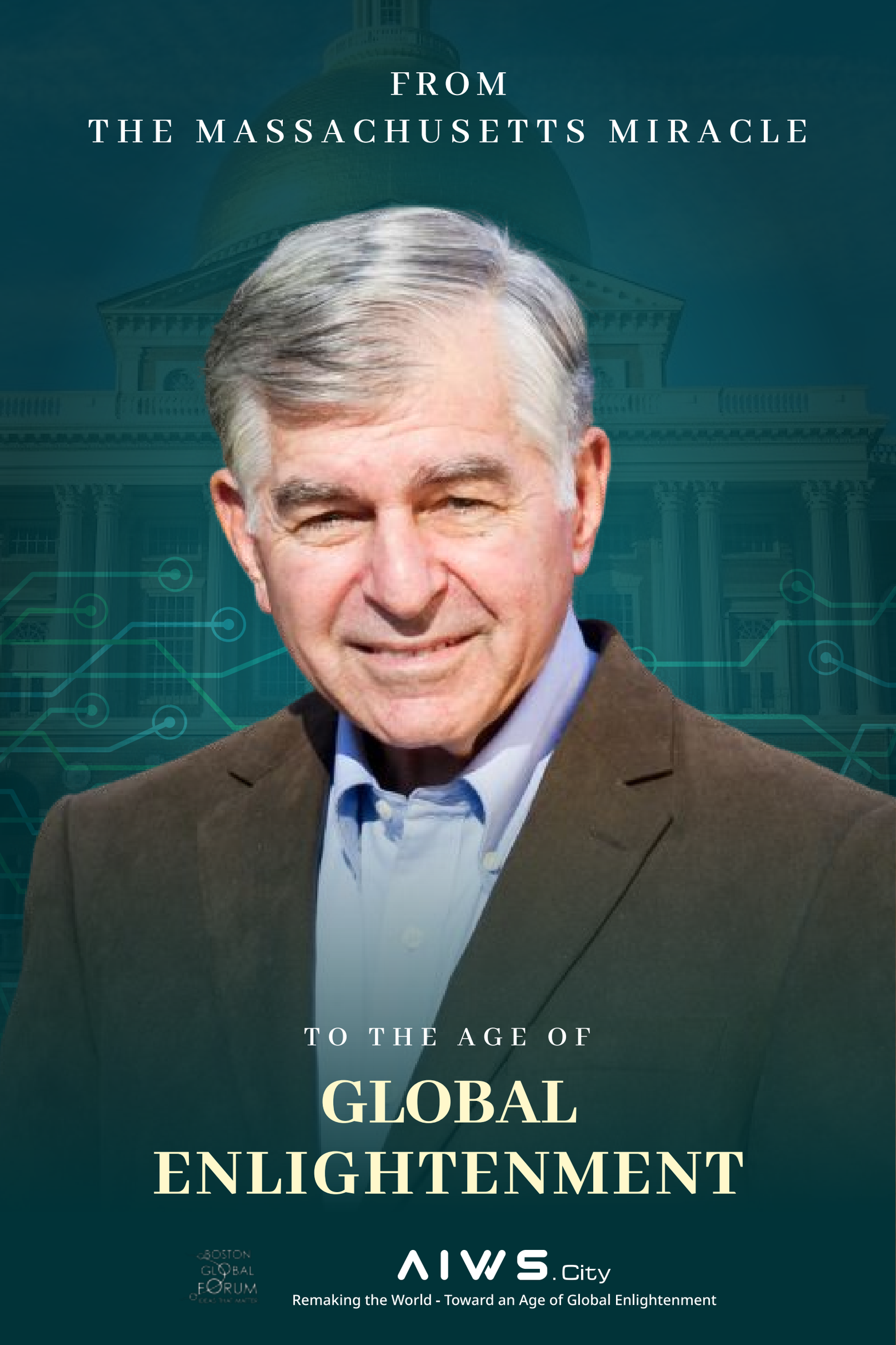
FROM
THE MASSACHUSETTS MIRACLE



TO THE AGE OF

# GLOBAL ENLIGHTENMENT

BOSTON GLOBAL FORUM

AIWS.City

Remaking the World - Toward an Age of Global Enlightenment

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# Contents

**Chapter 1.** Introduction 7

**Chapter 2.** Governor Michael Dukakis's Legacy 11

Visionary Leadership and Impact on American and Global Politics 13

Tireless Commitment to Public Service and Environmental Protection 22

Inspirational Leadership That Has Inspired Generations of Activists and Policymakers 32

**Chapter 3.** Governor Dukakis's Dedication to AIWS and the United Nations Centennial Initiative 36

Building the Age of Global Enlightenment 38

Co-founder of the Global Enlightenment Community 43

Support for the Mission: Building the Age of Global Enlightenment 51

**Chapter 4.** The Massachusetts Miracle Under the Leadership of Governor Dukakis 60

Governor Dukakis' Transformative Leadership as Governor of Massachusetts 64

Economic and Social Achievements During the "Massachusetts Miracle" Era 74

**Chapter 5.** Boston Global Forum Initiatives Under the Leadership of Governor Dukakis 81

Overview of the Boston Global Forum's Key Initiatives and Contributions 83

Impact of the AIWS Initiative on Global Governance of AI and Digital 105

Four Pillars for Peace and Security 109

**Chapter 6.** World Leaders for Peace and Security Award Under the Leadership of Governor Dukakis **113**

**Chapter 7.** World Leaders in AIWS Award Under the Leadership of Governor Dukakis **123**

**Chapter 8.** AIWS City and Global Enlightenment Mountain Under the Leadership of Governor Dukakis **128**

- The Vision Behind AIWS City and Its Role in Empowering Citizens in the Age of AI 130
- Global Enlightenment Mountain as a Hub for Technological Support and Oversight 139
- AIWS City for Rebuilding Ukraine 144
- Every Citizen, an Innovator 147

**Chapter 9.** Governor Michael Dukakis's 90th Birthday Celebration **149**

- Remarks and Messages for Governor Dukakis's Birthday 152
- Book Launch: "From Massachusetts Miracle to the Age of Global Enlightenment" 165
- Remarks on World Peace and Security by Governor Michael Dukakis 203
- Honoring Amma With the 2023 World Leader for Peace and Security Award and Her Distinguished Global Enlightenment Lecture 204
- Announcing Mou Between Amrita University and Boston Global Forum in Collaboration to Develop AIWS in India 209
- 90th Birthday Celebrations: Introducing New Initiatives in Honor of Michael Dukakis 211

**Appendix** **228**

**References** **266**

Chapter 1

# INTRODUCTION



Michael (Stanley) Dukakis (born November 3, 1933, in Brookline, Massachusetts, U.S.) is an esteemed American politician. He received a bachelor's degree in political science from Swarthmore College in 1955 and a law degree from Harvard Law School in 1960. He served in the U.S. Army in Korea from 1955 to 1957. In 1963, he entered the Massachusetts House of Representatives and served eight consecutive years. He was also associated with the Boston firm of Hill and Barlow from 1960 to 1974.



From 1975 to 1979 and again from 1983 to 1991, Michael Dukakis served three terms as Governor of Massachusetts. During his tenure, he resided over a period that would later be recognized as the "Massachusetts Miracle," an economic revival that not only recovered the state's economy but also set a standard for progress and innovation. Governor Dukakis' adept technocratic skills, coupled with a pragmatic approach and a keen understanding of societal fundamentals, were instrumental in



formulating policies and reforms that underpin the current dynamic and forward-thinking Massachusetts. He was the Democratic Party's nominee for president in 1988 running against the Republican nominee, incumbent Vice President George H. W. Bush.



After his political career, Governor Dukakis took on the role of distinguished professor at Northeastern University and UCLA, dedicating himself to public service through education. His academic roles provided a platform for inspiring and guiding the next generation of leaders. Through lectures rich with the wisdom gleaned from a lifetime of experience, he instilled in his students the values of integrity, responsibility, and civic engagement.

However, Governor Dukakis' influence extended far beyond the lecture halls. In his later years, he co-founded and chaired the Boston Global Forum (BGF) (December 12, 2012), the Michael Dukakis Institute for Leadership and Innovation, and the AI World Society Initiative.

BOSTON GLOBAL FORUM
IDEAS THAT MATTER.

MICHAEL DUKAKIS
INSTITUTE FOR LEADERSHIP AND INNOVATION

These institutions reflect his forward-thinking vision for the future—an era characterized by humane, peaceful, and secure societies enabled by the transformative potential of digital age technology. This vision is encapsulated by AIWS - the Age of Global Enlightenment.

AIWS - the Age of Global Enlightenment represents the collective aspiration for a more connected, compassionate, and enlightened world where technology, ethics, and humanity converge. In Governor Dukakis' dedication to connecting influential thinkers and organizations, he helps foster this Age of Global Enlightenment where shared knowledge and collaborative efforts pave the way to a brighter future.

As we gather to celebrate the 90th birthday of Governor Michael Dukakis, it is with a profound sense of respect and admiration for a life dedicated to public service, progress, and visionary thinking. Governor Dukakis' journey is a demonstration of the enduring power of principled leadership, marked by a distinguished political career and a deep commitment to the betterment of society. We pay tribute not just to a man, but to a legacy of principled leadership and visionary thinking. His influence reaches far and wide, touching the realms of academia, technology, and public service.



Join us in commemorating Governor Michael Dukakis' 90th birthday, a statesman whose enduring contributions have left an indelible mark on American society.

*Boston Global Forum is honored to publish the book* ***"Governor Dukakis: From Massachusetts Miracle to the Age of Global Enlightenment"*** *on his 90th birthday as an esteemed gift to BGF's Leader-Michael Dukakis.*

Chapter 2

# GOVERNOR MICHAEL DUKAKIS' LEGACY



Governor Dukakis' career, spanning over half a century, has been marked by a commitment to public service, political leadership, mentorship, and scholarly achievements. Throughout his life, Governor Dukakis shared insights that continue to resonate:

> *"Our greatest strength comes not from what we possess, but from what we believe; not from what we have, but from who we are."*

This sentiment encapsulates the essence of his philosophy which emphasizes the importance of authenticity and unwavering belief in effective leadership. His influence on American and global politics, commitment to public service and environmental protection, and inspirational leadership continue to empower generations of activists and policymakers.

1

# Visionary Leadership And Impact On America And Global Politics

## Impact on American politics

Michael Dukakis, a prominent figure in American politics, served as the Governor of Massachusetts from 1975 to 1979 and then again from 1983 to 1991. His dedication to public service and his strategic approach to governance left a lasting impact on the state of Massachusetts and earned him respect on both a state and national level.

In the 1970s, Massachusetts grappled with economic stagnation, fiscal difficulties, high inflation, a stagnant job market, and an outmigration of both residents and businesses. However, as the 1980s began, Massachusetts entered a period of remarkable economic growth and development referred to as the "Massachusetts Miracle." This era, characterized by an unprecedented surge in economic activity, saw Michael Dukakis implementing significant policy shifts and reforms in areas such as economic activity, education, healthcare, social justice, environment, urban planning, and transportation. His progressive policies and strong leadership played an important role in setting the stage for the state's resurgence as an economic and technology powerhouse, showcasing a unique blend of technocratic efficiency and bureaucratic skill that distinguished him in American politics. By the end of this era, Michael Dukakis received high praise and recognition from the National Governors Association when he was voted as the most effective governor.

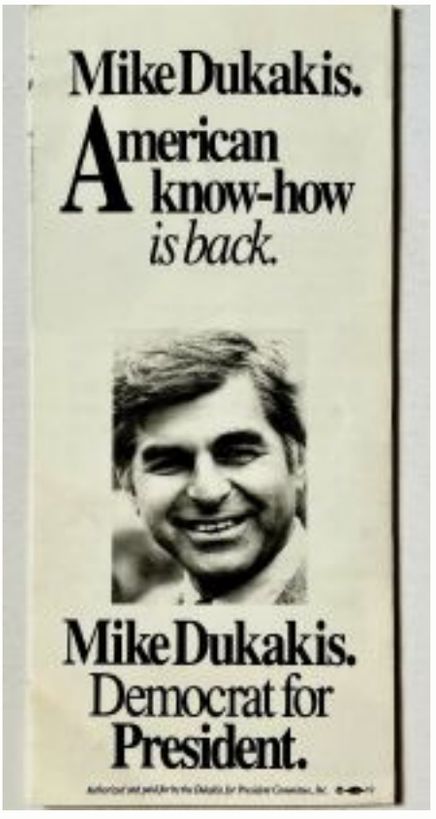


Butterfield (1988) described Dukakis as a technocrat, a leader with a reputation for being focused on pragmatic solutions and competence rather than emotional appeals. Indeed, Dukakis placed a strong emphasis on tackling issues related to the smooth operation of government, advocating for transparent and accountable practices. His tenure as Governor was characterized by a great commitment to refining management practices within Massachusetts, with a primary goal of eradicating corruption and ensuring effective governmental processes. He was focused on making gradual improvements to the economy through targeted public programs, rather than advocating for sweeping changes, and meticulous attention to detail in implementing policies (Blustein, 1988).



Another distinctive aspect of Michael Dukakis' leadership style was his proactive involvement of diverse stakeholders in the policymaking process. In his second term as Governor, Dukakis created a cooperative policy network that actively engaged esteemed professors from renowned institutions such as Harvard and MIT in shaping policies. Additionally, his forward-looking approach to advancing public-private partnerships saw his administration diligently facilitate collaborations between high-tech companies and venture capital firms based in Massachusetts, leading to the significant growth of the state's economy (Geismer, 2014).

In 1987, Michael Dukakis announced his candidacy for the Democratic Party's nomination for President of the United States and ultimately secured the Party's endorsement to face off against Republican nominee George Bush. Throughout the 1988 election campaign, Dukakis presented a comprehensive vision for America. This encompassed not only pressing economic concerns such as job creation and growth, but also crucial issues like gender equality, environmental conservation, and accessible education, to forge a future characterized by prosperity, inclusivity, and sustainable environmental practices.




Although he did not emerge victorious in the election, Dukakis remains remembered and respected for his distinctive and far-reaching approach to leadership.

## *HIGHLIGHT*

# Bill Clinton To Nominate Governor Michael Dukakis For The Presidency






Gov. Bill Clinton (D-ark) Nominated Gov. Michael Dukakis (D-mass) for President in a 35-minute Speech

*We stand idly by while more of our children are having children than others, swelling the ranks of the truly disadvantaged. We accept far more adult illiteracy than others, even though we know that 80 percent of the workforce in the year 2000 is already employed. And we know that when workers can't read, eventually they'll have to pay for it, and we will too. We tolerate more homeless children than others, degrading the most blameless among us. We live in the only advanced country in the world that's still in the dark ages when it comes to child care. That means we have lower productivity on the job and higher stress in the home. Our school dropout rates are twice those of our competitors. Those of our children who do finish school are two years behind their competitors in Japan and Europe, learning alongside all those kids who will be competing with ours for the good jobs.*

*Michael Dukakis was from the half, and so many of our young people want to go to college but can't afford to. You might ask if you're looking at this on television, what does this have to do with me if I have a job or my business is in good shape? What about kids in college? Why should I worry? I'll tell you*



Michael Dukakis During a Campaign Stop (1988)

*I want, and you want, Michael Dukakis to be president overwhelmingly for this reason: Michael Dukakis knows we don't have a single solitary person to waste. Michael Dukakis will have teaching partners like Jaime Escalante, the hero of the movie 'Stand and Deliver,' whose entire class of poor students in East Los Angeles stunned the education world by passing the advanced placement calculus test. A tribute to a teacher who knows all children can learn and who believes that children will perform at the level of our expectations. When it comes to education, President Dukakis will stand and deliver.*

*I can't help wondering when I think of that county. They came from 20 percent unemployment, 50 percent unemployment for black teenagers. If Michael Dukakis had had eight long years to fulfill his commitment of good jobs for all of our people everywhere they live, I wonder if those kids had been willing to trade drugs for money. Maybe they would have said no to drugs and yes to life if Michael Dukakis had been president the last eight years.*

*My friends, we are moving into a future that will richly reward learning, achievement, and innovation, and it will punish harshly ignorance and waste; the pursuit of short-term profit and logjam at the expense of long-term growth. We need a president who understands this, and Michael Dukakis does. He prefers their children's future to their present. We've had it, and don't you ever forget it. Michael Dukakis will never, never forget it.*

---

## Impact on global politics and society - Open New Road and Model for a better world AI World Society (AIWS)

In 2012, Michael Dukakis joined forces with Tuan Anh Nguyen, Harvard Fellow and Founder of VietNamNet, alongside Harvard professors Thomas Patterson and John Quelch, to establish the Boston Global Forum (BGF). This institution was born out of a shared vision to create a global platform for thought leaders to collaboratively address pressing global challenges. Over the past 11 years, BGF has been at the forefront of generating initiatives, strategies, and policy recommendations designed to tackle various global issues.



Michael Dukakis and Nguyen Anh Tuan discussed the vision and strategy for BGF (April 2013 in Nha Trang, Vietnam)

Notably, BGF has placed a particular emphasis on promoting responsible state behavior in the digital age. The forum's invaluable insights and recommendations have been shared with governments and international organizations such as the G7, G20, USA, EU, Japan, and India. BGF has successfully engaged leaders from diverse sectors, including government, private enterprises, academia, and civil society organizations, through a wide array of events and discussions, all aimed at fostering inclusive platforms for the exchange of ideas, knowledge, and collaborative problem-solving.



Michael Dukakis chaired the first BGF Board of Leaders Conference Held at the Shorenstein Center on Media, Politics, and Public Policy, Harvard Kennedy School, 2013

In 2015, Michael Dukakis and the BGF Board launched the prestigious World Leader for Peace and Security Award. This award has been presented to distinguished world leaders who have made outstanding contributions to global peace, security, and humanitarian efforts. Notable recipients of this esteemed award include Shinzo Abe, Angela Merkel, Ban Ki-moon, Toomas Hendrik Ilves, Sauli Niinisto, Vaira Vike-Freiberga, Ursula von der Leyen, Andreas Norlen, Volodymir Zelenskyy, and Amma, all of whom have left an indelible mark in the pursuit of a safer and more secure world.

Moreover, in 2015, the Boston Global Forum, under the visionary leadership of Michael Dukakis, established The Michael Dukakis Institute for Leadership and Innovation (MDI). The MDI was founded with a forward-thinking mission: to nurture leaders in technology and science while instilling a strong ethical framework for the next generation of innovators and influencers. MDI is dedicated to honing leadership skills with a focus on global peace and security, particularly in the realms of Cybersecurity and Artificial Intelligence. Some notable achievements of MDI include the development of the AI-Government, the Social Contract for the AI Age (SCAI), the Ethics Code of Conduct for Cyber Peace and Security (ECCC), and the institution of Global Cybersecurity Day. In 2017, Governor Dukakis continued his unwavering journey by co-founding the Artificial Intelligence World Society (AIWS), an extension of BGF and the Michael Dukakis Institute.

AIWS is on a mission to promote the ethical growth, implementation, and advancement of Artificial Intelligence for the betterment of humanity on a global scale.





Michael Dukakis at the Launch Event of the AI World Society (AIWS) Initiative at Harvard University Loeb House and at the Harvard Faculty Club in December 2017

This endeavor is deeply rooted in MDI's Social Contract for the AI Age, which represents a collective agreement on policies and practices aimed at amplifying the positive impact of AI while mitigating potential drawbacks. AIWS also introduced the Global Enlightenment Community, a platform that unites leaders, strategists, thinkers, and innovators from the world's foremost cities. Distinguished scholars from renowned institutions such as Harvard and MIT have lent their expertise to uphold the collective values and standards outlined in the Social Contract for the AI Age on a global scale. As part of this initiative, Governor Dukakis has had the privilege of recognizing several global leaders with the World Leader for Peace and Security Award and the World Leader in AIWS Award, recognizing their exceptional dedication to advancing the ethical development and application of AI for the betterment of humanity.

*"Your leadership at the Boston Global Forum, and your pivotal role in the AI World Society, a significant initiative for a better world with AI, have left an indelible mark on our world."*

**Yasuhide Nakayama**

*"Governor Dukakis, as the Co-founder and Chair of the Boston Global Forum, has emerged as an eminent leader, steering the AI World Society (AIWS) initiative toward the forefront of discussions about creating a more enlightened world with the aid of AI, digital technologies, and advanced innovations."*

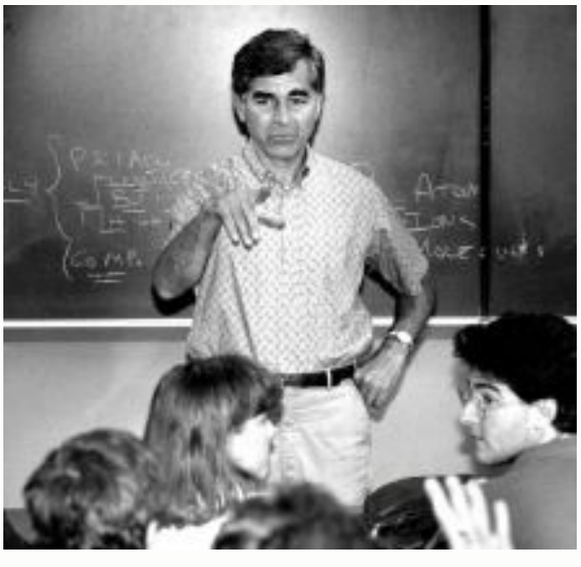
**Zlatko Lagumdzija**

2

# Tireless Commitment To Public Service And Environmental Protection

## Commitment to public service

After the 1988 presidential campaign, Michael Dukakis quickly returned to his role as Governor of Massachusetts and declared that he would not pursue the presidency further. However, his commitment to public service persisted even after his governorship ended in 1991. Since then, Dukakis has taken on various roles, including that of an educator, author, and advocate, using his influence to passionately support policy issues he deeply cared about.



Michael Dukakis During His First Day as Teacher at Northeastern University in Boston on June 26, 1991

Michael Dukakis has held distinguished positions at several universities. In 1991, Dukakis spent three months at the University of Hawaii where he was a Visiting Professor in the Department of Political Science and the School of Public Health. While at the University of Hawaii, he led a series of public forums on the reform of the nation's health-care system that influenced the creation of Hawaii's first-in-the-nation universal health insurance system whose lessons were incorporated into the national Affordable Care Act, which was signed into law by President Barack Obama.

Then he served as a Distinguished Professor of Political Science at Northeastern University and as a Visiting Professor at the School of Public Policy at the University of California, Los Angeles. This remarkable journey

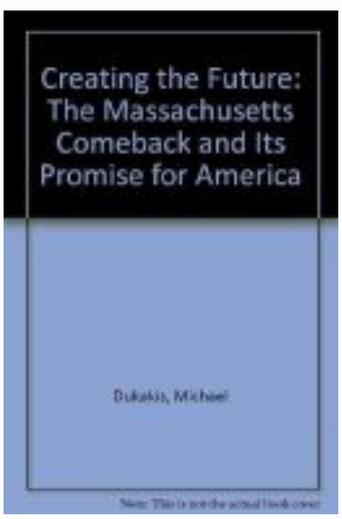
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continued until 2022, when Dukakis made the admirable decision to finally retire at the age of 88. Through his speeches and lectures, where he shared insightful stories from past decision-makers, he provided aspiring leaders with the essential skills required for exceptional effectiveness in their roles, and most importantly, a deep sense of duty towards serving the public good. His down-to-earth teaching style ensured that his wealth of knowledge was accessible and relatable to students, leaving an enduring impact on their academic journeys.

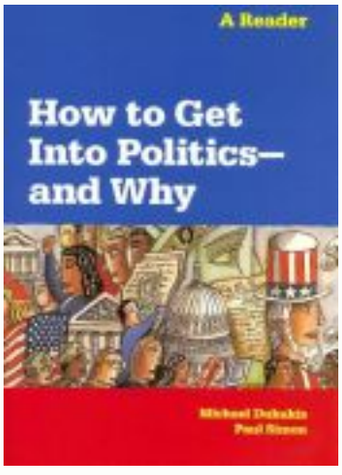
As a scholar and an author, his research has primarily revolved around national healthcare policy reform with a particular emphasis on the valuable insights that can be gained from state-level initiatives. Beyond his academic pursuits, Dukakis has co-authored several influential books, each offering a unique perspective on history and politics:



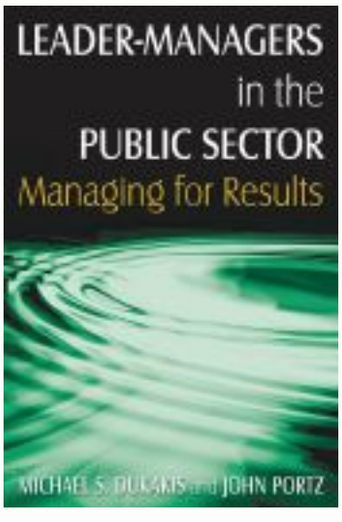
State and cities: The Massachusetts experience (Published in 1980) constitutes a comprehensive policy analysis of the Massachusetts experience, with a primary emphasis on the state's economic and social policies. Encompassing a wide range of subjects, it delves into critical areas including the state's fiscal challenges, strategies for building the economic foundation, and the harmonization of governmental policies aimed at fostering the growth of emerging industries.




Creating the Future: The Massachusetts Comeback and Its Promise for America (Published in 1988) delivers an engaging narrative of Massachusetts' resurgence, as observed by Dukakis. Beyond documenting the state's impressive recovery, the book highlights its potential as a model for broader national progress.




How to Get into Politics—and Why (Published in 2000) serves as an invaluable roadmap for aspiring leaders who want to contribute positively through public service. Drawing from his extensive political experience, Dukakis imparts practical advice and compelling insights on the journey towards political engagement.




Leader-Managers in the Public Sector: Managing for Results (Published in 2010) highlights the core competencies and methodologies essential for leader-managers to excel within the public sector drawing clarity on the distinctions between leadership and management. Following this, through extensive interviews with seven accomplished leader-managers across various policy domains, it identifies six critical skills and practices imperative for effective leadership and management in the public sector.




Boston History for Kids: From Red Coats to Red Sox, with 21 Activities (Published in 2018) invites young readers on an interactive exploration of Boston's vibrant past. Through engaging storytelling and hands-on activities, the book brings to life the city's evolution from its colonial origins to its current status as a sports and cultural hub.

Michael Dukakis has also attended various speeches, events, conferences and press interviews after retiring, including those related to critical topics such as the future of democracy, public service, education, and transportation. Dukakis has expressed several noteworthy perspectives, for example:

Dukakis stresses the significance of effective leadership in public service, emphasizing the need for leaders who genuinely listen to their constituents and are dedicated to promoting democracy and human rights. He also emphasizes the value of clear communication and public education efforts to gain support for community health and development issues (see Center on the American Governor Interview with Governor Dukakis in 2021 on YouTube)



(MA) Gov. Michael Dukakis interview (Center on the American Governor) 5.11.2012

Dukakis expresses reservations about what he calls "democratic extremism," seeing it as a term used by political opponents to criticize progressive policies. He argues that policies like universal healthcare and affordable housing are essential for advancing democracy and protecting human rights (Perlstein, 2013).

Dukakis urges caution regarding the "defund the police" movement, believing that trust between law enforcement and the community is crucial for effective policing in addressing crime and justice issues (Stanage, 2016).

Governor Dukakis' legacy also encompasses a commitment to progressive social policies. Scholars note his support for legislation protecting LGBTQ+ individuals from discrimination, his advocacy for gender equality in areas such as pay and representation, and his vocal stance against systemic racism.

In honor of his commitment to public service, several initiatives have been launched to carry on his legacy. In 1999, Northeastern University's School of Public Policy and Urban Affairs inaugurated the Kitty and Michael Dukakis Center for Urban and Regional Policy. The center actively engages in practical research covering a wide array of urban issues, including affordable housing, local economic development, workforce training, state and local finance, and transportation planning. In the same year, the Michael and Kitty Dukakis Center for Public and Humanitarian Service was established at the American College of Thessaloniki. Its primary objective is to deliver contemporary, student-centered civic education, aiming to inspire young individuals to actively participate in public affairs and prepare for leadership roles in regional and international matters.

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*HIGHLIGHT*

## Michael Dukakis' Commitment To Public Transportation

Michael Dukakis, who, despite his position and political achievements, frequently opted for subway travel and remained a strong supporter of public transportation for many years. His advocacy extended to securing increased funding for transportation, with a focus on improving and expanding subway and commuter-rail services when he was a Governor to stimulate economic growth and expand opportunities across the Commonwealth. This effort led to the MBTA Police earning the distinction of being the first accredited department in Massachusetts, and the pioneer transit police department nationwide, accredited by the National Commission on Accreditation for Law Enforcement Agencies.




In honor of his substantial contributions, South Station was officially renamed in 2014, paying tribute to Michael Dukakis.

With a lifelong commitment to public transportation, Governor Dukakis received a nomination from President Bill Clinton in 1998 to serve on the Board of Directors of Amtrak for a five-year term, ultimately assuming the role of Vice-Chairman. Throughout this term, he contributed significantly to the enhancement of rail services in Boston by drawing on his extensive knowledge and experience.



## Environmental protection

While still in office, Michael Dukakis consistently demonstrated a strong commitment to environmental conservation, often finding himself in deliberation with organizations like the Sierra Club, the Massachusetts Audubon Society, and the Conservation Law Foundation of New England regarding his stances on waste disposal, water pollution, and wetland protection (Weisskopf, 1988). He worked tirelessly to advance the passage of three pivotal bills, all geared towards ensuring the secure cleanup and responsible disposal of solid, low-level radioactive, and hazardous wastes, including the enactment of the Massachusetts Environmental Policy Act in 1977. In 1989, recognizing the instrumental role of businesses in environmental management in Massachusetts, Michael Dukakis organized a meeting of industry leaders, during which a discussion with attorney Don Connors led to the conception of establishing the Environmental Business Council (EBC), an idea that would later be realized in 1990.

### *Michael Dukakis' "green" walk*







Michael Dukakis picks up litter along his walk to work everyday

One of Dukakis' most significant achievements in this regard was the successful cleanup of Boston Harbor. Over a century ago, Boston Harbor stood as one of the nation's most polluted harbors, a consequence of the limited treatment of daily waste from Boston and its surrounding communities, which was often directly dumped into the harbor.

Throughout the 1980s, Michael Dukakis took determined and proactive measures for the comprehensive restoration of the harbor's environmental well-being, making him the first Massachusetts Governor to actively advocate for this policy issue. His efforts included the proposal to separate the Water and Wastewater Treatment Division from the Metropolitan District Commission, leading to the establishment of the Massachusetts Water Resources Authority (MWRA) in 1985. The MWRA subsequently devised several sewage improvement projects, all aimed at enhancing the existing sewage treatment system and ultimately cleaning up Boston Harbor. The construction of the Deer Island Waste Water Treatment Plant, in particular, proved instrumental to the later success of the cleanup. Today, Boston Harbor is remembered as a vivid example of the positive impact of Dukakis' environmental policies, with its waters now deemed swimmable and fishable and Massachusetts has gained recognition as one of the greenest states in America according to various rankings.



Boston Harbor in 1987



Boston Harbor today

*"A number of state laws under Dukakis have gone further than the federal government in protecting environmental interests. Massachusetts is one of the few states to require industry to cut emissions of pollutants responsible for acid rain; the first to create a state Superfund program to clean up toxic wastes, and one of the strictest in banning cancer-causing pesticides still permitted by the EPA and used elsewhere."*

**Weisskopf (1988)**

During his 1988 presidential campaign, Michael Dukakis emphasized that a strong America encompasses not only good jobs with fair wages, excellent schools for children, quality housing, secure and appealing neighborhoods, and accessible healthcare, but also a clean environment. He advocated for a spectrum of initiatives, ranging from ensuring safe waste disposal to mounting a determined campaign against acid rain while championing the promotion of renewable energy sources. Drawing from the invaluable lessons of the Boston Harbor project, he underscored the imperative to regulate industrial pollution, enhance wastewater treatment, and safeguard against waterborne diseases to guarantee clean and safe water sources for all. Dukakis recognized the key role of judicious land use planning in preserving natural habitats and curbing urban sprawl and hence supported policies that incentivize sustainable development practices.

3

# Inspirational Leadership That Has Inspired Generations Of Activists And Policymakers

Michael Dukakis has been a dedicated advocate for inspiring students to pursue careers in public service and politics. He initiated programs that allowed students to tackle real-world policy challenges in a hands-on way, greatly enriching their educational experiences. For instance, in 1996, Dukakis launched a public service internship at UMass Dartmouth to give students a firsthand taste of government service and spark their interest in potential careers.

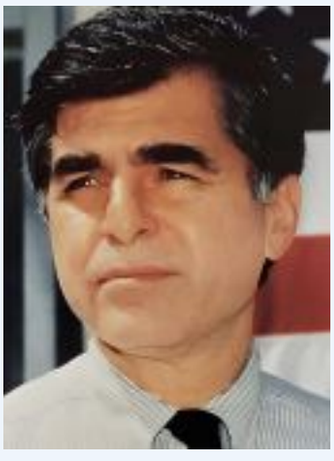


careers in the public sector. This program had a positive impact on the community as it provided many students with unique opportunities to collaborate with government agencies, non-profit organizations, and other public service entities. In recognition of his distinguished career, the Harvard Kennedy School introduced the Michael S. Dukakis Governors' Summer Fellowship Program in 2007, generously funded by Marilyn and Calvin Gross.

HARVARD Kennedy School
JOHN F. KENNEDY SCHOOL OF GOVERNMENT

This program, much like the UMass Dartmouth initiative, pays tribute to Governor Dukakis' enduring legacy and offers Harvard Kennedy School students invaluable exposure to leadership roles in state government. Every summer, selected fellows serve in the executive offices of governors across the across the country working on a variety of policy challenges.

*"We're told these days that young people are turning away from politics and government. The anti-government mood of the past few years is making it difficult for political leaders to recruit good people--and on and on. I've heard it all before, and, frankly, I don't buy it. The fact is that the instinct for public service is as alive today in young people as it ever was. I find it every time I step on a college campus: I find it every time a group of young people visits me in the state house.*



*What it needs is encouragement and nurturing and guidance. And those of us who have had the opportunity and tasted the excitement of being in public life have a responsibility, I believe, to provide that nurturing and that encouragement and that guidance."*

**Michael Dukakis (1990)**

As a professor, Dukakis often collaborated closely with fellow scholars and experts in the field to organize seminars, workshops, and conferences dedicated to addressing crucial public policy issues. His involvement extended beyond the classroom as he actively participated in various research endeavors and provided advisory expertise.





Dukakis also served as a mentor to a diverse group of students, many of whom have gone on to make significant contributions in their respective fields. Described as a dedicated supporter of his students, Dukakis consistently encouraged them to consider careers in government and public service (Paul, 2022). Among his notable mentees are Nanette Barragán, who now represents the 44th Congressional district in South Los Angeles, Jimmy Gomez, who holds office in the 34th Congressional district in California, and Nelson Esparza, a former student who has secured victories in elections for both the Fresno County School Board and the Fresno City Council in his hometown.

*"Michael Dukakis is a foundational figure in the history of the Luskin School — a giant in the history of public policy leadership in the U.S. Mike has never stopped working to solve problems at the state and local level in Massachusetts and beyond. All the while, Mike has been a dedicated teacher and mentor, particularly to our undergraduates. We will miss his sage wisdom and kindness in the halls of UCLA Luskin."*

**Gary M. Segura, Former Dean Of The Luskin School Of Public Affairs At UCLA (2022)**



Chapter 3

# GOVERNOR DUKAKIS' DEDICATION TO AIWS AND THE UNITED NATIONS CENTENNIAL INITIATIVE



In 2019, under the leadership of Michael Dukakis, the Boston Global Forum (BGF) and the United Nations Academic Impact (UNAI) jointly launched the United Nations Centennial Initiative. This forward-looking initiative critically engages with key technological concerns, including artificial intelligence, cybersecurity, diplomacy, warfare, and other pressing issues, while strongly advocating for a Social Contract for the Artificial Intelligence (AI) Age. Its mission is to project our vision into the future, reflecting on the ongoing role of the United Nations in shaping a world marked by peace, democracy, prosperity, and universal security as it commemorates the 100th anniversary of the United Nations in 2045.

The Boston Global Forum contributes significantly to this initiative through the AI World Society (AIWS), aptly titled "Remaking the World – The Age of Global Enlightenment." This collaborative endeavor seeks to drive conversations, solutions, and innovations related to global governance and the challenges we face, bringing together world leaders, scholars, and experts.

1

# Building The Age Of Global Enlightenment

To realize the vision of the United Nations Centennial Initiative, the book "Remaking the World – The Age of Global Enlightenment" was launched in 2021 by Boston Global Forum and the United Nations Academic Impact. The book proposes pathways toward a more humane, peaceful, and secure world, largely by harnessing the potential of technology and promoting global governance and peace, the AI World Society (AIWS) Model. This was when the concept of the Age of Global Enlightenment (AGE) was first officially introduced; however, its fundamental concept had been under discussion since 2017.



Michael Dukakis at the launch event of the AI World Society (AIWS) initiative at Harvard University Loeb House and at the Harvard Faculty Club in December 2017

*A project that aims to bring scientists, academics, government officials and industry leaders together to keep AI a benign force serving humanity's best interests.*

**Michael Dukakis**

In 2017, as a pivotal component of the UN Centennial Initiative, the Boston Global Forum introduced the AI World Society (AIWS). AIWS is dedicated to advancing AI technologies that align with human values, ensuring that AI serves the betterment, efficiency, and acceleration of humanity. It encompasses a framework of values, concepts, ideas, and standards aimed at fostering the peaceful development of AI for the benefit of all humankind and enhancing the realm of politics and society through AI. AIWS endeavors to establish an AIWS Ecosystem that empowers individuals to leverage the potential of artificial intelligence, digital technologies, blockchain, and data science for the common good. This ecosystem functions as a collaborative platform that not only rewards innovators and users of these technologies but also stimulates widespread innovation, dismantling traditional hierarchies that have historically perpetuated unequal power dynamics and fostering a more equitable and inclusive society.

AIWS envisions advancing the common good through the opportunities to "remake the world" presented by the digital and AI revolution. This vision operates based on the construction of the 7-layer model of the AI World Society, serving as the foundational framework for what would later evolve into the Age of Global Enlightenment.



Michael Dukakis, Thomas E. Patterson and Nguyen Anh Tuan

***The 7-layer model entails:***

- Layer 1: Charter and Principles: To create a society of AI for a better world and to ensure peace, security, and prosperity
- Layer 2: Ethical Frameworks: Guidelines for the Role of AI in Building the Next Generation Democracy
- Layer 3: Standards: Standards for the Management of AI Resources and Development
- Layer 4: Laws and Legislation: Laws for the Role of AI in Building the Next Generation Democracy
- Layer 5: International Policies, Conventions, and Norms: Global Consensus
- Layer 6: Public Services and Policy Making: Engage and Assist Political Leaders
- Layer 7: Business Applications for All of Society: Engage and Assist Businesses

AIWS

AI WORLD SOCIETY

***AIWS is guided by six fundamental anchors, each crucial for achieving the "Age of Global Enlightenment."***

- Enlightened Political and Social Order: Emphasizes accountability and responsibility as essential for fostering global enlightenment, as outlined in the Social Contract for the AI Age.

- Enlightened National Law and Global Governance: Highlights the importance of proper governance, expressed in the Framework of Global Laws and Accord on AI and Digital.

- Enlightened Economic Innovation: Encourages socially responsible economic innovation by individuals, communities, and firms as a key driver of global enlightenment.

- Enlightened Cultural Norms: Promotes tolerance, diversity, mutual support, respect, and recognition of the value of every individual as fundamental cultural values for global enlightenment.

- Enlightened Education Principles: Advocates for a lifelong pursuit of knowledge and respect for education as crucial elements of fostering global enlightenment.

- Enlightened Communication and Discourse: Encourages open discourse, respect for diverse opinions, and the importance of accuracy in mass and personal communication to promote global enlightenment.

Grounded in these principles and knowledge, The Age of Global Enlightenment emerged as a transformative era in which knowledge, particularly in the domains of science and technology, holds unprecedented influence. This shift mirrors Aristotle's distinctions between Episteme (principled knowledge) and Techne (the act of making or doing), which have played a fundamental role in reshaping human existence. This evolution urges leaders to wield science and technology wisely to guide the world toward a more enlightened state. Achieving this vision necessitates not only refining ideas but also establishing effective governance structures. The history of the AIWS is envisioned as the Age of Global Enlightenment, where AIWS serves as a vehicle through which individuals and civic organizations can contribute to fostering this new age of enlightenment.

***The core concepts of the Age of Global Enlightenment include:***

- Responsible and extensive application of AI and Digital in all aspects of political, economic and social life.
- A transparent politics, directly serving the people.
- The Social Contract for the AI Age and the book “Remaking the World - Toward an Age of Global Enlightenment”.
- Every citizen is an innovative citizen - AIWS Rewards.
- Data economy infrastructure - Internet - Mobile as the foundation to create the ecosystem “Each citizen is an innovator”.
- Trusted, reliable, safe information, online and social.
- Global Enlightenment Education.
- AIWS Leadership Program - Leadership in the Age of Global Enlightenment.

2

# Co-Founder Of The Global Enlightenment Community

As Michael Dukakis recognized the importance of careful and responsible consideration of technological advancements, he also realized that the concept and its accompanying frameworks could not transition into reality without concerted efforts from a global community committed to ethical and progressive innovation. This called for a collective movement, involving leaders, scholars, and practitioners from diverse disciplines, bound together by a common mission to work towards a future where responsible and inclusive technological progress thrives, embodying the very essence of the Age of Global Enlightenment. Thus, on April 26, 2023, at the Harvard University Faculty Club, the Global Enlightenment Community (GEC) was officially established to carry forward this mission.

The Global Enlightenment Community is a network of individuals and organizations committed to promoting the values of the Global Enlightenment in the digital age. This community is formed by its pillars, who are 25 Global Enlightenment Leaders, distinguished contributors of the book “Remaking the World – Toward an Age of Global Enlightenment”.




Governor Michael Dukakis launched the Global Enlightenment Community

European Commission President Ursula von der Leyen, Father of the Internet Vint Cerf, 2020 World Leader in AIWS Award recipient Judea Pearl, and the Father of Soft Power Joseph Nye are among the distinguished contributors to the book.

# Global Enlightenment Leaders



**Shinzō Abe**

Prime Minister of Japan (9/2006-9/2007, 12/2012-9/2020), 2015 World Leader for Peace and Security Award



**Ashton Carter**

Former U.S. Secretary of Defense, Director of the Belfer Center for Science and International Affairs, Belfer Professor of Technology and Global Affairs, Harvard University



**Vint Cerf**

“Father of the Internet”, Vice President and Chief Internet Evangelist for Google, Co-author of Social Contract for the AI Age, 2019 World Leader in AI Society Award



**Nazli Choucri**

Professor of Political Science, MIT, Boston Global Forum Board Member



## Ramu Damodaran

Chief of the United Nations Academic Impact (UNAI), Co-Chair of the United Nations Centennial – BGF and UNAI Initiative in Honor of the United Nations 2045 Centenary



## Michael Dukakis

Former Governor of Massachusetts, Chairman of the Michael Dukakis Institute for Leadership and Innovation, Co-Founder and Chairman of the Boston Global Forum, Co-Founder of the AI World Society



## Eva Kaili

Member of the European Parliament, Chair of the European Parliament's Science and Technology Options Assessment Panel (STOA), Chair of the Centre for Artificial Intelligence (C4AI), Head of the Hellenic S&D delegation



## Robin Kelly

U.S. Representative (D-IL 2nd District), Vice Chair of the House Energy and Commerce Committee, Member of the House Committee on Oversight and Reform



## Ban Ki-Moon

Secretary-General of the United Nations (1/1/2007 – 31/12/2016), Lead the UNESCO Global Education First Initiative, 2016 World Leader for Peace and Security Award



**Taro Kono**

Japanese Minister of Defense (9/2019 – 9/2020),
Member of the House of Representatives, Japan



**Zlatko Lagumdžija**

Former Prime Minister and Former Foreign Minister of Bosnia-Herzegovina, World Leadership Alliance – Club de Madrid (WLA-CdM) Member, Member of the History of AI Board, AIWS



**Stavros Lambrinidis**

Ambassador of the European Union to the United States,
2021 World Leader in AI World Society Award



**Ursula von der Leyen**

President of the European Commission,
2020 World Leader for Peace and Security Award



**Yasuhide Nakayama**

Japanese Defense State Minister, Member of the House of Representatives, Japan, Head of Japan's Liberal Democratic Party's Foreign Affairs Division,
Mentor of AIWS.net



## Paul Nemitz

Director for Fundamental Rights and Union citizenship in the Directorate-General for JUSTICE of the European Commission, co-author of the AIWS-G7 Summit Initiative 2019



## Nguyen Anh Tuan

CEO of the Boston Global Forum, Director of the Michael Dukakis Institute for Leadership and Innovation, Co-Founder of the AI World Society, Founder and former Editor in Chief of VietNamNet



## Andreas Norlén

Speaker of the Swedish Parliament



## Joseph Nye

Harvard University Distinguished Service Professor, Emeritus and former Dean of the Harvard's Kennedy School of Government, Former Assistant Secretary of Defense for International Security Affairs, Member of Boston Global Forum's Board of Thinkers



## Žaneta Ozoliņa

Professor at the Department of Political Science at the University of Latvia and the Director at the Centre for International Politics, Chairwoman of the Latvian Transatlantic Organization



## Thomas Patterson

Bradlee Professor of Government and the Press, Harvard University, Research Director of The Michael Dukakis Institute for Leadership and Innovation, Co-founder of the Boston Global Forum



## Judea Pearl

Professor of Computer Science and Director of the Cognitive Systems Lab at the University of California, Los Angeles, recipient of the A.M. Turing Award, 2020 World Leader in AI World Society Award



## Alex Pentland

The Toshiba Professor at MIT, Director, MIT Connection Science and Human Dynamics lab, Co-author of Social Contract for the AI Age



## Iain Duncan Smith

Conservative Member of the Parliament of the United Kingdom



## Vaira Vīķe-Freiberga

6th President of Latvia (1999-2007), President of World Leadership Alliance – Club de Madrid (WLA-CdM) 2013-2019; 2019 World Leader for Peace and Security Award

As the co-founder and Chair of the BGF, Michael Dukakis is a prominent figure in the advocacy of Global Enlightenment. He has actively engaged in defining and structuring its foundational principles, emphasizing accountability, responsible governance, innovation, tolerance, education, and open discourse. In his call to action letter, he articulated the community's mission and invited distinguished leaders, thinkers, innovators, artists, and business leaders who shared their vision to join the community. He also serves as a moderator in various conferences, roundtable discussions, and events, using these platforms to stress the importance of collective efforts in addressing the challenges of the digital age and the ethical development of AI.



Michael Dukakis and Former Australian Prime Minister Kevin Rudd



Michael Dukakis, Kitty Dukakis, Nguyen Anh Tuan, and David Sanger, Chief Washington Correspondent of the New York Times, discussed at the BGF Conference held at the Shorenstein Center on Media, Politics, and Public Policy, Harvard Kennedy School

*That is why the Global Enlightenment Community is so important. By bringing together some of the brightest minds in the world, we can work together to ensure that technology and innovation are harnessed for the greater good. Together, we can chart a course towards a future that is both prosperous and just, and that benefits all members of society.*

**Michael Dukakis**

3

# Support For The Mission: Building The Age Of Global Enlightenment

Since its inception in 2017, the AIWS-AGE mission has received enormous support from Michael Dukakis and hence, achieved numerous significant milestones and recognition from a multitude of organizations and world leaders.



Governor Michael Dukakis presented the BGF-G7 Summit Initiative 2017 to the Italian Government

With each milestone, the mission gains momentum and draws more support and attention from a global community committed to shaping a more enlightened future. Below is the main timeline of the initiative:

**December 12, 2017**

The first official conference on AIWS

At Loeb House and Harvard Faculty Club, Harvard University with participation of Governor Michael Dukakis, Nguyen Anh Tuan, President Toomas Hendrik Ilves, Dr. Ian Goodfellow, and professors of Harvard University and MIT: Joseph Nye, Thomas Patterson, Nazli Choucri, David Silbersweig, Patrick Winston, and Max Tegmark.




**April 2018**

At Harvard University Faculty Club, BGF presented the World Leader in AIWS Award to OECD Secretary-General Angel Gurria, and awarded the 7-layer model of AIWS in the BGF-G7 Summit 2018 to the Canadian government, the host of G7 Summit 2018.




**April 2019**

At Loeb House, Harvard University, BGF presented the AIWS-G7 Initiative to the Government of France, the host country of the G7 Summit 2019.



**November 2019**

BGF and United Nations Academic Impact (UNAI) co-founded the United Nations Centennial Initiative (UN100) with basis on AIWS and AIWS City, a digital city model to practice AIWS and UN100.

**September 2020**

BGF announced the Social Contract for the AI Age with the support from World Leadership Alliance - Clube de Madrid.




**December 12, 2020**

BGF honored the European Commission President Ursula von der Leyen the World Leaders for Peace and Security Award, and she delivered a distinguished speech on AIWS.

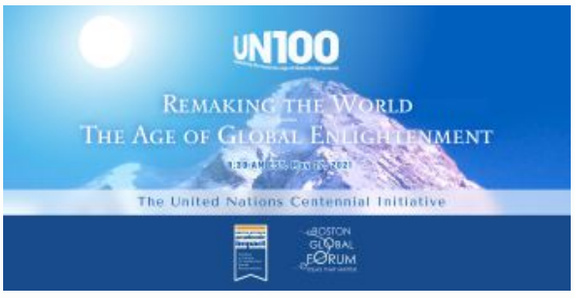






**May 2021**

BGF and UNAI co-published the book Remaking the World - Toward an Age of Global Enlightenment, which is the official book of UN100, and the concept Age of Global Enlightenment (AGE) was born, and consider it as the goal of UN100: Building AIWS - AGE.



**September 2021**

BGF and the World Leadership Alliance - Club de Madrid co-founded the Global Alliance for Digital Governance (GADG), as part of the AIWS.



**November 22, 2022**

AGE Conference at Harvard, unveiling and discussing Manifesto AIWS Actions to create AGE, presenting World Leader in AIWS Award to Amandeep Gill, the United Nations Secretary-General Envoy on Technology.




**November 2, 2023**

On Michael Dukakis 90th Birth Anniversary, BGF, Michael Dukakis Institute celebrated Michael Dukakis Year: “From the Massachusetts Miracle to the Age of Global Enlightenment”.




The impact of the AIWS-AGE mission now extends far beyond Boston and transcends the borders of the United States. Numerous initiatives stemming from this mission have garnered commendation and recognition from governing bodies worldwide. These endeavors have catalyzed a dynamic exchange of ideas and best practices among world leaders, technologists, and ethicists, fostering a unified and ethically robust approach to AI's global integration. The mission's profound influence in tackling intricate challenges in AI governance is evident through its introduction of innovative solutions and perspectives that have become integral to the discourse of international policy-making, shaping the future direction of AI adoption and regulation on a worldwide scale.

*HIGHLIGHT*

## AIWS - AGE Has Spread From Boston To

### In the US:

New York, Washington DC, San Francisco - Silicon Valley, Los Angeles



### Outside the US:

Tokyo, London, Brussels, Stockholm, Riga, Helsinki, Paris, Madrid, Rome, Tallinn, Berlin, Jerusalem, Tel Aviv, Saint Petersburg, New Delhi, Baku, Nha Trang, Dalat, Ho Chi Minh City



# HIGHLIGHT

## April 2018

The Michael Dukakis Institute and Boston Global Forum hosted a Roundtable in Tokyo with the participation of Japan's top Artificial Intelligence (AI) researchers and thinkers. Among the many ideas covered during the program were the AIWS's 7-layer model for AI, cyber security, the proliferation of fake news, and increased technological competition with China.



## June 2019

On United Nations Charter Day, the AI World Society Distinguished Lecture was co-organized by the United Nations Academic Impact and the Boston Global Forum as the United Nations Academic Impact Charter Day Lecture at the Headquarter of the United Nations in New York. The keynote by Dr. Bray explored how advances in the Internet, artificial intelligence, and data technologies had transformed communities and societies, followed by a panel discussion moderated by Maher Nasser, Director of the Outreach Division in the United Nations Department of Global Communications.

## November 2020

Novaland Group and the Michael Dukakis Institute for Leadership and Innovation held an online meeting to update the implementation of upcoming plans more than a month after signing a strategic partnership contract. According to the contract, both sides would establish the Michael Dukakis Institute-Vietnam in NovaWorld Phan Thiet (Binh Thuan) to organize leadership and creative training programs in the era of artificial intelligence at NovaWorld Phan Thiet.

## April 2022

Boston Global Forum (BGF) announced the Rebuilding Ukraine Program & AIWS City for Ukraine in the conference honoring President Zelenskyy and all Ukrainian people as 2022 BGF World Leader for Peace and Security. The Rebuilding Ukraine Program aimed to rebuild Ukraine with a smart democracy, smart cities with high-quality smart schools, where citizens are directly involved in the political decisions of the country.

## July 2023

AIWS and Social Contract for the AI Age is recognized at C20-G20 Summit India 2023 in Jaipur, India. The summit resulted in the presentation of the C20 Communique, a comprehensive inclusive survey, and policy recommendations developed. This significant document was handed over to the G20 Secretariat and representatives of G20.



**October 3, 2023**

BGF presented Amma with the 2023 World Leader for Peace and Security Award, in the Remarks of Honor: BGF highlights Amma's spiritual and humanitarian values integrated into AIWS.

To outline a comprehensive plan for ushering in an era of global enlightenment, the GEC published the "AIWS Actions to Create an Age of Global Enlightenment" Manifesto in November 2022. It emphasizes the potential of every individual as an innovator guided by the Social Contract for the AI Age, advocates for a borderless data infrastructure, and introduces the Global Enlightenment Education Program (GEEP) to empower adherents of SCAI standards. It also underscores the importance of a Global Enlightenment Economy Infrastructure (GEEI) and Polity, promoting peace, security, and prosperity while encouraging inclusive policy deliberations. Furthermore, it addresses challenges such as disinformation, proposes the AI International Accord (AIIA) and Global Digital Compact, and calls for strategic collaborations with leading institutions. The manifesto heralds the formation of the Global Enlightenment Club and proposes a series of high-profile events to propel the global enlightenment movement.





Keynote Speech of Ambassador of Ukraine to USA Oksana Markarova

Throughout this journey, Dukakis has been steering AIWS towards the forefront of discussions about creating a more enlightened world with the aid of AI, digital technologies, and advanced innovations. As he continues to promote and advocate his ideas, he inspires more and more fellow global thinkers to join this transformative initiative. His vision and relentless efforts have earned recognition from esteemed academic institutions like Harvard and MIT, as well as from global players such as Japan, the EU, and India.

The impact of the AIWS initiative was strikingly evident during the recent G20 meeting held in India in 2023, a powerful example of Dukakis' adept leadership, further cementing its relevance and significance in the global dialogue.



Michael Dukakis, Harvard professors Joseph Nye, John Quelch, Richard N. Rosecrance at the 2015 BGF Conference held at Harvard University Faculty Club



BGF Board of Directors

Chapter 4

# THE MASSACHUSETTS MIRACLE

## UNDER THE LEADERSHIP OF GOVERNOR DUKAKIS

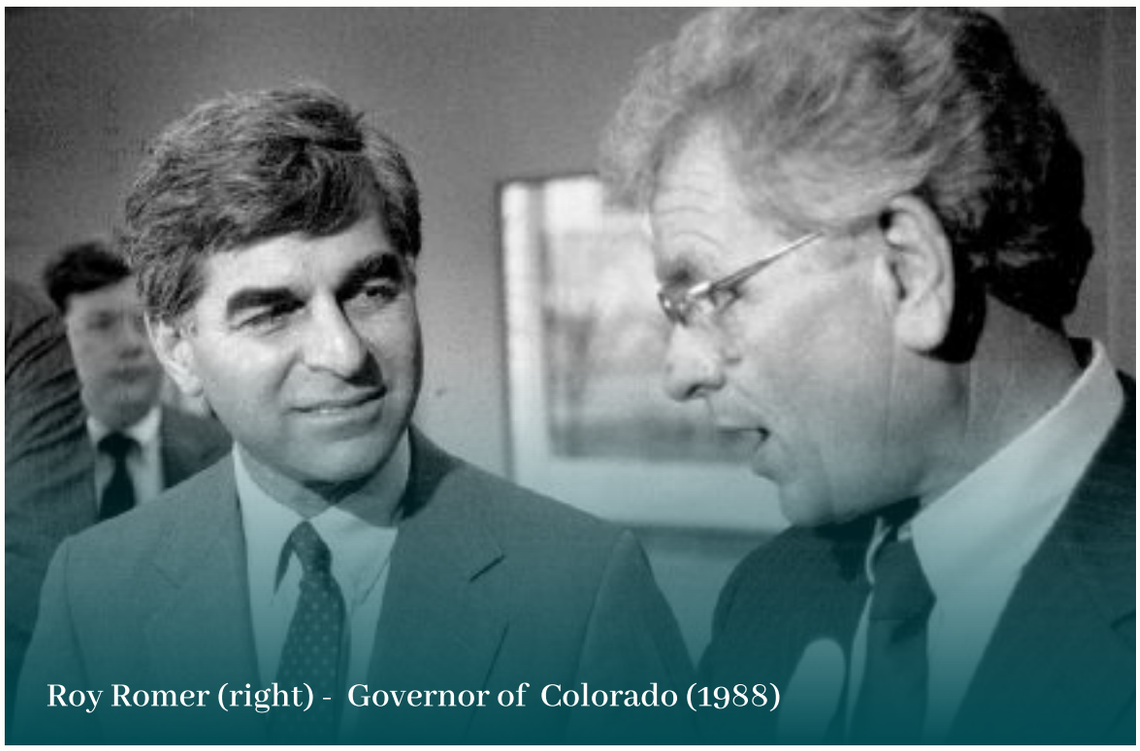




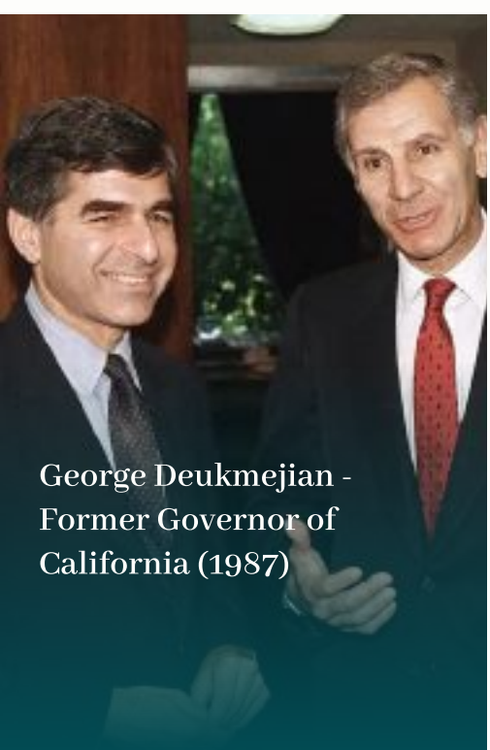
Bill Clinton - 42nd U.S. President



Jimmy Carter (shaking hand) - 39th U.S. Préident



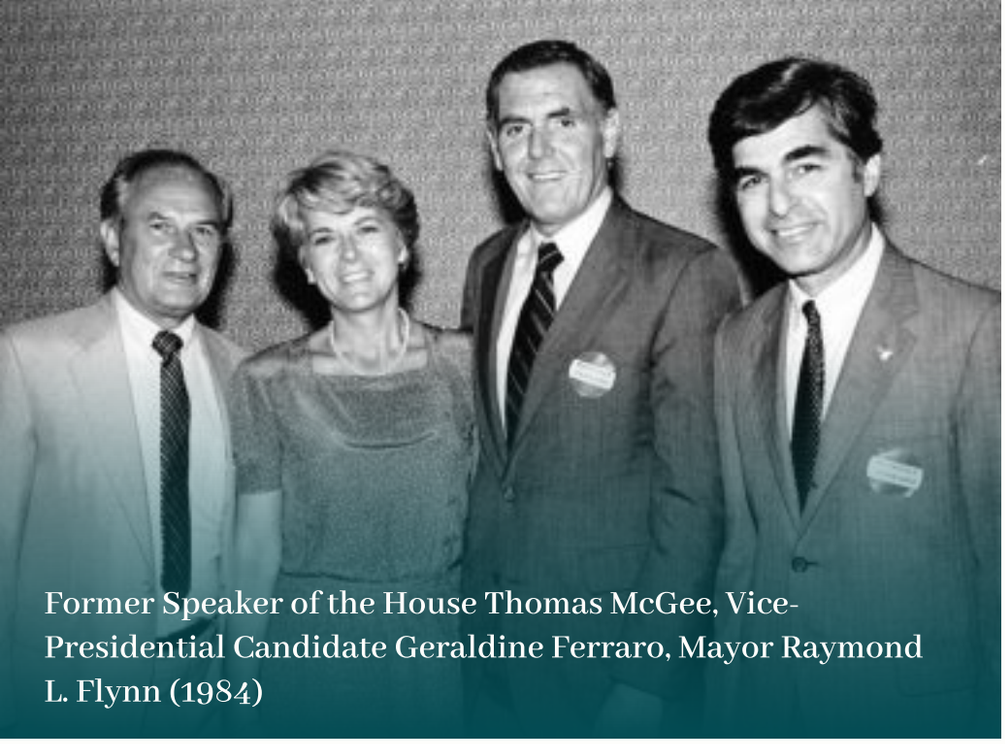
Roy Romer (right) - Governor of Colorado (1988)



George Deukmejian - Former Governor of California (1987)



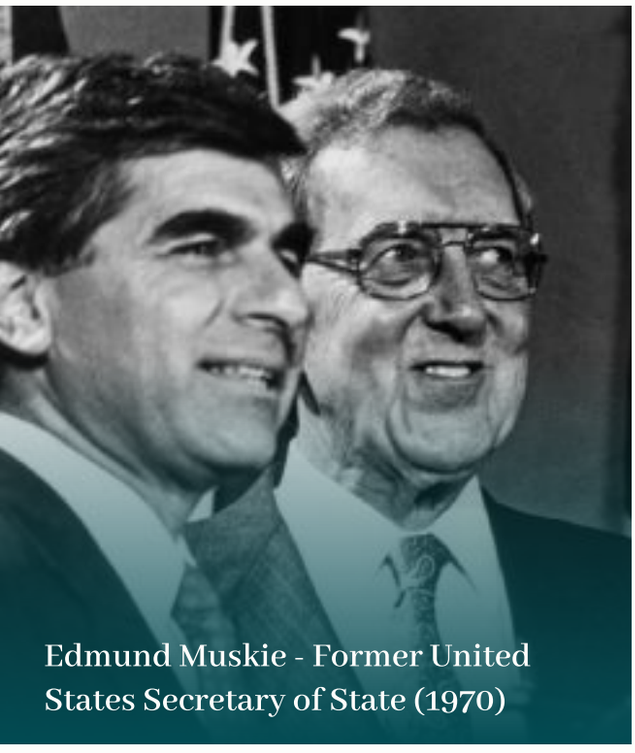
Corazon Aquino - Former President of the Philippines (1986)



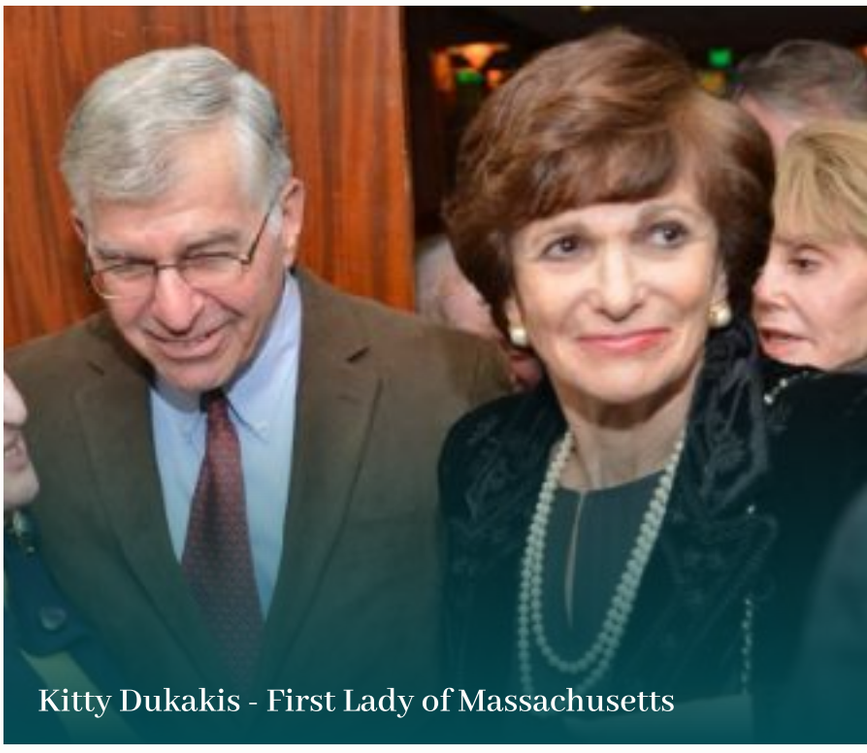
Former Speaker of the House Thomas McGee, Vice-Presidential Candidate Geraldine Ferraro, Mayor Raymond L. Flynn (1984)



Joe Biden - 46th U.S. President



Edmund Muskie - Former United States Secretary of State (1970)



Kitty Dukakis - First Lady of Massachusetts



Lady Bird Johnson (in blue) - Former First Lady of the United States (1988)



Enrico Letta - Former Prime Minister of Italy & Nguyen Anh Tuan, CEO of BGF

In the early 1970s, Massachusetts grappled with a profound economic crisis characterized by a substantial loss of over 112,000 manufacturing jobs within the five-year span from 1967 to 1972. Heightening the severity of the situation, 1971 witnessed the closure of more than 50 manufacturing plants which caused the unemployment rate to surge to over 11 percent - among the highest nationwide. The high-tech industries, which were fundamental for innovation and economic growth, experienced a significant blow. Nearly 15 percent of the lost manufacturing jobs belonged to this sector, resulting in an unprecedented rate of job displacement for scientists and engineers due to the extremely expensive cost of doing business in Massachusetts. Concurrently, the state bore one of the nation's heaviest tax burdens, thereby exerting further strain on the depressed economy. While the state's budget deficit already reached hundreds of millions of dollars, the administration did not initiate any economic planning to revitalize the situation but an expansion of the bureaucratic workforce by 33,000 still increased to over 268,000 between 1968 and 1971. Approximately 22.5 percent of the state's budget, amounting to around $576 million, was allocated for welfare purposes. This surge in welfare expenditure was emblematic of the growing distress within the population as the number of recipients surged from a modest 170,000 in 1960 to a staggering 750,000 in 1972. By early 1972, the urgent need for economic revitalization had ascended to become a serious political issue. Citizens grew increasingly frustrated with the state government's lack of concerted efforts or meaningful economic planning (Lampe, David, 1988).



Michael Dukakis was sworn in as governor at the Mass. State House in Boston on Jan. 2, 1975

However, in the 1980s, Massachusetts experienced a substantial socioeconomic transformation known as the "Massachusetts Miracle." It was during this period, with Michael Dukakis serving three terms as Governor (1975–79, 1983–91), that his competence and leadership became evident in driving impressive progress and expansion across various sectors in the state.

1

# Governor Dukakis' Transformative Leadership As Governor Of Massachusetts

## First Term (1975-1979)

In 1974, Michael Dukakis became governor in the midst of a severe economic crisis in Massachusetts. When Governor Michael Dukakis was newly elected, state spending had spiraled out of control, with the deficit skyrocketing to over $350 million and unemployment rates persisting above 9%, pushing Massachusetts to the edge of bankruptcy. Responding to this crisis, Dukakis introduced a long-term "Economic Development Plan for Massachusetts" in August 1976. It represented a significant departure from previous approaches, marking a clear commitment to proactive economic planning and development as a core responsibility of the state government. Within this comprehensive seventy-page length plan, Michael Dukakis prioritized the following key areas:

| Area | Priority |
|---|---|
| ***Energy*** | ➤ Responsible and extensive application of AI and Digital in all aspects of political, economic and social life.<br>➤ To press for the re-regulation of natural gas.<br>➤ To support exploration for oil and gas on Georges Bank.<br>➤ To establish Massachusetts as a home base for innovative energy industries, especially the solar industry. |

| Area | Priority |
|---|---|
| ***Capital*** | ➤ To activate existing State Development Programs such as the Community Development Finance Corporate (CDFC) and the Massachusetts Industrial Mortage Insurance Agency (MIMIA)<br>➤ To develop and implement a Comprehensive State Program of Financing Mechanisms for Economic Development through the Capital Formation Task Force<br>➤ To establish a New England Capital Corporation, as proposed by the New England Regional Commission |
| ***Transportation*** | ➤ To award at least $200 million in construction contracts for Highway and Transit Projects in 1976, and to sustain or increase that level of effort in future years<br>➤ To increase the amount of general cargo flowing through Massachusetts' port facilities while developing those facilities to their maximum potential |
| ***Areas*** | ➤ To foster the full realization of growth opportunities in particularly suitable areas within the Commonwealth |
| ***Industries*** | ➤ To encourage the maximum growth of new jobs in those industries that are best able to take advantage of Massachusetts' economic assets |

| Area | Priority |
|---|---|
| ***Industries*** | ➤ To secure legislative approval and quick implementation of proposed reforms in the Unemployment Insurance Program<br>➤ To bring about a better match between training programs and reasonable projections of job opportunities |
| ***State and local government*** | ➤ To practice responsible fiscal management wi the state government<br>➤ To stabilize the overall tax burden on individuals and businesses in Massachusetts<br>➤ To streamline the state's development permitting process |
| ***Federal-state relations*** | ➤ To push for National Full-Employment and Health Insurance Programs, and for basic welfare reform at the federal level.<br>➤ To join with other New England states in working toward solutions for common economic problems and in lobbying for federal policies more responsive to the region's needs |

The Economic Development Plan for Massachusetts consisted of nearly one hundred proposals designed to address key issues such as controlling state spending, reducing the costs of doing business in Massachusetts, and stimulating economic growth. It also called on the state to reform the property tax structure and institute more responsible fiscal management. While the outcomes of these strategies were not immediately evident in Dukakis' initial

Dukakis

terms, they represented a significant departure from previous approaches, marking a clear commitment to proactive economic planning and development as a core responsibility of the state government.

Michael Dukakis' leadership was evident not only in economic recovery but also during a critical moment like the Blizzard of 1978 on February 6th. This historic and devastating snowstorm left a profound impact on the northeastern United States, particularly New England. The storm brought a staggering rate of snowfall, reaching up to 4 inches per hour, accompanied by powerful wind gusts of 83 mph, resulting in widespread disruptions including halted transportation, power outages, and property damage.

In response, he immediately declared a State of Emergency, mobilized the National Guard for essential tasks such as snow removal and rescue efforts, and ensured that the state's highways were quickly cleared, enabling emergency services to reach those in need. Notably, amid the storm Dukakis stood out as the only politician in the state government to remain on duty. His choice of a practical sweater over a formal suit jacket became a symbol of his down-to-earth and approachable leadership style. Dukakis' handling of the Blizzard of 1978 earned him praise for its effectiveness and decisiveness, further solidifying his reputation as a leader who could be relied upon in times of crisis.



Michael Dukakis and his wife, Kitty, surveyed storm damage at the Point Shirley beach in Winthrop on February 12, 1978

By the end of this term, there were 253,000 new jobs, a significant portion of which, 110,000, were generated in 1978 alone. The state's unemployment rate dropped below the national average for the first time in years. However, despite these achievements, Dukakis still faced challenges arising from public discontent with high sales and property tax rates, leading him to not get renominated by the Democratic party for the subsequent term.

## Second & Third Terms (1983 - 1991)

Five years later, Dukakis staged a remarkable comeback by securing re-election as Governor in both 1982 and 1986.

> *We won some great victories - and I made every mistake in the book. And on a cold January morning in 1979, I had to make the long walk down the steps of the State House - beaten, discouraged, washed up, I thought, as an elected public official. You gave me a second chance - a very rare thing in politics. And we worked hard in that second term.*
>
> **Michael Dukakis (1990)**

Across his two consecutive terms, Michael Dukakis applied many valuable lessons and experiences gleaned from his initial tenure. His approach was evident from the start: fiscal strength, though crucial, is not the sole driver of economic growth. He outlined three foundational pillars for the state's economy: public infrastructure, capital formation for business and development, and education and training for the populace. With an even deeper commitment to public service and an extended period to demonstrate policy efficacy, he adeptly guided Massachusetts through a period of robust growth and prosperity. This era saw significant achievements in job creation, tax reforms, transportation, environmental protection, education, welfare, and healthcare.



Michael Dukakis on the first day of his second term in office as governor at the State House in Boston on January 7, 1983

Among his innovative and successful policies are:

### *Employment & Training Program Choices Program (1983)*

During his first term as Governor from 1975 to 1978, Michael Dukakis managed to lower the unemployment rate while witnessing an increase in the Aid to Families with Dependent Children (AFDC) caseload. To address this, he introduced the Employing and Training (ET) Choices Program in 1983 to help welfare recipients secure meaningful, unsubsidized employment that would lift them out of poverty. By providing training and support, the program sought to guide recipients toward jobs that paid above the poverty line.

### *Revenue Enforcement Protection Program (1983)*

In 1983, the Revenue Enforcement Protection Program (REAP) was introduced to address Massachusetts' $300 million deficit. REAP's focus was on collecting taxes from those evading payments and delinquent residents by implementing measures like amnesty, stricter penalties, involvement of private collectors, fixed interest rates, and improved service.

### *Public School Improvement Act (1985)*

Michael Dukakis took proactive measures to pass The Public School Improvement Act of 1985 which employed a multifaceted approach to elevate education in Massachusetts. Through this program, Michael Dukakis not only advocated for a minimum teacher salary of $18,000, initially supported by state funding but also encouraged ongoing professional development. Furthermore, the act addressed resource disparities between developed and underdeveloped towns through "equal-opportunity" grants, overseen by local advisory councils based on enrollment. It also established a committee to study teacher compensation, which later broadened to encompass broader educational considerations.

### *Centers of Excellence (1985)*

The Massachusetts Centers of Excellence Corporation (MCEC) is a quasi-public agency established in 1985. Its mission is to drive economic development by promoting both new technologies and innovative applications of existing ones through strategic partnerships between education, industry, and government. Under Michael Dukakis' strategic direction, specific communities were tasked with leading advancements in targeted technologies: Pittsfield focused on becoming a Center of Excellence for plastics technology, Lowell dedicated itself to solar energy, Amherst concentrated on biotechnology, Westborough specialized in microelectronics, and Worcester took the lead in marine sciences. This initiative significantly contributed to the state's economic diversification and enhanced competitiveness, solidifying Massachusetts's position as a focal point for cutting-edge industries poised for the future.

### *Governor's Alliance Against Drugs (1988)*

The alliance was formed in 1987 and focused on enhancing collaboration among various community sectors to dismantle the chain of drug abuse. Its primary objective was to raise public awareness and mobilize efforts to combat drug abuse and addiction in Massachusetts. The alliance was committed to advancing education, prevention, and treatment programs, with a particular emphasis on curbing drug abuse among the youth population in the state.



U.S. Sen. Edward Kennedy, Boston mayor Ray Flynn, and Gov. Michael Dukakis attended a drug conference in Boston, June 2, 1989

### *Homeownership Opportunity Program (1988)*

The Homeownership Opportunity Program (HOP) was introduced to address the housing crisis of the 1980s, which had left the country with a rising tide of homelessness and a tightening squeeze on low and moderate-income families. The program was aimed at about five million households that lived in rental housing and had incomes between $25,000 and $50,000. The plan offered a $5,000 tax credit to first-time homebuyers, which could be used to cover the down payment and closing costs of a home. The tax credit was to be phased out for households with incomes above $50,000. The plan also included provisions to expand the supply of affordable housing, encourage employer-assisted housing, and renovate and increase the inventory of public and subsidized housing.

### *Health Care for All (1988)*

The "Health Care for All" program was formally designated as Chapter 23 of the Acts of 1988. Enacted in April 1988, it marked the first nationwide endeavor to ensure that every resident of a state had access to essential health insurance coverage. Michael Dukakis' ambitious initiative sought to extend coverage to 600,000 individuals in the Bay State who lacked health insurance, comprising approximately 10% of the state's population. Underpinning

Underpinning the program was a "pay or play" mandate for employers, compelling them to either furnish health insurance for their employees or contribute to a fund earmarked for coverage support. Furthermore, subsidies were allocated to low-income citizens to guarantee their access to vital healthcare services.




Michael Dukakis signed the health care bill in 1988

### *Gay Civil Rights Bill (1989)*

Michael Dukakis took a significant step by signing the Gay Civil Rights Bill into law to ensure basic civil rights for gay and lesbian citizens. The law prevented discrimination based on sexual orientation in areas like employment, housing, credit, and public accommodations. It added this protection to existing laws that already covered discrimination based on race, religion, national origin, sex, or age. At the State House, there was a heartfelt ceremony to mark the occasion. Bisexuals, gays, and lesbians, along with lobbyists and legislators, gathered to celebrate the successful conclusion of their long fight for equal rights.



Michael Dukakis signed the gay rights bill into law on November 15, 1989

### *Public Transportation Programs*

Prior to 1983, the Massachusetts Department of Public Works (MDPW) was grappling with unprecedented budgetary constraints and personnel reductions, significantly hampering its capacity to oversee project design and construction. However, thanks to the strategic investments made by Michael Dukakis, MDPW received increased state funding, underwent a comprehensive operational overhaul, and brought on board new talent, including engineers, planners, administrators, and support staff.

Numerous critical public transportation projects were greenlit. These ranged from the construction of new roadways to the essential maintenance and revitalization of existing facilities. Bus and rail lines also received substantial subsidies to enhance their daily service frequency. To facilitate convenient access for commuters, park-and-ride lots were strategically constructed and made available for free parking, further improving the overall accessibility and functionality of the public transportation system. This revitalization initiative led to a marked improvement in the efficiency and effectiveness of Massachusetts' public transportation programs.

### *Welfare and Revitalization of Urban Areas Programs*

In 1985, Michael Dukakis introduced the concept of "Targets of Opportunity," aiming to revitalize economically depressed areas of Massachusetts. This innovative approach identified specific industries or businesses that could create jobs and stimulate economic growth beyond Boston. Through various state agencies, including the Centers of Excellence, Dukakis worked to facilitate loans, grants, and public improvements. He even went the extra mile by organizing bus tours for business leaders from out-of-town, all in an effort to rejuvenate towns like Lowell, Taunton, Worcester, Springfield, New Bedford, and Pittsfield, later labelled as “Gateway Cities”. This approach successfully demonstrated Dukakis' progressive approach to fostering growth and opportunity.

The genesis of the Massachusetts Miracle can be directly traced to the state's intrinsic strengths in academia and finance which were fundamentally advantageous for the growth of high-tech sectors. However, it was Michael Dukakis who not only identified and harnessed these existing advantages but also actively fostered their progression. His role extended to instilling a sense of confidence, forging collaborations across a diverse array of industries, and cultivating an environment conducive to investment and entrepreneurial spirit. Rather than passively riding the market momentum wave, Dukakis further redirected it towards depressed and overlooked areas outside Boston, thereby fostering collective growth across the entire state. These concerted efforts by Michael Dukakis, marked by strategic vision and tireless dedication, made substantial contributions to the state's resounding revitalization. In light of this, it becomes evident that the Massachusetts Miracle was an intricate interplay of various elements, with Dukakis' skilled leadership acting as the catalytic force that harnessed economic vigor and propelled it toward a broader societal and geographical transformation.



Governor Michael Dukakis spoke with former U.S. Senator Paul Tsongas during a press conference held in Lowell, MA on August 22, 1988, where Dukakis addressed urban renewal

2

# Economic And Social Achievements During The "Massachusetts Miracle" Era

In the early 1970s, Massachusetts faced a severe economic downturn; however, by the end of 1980s, there was a remarkable turnaround thanks to the leadership of Michael Dukakis and his forward-looking initiative. This era witnessed a series of significant economic and social achievements for both Dukakis and the state of Massachusetts.

## Economic revitalization and job creation

According to Governor's Office of Economic Development of Massachusetts (1987), in 1986, the statewide unemployment rate plummeted to a mere 3.8 percent, the lowest recorded since 1970. Noteworthy was the fact that December of 1986 marked the thirty-fourth consecutive month where Massachusetts boasted the lowest unemployment rate among major industrial states in America. Over the span of 1983 to 1987, the revitalized Massachusetts economy saw the creation of an impressive 343,000 new jobs alongside the establishment of over 54,000 new businesses. Over 24,000 individuals found full- or part-time employment through the ET Choice Program which not only lowered welfare caseloads but was also projected to save around $107 million annually through reduced welfare benefits and increased tax revenues. This policy even won the finalist in the Innovations in American Government Award in 1986. Real per capita income in Massachusetts experienced a notable surge, increasing by 75 percent throughout the 1980s.



Michael Dukakis signed the state's budget in his office on July 5, 1977

Through his effort to promote public-private partnerships, the economic landscape also witnessed the emergence of hundreds of successful new high technology firms, spanning various sectors such as computers, software, artificial intelligence, biotechnology, novel therapeutics,

novel materials, electronics, and medical equipment. It is these partnerships that spurred innovation and invigorated the state's economic landscape, setting a precedent for effective collaboration between the public and private sectors.

> *During his second term, he embraced business and fashioned an alphabet soup of public-private partnerships to sustain economic development. This stance, against the backdrop of a booming state economy, cemented his image as a Democrat who could deliver economic growth.*
>
> **Osborne (1988)**

The financial situation of the state also underwent a positive transformation. Transitioning from a state with a nearly $600 million budget deficit in 1975, it evolved into a financially stable entity with a $200 million surplus within four years. This shift was propelled by prudent fiscal management and strategic initiatives like the REAP which successfully collected $1.3 billion through enhanced enforcement and an additional $1.7 billion through increased compliance. This effort also led to improved audit practices and better public services. Massachusetts, through its remarkable economic revitalization, had emerged as a model for others to emulate.

## Social reforms

Michael Dukakis' approach to welfare and social reforms was commendable progressive and distinctive. Instead of adhering to the conventional paths of either increasing financial aid for recipients or imposing benefit cuts and minimum wage work mandates, Dukakis charted a distinct course. He prioritized investments in education, training, child care, and health. As each welfare recipient transitioned out of the program, it became evident that this approach yielded a tangible return on the initial investment

For example, through HOP, over $200 million was allocated for the construction of 2,500 privately built units, which were made available at prices 30 to 40% below market rates, especially benefiting first-time buyers. Dukakis also worked with private developers to construct 8,000 new housing units and secured nearly a billion dollars for public housing programs. He significantly increased funding for homelessness, raising it from $9 million in 1983 to an impressive $160 million in 1988.




Michael Dukakis announced his plan for the 1991 budget

Education was always at the forefront of Michael Dukakis' agenda. Throughout his governorship, he staunchly advocated for increased state aid to schools. This dedication is why, even amid the fiscal crisis in Massachusetts, funding for precollegiate education remained largely intact. Annual local aid experienced consistent increases from 1986 to 1988 under his leadership.

> *"No issue, no concern, no institution means more to me than education."*
>
> **Michael Dukakis**

Michael Dukakis was a strong proponent of school restructuring in Massachusetts through the Carnegie Schools for the Future program, a joint effort between the Carnegie Corporation of New York and the Massachusetts Department of Education. With a goal to enhance education quality through innovation and experimentation, the program promoted school-based management, granted schools greater autonomy, and offered professional development for educators. It also encouraged curriculum reform and stressed the importance of parent and community involvement. Despite facing initial opposition, Dukakis stood firm and continued securing additional funding to ensure the program's success.

> *"He has been a very good education governor. The record indicates that he has a commitment to education, and I think he would carry on the type of things he has done in Massachusetts."*
>
> **Paul Gorden, former Executive Director of the Massachusetts Association of School Committees**

Environmentally, Dukakis helped launch several initiatives. These included a statewide program aimed at ensuring compliance with auto emission standards, the nation's largest open-space acquisition program, legislation establishing efficiency standards for energy-using appliances, a robust coastal zone management program, and a law expediting penalties for industrial polluters. The Boston Harbor Clean up program, marked by significant investments in sewage treatment facilities, the construction of a new wastewater treatment plant, and the implementation of strict pollution control measures for industries in the region, was the greatest illustration of Governor Dukakis' enduring environmental legacy.

*A number of state laws under Dukakis have gone further than the federal government in protecting environmental interests. Massachusetts is one of the few states to require industry to cut emissions of pollutants responsible for acid rain; the first to create a state Superfund program to clean up toxic wastes, and one of the strictest in banning cancer-causing pesticides still permitted by the EPA and used elsewhere.*

**Weisskopf (1988)**

Dukakis has been a strong advocate for government policy in improving people's lives and believed that healthcare was a fundamental right, and in fact, he tirelessly worked towards this cause. Regrettably, Michael Dukakis' years of dedicated work on the Health Care for All bill, enacted in 1988, did not see full implementation due after his departure and the state legislature's failure to allocate the requisite funds; nevertheless, it provided a solid foundation and inspiration for subsequent governors to carry on its legacy. Notably, in 2006, Massachusetts passed Chapter 58, known as "Romneycare," a health reform legislation that greatly expanded access to health insurance for many previously uninsured residents.

Indeed, Michael Dukakis' most impactful legacy may well be his exemplary leadership and management practices, demonstrated by his creative and effective use of government tools, as it has become a brilliant example for many politicians in Massachusetts to emulate. Dukakis' leadership catalyzed a transformation in the relationship between businesses and the state government. This shift involved increased engagement and a more precise delineation of responsibilities for both parties in driving the state's economic development. In the period leading up to Michael Dukakis' first term, there was a notable absence of a defined government role and a clear economic plan. However, during his term, Dukakis established a multitude of policy programs and specialized agencies to facilitate various facets of business operations. His strategies were widely persuasive, and business and state leaders across Massachusetts finally came to recognize and appreciate the expanded role of state government in fostering and sustaining a robust state economy. If anyone ever argues about the role of the Massachusetts Miracle, this could be the most correct answer.



Michael Dukakis and Kitty Dukakis

*In the early 1970s, Massachusetts had no vision of its economic future, no strategy to get there, no commitment to act. But we changed all of that when, over a decade ago, we made up our minds as a Commonwealth to revitalize our cities and rebuild our industrial base. And to do that, we began to invest systematically in the building blocks of our own economic renewal.*

**Michael Dukakis**

Michael Dukakis' leadership in Massachusetts is more than just policy reforms; it is a powerful example of what a focused, dedicated government can achieve. His legacy is a reminder that progress is possible, even in the face of challenges. Dukakis' firm belief in the potential of the people and the power of effective government paved the way for the Massachusetts Miracle. It is a story that continues to inspire many generations.



Michael Dukakis and his family at their home on November 12, 1974

Chapter 5

# BOSTON GLOBAL FORUM INITIATIVES

## UNDER THE LEADERSHIP OF GOVERNOR DUKAKIS



In response to Michael Dukakis' call for action, the Boston Global Forum (BGF) was established in 2012 in Boston, Massachusetts with a mission of bringing together global thought leaders in an open forum to collectively address pressing global issues. Joining Michael Dukakis in founding this endeavor are distinguished co-founders: Nguyen Anh Tuan (former Founder & Editor-in-Chief of VietNamNet from 1997 to 2011), and esteemed Harvard Professors Thomas Patterson and John Quelch.



Michael Dukakis, Kitty Dukakis, Former Prime Minister of Australia Kevin Rudd, Harvard Professor Joseph Nye discussed at BGF Conference at Harvard University Faculty Club 2014

1

# Overview Of The Boston Global Forum's Key Initiatives And Contributions

The Boston Global Forum envisions itself as a respected, distinct, and action-oriented forum that sets an example for global collaboration to identify, deliberate, and propose meaningful, innovative, and practical solutions to the profound societal challenges of our time. Originating from a rich legacy of global thought leadership, BGF sets itself apart through its commitment to five transformative initiatives: AIWS and the Age of Global Enlightenment, Global Law and Accord on Artificial Intelligence and Digital, Shinzo Abe Initiative for Peace and Security, Global Cybersecurity Day, and United Nations Centennial. Each of these initiatives represents a dedicated effort to address pressing global challenges and shape a better future for humanity in the age of digital technologies.

## AIWS and the Age of Global Enlightenment

The AI World Society (AIWS), introduced in November 2017 by Governor Michael Dukakis and Nguyen Anh Tuan, is an initiative aimed at leveraging the potential of the digital and AI revolution for the betterment of society. AIWS includes the AIWS Model that envisions a society where creativity, innovation, tolerance, democracy, the rule of law, and individual rights are recognized and promoted, where AI is used to assist and improve government decision-making, and where AI is a means of giving citizens a larger voice in governing.



Members of BGF Board of Directors

***The Age of Global Enlightenment, closely aligned with AIWS, embodies a vision to promote global enlightenment which aims to foster global enlightenment through the following key principles:***

- Global Enlightenment Education Program: Advocating for a lifelong commitment to the pursuit of knowledge and fostering an enduring respect for its intrinsic value.
- Enlightened Communication and Discourse: Encouraging open and diverse forms of discourse, while upholding an unwavering respect for varied perspectives and a commitment to factual accuracy in both mass and personal communication.
- Enlightened Democracy and Governance: Advocating for transparency, accountability, and active participation in governance as essential pillars of a well-functioning democratic system.
- Enlightened Economy and Society: Fostering a culture of innovation and entrepreneurship, coupled with a profound sense of social responsibility towards the broader community.
- Enlightened Culture and Values: Championing the fundamental ideals of human dignity, diversity, and environmental stewardship as cornerstones of a more harmonious and enlightened world.

To rigorously assess the effectiveness of this innovative model, the AIWS City was introduced in 2020 to serve as an exclusive platform for testing the profound values of enlightenment. Within this controlled environment, the principles of the Age of Global Enlightenment can be thoroughly examined and put into practice, allowing for their real-world application and refinement.

When the AIWS model was first launched, the concept of governing AI on a global scale was still in its nascent stages and was not a prevalent topic of discussion among policymakers, academics, and industry leaders. It was not until 2018, during the G7 Summit, that the first official conversation about AI governance was initiated and led by Canada and France. Then, two years later, the world saw the introduction of the first Global Partnership on Artificial Intelligence (GPAI) with a mission to guide the responsible development and use of artificial intelligence in a manner that respects human rights and the shared democratic values of its members. Notably, during this period, the Boston Global Forum actively engaged with the G7 through the three BGF-G7 Summit Initiatives (Japan 2016, Italy 2017, and Canada 2018), advocating the integration of AI governance into the official agenda and providing substantial policy recommendations to the member countries. As one of the earliest global initiatives dedicated to the governance of AI and emerging technologies, BGF takes great pride in bringing global attention to this critical matter which has paved the way for the establishment of numerous initiatives and partnerships at the global level today.

*HIGHLIGHT*

## BGF-G7 Summit Initiatives (Japan 2016, Italy 2017, Canada 2018)

On March 28th, 2016, The BGF-G7 Summit Initiative Conference was held in Tokyo, Japan.



BGF-G7 Summit 2016 Japan


Dukakis and Tomomi Inada 2016


Dukakis and Tsutomu Himeno 2016





The initiative included 60-minute-long online dialogues featuring one speaker in each discussion – usually an internationally recognized scholar or government, business or technology leader – who will present his/her perspective on an issue, followed by interactions among 100 excellent discussants (of a wide range of ages and backgrounds) participating online from various locations around the world. The discussion continued as participants sent questions and opinions to each other by email. The Boston Global Forum's Special Editorial Board would gather their insights and send them to the speaker. There were 12 of these dialogues, with the first on Feb. 2 and the final conference to be held on May 9 at the Harvard University Faculty Club, when the most promising ideas from these dialogues would be summarized and then reported to the national leaders meeting in Japan.

In the year of 2017, BGF continued to host the BGF-G7 Summit Initiative Conference on April 25, 2017, and successfully delivered The Taormina Plan as BGF-G7 Initiative. Proposals were sent to national leaders at the G7 Summit, to be held in Italy – May 26–27, 2017. The plan proposed methods to improve cybersecurity and combat fake news through increased state cooperation.




On April 25th, 2018, the BGF-G7 Summit Initiative Conference convened at the prestigious Harvard University Faculty Club.




Governor Michael Dukakis presented the BGF-G7 Summit Initiative 2018 to the Canadian Government

The event commenced with the opening remarks delivered by Governor Michael Dukakis, Chairman of Boston Global Forum, and Michael Dukakis Institute for Leadership and Innovation. Governor Michael Dukakis also took the opportunity to announce the AIWS Standards and Practice Committee and present the BGF-G7 Summit Report to the G7 Summit 2018. The conference featured several discussions on pressing topics such as: “Ethical Frameworks – View from Leaders," "Ethical Frameworks in AIWS," "SAM: The First AI Politician," and "The BGF-G7 Summit Report: Unveiling the 7-layer Architecture of the AI World Society for AI Governance." These sessions were instrumental in advancing critical dialogues surrounding the ethical and practical dimensions of AI governance.

As part of this initiative, a significant development took place in 2020 with the creation of the Social Contract for the AI Age, which set forth the essential standards and norms for the development of the AIWS City. The new social contract carries a transformative vision that extends beyond the technical aspects of artificial intelligence - it aspires to lay the foundations for a redefined society, one that embraces new ideals and principles. In this emergent world empowered by AI and other nascent technologies, every individual is not only acknowledged but also valued. Governance at all tiers is bound by principles of accountability and transparency, while, notably, a spirit of collaboration takes precedence in tackling global challenges.

## *HIGHLIGHT*

## Distinguished Contributors To The Social Contract For The AI Age

- Governor Michael Dukakis, Boston Global Forum
- President Vaira Vīķe-Freiberga, Latvia and World Leadership Alliance-Club de Madrid
- Vint Cerf, Father of Internet, Google
- Nazli Choucri, MIT
- Prime Minister Zlatko Lagumdzija, Bosnia and Herzegovina
- Tuan Anh Nguyen, Boston Global Forum
- Thomas Patterson, Harvard University
- Alex Pentland, MIT
- Marc Rotenberg, CAIDP
- David Silbersweig, Harvard University

Stakeholders play crucial roles in this contract. Individuals, citizens, and groups are entitled to basic rights and dignity enhanced by AI. Governments have a leading role in implementing policies that respect honesty, transparency, fairness, and accountability. Business entities must enable independent audits and adopt common AI values and standards. Civil society organizations and communities monitor, promote, and support common values, while AI assistants provide an interface to facilitate compliance with established standards.

Implementation of the Social Contract involves the promulgation of a Code of Ethics for AI Developers and Users, monitoring and evaluating entities based on their contribution to maintaining norms and standards, and the recognition of the Social Contract by various stakeholders. It also includes the establishment of a United Nations Convention on Artificial Intelligence and the development of the Democratic Alliance for Digital Governance to enforce the Social Contract.

*HIGHLIGHT*

## Collaboration With MIT: Shaping The Social Contract For The AI Age

MIT Professors Nazli Choucri and Alex Pentland have made substantial contributions to the development of the Social Contract for the AI Age. Professor Choucri, an expert in Political Science, holds a distinguished position at MIT, while Professor Pentland is the esteemed Toshiba Professor of Media Arts and Sciences. The full version of Social Contract for the AI Age is now archived and easily accessible through two MIT virtual platforms: DSpace@MIT and SSRC - MIT's Sociotechnical Systems Research Center. Harvard Professor Thomas Patterson is an esteemed contributor.

*HIGHLIGHT*

# Club De Madrid And Boston Global Forum To Partner To Narrow The Gap Between The Digital And The Policy World

World Leadership Alliance-Club de Madrid (WLA-CdM) is the world's largest forum of democratic former Presidents and Prime Ministers who leverage their individual and collective leadership experiences to strengthen democratic values and leadership around the world. With a robust membership network of 126 representatives spanning Africa, the Middle East, the Americas, Asia-Pacific, and Europe, the organization wields significant influence.

Since 2020, WLA-CdM and BGF have entered into a strategic partnership, pooling diverse perspectives and expertise to confront the intricate challenges posed by AI and digital technologies. Their shared aim is to ensure that the development and governance of these technologies are firmly rooted in democratic values and principles. Among their noteworthy collaborative accomplishments are the creation of the Social Contract for the AI Age in 2020, the establishment of the Policy Lab on Transatlantic Approaches to Digital Governance in 2021, along with a host of other comprehensive reports, events, and conferences.




WLA-CDM and BGF Co-organize the Online AIWS Roundtable:
"Digital Technologies, Elections and Democracy in Times of COVID-19"

## Artificial Intelligence International Accord

The AI International Accord (AIIA) was first introduced in 2021 as a landmark framework aiming to navigate the multifaceted landscape of AI development and deployment. Developed as a follow-up to the Social Contract for the AI Age, the AIIA is designed to build the AIWS and align with the goals of the United Nations Centennial Initiative.

By definition, the AIIA is a multi-stakeholder, consensus-based international agreement that addresses the balance of influence and responsibility among governments, businesses, civil society, and individuals. It is structured to respect national authority and international commitments while ensuring the rights and responsibilities of all participants.

> *Artificial intelligence is transforming every aspect of our lives. Our goal is to stimulate a global conversation that will make sure AI is used responsibly by governments and the private sector around the world.*
>
> **Michael Dukakis**

***The principles embedded in the AIIA, influenced by the Social Contract for the AI Age, emphasize fairness, justice, responsibility, accountability, a precautionary approach, and ethics in AI.***

- Fairness and Justice: Upholding fundamental human rights, promoting data literacy for self-determination.
- Responsibility and Accountability: Emphasizing accountable policy-making and fostering data-informed democracy.
- Precaution: Ensuring a balanced power dynamic among governments, businesses, civil societies, individuals, and AI assistants from a multilateral perspective.

- Ethics in AI: Striving for sustainable, inclusive development and utilizing AI to construct a human-centric economy rooted in transparency, trustworthiness, accountability, fairness, equity, and prosperity.

As AI technologies advance, the AIIA will continue to confront challenges such as potential anti-human and anti-democratic uses of AI, and the mishandling of data. To combat these, the AIIA framework proposes operational measures including rights pertaining to data and the internet, digital education, and political participation in AI policy deliberations. A robust support system, including a code of ethics for AI developers and users, is envisioned to monitor AI performance and ensure compliance with new standards.

The Global Alliance for Digital Governance (GADG) is instrumental in implementing the AII as it coordinates resources across various sectors, protects fundamental values, and contributes to creating an effective implementation-oriented framework for the AIIA. This alliance was formed through a dynamic partnership between the Boston Global Forum and World Leadership Alliance-Club de Madrid and took its inception at the Policy Lab in September 2021.

GADG is dedicated to applying the principles and framework outlined in the AIIA. GADG facilitates collaboration between think tanks, influencers, experts, and citizens, actively contributing to the development of International Laws and Accords pertaining to AI and Digital, undertaken in conjunction with governmental bodies and international organizations. It is important to note that GADG functions as a network for resource-sharing and cooperation, rather than a formal organization that is coordinated by both BGF and AIWS, encompassing a wide spectrum of contributors - governments, organizations, companies, influencers, creators, the Global Enlightenment Community, thinkers, scientists, tech innovators, and artists.

*HIGHLIGHT*

# GADG To Support And Collaborate With The Global Internet Governance, Digital Empowerment, And Security Alliance And G20-C20 India

In May 2023, at the Civil 20 (C20) Technology and Security for One World Summit in India, BGF and GADG announced a strategic collaboration with the Global Internet Governance, Digital Empowerment, and Security Alliance (GLIDES). GLIDES is an initiative of C20 - one of the official Engagement Groups of the G20 that provides a platform for Civil Society Organizations around the world to voice people's aspirations with the world's leaders in G20.

This cooperation aims to implement action programs essential for navigating the challenges and opportunities presented by the AI age. GADG and GLIDES will serve as coordination bodies, bringing together stakeholders from the Global Enlightenment Community and Global Enlightenment Club. These organizations will facilitate dialogue, research, and knowledge sharing among experts, leaders, and institutions involved in AI governance. They will provide technical expertise and policy recommendations to support governments around the world in making informed decisions regarding AI governance.



*HIGHLIGHT*

## The C20 Communique On Social Contract For The AI Age And AIWS

We recognize the rapid and widespread change brought about by digital transformation, offering unprecedented advancements for improving the human condition. However, we call for the recognition that education or digital technologies, when improperly or maliciously used, can fuel divisions within and between societies and countries, increase insecurity, undermine human rights, and exacerbate inequalities and fervently hope that the G20 leaders will take cognizance of this and take necessary collective action. Education on emerging technologies and collaboration between stakeholders and countries is necessary for beneficial use and mitigation of potential harm and collaboration between stakeholders and countries to deal with the ever-evolving digital environment and promote a secure and inclusive digital world. We call for a new social contract to unite and protect an Artificial Intelligence World Society.



## Shinzo Abe Initiative for Peace and Security

Prime Minister Shinzo Abe, the recipient of the World Leaders Award for Peace and Security from the Boston Global Forum (BGF) on December 12, 2015, demonstrated a tireless dedication to Japan and global peace and security until his tragic assassination on July 8, 2022. In order to honor his enduring legacy and further his work, the BGF has established the Shinzo Abe Initiative for Peace and Security.



***This initiative aims to:***

- Facilitate connections among world leaders, including those from government, parliament, and businesses, as well as scholars, thinkers, and creators, to collectively strive towards a world characterized by peace, security, and prosperity.
- Continue to implement the foundational concepts outlined in the book "Remaking the World – Toward an Age of Global Enlightenment" to which Prime Minister Abe was a Distinguished Contributor.

The Shinzo Abe Initiative for Peace and Security actively supports endeavors that propel humanity toward an Age of Global Enlightenment, focusing on:

- Security in the realms of cybersecurity, AI, and digital governance, in collaboration with the Global Alliance for Digital Governance.
- Upholding peace and security in matters concerning disputes over national sovereignty and territorial integrity.
- Ensuring peace and security for citizens.

## *HIGHLIGHT*

## Japanese Former Defense Minister Yasuhide Nakayama Was Named The Coordinator Of The Shinzo Abe Initiative For Peace And Security

On January 20, 2023, the Boston Global Forum appointed Yasuhide Nakayama as the coordinator of the Shinzo Abe Initiative for Peace and Security. Drawing on his extensive background as a former Defense Minister of Japan, Nakayama will bring a wealth of experience and expertise in international security and defense matters. His appointment underscores the pivotal role Japan plays in advancing peace and security both regionally and globally.

Guided by Yasuhide Nakayama's leadership, the Shinzo Abe Initiative for Peace and Security is dedicated to tackling the most critical security issues facing the world today. Through constructive dialogue, rigorous research, and policy recommendations, the initiative will unite experts, policymakers, and leaders from across the globe to devise effective solutions for a more stable and harmonious world.



Japanese Former Defense Minister Yasuhide Nakayama

## Global Cybersecurity Day

Global Cybersecurity Day was officially launched on December 12, 2015 by the Boston Global Forum. This special event is held on December 12 at 12-noon local time in various cities around the globe to inspire the shared responsibility of the world's citizens to protect the safety, transparency, and security of the Internet. The initiative extends an open invitation to individuals from all walks of life – be they ordinary citizens, government officials, business leaders, educators, or IT experts – to engage in diverse forms of participation. On the first Global Cybersecurity Day in 2015, Secretary General of the United Nations Ban Ki-moon and Japanese Prime Minister Shinzo Abe conveyed their messages of support to the Boston Global Forum, underlining the initiative's importance in the sphere of cybersecurity.



Messages from General of the United Nations Ban Ki-moon



"A Cyber-Defense Strategy for a Nation" by Prof. Nazli Choucri




"Cyber-Defense Strategy for a Nation: Recommendation of The BGF and MDI" by Prof. Derek Reveron



"Can We Develop Norms to Control Cyber Conflict?" by Prof. Joseph Nye

## United Nations Centennial

Initiated in 2019 by the Boston Global Forum and the United Nations Academic Impact (UNAI), the United Nations Centennial initiative gathered some of the brightest minds of our time to imagine the world and the United Nations in 2045, a significant year marking the organization's centenary. Central to the initiative are principles outlined in the book "Remaking the World: Toward an Age of Global Enlightenment" which include a social contract tailored for the Artificial Intelligence (AI) age (Social Contract for the AI Age), a framework for an AI international accord, the creation of an ecosystem for the AI World Society (AIWS), and the advancement of a community-driven innovation economy. Several of these concepts are already being put into action, including the establishment of the Global Alliance for Digital Governance (GADG) and the development of AIWS City pilot models in many cities.

In this context, the discussions guided by UNAI and the Boston Global Forum in recent times have been instrumental in examining fundamental rights in a world on the brink of a profound transformation in the capacities and constraints of artificial intelligence in the next 25 years. This collaborative endeavor is expected to harness the creative potential and innovative spirit of every human being and to shape a world that resonates with the essence of our times. In doing so, it upholds the enduring commitment articulated in the United Nations Charter to champion and elevate the "dignity and worth" of every individual.

The UN Centennial programs will organize roundtable discussions, conferences, and thoughtful reflections on new concepts and solutions for our current pressing issues as we project toward the global landscape in 2045—a pivotal milestone for the United Nations. The initiative will address critical technological issues related to artificial intelligence, cybersecurity, diplomacy, warfare, and other emerging concerns. Our objective is to assess the future and the enduring role of the United Nations in cultivating a world characterized by enhanced peace, democracy, prosperity, and universal security.

The Boston Global Forum actively contributes the AI World Society initiative to the United Nations Centennial, driven by the mission of "Remaking the world – Towards the Age of Global Enlightenment."




## *HIGHLIGHT*

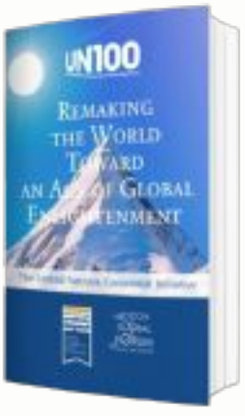
## In Collaboration With The United Nations: Introducing The Book: "Remaking The World – Towards The Age Of Global Enlightenment"

Remaking the World – The Age of Global Enlightenment is a joint initiative by the Boston Global Forum and the United Nations Academic Impact as part of the United Nations Centennial Initiative. It was officially launched in July 2021.

The book proposes pathways toward a more humane, peaceful, and secure world, largely by harnessing the potential of AI, blockchain, and other Digital Age technologies. A key proposal is the adoption of an AI International Accord that would bind nations to constructive uses of AI and prohibit destructive uses. In addition, Remaking the World – The Age of Global Enlightenment advances the Social Contract for the AI Age as the theoretical and ethical foundation of the Accord. The book also proposes the AI World Society (AIWS) as a vehicle through which individuals and civic organizations can help foster an Age of Global Enlightenment.

## Governor Michael Dukakis, Co-founder and Chair of Boston Global Forum






*"The book is a significant contribution of BGF and UNAI to shape peace, security, and a prosperous world in the AI and Digital Age. Thank Editor Nguyen Anh Tuan for his excellent work on this book and the United Nations Centennial Initiative as well as AI World Society (AIWS)."*

## Ramu Damodaran, Chief of the United Nations Academic Impact and Co-Chair of the United Nations Centennial Initiative



*"The United Nations Academic Impact is proud to join the Boston Global Forum in an initiative that looks to the 2045 centennial as an opportunity to reframe the possibilities inherent in the United Nations while remaining true to the power of its promise a century earlier."*

## MIT Professor Alex Sandy Pentland



*"Perhaps the main force driving the deployment of interledger technology is the need to repair the world's tattered finances. This suggests that a new "Bretton Woods" multilateral effort is required, with the goal of establishing interfaces, methods, and exchange standards for digital transaction platforms."*

## Nguyen Anh Tuan, CEO of Boston Global Forum



*"This path will require concerted action by governments, individuals, organizations, and firms. Each must be a source of innovation, and each must adhere to AIWS standards and values. Together, we can remake the world and usher in an Age of Global Enlightenment. I am grateful to the leaders and thinkers whose ideas inform the book. A special thank you is due to Ramu Damodaran for his support of the book project; and Governor Michael Dukakis, who heads the Boston Global Forum and has inspired much of my work".*

## BGF Framework for Global Governance of AI

On April 30, 2023, the Boston Global Forum made a significant announcement to introduce the Framework for Global Governance of AI Assistants and ChatGPT. In the immediate future, the leaders of the Boston Global Forum would continue reinforcing efforts to strengthen the existing alliance of major world democracies, involving ongoing discussions with the United States, scheduled dialogues with Japan from May to June 2023, engagement with the European Union in July 2023, and collaboration with India in September 2023. Additionally, BGF leaders have planned to extend invitations to the Vatican and other potentially influential civil society groups representing countries within this alliance.



Members of BGF Board of Directors

Major tech companies such as Alphabet/Google, Amazon, Apple, Meta, and Microsoft would also be invited to represent the private sector's opinions in the development of the framework.

***The framework's development comprises the following core components:***

- Artificial Intelligence in Digital Renaissance and Global Governance of AI: A Prologue
- Foundational Logic and Basic Principles for the Shared Framework for Global Governance of AI
- The 2023 BGF High-Level Dialogues on a Shared Framework for Governance of AI Systems
- The United States Office for Science & Technology Policy (US-OSTP) Blueprint for an AI Bill of Rights
- The United States National Security Commission on Artificial Intelligence (US-NSCAI)
- European Union General Data Protection Regulation (EU-GDPR)
- European Commission’s Artificial Intelligence Act for the European Union
- The Lancet and Financial Times Commission on Governing Health Futures with AI

The Boston Global Forum's unique position offers an impartial platform for the world's major democracies to converge around a unified framework for global AI governance. The resonance in values and principles between the BGF's AI governance initiative and parallel endeavors by like-minded democracies globally is a promising indication, which positions them well to effectively oversee the implementation of a comprehensive framework through coordinated, collaborative action. This inclusive approach, involving Big Tech, private enterprises, and public interest entities, presents a potent response to the growing influence of authoritarian tech regimes. These forces pose significant risks to the fundamental freedoms of global citizens and the establishment of a human-centered world order characterized by peace and shared prosperity in the age of AI, especially as several democratic world leaders face reelections in 2024.

2

# Impact Of The AIWS Initiative On Global Governance Of AI And Digital

Since its establishment, the AI World Society (AIWS) Initiative has played a pivotal role in shaping the governance of artificial intelligence (AI) and the digital landscape. Guided by principles aimed at maximizing positive aspects and mitigating negative impacts, AIWS seeks to establish a universally endorsed framework of policies and practices.

***Here are some key impacts of the AIWS Initiative on global governance in the AI and digital sphere:***

- **Promulgating International Standards:** The initiative advocates for international standards, norms, and frameworks to guide the development and implementation of AI, ensuring that it serves the common good and humanity. This is encapsulated in the 'Social Contract for the AI Age' and the 'AI International Accord.

- **Transversal, Mission-Oriented Approach:** AIWS encourages a collaborative, mission-oriented approach to global AI governance that involves multiple stakeholders, exemplified by the 'Global Alliance for Digital Governance.

- **United Nations Centennial Initiative:** The initiative emphasizes the central role of the United Nations Centennial Initiative in promoting global governance of AI and digital, as outlined in the book 'Remaking the World – Towards the Age of Global Enlightenment'

- **Global Recognition:** AIWS has received recognition at various high-profile summits, including the C20-G20 Summit India 2023, Riga Conferences (2019-2023), G7-Summits (G7- Summit Canada 2018, G7-Summit France 2019), and endorsements from governments of the US, Japan, European Commission, and India.

- **International Acknowledgment:** Acknowledged by the Club de Madrid, an organization comprising around 150 former presidents and prime ministers.

- **Global Presence:** AIWS has established a growing presence in key cities worldwide, including New York, Washington DC, San Francisco, Los Angeles, Tokyo, Riga, Madrid, Rome, Brussels, Stockholm, Helsinki, Paris, Berlin, Tallinn, London, Jerusalem, Vancouver, Lima, India, Hanoi, Ho Chi Minh City, Nha Trang, and Dalat.

## *HIGHLIGHT*

## AIWS-G7 Summit Initiative (France, 2019)

The AIWS-G7 Summit took place in April 2019 on the AI-Government Model for Democracy in the Age of Artificial Intelligence at Loeb House, Harvard University.

During this conference, the Next Generation Democracy – AIWS Model, consisting of three integral components: AI-Government, AI-Citizen, and AI Government Index, was introduced to the French Government in the presence of French Consul General at Boston, Arnaud Mentre. This initiative envisions a society that upholds and promotes values such as creativity, innovation, tolerance, democracy, the rule of law, and individual rights. It advocates for the responsible use of AI to enhance government decision-making processes and to empower citizens by providing them with a more substantial role in governance. The overarching goal of this Initiative is to encourage the G-7 countries to take a leading role in addressing these emerging issues.




BGF presented the AIWS-G7 Summit 2019 Initiative to the French Government

# AIWS And The Riga Conference: A Timeline Of Collaboration And Impact




The Riga Conference has been a pivotal forum for transatlantic security and foreign policy discussions since 2006. It attracts experts, academics, journalists, and business leaders, focusing on topics like defense cooperation and regional implications for the Baltic area. Since 2019, AIWS has been recognized and associated with the Riga Conference through its inclusion in key discussions and presentations that focus on the societal impacts of artificial intelligence and the promotion of global enlightenment.

**2019**

Nguyen Anh Tuan, CEO of the Boston Global Forum, presented the AIWS Social Contract 2020 in the session “Political Power in the Digital Age,” marking AIWS's inaugural contribution to the conference.

**2020**

The Quad Roundtable session featured discussions on the AIWS Social Contract's role in global peace and security, with insights from Nazli Choucri, Nguyen Anh Tuan, and Marc Rotenberg.

**2021**

The conference showcased the AIWS City model by Professor Thomas Patterson, representing a practical approach for the Age of Global Enlightenment, aligning with the United Nations Centennial initiative.

**2022**

CEO Nguyen Anh Tuan highlighted innovative principles and actions for establishing the US, EU, Japan, and India as pillars for world peace and security.

**2023**

A distinguished panel including David Bray, Cameron Kerry, Thomas Patterson, Ramu Damodaran, Caroline Louveaux, and Nguyen Anh Tuan discussed “How to Govern AI in an Age of Global Tension.” The session delved into governance challenges in a tense geopolitical landscape and AIWS's role in responsibly managing AI technologies.

Over the years, the Riga Conference has evolved to incorporate AIWS's vision, reflecting the growing significance of AI in global policy and ethical considerations. This partnership highlights the conference's adaptability and relevance in addressing contemporary global challenges.







Nguyen Anh Tuan, CEO of BGF, presented Social Contract for the AI Age and discussed with leaders: Tobias Winkle, member of the German German Bundestag; Andreas Norlén, speaker of Swedish Parliament at Riga Conference 2019

3

# Four Pillars For Peace And Security

The concept of the "Four Pillars" was introduced at the Riga Conference in 2022 by Boston Global Forum to establish a collaborative approach to governing Artificial Intelligence (AI) on a global scale. These "Four Pillars" represent four influential nations in the field of AI: the United States, Japan, the European Union-UK, and India.




***The rationale behind the Four Pillars lies in several key factors:***

- Global AI leadership: These four nations are at the forefront of AI development. They not only possess the necessary resources but also boast advanced research capabilities and the technological infrastructure vital for propelling AI forward.
- Democratic values: What sets the Four Pillars apart is their democratic nature. This implies a stronger inclination towards prioritizing ethical and responsible AI development. These nations have been actively championing ethical AI through various initiatives.
- Alignment with core values: These nations share a deep-rooted commitment to the fundamental principles of AI ethics. This includes values like transparency, accountability, fairness, and a strong focus on human-centric AI development. It is this shared foundation that makes them exceptionally suitable to lead this initiative.

- Political and economic influence: The influence of these nations on the global stage, both politically and economically, is substantial. Their active engagement in AI governance carries significant weight and can play a pivotal role in shaping international standards and norms.

The Four Pillars framework aims to leverage the leadership and influence of these nations to drive responsible AI governance worldwide. This includes establishing universally accepted standards and norms for AI ethics, driving innovation in AI technologies to address global challenges, and prioritizing the well-being and compassion of individuals in AI development. By bringing together these four influential nations, along with other stakeholders like civil society, think tanks, universities, businesses, religions, and governments, the framework seeks to create a collaborative ecosystem for governing AI. Furthermore, the framework envisions a world where AI not only enhances technological capabilities but also amplifies human strengths and mitigates weaknesses.

One year later, during the Riga Conference of 2023, the Boston Global Forum unveiled a comprehensive blueprint for constructing and deploying a global framework governing AI, with the Four Pillars positioned at its core. Outlining seven key strategies rooted in the proposed foundational principles, the plan is essential for the effective implementation of the Global Governance of AI framework.

### *Setting Standards and Norms*

The governments of the Four Pillars (US, Japan, EU-UK, India) will initiate the process of defining AI standards and norms in consultation with the Global Enlightenment Community.

These standards and norms will be based on principles of transparency, accountability, fairness, and human-centric AI development.

Collaborative international accords will be established to ensure these standards are upheld across borders and within AI technology development.

### *Engaging with Religions*

Diplomatic efforts will be made to engage major world religions (Christianity, Islam, Hinduism, Buddhism, Judaism) in discussions about the ethical implications of AI. Prominent religious leaders, scholars, and thinkers will be invited to participate in dialogues to garner their support for ethical AI development. These discussions will emphasize the importance of aligning AI technologies with values such as compassion, justice, and respect for human dignity. The effort begins with the involvement of Spiritual Leader Amma and Hinduism, with plans for future expansion to include other religions.

### *Coordination and Support*

GADG and GLIDES will serve as coordination bodies, bringing together stakeholders from the Global Enlightenment Community and Global Enlightenment Club. These organizations will facilitate dialogue, research, and knowledge sharing among experts, leaders, and institutions involved in AI governance. They will provide technical expertise and policy recommendations to support the governments of the Four Pillars in making informed decisions regarding AI governance.

### *Building an AI World Society (AIWS)*

The concept of AI World Society (AIWS), originally conceived by the Boston Global Forum and the Michael Dukakis Institute in 2017, stands as a visionary model for the responsible and ethical development of artificial intelligence.

AIWS aims to harness the transformative power of AI to create a world where technology coexists harmoniously with human values and aspirations.

This paradigm shift in AI development has been championed by the AIWS-G7 Summit Initiative in 2019, propelling the vision into the global consciousness.

An AIWS Assistant will also be developed using Kehler's advanced technology. It will serve as a reliable, intelligent companion in citizens' lives, supporting their emotional well-being and nurturing love and positivity as they strive for personal growth.

### *Building a global commons of data*

This three-step process ensures community members are involved in every step of a global commons of data. Community members can help refine the use case to be practical and beneficial to them. Community members also can ensure that data provides benefits and is appropriately protected, consistent with the needs of the community and that their governance processes regularly involve their inputs as a global commons matures. In addition, such commons of data should adhere to data principles championed by indigenous people globally (including both the FAIR and CARE data principles) to increase both the equity and the positive impact of biological data.

### *Monitoring and Adaptation*

Establish mechanisms for continuous monitoring of AI developments and alignment with established standards and norms.

Regularly review and update the global AI governance framework to address emerging challenges and opportunities.

Encourage self-regulation within the AI industry while maintaining government oversight to ensure compliance with ethical guidelines.

### *International Cooperation*

Collaborate with other countries and international organizations to expand the framework for global AI governance. This collaborative effort would involve key entities such as the United Nations, as well as countries like South Korea, Australia, Canada, Mexico, Brazil, Nigeria, Indonesia, the Philippines, and Vietnam.

Seek partnerships for joint research, data sharing, and capacity building to address global AI challenges.

Promote a unified approach to AI governance on the global stage, fostering a sense of shared responsibility.

By following this comprehensive action plan, the Four Pillars, along with the involvement of various stakeholders, can work together to establish a robust framework for the Global Governance of AI that reflects the values of compassion, ethics, and societal well-being.

Chapter 6

# WORLD LEADERS FOR PEACE AND SECURITY AWARD

## UNDER THE LEADERSHIP OF GOVERNOR DUKAKIS



The Boston Global Forum and the Michael Dukakis Institute for Leadership and Innovation are unwavering in their commitment to promoting peace, security, and social justice globally. One distinguished means through which they acknowledge and celebrate outstanding leaders in these fields is the World Leader for Peace and Security Award.

Since its inception in 2015, the World Leader for Peace and Security Award has been bestowed upon notable leaders, encompassing political and spiritual figures, who have demonstrated an unwavering commitment to the advancement of peace, security, and cybersecurity. Governor Michael Dukakis plays a pivotal role in the annual award ceremony, leveraging his considerable influence as a venerable proponent of peace and security.

WORLD LEADER FOR PEACE AND SECURITY

Among the esteemed individuals honored by Governor Dukakis are Prime Minister Shinzo Abe, Secretary-General of the United Nations Ban Ki-moon, President of the European Commission Ursula von der Leyen, Andreas Norlén, the esteemed Speaker of the Swedish Parliament, President Volodymyr Zelenskyy, and Mata Amritanandamayi Devi, a revered spiritual leader in India.

# Award Recipients

## 2023



**Mata Amritanandamayi Devi (also known as Amma)**
Indian spiritual leader
Chancellor of Amrita Vishwa Vidyapeetham

## 2022



**President of Ukraine Zelenskyy and all Ukrainian People**

## 2021



**Andreas Norlén**
Speaker of Swedish Parliament
(2018 - present)

## 2020



**Ursula von der Leyen**
President of
the European Commission
(2019 - present)

## 2019



**Vaira Vike-Freiberga**
President of Latvia
(1999 - 2007)

# Award Recipients

## 2018



**Sauli Niinistö**
President of Finland
(2012 - present)

## 2017



**Toomas Hendrik Ilves**
President of Estonia
(2006 - 2016)

## 2016



**Ban Ki-Moon**
Secretary-General
of the United Nations
(2007-2016)

## 2015



**Shinzo Abe**
Prime Minister of Japan
(2012 - 2020)



**Angela Merkel**
Chancellor of Germany
(2005-2021)

# Speech By President Von Der Leyen At The World Leader For Peace And Security Award 2020



[Video] President of the EC, Ursula von der Leyen,
speech at the World Leader for Peace and Security Award

*Dear Governor Dukakis*
*Ladies and Gentlemen,*

*It is such an honour to be here with you today. At the Michael Dukakis Institute for Leadership and Innovation, you are at the forefront of research and debate. And you definitely work on some of the world's most pressing issues. You drive the discussion on digital policy and how a human-centric approach on AI could look like. This is an issue whose importance simply cannot be overestimated. Today I would like to speak about our European perspective.*

*Ladies and Gentlemen,*

*I am a tech optimist! I believe that science and technology have the power to improve our lives. When I studied to become a medical doctor, I learned that technology saves lives. Artificial intelligence can help identify cancers that used to go undetected. And modern robots can help to perform high-precision surgery that used to be too risky just a few years ago.*

*But of course, there is another side. Some of us are deeply concerned about the role which will be left for human beings in a world run by AI. Others worry about the serious effects that algorithms can have on the health of our democracies. Who is taking the final decisions? Who is steering the flow of information? Who is deciding on rules?*

*The world that we see through social media platforms seems real. But it is constructed. A list of search results seems objective. But it is different for each and every one of us. Steered by algorithms. Thousands of likes and retweets create a sense of unity. While we literally live in different worlds.*

*Yes, algorithms can be a danger to our democracy. But they do not have to be. We have the power to protect ourselves. This is why, next week, the European Commission will present its Digital Services Act to make sure that platforms are transparent about the way algorithms work. And that they take responsibility for their systemic effects. We just cannot leave decisions, which have a huge impact on our democracies, to systems, which are a black box for us. There must be at least transparency on how the algorithm works.*

*AI can have profound impacts on the life of the individual. AI may influence who to recruit for a certain post or whether to grant a certain pension application. For people to accept a role for AI in such decisions, they must be comprehensible. And they must respect people's legal rights – just like any human decision-maker must. This is why we have to be able to examine the workings of the system and to ensure human oversight. Our aim is to create an AI ecosystem of trust.*

*This is our European way of dealing with AI: Yes, Europe embraces innovation and entrepreneurship. And yes, we are eager to explore the full potential of AI for our industry and services. But we will never lose sight of those who are meant to benefit from these technological wonders – our citizens. What sets Europe apart from competitors like China is not the size of our tech sector or how attractive we are for venture capital. What sets Europe apart from competitors is the fact that our values come first. Human beings come first.*

*Dear Governor Dukakis*
*Ladies and Gentlemen,*

*I am so honored to receive this award today. For me this is also a very personal starting point for a great new beginning between the U.S. and Europe. A partnership that has been tested time and again. A partnership that today is needed more than ever, not at least in the digital world. The way we approach algorithms and AI will define the world we live in.*

*This is why the EU proposes to start work on a Transatlantic AI Agreement. We want to set a blueprint for regional and global standards aligned with our values: Human rights, and pluralism, inclusion and the protection of privacy. A transatlantic dialogue on the responsibility of online platforms!*

*Together, we could set the blueprint for other democracies facing the same challenges. To make sure that algorithms and AI are a force for good. Once again: I am delighted to be with you today!*

*Thank you!*

## *HIGHLIGHT*

# Speech By Prime Minister Of Japan Shinzo Abe At The World Leader For Peace And Security Award 2015




Prime Minister Shinzo Abe, speech at the World Leader for Peace and Security Award

*Greetings to everyone attending the Conference. I am Prime Minister Shinzo Abe.*

*This year marks the third anniversary of the launch of the Boston Global Forum. I offer my heartfelt congratulations seeing this Conference convene today at such a grand scale. I very much appreciate having been chosen to receive the World Leader in Cybersecurity Award. I consider it a great honor.*

*We are now at the advent of an era in which everything will connect to the Internet, and information and communication technology will link into and permeate goods and services. Ensuring security in cyberspace – "cybersecurity" – is the indispensable foundation for advancing our utilization of IT and realizing our Growth Strategy. It is at the same time a gravely important issue for national security and crisis management.*

*Japan is now preparing for the Ise-Shima Summit in 2016 and the Tokyo Olympic and Paralympic Games in 2020. It is imperative that we take all possible means to ensure cybersecurity so that we can be certain to lead both of these to a successful conclusion. In light of this, we are now engaged as a nation in all-out efforts to reinforce cybersecurity. These include the government's enactment of the Basic Act on Cybersecurity in November 2014 and a Cabinet Decision taken in September this year on our new "Cybersecurity Strategy."*



Governor Michael Dukakis presented the BGF-G7 Summit 2016
Initiative to the Japanese Government

*Cyber attacks have been on the increase year after year. We have also begun to see organized advanced attack techniques that lead to suspicion of state actor involvement. In the future, threats to the international community are expected to escalate further. Japan will continue to cooperate closely with the U.S and other partners in the international community, reliably safeguarding our nation's important information and property while playing a leading role in achieving the peace and stability of the international community.*

*It is greatly reassuring to me that the members of the Boston Global Forum are promoting cybersecurity-related awareness-raising activities and fostering discussions in various countries around the world. Today, on Cybersecurity Day, your representatives from all around the world will hold various discussions. I wish to close my remarks with my sincere hope that efforts to build security in cyberspace progress still further, with these discussions as a turning point.*

# Chapter 7

# WORLD LEADERS IN AIWS AWARD

## UNDER THE LEADERSHIP OF GOVERNOR DUKAKIS



On an annual basis, Michael Dukakis would extend his statements of recognition to exceptional global leaders through the conferment of the World Leader in AIWS Award. The award pays tribute to individuals who have demonstrated remarkable dedication to the ethical advancement and implementation of AI on a global scale. This prestigious accolade not only celebrates the outstanding achievements of these individuals but also serves as a compelling example of the positive impact that effective leadership can have in the dynamic landscape of AI.




Michael Dukakis Institute honored Ambassador Amandeep Singh Gill, Under – Secretary – General and United Nations Envoy on Technology, with the World Leader in AIWS Award 2022

Annually presented at the Boston Global Forum's AI World Society Summit, an event that convenes global leaders to deliberate on the societal implications of AI and formulate strategies for its responsible development and application, the award has emerged as a significant marker of excellence in the field.

In fact, the award and its ideals are deeply intertwined with the vision and commitment of Michael Dukakis, whose advocacy and leadership have played an essential role in shaping the direction of this initiative. Governor Dukakis has actively encouraged policymakers, industry leaders, and stakeholders to contribute to the formulation of AI policies and practices that prioritize the well-being of society. Notable figures such as Ambassador Amandeep Singh Gill, the Under-Secretary-General and United Nations Envoy on Technology, Angel Gurria, Secretary-General of the OECD, Japanese Minister of Economic Security Sanae Takaichi, and Father of the Internet Vint Cerf are among the recent recipients of this esteemed award.

# Award Recipients

WORLD LEADER IN AI WORLD SOCIETY

## 2023



**Sanae Takaichi**
Japan's Minister of State for Economic Security
(2022 - present)

## 2022



**Amandeep Singh Gill**
Secretary-General's Envoy on Technology
(2022 - present)

## 2021



**Stavros Lambrinidis**
Ambassador of the European Union to the United States
(2019 - Present)

## 2020



**Judea Pearl**
Professor of Computer Science
University of California

## 2019



**Vint Cerf**
Internet Pioneer
Father of the Internet

## 2019



**José Ángel Gurría**
OECD Secretary-General
(2006 - 2021)

## HIGHLIGHT

# Speech By Japan's Minister Of State For Economic Security Sanae Takaichi For The World Leader In AIWS Award




*Good morning, Governor Michael Dukakis, CEO Nguyen Anh Tuan, ladies and gentlemen. My name is Takaichi Sanae.*

*Congratulations on holding a conference in commemoration of Governor Dukakis' 90th birthday. I am extremely honored and grateful for receiving the World Leader in Artificial Intelligence World Society Award 2023 from Governor Dukakis.*

*From 1987 to 1989, I was working as a Congressional Fellow for Democratic Congresswoman Patricia Schroder, who was a pioneer among women in politics and sadly passed away last month. I still vividly remember I was involved in the "Dukakis for President" campaign in the 1988 presidential election. I was enthusiastically rooting for him while holding up his sign. Please take a look at this picture. I am now feeling deeply connected with Governor Dukakis and the Boston Global Forum, as I have received such a prestigious award as Minister in charge of Economic Security today.*

*As you are fully aware, the concept of "Economic Security," is now quite widespread. Japan pioneered in this field and set up the post of Minister exclusively in charge of economic security in October 2021.*

*Last May, we enacted the new Economic Security Promotion Act. This act has four main pillars: First, supply chain resilience Second, promotion of public-private cooperation on critical and emerging technologies Third, ensuring security and safety of essential infrastructure, Fourth, non-disclosure of certain patent applications.*

*As the second Minister in charge of Economic Security, I am currently focusing on the smooth and effective implementation of this Act. In addition, Japan is considering the establishment of a security clearance system in the field of economic security. Major countries have such a system, while Japan does not. Now we are carrying out our studies, while consulting with experts from industry and academia to seek their views and needs. My understanding is that no Minister in charge of economic security has been appointed in the United States or other countries.*

*I am the Minister in charge of not only economic security but also science and technology policy. The theme of today's meeting, "AI Assistant Regulation," has rapidly gained interest in Japan as well due to the impact of the emergence of generative AI systems like ChatGPT.*

*AI is an important technology that will support our society in the future. As it continues to spread throughout various aspects of people's lives and the economy, the pace of technological innovation is remarkable, and new challenges are arising. We fully recognize these facts. Japan's AI strategies have been formulated with the “Council for science, technology and innovation” or CSTI under my control. The latest version was compiled in April of last year. However, in light of the emergence of generative AI systems, we need to consider a new strategy to respond appropriately to the new era.*

*Under the new strategy, we would like to identify the technologies and initiatives that our country should focus on globally, and create an environment to invest resources strategically.*

*Finally, I would like to thank you once again for the honorable award and wish you much success in this conference.*

# Chapter 8

# AIWS CITY AND GLOBAL ENLIGHTENMENT MOUNTAIN

## UNDER THE LEADERSHIP OF GOVERNOR DUKAKIS



In the book "Remaking the World – The Age of Global Enlightenment," the UN Centennial Initiative introduced a comprehensive plan to implement the innovative AIWS ecosystem in society.

***This ecosystem facilitates the creation and exchange of AIWS values within the social sphere, which includes:***

- Developing a set of criteria for valuing AIWS creativity and innovation, encompassing twelve distinct innovation criteria.
- Establishing a global platform for the exchange of creative and innovative ideas within the AIWS community.
- Creating a global educational system focused on fostering global enlightenment in alignment with AIWS principles.
- Ensuring the state implements a rigorous and transparent legal framework to safeguard the values of creativity and innovation.
- Cultivating a cultural and psychosocial environment that nurtures and promotes innovation while embodying qualities of compassion, tolerance, and nobility.

To test and pilot this model, Artificial Intelligence World Society (AIWS City) was created as a digital and virtual environment that embodies the principles and values of the AIWS initiative, serving as a living laboratory and allowing for the practical application and experimentation of AIWS's forward-thinking concepts.

1

# The Vision Behind AIWS City And Its Role In Empowering Citizens In The Age Of AI

The concept of AIWS City was officially introduced on August 21, 2020, during the United Nations Centennial Roundtable, a collaborative effort between the United Nations Academic Impact and the Boston Global Forum to commemorate the first century of the United Nations.

AIWS City is a virtual digital city that brings together the cultural, historical, creative, innovative, and artistic values of humanity enabled by AI and blockchain. Within the AIWS framework, the establishment of AIWS City operates in strict accordance with the principles outlined in the Social Contract for the AI Age: to achieve balanced power dynamics among governments, businesses, civil society, individuals, and AI assistants. In this dynamic environment, individuals, businesses, and institutions collaborate and innovate to harness the potential of artificial intelligence, digital technologies, blockchain, and data science for the betterment of society.



One noteworthy aspect of AIWS City is the integration of AI Assistants from the outset, notably exemplified by ChatGPT, to simplify and enhance the daily lives of the city residents by providing citizens with quick access to information, automating laborious tasks, and offering valuable insights in real-time. This integration highlights how AI has the potential to significantly improve everyday experiences, making tasks more efficient and

fostering innovative learning approaches. It also emphasizes the importance of responsible AI governance and ethical considerations to ensure that AI development and implementation benefit society at large.

> *The AIWS City will create new values as AIWS rewards and presents AIWS Awards to honor new ideas, initiatives, and solutions by thinkers and creators in an effort to build a civilized, prosperous, peaceful, and happy world.*
>
> **Michael Dukakis**

***AIWS City platform support:***

- Data Economy: Fostering a landscape where every citizen becomes an innovator in AIWS – the Age of Global Enlightenment.
- Ethical AI Development: Prioritizing AI technologies that align with ethical principles, human rights, and societal values, reflecting Amma's love and empathy for all beings.
- Support for Innovation: Global Enlightenment Mountain Program is reinventing Silicon Valley, connecting innovation centers of the US, Japan, EU-UK, and India, designing and applying regulations that foster innovation while safeguarding against potential risks, resulting in AI technologies that benefit society, in harmony with Amma's vision for a better world.



*HIGHLIGHT*

## AIWS City Comprises The Following Components:




- **AIWS House of Honor:** A digital abode honoring recipients of the World Leader for Peace and Security Award, World Leader in AIWS Award, and Global Enlightenment Leaders such as Shinzo Abe, Ursula von der Leyen, Amma, and Michael Dukakis. Continuously updated, it serves as an inspiration for individuals to unite in shaping a better world in the Age of AI and Digital.
- **AIWS University:** A digital-age institution focusing on AI, cybersecurity, and ethical leadership.
- **AIWS Global Enlightenment Education Program:** Daily updates for awareness of global affairs.
- **AIWS Forum:** Talks by digital thought leaders and community discussions.
- **AIWS History of AI House:** Venue for AI-related discussions and exhibits.
- **AIWS Window on the World:** Virtual tours and interactions with creative minds.

- **AIWS Global Enlightenment Mountain:** Reinvents Silicon Valley, Incubator for socially responsible ideas Promotes ethical products, supports small businesses. It is an AIWS Innovation Hub.
- **AIWS Rewards Program:** Explores value-based marketplace for societal contributions.

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On September 9, 2021, Professor David Silbersweig of Harvard University inaugurated AIWS City at https://aiws.city during the Policy Lab on Fundamental Rights in AI & Digital Societies: Towards an International Accord, co-organized by the Club de Madrid and Boston Global Forum. AIWS City has begun accepting registrations since September 23, 2021, marking the beginning of a collective effort by its members to form a united Global Enlightenment Community and work harmoniously towards the realization of the Age of Global Enlightenment. AIWS City now has offices in Boston, Massachusetts (USA); Tokyo (Japan), Stockholm (Sweden), Zurich (Switzerland), and NovaWorld Phan Thiet, Hanoi, and Nha Trang (Vietnam) with plans to expand to other locations at a later time.




Professor David Silbersweig of Harvard University inaugurated AIWS City at https://aiws.city during the Policy Lab on Fundamental Rights in AI & Digital Societies: Towards an International Accord, co-organized by the Club de Madrid and Boston Global Forum.

Following this official launch, at the Riga Conference 2021 on October 14, 2021, Harvard Professor Thomas Patterson presented AIWS City as a practical blueprint for the Age of Global Enlightenment.

This innovative model holds the potential to serve as a potent tool for advancing global enlightenment and enabling citizens to actively participate in governmental policy and decision-making processes. It establishes a platform for constructive dialogue, learning, and mutual understanding of fundamental principles and practices, fostering consensus among members of society for shared social benefit. By convening leaders from diverse fields to deliberate on crucial issues related to AI policy and practices, AIWS City aims to cultivate a more civilized and prosperous world, rooted in core human values. Simultaneously, through AI-powered platforms, citizens can contribute their ideas and feedback, influencing the city's policies and initiatives in which AI is instrumental in analyzing citizen input and involvement in decision-making, ultimately fostering governance characterized by inclusivity, transparency, and responsiveness.





On September 24, 2021, HE. Kolinda Grabar-Kitarovic, President of Croatia (2015-2020) gave a keynote speech at the United Nations Centennial Roundtable. Governor Michael Dukakis, co-founder and Chair of the Boston Global Forum (BGF), was moderator, with CEO of BGF Nguyen Anh Tuan, and Harvard Professors Thomas Patterson and David Silbersweig as panelists.

Additionally, the AIWS City has served as a platform for several global thinkers, their collective wisdom and contributions forming the essence of the city's vision. These distinguished individuals, hailing from various sectors and communities, have lent their expertise and insights to shape AIWS City into a thriving hub of intellectual exchange and visionary pursuits. Through their diverse perspectives and shared commitment to the ideals of progress and enlightenment in the age of digital technology, they have played an integral role in fostering a dynamic environment that empowers individuals to engage with the pressing issues of our time and work towards a more enlightened and harmonious global society.

# The AIWS City Board of Leaders



Governor Michael Dukakis
Chairman of the
Boston Global Forum



Nguyen Anh Tuan
CEO of the Boston Global Forum



Alex Pentland
Professor of MIT



Vint Cerf
Chief Internet Evangelist of Google



Vaira Vike-Freiberga
Former Latvian and Club de Madrid President

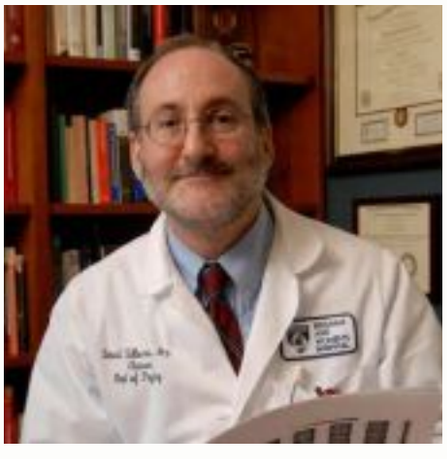
# The AIWS City Board of Leaders



Zlatko Lagumdzija
Former Prime Minister
of Bosnia and Herzegovina



Nazli Choucri
Professor of MIT



David Silbersweig
Professor of Harvard University



Thomas Patterson
Professor of Harvard University



Ambassador Ichiro Fujisaki

The AIWS City model brilliantly encapsulates Michael Dukakis' leadership philosophy which places a profound emphasis on democratic values, citizen empowerment, social justice, education, and innovation. These principles, as demonstrated throughout his tenure as Governor, form the foundation of the AIWS City concept. Each value and practice is grounded in rigorous research, scientific inquiry, and the application of cutting-edge technology, all with the singular aim of enhancing the lives of citizens. Hence, expanding the reach of the AIWS City model globally offers a unique opportunity to leverage AI in a manner that is ethically and socially responsible. It not only fuels innovation but also establishes a robust framework for safeguarding individual rights and interests, fostering inclusivity and equitable technological progress.

## *HIGHLIGHT*

## AIWS City Embodying The Spirit Of Amma For The Age Of Global Enlightenment At C20 India 2023 Summit

Sri Mata Amritanandamayi Devi, widely known as "Amma," is a spiritual leader, humanitarian, and visionary whose impact resonates worldwide. In a significant acknowledgment of her contributions, she has been awarded the esteemed World Leaders for Peace and Security Award for 2023. This recognition stems from her profound embrace of over 40 million individuals, a gesture that has spurred a global movement of volunteers dedicated to alleviating the suffering of the underprivileged. Due to her lifetime of experience in the successful management of humanitarian programs, when India assumed the Presidency of the G20 in 2023, Amma was made Chair of the Civil20 to consult with other civil-society organizations and present a “policy pack” of recommended initiatives to the Prime Minister prior to the G20 meeting in Delhi.

At the C20 India 2023 Summit, CEO Nguyen Anh Tuan represented the Boston Global Forum as a keynote speaker to deliver a significant message. He announced the firm commitment of GADG and the Global Enlightenment Community to C20's GLIDES initiatives, signifying their collective resolve to bring the AIWS model to fruition and propel the world into the transformative Age of Global Enlightenment. Together, joint effort envisions governance guided by conscientious human action and driven by clear objectives, illustrating the seamless integration of human ingenuity with emerging technologies.





**Mata Amritanandamayi's 70th birthday fete**

Coimbatore, Oct 5: Prime Minister Narendra Modi in a video address greeted the spiritual leader Mata Amritanandamayi Devi on her 70th birthday which was celebrated with the participation of thousands of people at the two-day fete held at Amrita University campus. Mata Amritanandamayi Devi was honoured with the prestigious 'World Leader for Peace and Security Award. The formal event, brought together representatives from 193 countries and was graced by the presence of Kerala Governor Arif Mohammed Khan, Union Cabinet Minister Mahendra Nath Pandey, Union Ministers Ashwini Kumar Choubey and V. Muraleedharan, Deputy Speaker of the Legislative Assembly Chittayam Gopakumar and the opposition leader of Kerala VD Satheesan

At this event, the Boston Global Forum also announced the establishment of the "Amma House" within the House of Honor at AIWS City. Amma's legacy of selfless service and dedication to bettering humanity align closely with the core principles of the Boston Global Forum and AIWS City. The Amma House will serve as a symbol of her lasting impact and an inspiration for future generations committed to creating a more peaceful and secure world.



2

# Global Enlightenment Mountain As A Hub For Technological Support And Oversight

The Global Enlightenment Mountain Program (GEM) was introduced by the Boston Global Forum during the Second BGF High-level Dialogue on Regulation Framework for ChatGPT, GPT-4, and AI Assistants on March 22, 2023. This initiative seeks to establish a virtual Silicon Valley model tailored for the AI World Society, uniting research centers, university laboratories, and technology innovation companies from around the world.

***The missions of GEM entail:***

**Connecting Resources for Innovation:** The Global Enlightenment Mountain Program aspires to create an ecosystem where financial investment resources and exceptional human capital converge to drive the development and market implementation of innovative technologies. By leveraging the collective strength of diverse resources from various regions, the program envisions an environment where novel products and technologies emerge at an accelerated pace, shaping the digital landscape of the future.

**Market-Centric Approach:** Through intensive collaboration with end-users and stakeholders, the program endeavors to pinpoint areas where emerging technologies can have the most profound impact. By doing so, it actively supports the development of products that seamlessly align with these identified needs. Additionally, the program provides critical support in key areas such as branding, market entry strategies, and community development, ensuring not only adoption but sustained success.

***Components of the Global Enlightenment Mountain Program:***

**Global Enlightenment Mountain Labs and Centers:** This vital component serves as the foundation of collaboration, acting as a nexus for research centers, leading university laboratories, and pioneering technology companies from various countries. Beyond encouraging cross-pollination of ideas, it aims to attract and nurture young talent from around the world, thereby fostering the next generation of innovators.

**Global Enlightenment Mountain Market:** GEM collaborates closely with end-users and stakeholders to discern areas where new technologies can have the most significant impact. It provides robust support to ensure that the products developed effectively address these needs. Furthermore, GEM lends invaluable assistance in critical areas such as formulating branding strategies, devising market entry plans, and fostering community development, thereby ensuring not only adoption but sustained success.

**Global Enlightenment Mountain Finance:** This component seeks to bridge the gap between financial investment resources and talented individuals. By pooling resources from various sources, it seeks to accelerate the pace of innovation, allowing for a rapid transformation of ideas into tangible technological advancements.

**Global Enlightenment Mountain Policy:** A crucial facet of the program involves the development of policies and regulations that actively support innovation and collaboration in the technology industry. By creating an enabling environment, the program seeks to facilitate the seamless integration of emerging technologies into society.

The GEM represents an exciting and innovative approach to fostering collaboration and innovation in the technology industry. Through its unique virtual model and focus on connecting resources and understanding market needs, the program is well-positioned to drive meaningful change and shape the future of the digital era. By leveraging the collective knowledge and resources of research centers, labs of leading universities, pioneering technology innovation companies from various countries including the US, Japan, India, Europe, Canada, Australia, South Korea, and Israel, the program seeks to foster innovation and collaboration in the technology industry.



*HIGHLIGHT*

# Japan's Strategic Role In The Global Enlightenment Mountain Program

The Shinzo Abe Initiative 2nd Conference: Japan’s Prominence in the New Age of Global Enlightenment on April 2023.

Japan has emerged as a strategic partner in the Global Enlightenment Mountain Program, aligning its strategies with the United States, India, and Europe to establish a transformative virtual Silicon Valley model for the AI World Society.

Japan's targeted areas of focus will include:

## Shared Innovation Ecosystems Program

Japan actively participates in this program alongside the United States, India, and Europe. The program's primary focus lies in forging a common market across continents, positioning the US, Japan, Europe, and India as formidable players in the technology-driven economy. This collaborative effort forms the cornerstone of the Global Enlightenment Mountain's vision.

## Investment in Pioneering Digital Products and Services

Japan plays a proactive role in investing in pioneering digital products and services, further reinforcing the Global Enlightenment Mountain's potential for global impact. By attracting young talents from Vietnam and Southeast Asia, Japan enhances the program's momentum and expands its reach.

## Manufacturing Excellence

Japan's role as a major manufacturer of high-quality, cutting-edge products for the common market shared by the US, Japan, India, and Europe is critical to the success of the Global Enlightenment Mountain Program. This manufacturing prowess not only strengthens Japan's economic position but also bolsters the program's overall impact.

## Leveraging the Global Enlightenment Community

Japan strategically leverages the Global Enlightenment Community and the Boston Global Forum’s Global Alliance for Digital Governance to bolster its economic development cooperation role. By capitalizing on the resources and geopolitical networks offered by the Global Enlightenment Community, Japan aims to fortify its standing as a major economic power, particularly in the realms of innovation and technology.

Through these commitments, Japan plays a central role in building the Global Enlightenment Mountain which holds immense potential to fortify Japan's economy, rendering it more robust, vibrant, and resilient in the digital era. Pioneering programs, such as the AI Sentiment Assistants Program, further exemplify Japan's proactive role in advancing AI, data, and cognitive technologies for the betterment of society.



The Boston Global Forum was set to honor and memorialize former Prime Minister Shinzo Abe as a Global Enlightenment Leader at the Shinzo Abe Conference, which took place on April 5th in Tokyo.

3

# AIWS City For Rebuilding Ukraine

In the wake of Russia's invasion of Ukraine, Michael Dukakis recognized the urgency of providing support to the beleaguered nation. The conflict has exacted a heavy toll, resulting in significant loss of life and widespread devastation, with indiscriminate Russian bombings leaving cities and towns in ruins. The ongoing war underscores the pressing need for both military and humanitarian aid, and raises questions about Ukraine's future in the post-war era.

Dukakis, drawing on his extensive experience in state revitalization during times of crisis, initiated the AIWS City for the Rebuilding Ukraine Program in 2022. This ambitious program aims not only to coordinate the efforts of global leaders, thinkers, innovators, governments, corporations, and organizations in ending the war and addressing the basic needs of the Ukrainian people, but also to guide the country in building itself into a model of peace, stability, and prosperity through the application of the principles and technologies of the AIWS City model.

The primary objective of this program is to assist Ukraine in transforming its devastated cities into smart and democratic urban centers. These cities will be characterized by active citizen participation in political decisions, institutions that champion kind, humane, civilized, creative, and innovative policies, and a legal framework that ensures equal opportunities for all. The rebuilding process will draw upon the standards, norms, and values outlined in the Social Contract for the AI Age, as well



Volodymyr Zelenskyy
President of Ukraine

as concepts presented in the book "Remaking the World – Toward an Age of Global Enlightenment" Advanced analytics and virtual connectivity will be instrumental in the reconstruction process. Additionally, the program advocates for the establishment of an e-government platform utilizing blockchain technology to enhance governmental efficiency and transparency.

The program unfolds in two distinct phases: Civic and Social Engagement, and AIWS Government for Ukraine.

## In Phase 1

Civic and Social Engagement, the program introduces various projects and programs tailored to rebuilding Ukraine:

- **Michael Dukakis Leadership Fellows for Ukraine:** MDI is dedicated to the development and support of young Ukrainian leaders.
- **AIWS Leadership for Ukraine:** MDI focuses on educating leaders who will play a pivotal role in leading and rebuilding Ukraine.
- **AIWS University for Ukraine:** The component aims to support Ukrainian students and universities through various means, including the establishment of an "Online Center of Knowledge for Innovation." It will also provide online resources to guide Ukrainian refugees in quickly rebuilding their lives and apply AIWS Awards to recognize the contributions of students and scholars to Ukrainian education.
- **Creating and Building Global Brand Names for Ukraine:** Led by Professor John Quelch and Nguyen Anh Tuan, the component focuses on advising and promoting high-quality products and services from Ukraine to attain global recognition.

## In Phase 2

AIWS Government for Ukraine, the program seeks to establish a "smart" government enhanced by AI and digital technologies. It envisions the development of the next generation of digital public infrastructure, drawing inspiration from leading digital government models worldwide. The AIWS Citizen and Information Ecosystem for Ukraine and the Ukraine Community Innovation Ecosystem are designed to foster national resilience to sustain during the time of any crises in the future. Moreover, the program proposes a revamped set of tax policies within the AIWS Financial System to stimulate future growth and prosperity for Ukraine.

Led by esteemed figures including Governor Michael Dukakis, Prime Minister Zlatko Lagumdzija, and BGF CEO Nguyen Anh Tuan, Jason Furman, Mats Karlsson, Alex Sandy Pentland, and Jeff Saviano, these initiatives collectively aspire to guide Ukraine towards a brighter, more prosperous future in post-war era. The program's success is grounded on collaborative efforts from cities, governments, companies, and foundations, all working together to support Ukraine in its journey towards reconstruction and revitalization.

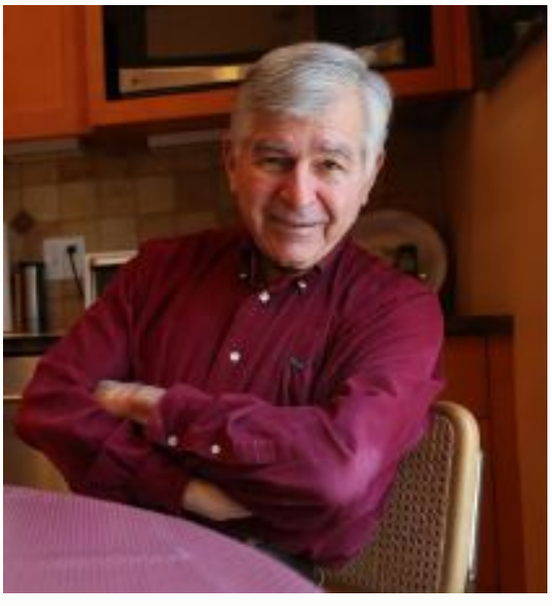


4

# Every Citizen, An Innovator

Michael Dukakis' dedication to progressive education spans from the Massachusetts Miracle to the current Global Enlightenment Era. Much like his endorsement of the Carnegie Schools program, Dukakis envisions a transformative role for universities in this new age. They evolve into dynamic hubs that foster lifelong learning, transcending traditional boundaries. Here, education is not confined to a specific phase of life but becomes an ongoing journey of exploration and discovery for every individual.

These ambitions are encapsulated in the concise motto: "Every citizen, an innovator." The model leads to a significant transformation in which each engaged student becomes not just a learner, but also a creator. The focus shifts from mere memorization to fostering critical thinking, interdisciplinary studies, and adaptability in the face of a swiftly changing world, placing a premium on hands-on learning and tackling real-world challenges. Universities adapt their methods to offer students a well-rounded education that champions not only the accumulation of knowledge, but also the development of critical thinking, the integration of diverse subjects, and the ability to thrive in a world in constant flux. Moreover, as universities fully embrace emerging technologies and digital platforms, they can leverage them to enhance the learning experience of the students and equip them with practical skills and a forward-looking perspective.



Universities could also be a driving force in laying the groundwork for the data-driven economy. They take the lead in critical areas like data science, machine learning, and AI, which are foundational in this new paradigm. Alongside, they offer comprehensive programs to educate individuals on the skills needed to excel in this field. Through close collaboration with businesses and governments, universities apply their expertise to tackle real-world challenges and innovate new products and services. This collaborative ecosystem ensures that everyone, regardless of background, has access to the knowledge and tools necessary to comprehend and effectively utilize data. As a result, this process catalyzes the generation of fresh ideas, the creation of jobs, and the expansion of the data-driven economy, all of which significantly contribute to the well-being and prosperity of society at large.



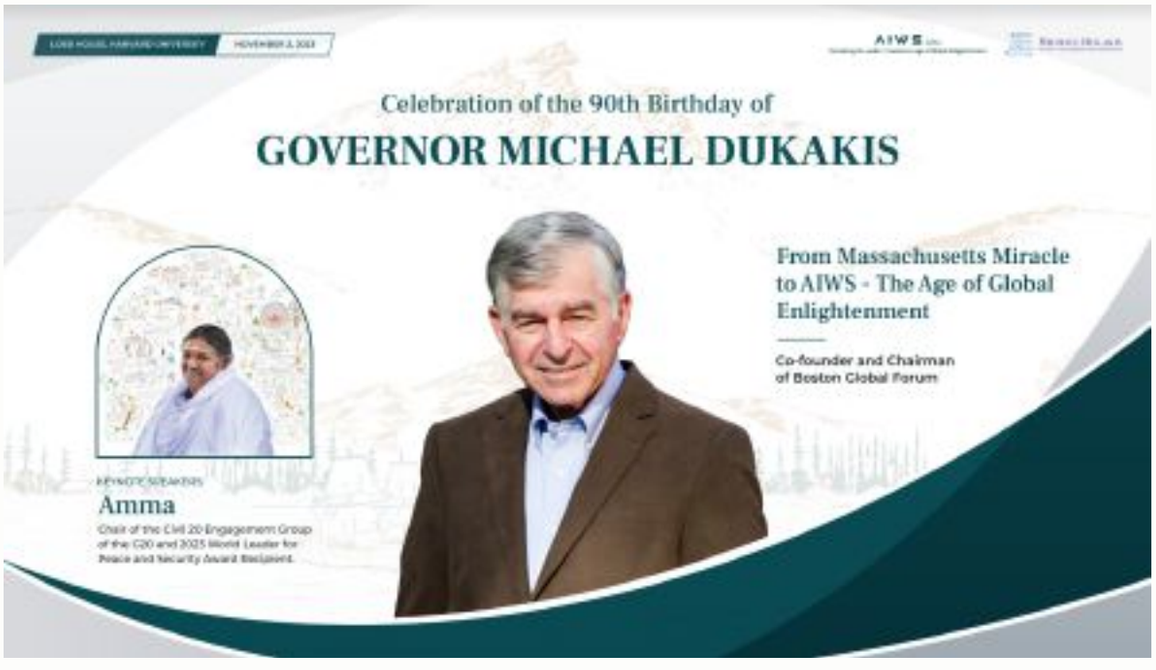
Michael Dukakis and Pine Manor College President Thomas Reilly

As we fine-tune the blueprint for this initiative, under the seasoned guidance of Michael Dukakis in the field of education, we imagine a promising outcome. These universities of new model will be at the forefront of creating the Age of Global Enlightenment, jointly building the essential infrastructure of the Global Enlightenment Economy, powered by data and AI. They will be pioneers in cultivating a culture of enlightenment, and through their visionary implementation of AI, blockchain, and data, they are poised to redefine education, training, research, and university administration. In this era, universities will emerge as dynamic engines of societal advancement, propelling innovation, nurturing critical thinking, and nurturing the leaders of tomorrow.

Chapter 9

# GOVERNOR MICHAEL DUKAKIS'S 90TH BIRTHDAY CELEBRATION






At Harvard University's Loeb House on November 2, 2023, distinguished guests attended to celebrate the 90th birthday of former Massachusetts Governor Michael Dukakis. The event featured a series of momentous occasions, including the inauguration of AIWS City, the launch of the Liber Amicorum Book titled "Governor Michael Dukakis: From the Massachusetts Miracle to AIWS – the Age of Global Enlightenment," and the delivery of a remarkable Distinguished Global Enlightenment Lecture by Amma, the recipient of the 2023 World Leader for Peace and Security Award.

The celebration was highlighted by prominent figures such as Governor Maura Healey, Senators Elizabeth Warren and Ed Markey, Secretary of the Commonwealth Bill Galvin, Japanese Minister Sanae Takaichi, and many other respected individuals. The occasion was marked with heartwarming remarks, citations, and speeches, paying tribute to Governor Dukakis's incredible contributions to the state and the world.

Furthermore, the event served as a platform for the announcement of two pivotal initiatives. The first, in collaboration with the Active Inference Institute, seeks to "Advance Human-Centered AI through Integration with Natural Systems and Neuroscience: Toward Policy and Societal Well-Being." This initiative aims to explore the intersection of AI, natural systems, and neuroscience to enhance the well-being of society through advanced policy-making.

The second initiative, in partnership with Amrita University in India, Center for Interreligious Dialogue – Focolare Movement and UNASDG, introduces the “World’s Congress of Religions in AI Responsibility: Faith and Reason in the AI age.” This program will focus on the role of faith, compassion and ethical responsibility in the age of AI, bringing together leaders, thinkers, and policymakers to explore the ethical development and deployment of artificial intelligence.



In addition, an important Memorandum of Understanding (MOU) was announced between Boston Global Forum and Amrita University. This MOU signifies a collaborative effort to develop and deploy the AI World Society (AIWS) Initiative, further strengthening the commitment to advancing human-centered AI and the global enlightenment of society.

This event was more than a mere tribute to Governor Dukakis's extraordinary life and achievements. It stood as a testament to the ongoing dedication of these leaders in steering initiatives that will shape the future trajectory of AI, ethics, and global enlightenment, reflecting a profound commitment to harnessing technology for the greater good of humanity.



1

# Remarks And Messages For Governor Dukakis's Birthday

## Maura Healey, The 73rd Governor Of Massachusetts





*On behalf of the residents of the Commonwealth of Massachusetts, I congratulate you on the happy occasion of your 90th birthday.*

*We are grateful to you, Kitty, and your children, John, Andrea, and Kara for your service to our common prosperity. As the architecture of the Massachusetts Miracle, you brought honesty and integrity to the governor's office, changing how the government is run and who it serves, your leadership is visible through the transformation of major transportation hubs, by revolutionizing greater Boston through "Big Dig" and significant investments across our state. Your policies and values continue to lead and inspire us today to continue to make Massachusetts a more welcoming and prosperous place. We thank you for your commitment to us and wish you a happy birthday.*



The Commonwealth of Massachusetts

Governor Michael S. Dukakis

On behalf of the residents of the Commonwealth of Massachusetts, I congratulate you on the joyous occasion of your 93rd birthday. We are grateful to you, Kitty, and your children John, Andrea, and Kara for your service to our Commonwealth. As the architect of the Massachusetts Miracle, you brought honesty and integrity to the Governor's office, changing how government is run and who it serves; your leadership and foresight is visible through the transformation of major transportation hubs, by revolutionizing Greater Boston through the "Big Dig" and the significant investments across our state. Your policies and values continue to lead and inspire us today to continue to make Massachusetts a more welcoming and prosperous place. We thank you for your commitment to us and wish you a happy birthday.

This Third Day of November in the Year 2023

Maura T. Healey
Governor

Kimberly Driscoll
Lieutenant Governor

Citation from Governor Maura Healey and Lieutenant Governor Kimberly Driscoll

# Elizabeth Warren, United States Senator



[Video] Elizabeth Warren, United States Senator congratulated Michael Dukakis on his birthday

*Good evening, Boston Global Forum. I am so sorry that I can't be there with you in person, but I would not miss the opportunity to congratulate our good friend Governor Michael Dukakis, and wish him a very happy 90th birthday.*

*You know, throughout his decades-long career, Governor Dukakis has shown that he is a committed public servant, a tireless leader, and a strong voice for Massachusetts families. When he was first elected as governor back in 1974, he faced some of our Commonwealth's toughest battles - up against a record deficit and high unemployment. Governor Dukakis took on these challenges with passion and persistence, and his leadership made a key difference in the lives of hundreds of thousands, millions of people across Massachusetts.*

*After retiring from politics, Michael brought that same passion and expertise to the classroom, teaching at UCLA, the University of Hawaii, and at our own Northeastern University. Now, when I first decided to run for the United States Senate back in 2012, Michael sat down with me and he told me the right way to run a campaign. He said, 'Run a grassroots campaign, grounded in people, based in the neighborhoods, in the cities, in the towns all across our state.' I listened. In fact, that is exactly what I did. I have been lucky enough to count on Michael's support since that very first campaign, and it's made a world of difference.*

*So, let me say this personally, Michael, thank you again for the work you do day in and day out to benefit families all across Massachusetts and all around the world. Congratulations on this tremendous honor, and I hope you have a very happy 90th birthday.*

# Ed Markey, United States Senator




[Video] Ed Markey, United States Senator congratulated Michael Dukakis on his birthday

*Good evening, everyone. What a tremendous honor it is to be celebrating the birthday of the man, the legend, my friend Michael Dukakis. And to Kitty, the indomitable Kitty, we know Mike would not be Mike without you, Kitty.*

*When Michael Dukakis became governor in 1974, we had been waiting for him. He was our generation's leader, our conscience. He wasn't just a thinker; he was a doer. As a state representative in 1974, I saw firsthand what he has done for Massachusetts and the entire country. It's immeasurable because you can't spell 'Dukakis' without 'do.' And he is still a doer, through the Dukakis Center, his work increasing access to transportation options and his tenacity in making the north-south Rail Link a reality for the region. We'll get it done, Michael.*

*He's a model for the transportation systems he advocates for. He doesn't slow down. I know this firsthand from all of the work I've done with Mike and Kitty over the years.*

*During my 2013 Senate race, we had a moment in Lowell where Kitty and Michael were speaking to Cambodians through a translator. He talked about the need for democracy, and access to opportunity for everyone, especially immigrants. He told the story of how his own father immigrated to Lowell from Greece to become a doctor. He was able to raise a child who could become governor of Massachusetts and have a child who could be running for the presidency of the United States. The Cambodian people in that room were all nodding their heads, hoping that the American dream could be part of their family's history as well.*

*And here's what I know from that interaction: the Greeks may have invented democracy, but Mike Dukakis invented grassroots politics in Massachusetts. There's an ancient Greek term called Agape, which means giving yourself the ability to respond to human suffering. That's what Michael Dukakis has done every day of his career and his life. He has given immeasurably to the cities and towns of Massachusetts, to the people of Massachusetts and our country, and to our very democracy. He reminds us that the potential of our state, our nation, and our democracy rests on our ability to harness the potential of our people. And that is a commitment that Michael Dukakis has delivered on every day of his 90 years.*

*In many ways, everyone here knows one thing: that Michael Dukakis just may be the organizing principle of all of our lives. That's how powerful of an influence he's had upon all of us and upon this world that we live in. So, happy birthday, Michael. Have a wonderful time; you deserve it. But I know one thing, you're all not slowing down, and you never will.*

# Bill Galvin, Secretary Of State For The Commonwealth Of Massachusetts



*This occurrence took me by surprise. I had not anticipated addressing this gathering this morning. I wish to express my gratitude to the governor for our longstanding friendship, which spans many years. I will say most people at 90 don't celebrate their birthday quite this way, but then again, he's always been a remarkable person. I think that's really what most of us who've known him have respected: not just his endurance, his commitment to principles, his honesty, and his achievements. Never a pretentious person, never, never throughout his entire career, which was a great achievement, not always easy.*

*While we did not always see eye to eye on every matter, I vividly recall our first meeting when I was just a teenager. A mutual friend introduced us; it was in preparation for his run for attorney general in 1966. Our backgrounds were similar, coming from neighboring areas, I from Brighton and he from Brookline. The gentleman who connected us was Greek, which created a wonderful bond. Governor Dukakis has been an eminent figure in the history of Massachusetts. I currently hold the distinction of being the most senior elected official in Massachusetts, a position I have held for some time, and possibly the only individual still in office who served with him during his governorship. This event provides a unique opportunity to honor the incredible life of public service he has led.*

*You know, when you think of our history here in Massachusetts, you think of so many great historical figures, especially from the Revolutionary period. But it's not so much about the history, it's the dedication to public service. One of the most distinguished public servants from our state was John Adams, who served tirelessly, followed by his son, John Quincy Adams, the sixth President of the United States. John Quincy Adams, after his presidency, returned to serve in the House of Representatives and eventually passed away while still in service. In this illustrious line, we find Mike Dukakis. He epitomizes dedicated service, and there's no other way to describe him.*

*I must admit that I've always found him to be refreshingly unpretentious, to the extent of being slightly idiosyncratic. Today's meeting with the British Council reminded me of an amusing anecdote from his presidential campaign in 1988. I was in charge of the legislature of a number of regulated industries, one of which was horse racing and public racing, bus racing because we don't have it in. And I have to be honest with you, the governor really wasn't a big fan of horse racing or anything, any of the sinful things. I also regulated liquor, gambling, and all the bad stuff. So, as he was trying to become broader in his appeals as he was going around the country, he decided he better find out about these things. I frequently received calls to visit his office, which was a floor below mine. It was becoming a routine and, at times, a bit mundane. Peter Agnes, a former law school classmate of mine, now serving in the Judiciary, would often relay the governor's message: 'He needs to speak to you again.'' So I got in the habit of just racing down. In those days, security wasn't much of an issue, and so you just raced down. I saw I opened the door, and he said 'What, what is it now?' I opened the door, and I was in my shirt sleeves, warm. I recall it was April; it was a warm day, and I had just not even put my coat on. I raced down: 'What is it? What is it?' He says, 'We have a guest.' I looked across, and I was kind of startled. It was then Prince Charles, now King Charles. I was stunned. I didn't know what to say, and apparently, the prince was here actually for the opening of the Burberry raincoat store or something, but that's the truth. So I said, 'Why am I here to the governor?' And he said, 'Well, he's interested in horses.' I said, 'Polo ponies? Polo ponies, not racing horses?' That's, I then have a conversation with The Prince. Whatever, he's a remarkable individual. We in Massachusetts are very grateful for his many years of service, which continue, and we wish you many years to go into the future. He's a great guy.*

# Sanae Takaichi, Minister Of State For Economic Security Of Japan



*Dear Professor Michael Dukakis, I extend my heartfelt congratulations on your 90th birthday. Your tenure as the longest-serving Governor of Massachusetts and your tireless efforts in promoting U.S.-Japan friendship and expanding economic exchanges are deeply appreciated. I express my profound respect for your many years of exemplary achievements and hope that you will continue to thrive with your outstanding abilities and wide network of connections. I wish you good health and happiness.*

# Symeon Tegos,
# Consul General Of Greece In Boston



*Governor, happy birthday. It's a great honor to be here with you this great morning as a representative for Greece here in New England. I just want to point out how proud all Greeks and African Americans are for Governor Dukakis and his legacy, and this is a universally accepted truth cut across any kind of lines in our community. Everybody loves and admires Governor Dukakis. Now, the truth is, this unifying factor is just one of the many incredible traits that Governor Dukakis brings to the table, and I think I have to underline that the most important part is the values that Governor Dukakis represents because those values are identical exactly with the values that my country represents, referring to democracy, rule of law, integrity, transparency. So all those years, I think my country could not aspire to have a better representative here in United States politics in New England than Governor Dukakis. He is a thinker, he is a doer, he is our conscience indeed, and we're all so proud of him. So happy birthday, Governor, from all Greeks and Greek Americans here, and thank you so much. We're so proud of you. Thank you.*

# Arnaldo Minuti,
# Consul General Of Italy In Boston



*Boston, good morning. Good morning, everybody. I'm pleased and deeply honored to be here today at the Boston Global Forum celebration of Governor Michael Dukakis's 19th birthday. In celebrating Governor Dukakis's lifetime achievements, we are inspired to follow his example in creating a more inclusive and prosperous future for all people. Governor Dukakis is recognized as a leader in shaping the responsible and ethical use of artificial intelligence among other issues, one of the most important challenges of our time. I congratulate Governor Dukakis and honor his legacy and lifelong contribution to public service as governor of Massachusetts and as the co-founder and chairman of the Boston Global Forum. I want to end with Governor Dukakis's own words: "We must work together to build a world in which all people can live in peace, dignity, and security, a world where economic growth and development serve the needs of all people, not just the privileged few." Thank you for the invitation and for the privilege to be here representing Italy, the Italian-American, the Italian, and the American community of Massachusetts. And I would like to wish Governor Dukakis a happy birthday. Thank you.*

# Dr. Peter Abbott Obe,
# British Consul General To New England



*Good morning, everyone, and a warm, heartfelt happy birthday to Governor Dukakis. Harvard University, a big thank you for bringing us together once again at the Boston Global Forum. It's truly an honor to be here with you, Governor, as we've all been inspired by your remarkable record of public service. For the international community, particularly for the British consulate, the foundations you laid as a Governor for a technology-driven economy in Boston have not only benefited Massachusetts and the United States but also the UK and the entire global community. We are all also beneficiaries of the investments you made in Boston's transport infrastructure. I believe my colleagues from various consulates can attest that their economies are reaping the rewards of the extraordinary technological innovations you set in motion during the Massachusetts miracle from 1983 to 1991. A sincere thank you for that.*

*Allow me to share a fond story the governor shared with me last year. It was the Platinum Jubilee of Her Majesty Queen Elizabeth II, who sadly passed away at the end of that year. We celebrated her Platinum Jubilee in the first half of the year, and the Governor recounted the story of meeting her majesty when she visited Boston in 1976 to celebrate America's Centennial. She arrived on the Royal yacht Britannia into Boston Harbor, and Governor Dukakis was there at the bottom of the gangplank to welcome her. Despite the rule that one should not touch the queen, Governor Dukakis, halfway down the gangplank, instinctively reached out and caught her when she tripped. He humorously shared the weight of the crown he felt on her head during that moment and admitted being scared, thinking he might be arrested by the Royal Guard. Fortunately, the queen was gracious and thanked him for catching her. It was a delightful anecdote from a memorable visit by Her Majesty in 1976.*

*In closing, on behalf of the United Kingdom and its people, I extend congratulations on your remarkable record of public service, Governor, and wish you a very happy birthday.*



Queen Elizabeth II rode with Michael Dukakis during her visit to Boston, July 11, 1976.

# Alberto Fierro, Consul General Of Mexico In Boston



*Good morning everyone. I met Governor Dukakis for the first time at a concert in Brooklyn, and my immediate reaction, and what I later told my colleagues, was how warm he was. By participating in this most deserved celebration, it is clear to me that this is just the first of the many qualities and virtues we all together have come to recognize and value. Governor Dukakis is a true statesman and as such has kept on being a voice of reason, and as far as I know, a Spanish-speaking voice of. I do appreciate that throughout his political and academic career, he has always maintained objectivity and a profound intelligence to understand the subtleties and strengths of the Mexico-US relationship. Governor Dukakis drove the Massachusetts economy, as we have heard many times this morning, during his time in office and helped foster the very rich innovation economy the state enjoys today. By doing this, as well as with the creation of what today is the Michael Dukakis Institute for Leadership and Innovation, Governor Dukakis has, without knowing it, opened spaces for members of the Mexican community to thrive in Massachusetts and to contribute then and today to this amazing pool of intellectual curiosity and discovery. As Council General of Mexico here, I can only thank you, Governor, for this and wish you a very happy birthday.*

2

# Book Launch: "From Massachusetts Miracle To The Age Of Global Enlightenment"

## Nguyen Anh Tuan, Cofounder and CEO of The Boston Global Forum Director of The Michael Dukakis Institute for Leadership and Innovation

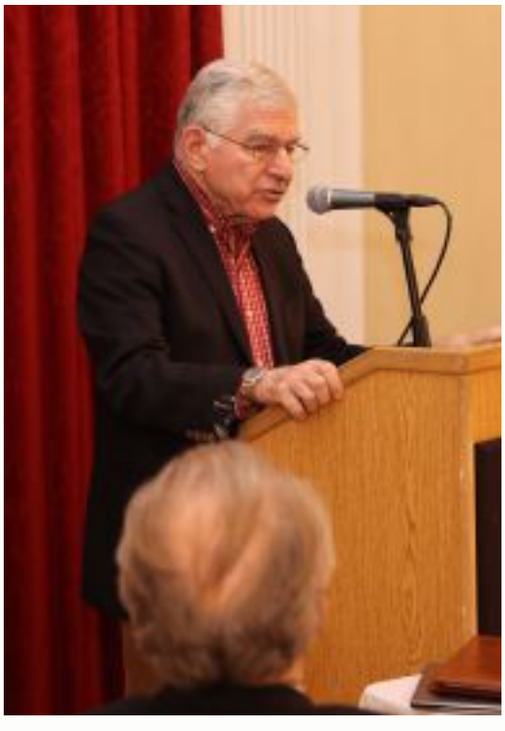
***Governor Michael Dukakis - A Guiding Light***



*Standing here today to celebrate Governor Michael Dukakis's 90th birthday, I find myself deeply moved. Our esteemed guest speakers have shared profound thoughts, so I won't take up too much of your time. Yet, this occasion is truly special for me. With over 12, almost 13 years spent here, Governor Michael Dukakis has been a beacon of inspiration throughout my journey in Boston. I am immensely grateful for that.*

*Today, I am joined by two dear friends - Tom Patterson, who brought me to the Shorenstein Center at Harvard Kennedy School, and Tommy Vallely, a special friend with whom I share nearly 30 years of friendship. Governor Dukakis holds a special place in my heart and life. To me, he's like a dear father, always inspiring me and instilling confidence. I've had the privilege of working with leaders from around the world, representing the four pillars: USA, Europe, India, and Japan. But I must say, our Governor is the warmest and kindest leader. In his presence, I often feel like an innocent soul. Our dear Governor is just so kind, and I'll leave it at that.*

*The book "From The Massachusetts Miracle To The Age Of Global Enlightenment," which we introduce today, is a source of immense pride for all of us - an exploration of the achievements and legacy of Governor Michael Dukakis, written and edited by distinguished leaders and friends of the Boston Global Forum. It all began at the BGF conference at Harvard University Faculty Club on April 26th, where we launched the project and discussed its content. Now, everything is complete - the design, the content - and the official version will be released on November 15th.*



*Why wait until then? We want to incorporate a wealth of incredible content from today, including speeches from our esteemed leaders and friends, to make this book an extraordinary event. 'From The Massachusetts Miracle To The Age Of Global Enlightenment' by Governor Dukakis introduces the legacy of Michael Dukakis as a three-term Governor of Massachusetts, particularly highlighting his leadership and achievements with the Boston Global Forum and AI World Society (AIWS), recognized by numerous high-impact forums, conferences, and events, including the C20-G20 Summit India 2023, Riga Conferences, and conferences in Japan and Europe.*

*We're also excited to announce new initiatives, a new approach, and a framework for AI integrated with the natural system and neuroscience, in collaboration with the Active Inference Institute and "World's Congress of Religions in AI Responsibility: Faith and Reason in the AI Age."*

*Governor Dukakis, you hold a very significant place in AIWS, BGF, in this event, this very special moment that will be remembered as a historical moment. You will hold a special place in our hearts forever. As I've said many times, you are like a father - my father and dear leader.*

*We plan to promote and introduce our content to AIWS City at the House of Honor section. AIWS City is a place where World Leader for Peace and Security Award Recipients come together to contribute to a better world. They include President of the European Commission Ursula von der Leyen, Japanese Prime Minister Shinzo Abe, Spiritual Leader Amma, and many more. AIWS City was launched in 2021 in collaboration between the Boston Global Forum and Club de Madrid, an organization of more than 150 former presidents and prime ministers. Many Global Enlightenment Leaders are part of AIWS City, such as Governor Michael Dukakis and Prime Minister Enrico Letta.*



*Thank you so much, distinguished guests, for being here with Boston Global Forum, along with my two dear friends. Everything we discuss here will be further promoted and introduced within our community. We are grateful for the many leaders who have joined us. Today, we are privileged to have a distinguished position in AIWS City, with over 100 former presidents and prime ministers from around the world. We've built this platform to foster contributions, concepts, and collaboration with leaders like you.*

*Thank you once again. We are honored to introduce this book, and copies will be sent out. I won't take up more of my colleagues' time. Thanks to each of you for being a part of the Boston Global Forum and for your invaluable contributions to this book.*

*We've worked to compile this book, emphasizing contributions and concepts vital to our leader's vision. Thank you for the honor and the opportunity. We're excited to introduce the book and share it with everyone. I won't take up much more time, as other important contributors deserve to speak. Thank you all for being part of the Boston Global Forum and for your valuable contributions to the book.*

## Ramu Damodaran, The First Chief of the United Nations Academic Impact, Co-Chair of the United Nations Centennial Initiative

***A new democratic, humanitarian, and optimized model as the foundation for the peace, security, and prosperity of humanity***



*I hope reality is the most substantive shadow you must have seen. I am very grateful to be here because it brings back distinguished memories of Governor R. Swami, my dear friend John, all of you. A recollection of my own first awareness of the word, of the term, or the idea of Massachusetts. I think I must have been 10 years old, and this was in a prehistoric age before Walkmen, iPods, or even CDs. We used to get these long records in India imported from the United States, and suddenly, a song caught the imagination of all young India, a song called 'Massachusetts' by the Bee Gees. Those of you who are familiar with that song will remember the one line in it: 'Massachusetts is a place I've seen.' The irony was that the singers Barry, Robin, and Maurice Gibbs had never been to Massachusetts. They'd never seen it, and yet, they spoke of having been there, of having seen it, because it was something so tangible, so immediate in the human mind. I thought of that in relation to my father, who 80 years ago was in a prison cell in our state of Kerala, imprisoned by the British for daring to participate in our national struggle for independence under Mahatma Gandhi. In that cell, he brought*

*himself up on the history of the world and read about the role that this city, Boston, has played in the history of the United States, but more than that, in the history of the world. Little did he realize that just 10 years later, India would be free, and he would be walking the streets of the city as a student at the Fletcher School.*

*I think of my dear and cherished friend, Tuan, growing up in a country that was physically, mentally, and, dare I say, spiritually at war with the United States, never dreaming that one day he would co-found a global forum in a city named for the city. You, Governor Dukakis, have been responsible, as all of us have attested, for the miracle that is Massachusetts. But beyond that, you have created what the very ponderous words of our program have called a democratic, humanitarian, and optimized society, which I would like to bring into slightly more layman's terms, a society based on deep understanding, a society based upon kindness, a society based upon innovation. And you started it all when you were Governor. You said, 'We must go international with a vengeance.' This was your State of the State address in 1990. 'Our children's schools must learn geography, countries other than themselves, to be able to truly understand the countries in which they live.*



*Today, as it happens, is also another 90th birthday by another distinguished citizen of Boston, my compatriot, Dr. Amartya Sen. Dr. Sen has spoken about human rights as the acknowledgment that we are part of something larger than ourselves, that deep understanding that Governor Dukakis brought to the table. We've spoken about the infrastructure of Boston, about its limitations, and its challenges. But let's also remember what the Governor said at that time: 'Let opportunity be our watchword.' And the as he mentioned, we need a connection between the North and the South, transportation lines of this great city so that people can move freely. Think of that as a metaphor for our world, of a link between the historically affluent North and an emerging South, which, as Swami G and Krish pointed out in the*

*himself up on the history of the world and read about the role that this city*

*context of the G20 and the Civil 20, and the benediction and guidance of Amma, we are now trying to create.*

*Let us think of the kindness of all that Governor Dukakis did to make life easier for every individual, whether in terms of health insurance, being able to go and get a marriage license in an afternoon, starting your morning as a bachelor, ending the day as a husband. That is kindness personified in government. Let us think of innovation. Governor Dukakis spoke at that time of the new tech industries dotting the landscape of the city in 1990. Where are we now? We have new tech industries that have made the city the beacon of the United States, the world. But also, new tech industries around the world have reached out to the citizens of this great city and nation, making their lives easier, but also possibly much more complex, as the Governor has said. The promise as well as the perils of AI are offered before us. And we think of innovation at its most obvious and human levels. In his campaign for the presidency of the United States in 1988, Governor Dukakis spoke about a possible conference in Davenport to harness the energies and the potential of the states literal to the Mississippi River from the Iron Range of Minnesota to the plains of Louisiana, to find energy and creativity where it is innovative.*



*And that really brings me back to my last point which began with a song. I'd like to end with a quotation from another song, the song 'Ripple' by Grateful Dead, in which Jerry Garcia sings, 'Let it be known that there is a fountain that was not made by the hands of men. The hands of men are finite, sometimes infirmed, sometimes weak. But we need that acknowledgment, which the constitution of this great state, drafted by John Adams, so eloquently states that there is a creator, there is a supreme being, there is the preserver of the universe, and it manifests itself in so many forms. Just go beyond that room where we had coffee a little while ago to the room next to it, and you'll find these two gigantic Buddhist statues, an affirmation of one particular faith. This morning, I was sitting at breakfast with my cherished friend Martin, and as an aside, let me advise all of you, never have breakfast with a theologian because he will always make so important a point that the toast will not reach your lips. So, you leave breakfast spiritually enriched but physically hungry. That said, what Martin told me about the definition of atheist will always remain with me because atheism, he said, is a form of self-affirmation that 'I am who I am.' But be that as it may, even if you are who you are, you are your own creator. So, respect yourself, as the Constitution says. It does not enjoin you to create a supreme or an alien-human being if you choose not to. If you do choose to worship your God, go there, go to what Amma and her message a little while ago spoke of, that infinite ocean, that the solace of faith provides to us, no matter in whom that faith is invested.*

*Tom was generous in referring to the United Nations' academic impact when I was asked to devise it and lead it 15 years ago by Secretary-General Ban Ki-moon. He said, 'You know Ramu, there are some things that are beyond governments.' Swami mentioned how this year at the end of the C20 deliberations when we saw that long list of possibilities that Krish shared with us, Amma said, 'Don't expect governments to handle this. It will be for you, the us.' This forum is the 'you,' this 'us' is what this forum is, and the 'you,' this 'us' is what Governor Dukakis has made Massachusetts. There is no second person, there is no third person, there is just one first-person invested in himself but in that investment invested in the many.*

## Nazli Choucri, Professor of Political Science, Massachusetts Institute of Technology

### *Governor Dukakis: A Leader for a Better Future*



*I'd like to come back and bring you back to Michael Dukakis, the persona, the individual, the statesman, the manager, the leader, the collaborator, the problem solver, and the inspired inspirer of a better future. So, everyone who's worked with Michael recognizes these characteristics. But I'd like to expand a little bit on his interactions with others. He has always shown calm and compassion. Differences of views are dealt with in equilibrium and balance, and priorities that you bring to him and discuss with him are reviewed and assessed with efficiency and requisite equity. I think a few of us can do that very well. In addition, when he notes errors in logic, he corrects them with a certain degree of kindness. And provisions for a better future that he puts forth are presented with power and persuasion. In the course, he steers with respect for others, and the others respect him.*

***Governor Dukakis: A Leader for a Better Future***

*So, we talk about the future. Let me remind you that the future is already here. We are slow in recognizing it, not because it's far away, but because we are still anchored in some parallel ways in the 20th century and its legacies. The realities of the future will begin to see some of those glimmers of the world we are living in. But we're not exactly sure how to manage that. The fact is that we live in three worlds. We live in our world, which is a social, geopolitical human society. We also live in the natural environment, and life-supporting properties, and put these two things more or less separately. We're beginning to think about connections as we pay the price for damaging the natural environment. And then we live in a cyber domain, currently with the internet in scope and with many future internets. The dilemma we have at this point in time is that we haven't quite connected strategically, intellectually, theoretically, or even computationally to those three realities where we live. These are not autonomous anymore; they're interconnected, but very few of us can really pull together where the connections really are.*

*So, we're faced with technological change. We know that, but it's technological change and advances that are moving very rapidly, perhaps faster than we are able to manage. I'd like to just conclude with something I've recently discovered, which is important to the AI of realities and to the world, and to the issues of governance. According to the OECD Observatory, there are about 74 countries that have formal, official AI policies now. I find that interesting because we don't know what the core, the common core might be. I don't know what the outliers are; I haven't gotten through that yet. Is the common core among them robust enough that we can begin to think about governance of AI with AI, for AI, and with the ethics involved? Are the outliers so outrageous that we want to ignore them, or do we want to integrate them? And I would consider that a really important set of issues that we would address. I'm happy to say that at least we have begun to think about this corpus of policies that require closer assessment, and closer analysis, and they are an issue of great importance to the governor.*

## Nguyen Anh Tuan, Cofounder and CEO of The Boston Global Forum Director of The Michael Dukakis Institute for Leadership and Innovation

### *Governor Michael Dukakis - A Guiding Light*



*Governor Michael Dukakis has been a beacon of inspiration and leadership throughout my journey over the past decade. His warm welcome letter in July 2011, shortly after I arrived in Boston, was my first encounter with the man who would become a cherished mentor and a dear friend. Just a few months later, in early November 2011, Governor Dukakis delivered a heartfelt welcome speech at a Music and Dinner event organized by the Free For All Concert Fund to honor and welcome me to the vibrant city of Boston.*

*The real turning point, however, came in November 2012 when, alongside distinguished Harvard professors Thomas Patterson and John Quelch, we co-founded the Boston Global Forum (BGF). With Governor Dukakis at the helm as Chair, we embarked on a journey that would redefine the landscape of global governance and policy dialogues.*

*One of Governor Dukakis' most remarkable qualities is his unwavering support for innovative ideas and initiatives. Whether it's in the realm of cybersecurity or artificial intelligence, he remains open to fresh perspectives and encourages bold thinking. His kindness and approachability have endeared him to countless leaders across the United States, Japan, Europe, India, and beyond.*

*In November 2017, I presented Governor Dukakis with a novel concept: the creation of a new societal model that leverages advanced AI technologies. This smart society, rooted in principles of humanity, compassion, ethics, and robust governance, aimed to harness the potential of AI for the betterment of humanity. Governor Dukakis not only embraced this vision but actively supported its development. Together, we crafted the AI World Society Initiative (AIWS), which was unveiled during a landmark conference at Harvard University's Loeb House and Harvard Faculty Club on December 12. Distinguished speakers such as Estonian President Toomas Hendrik Ilves, renowned MIT professors Patrick Winston, Max Tegmark, and influential AI researcher Ian Goodfellow, Harvard professor Joseph Nye, among others, joined the conversation with BGF Board Members as professors Nazli Choucri, Thomas Patterson, David Silbersweig, John Savage.*



*Governor Dukakis leads the charge in creating a Global Enlightenment Community and AIWS City, fostering an environment where compassion, ethics, and vanguard technology converge to address the world's most pressing challenges. His vision goes beyond borders and seeks to establish a harmonious global society where technology serves humanity.*

*Furthermore, Governor Dukakis encouraged and supported me to take on the role of editor and co-author of the book "Remaking the World - Toward an Age of Global Enlightenment."*

*The book 'Remaking the World - Toward an Age of Global Enlightenment' contributes concepts and principles for AI World Society, aiming to create a better world with AI. It is a collaborative effort with the United Nations Academic Impact and is part of the UN Centennial Initiative.*



*AIWS City: Including distinguished leaders, scholars, and innovators are an integral part of the Global Enlightenment Community. They actively contribute to the practical implementation of the principles and concepts of AI World Society (AIWS) while seamlessly integrating the spiritual and humanitarian values championed by Amma to shape an Age of Global Enlightenment. This collaborative effort thrives in the digital realm, fostering a dynamic online environment where individuals from diverse backgrounds converge to shape the future.*

*Fast forward to October 3, 2023, when Governor Michael Dukakis, the Boston Global Forum, and the Michael Dukakis Institute honored Amma with the prestigious 2023 World Leader for Peace and Security Award. This recognition underscores Governor Dukakis' commitment to integrating Amma's profound spiritual values into the fabric of AI World Society (AIWS), further enriching our mission to create a more enlightened and compassionate world.*

*Over the past 11 years, I have had the privilege of working closely with Governor Dukakis, who continues to inspire and guide our endeavors. As we move forward into the future, I look forward to many more years of collaboration and learning from this extraordinary leader. Governor Dukakis, you are a true guiding light in our journey toward a better world, and your legacy will continue to illuminate our path.*

*I also take this moment to extend my heartfelt congratulations to Governor Dukakis on his 90th birthday—a remarkable milestone in a life that has been a true embodiment of dedication and service. From the era of the 'Massachusetts Miracle' to pioneering the path to AI World Society - the Age of Global Enlightenment, Governor Dukakis has consistently led the way, shaping a brighter future for us all. I am so grateful for his unwavering guidance, steadfast support, visionary leadership, and cherished friendship throughout the past 12 years. Governor Dukakis has played a pivotal and significant role in my life during my time in Boston, and his influence continues to shape our shared journey toward a better world.*

***Nguyen Anh Tuan,***
***Cofounder and CEO of The Boston Global Forum***
***Director of The Michael Dukakis Institute for Leadership and Innovation***

## Ramu Damodaran, The First Chief of the United Nations Academic Impact, Co-Chair of the United Nations Centennial Initiative

*In the world's oldest functioning written constitution lies an article almost prophetic, prescient in its formulation. "No man, nor corporation, or association of men," it begins, "have any other title to obtain advantages, or particular and exclusive privileges, distinct from those of the community." Rereading those lines from the 1780 Constitution of the Commonwealth of Massachusetts, I was struck by how unambiguously it placed the rights of the community above that of the individual, or a business enterprise or the many "associations of men" (and, certainly now, women), such as institutions of education or research.*

*Today, artificial intelligence can be deployed by the human person, by corporations, by associations of individuals, in manner that can be benign, even creative, as much as manner that is malign, even destructive. And the advantages and privileges realized are far too often distinct from those of the community. But even before it assumed the omnipresence it has in the last immediate few years, its peril and potential had seized some of the best minds of our time, including one whose career in substantial measure derived from an affirmed loyalty to the Constitution I have cited.*



*When Governor Michael Dukakis, co-founded the Artificial Intelligence World Society (AIWS) with Tuan Nguyen, he described it as "a project that aims to bring scientists, academics, government officials and industry leaders together to keep AI a benign force serving humanity's best interests." AIWS recognizes the ultimate responsibility of and to the individual, the recognition in the words of Governor Dukakis, that "there are too many judgments you have to make in this world that involve values, ethics and morality." These are judgments for humans to make, and they can be best made when humans are happy and fulfilled. There are no algorithmic alleys to artificial values, artificial ethics or artificial morality.*



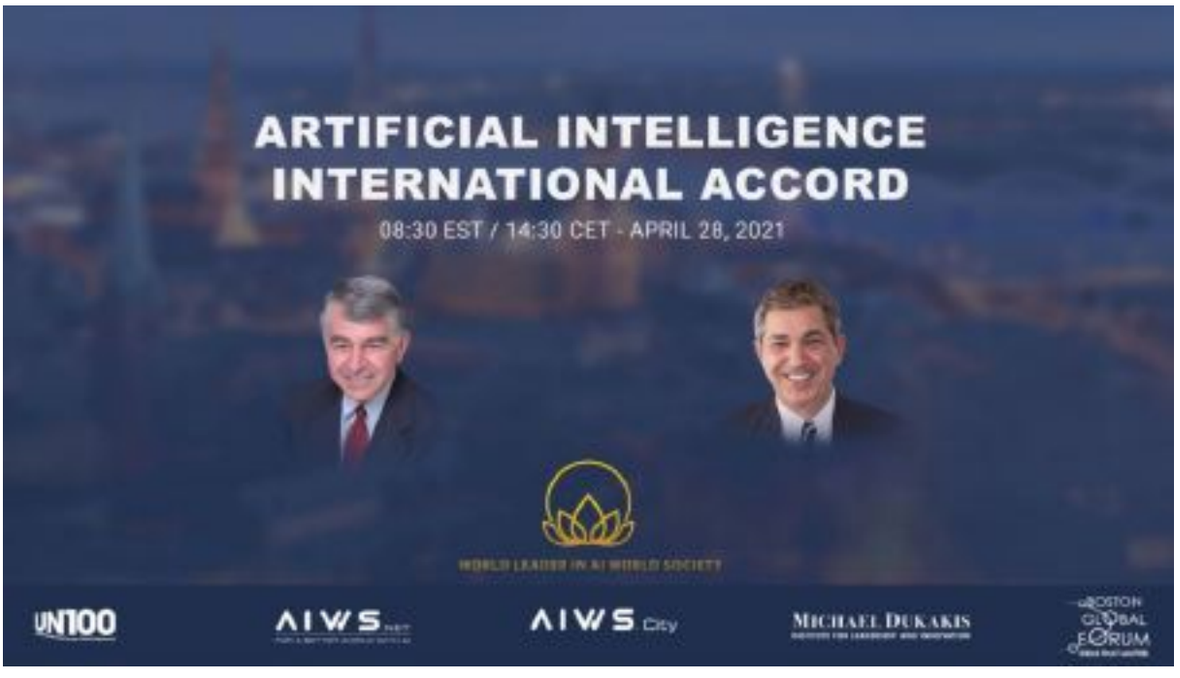
AIWS City discussion with Paul Twomey, founding figure and former CEO of the Internet Corporation for Assigned Names and Numbers (ICANN)

*Or, indeed, artificial conversation. The sense of a society content and well-ordered, the "community" of which the Constitution spoke, and continues to speak, was reflected in one of the first initiatives launched by Michael Dukakis as Governor, the "Office of Community Services" which he set up "to coordinate public relations programs and outreach to Massachusetts communities. Programs under this office have included a series of regional town meetings in which the governor addressed concerns of constituents prior to his run for reelection; appearances on a radio talk show (1977-1978); and a telephone tally system: Point of View, created to determine the volume of citizens utilizing the office and to categorize their concerns."*

*It is precisely that power of conversation, with its attendant attributes of reflection and measured pace of action, that informed the creation of the United Nations itself; the idea of an AIWS should strike a particular chord for the Organization since it had looked at the idea of a "world society" at a conference within two years of its inception. But that was a fledgling initiative, an ephemeral effort to democratize an organization of governments into a harmonious collective of their citizens, an initiative both lofty and ambitious. The United Nations had come into being as a cerebral, as much as political, innovation (and nothing artificial about either attribute); the very first*

*resolution of its General Assembly, in the January of 1946, was on the "problems arising from the discovery of atomic energy."*

*75 years later, in April of 2021, Governor Michael Dukakis announced the "Artificial Intelligence (AI) International Accord Initiative" intended "to stimulate a global conversation that will make sure AI is used responsibly by governments and the private sector around the world." It is precisely conversations of that nature that are needed, conversations that will continue in the quarter century ahead as we move to the United Nations centennial, shaping a world governed by the exercise of international as much as individual, and indeed intellectual, responsibility where the creativity and innovation of the human person work to shape a world worthy of our times just as surely as that world works to foster and further, in the phrase of the United Nations Charter, the "dignity and worth" of that human person.*




*Governor Dukakis could well see that endeavor as Massachusetts made globally possible. A state derisively referred to as the "new Appalachia", with a 12% unemployment rate when he took over as Governor, is now the intellectual antenna of the United States to the world. In that transformation lies the metaphor of the pans.*

*Not many of us are aware of "pans" in the context this refers to, small pieces of metal bolted under the cars of suburban streetcars to protect them from freezing in harsh winters. When he took over as Governor, Michael Dukakis chose to travel by train but soon realized there was a breakdown every other day. He asked the train conductor about the problem and was told the pans were not being replaced because some bureaucrat in City Hall had decided that since new streetcars had been ordered and would arrive in summer, there was no need to incur the expenditure of replacing pans on cars that would soon be pulled out of service.*



*A half-century later, he was to transfer that lesson learned into a world increasingly refashioned with AI. The promise of its speed and solutions was like the anticipated streetcars that would arrive in June. But even as we approached that world, we needed to preserve, repair, and keep functional the world in which we now live. This coexistence of a pragmatic present with a farsighted future is integral to the idea Governor Dukakis and Tuan Nguyen have been championing, that of a "social contract" for the AI age, world and society, a contract that assures those rights that require respect while affirming obligations, obvious or obscure.*

*An echo yet again of the constitution of Massachusetts and its felicitous phrasing, that "the end of the institution, maintenance, and administration of government, is to secure the existence of the body politic, to protect it, and to furnish the individuals who compose it with the power of enjoying in safety and tranquility their natural rights, and the blessings of life…the body politic is formed by a voluntary association of individuals: it is a social compact, by which the whole people covenants with each citizen, and each citizen with the whole people, that all shall be governed by certain laws for the common good."*

*To see the "whole people covenant with each citizen" might seem daunting, yet it is precisely that which was the spiritual and ethical foundation of an organization that came into being, the United Nations. And it can be the foundation of the world society that can emerge united as never before by the reach of innovation and technology, united as never before in vigilance to its vicissitudes. Thank you, Governor.*

*On the day you were born, Sir, newspapers carried a multitude of reports on measures being taken by the then-new Chancellor of Germany, Adolf Hitler, particularly the "Aryanization" of key constituents of society, including universities and the press, a process premised on the inviolable supremacy of the Aryan race. Your work and mission, whether within Massachusetts, or within the United States, or within the world that is its home, have all been premised on the superiority of a race, a race we know as the human race. At a moment when that supremacy is being challenged by technologies it has itself created, we see the wisdom in your vision of a world that is not conflicted or contentious, but a world in which the one master race can coexist with the giants generated by its genius, in secure social contract.*

## Professor Zlatko Lagumdzija, Permanent Representative of Bosnia and Herzegovina in the United Nations, Former Prime Minister of Bosnia and Herzegovina




*Governor Dukakis, as the Co-founder and Chair of the Boston Global Forum, has emerged as an eminent leader,* ***steering the AI World Society (AIWS) initiative toward the forefront of discussions about creating a more enlightened world with the aid of AI, digital technologies, and advanced innovations. His remarkable vision and tireless efforts have garnered recognition from prestigious academic institutions such as Harvard and MIT, as well as from international powerhouses like Japan, the EU, and India. Under Governor Dukakis' guidance, the G20 in India in 2023 saw the transformative influence of the AIWS initiative, further solidifying its place in the global discourse. His leadership has left an indelible mark on the innovation community in Silicon Valley and indeed on the future trajectory of our world in this AI age.***

*Governor Dukakis' unwavering commitment and transformational leadership through AIWS continue to inspire and shape a brighter tomorrow, firmly establishing AIWS as a wonderful model and a solid foundation for the world to tackle the pressing challenges it faces. I am very proud and honored to work with Governor Michael Dukakis and the Boston Global Forum in building the AI World Society (AIWS) Initiative and Model.*

## Enrico Letta, Former Prime Minister of Italy



*Governor Mike Dukakis has been and continues to be a great and inexhaustible source of inspiration to me. Since the first time I met him, during the unforgettable study trip I did, very young, in the US in the 80s, to our last gathering, in Boston a few months ago. Always optimistic, sharp, curious. Always in a listening mood, the way to make a difference with these difficult times full of unbearable egos.*

## Vaira Vīķe-Freiberga, President of the Republic of Latvia 1999-2007, Co-chair of Nizami Ganjavi International Center





*Dear Governor Dukakis,*

*I send you my warmest wishes for an especially happy 90th birthday, since birthdays for a "round number" of years (as we call them in Latvia) are always especially memorable.*

*May you spend the day surrounded by your loved ones and friends and share with them happy memories of a long life well lived.*

*A significant part of your life has been spent in high office and you have left your mark on US history by your impressive public service as Governor of your native State of Massachusetts as well as by accepting the Democratic party nomination as their candidate for the presidency of your country.*

***I am grateful to our common friend Tuan for having had the pleasure and the honor of meeting you in person and am a great admirer of your energetic commitment to the Boston Global Forum and the excellent work that it does.***

*May you enjoy good health and happiness and many happy returns of the day!*

***In friendship and admiration,***
***Yours sincerely,***
***Vaira Vīķe-Freiberga***
***President of the Republic of Latvia 1999-2007***
***Co-chair, Nizami Ganjavi International Center***

## Yasuhide Nakayama, Former State Minister of Defence and Former State Minister of Foreign Affairs, Japan

*Dear Governor Michael Stanley Dukakis, As you celebrate your 90th birthday, I extend my heartfelt congratulations on reaching this remarkable milestone. Your contributions as Governor of Massachusetts, your leadership at the Boston Global Forum, and* ***your pivotal role in the AI World Society, a significant initiative for a better world with AI, have left an indelible mark on our world.*** *I hold deep appreciation for the valuable insights you shared with me, especially your experiences from the Korean War, during our time together at your home. In a world where the struggle between democracy and autocracy continues to intensify, marked by events like Russia's invasion of Ukraine and the terrorist attacks on Israel, your profound knowledge, experience, and unwavering commitment to peace are more crucial than ever.*



*As we face these global challenges, I look forward to continuing our collaborative efforts to steer the world toward a more peaceful future, side by side. Your wisdom and dedication remain indispensable on this journey. I offer my sincerest prayers for your ongoing health and well-being and wish for your continued significant contributions in the years ahead.*

*With the utmost respect.*

## Nam Pham, Former Assistant Secretary of Business Development and International Trade, Government of Massachusetts

*Massachusetts is now the top destination of any company or person that wants to engage in biotechnology in any shape or form. Every premier biotech company has a presence in Massachusetts whether it is researching or manufacturing or marketing. Moreover, Moderna, a local Massachusetts company, was among the first ones to create a COVID vaccine. These pinnacle achievements do not happen by accident or overnight. Their genesis happened more than 40 years ago with the establishment of Centers of Excellence, an initiative of then-Governor Michael Dukakis. In 1985, I started my government career as a low-level official in the Department of Economic Affairs; therefore, I had the opportunity to see how things were being developed over the years.*



*I had heard of Governor Dukakis before. Indeed, I met him once when I was a student at Harvard Kennedy School of Government in 1981. He was teaching something on state and local governments, which I did not have much interest in. As a fresh-of-the-boat refugee from Vietnam, I was dreaming more about how to change the world. I did not know that "All politics is local". I met him at the school cafeteria where he was discussing something with some of my classmates. Having come from Vietnam, talking to a former governor, the leader of the state, is a big deal. I was struck by how humble and approachable he was. Had I tried to impress him a little more perhaps I could have had a bigger role in his administration later. But his politics and mine were different anyway.*

*I was impressed and grateful to him and his wife a lot more when I learned later of their support for Southeast Asian refugees. Dukakis visited refugee camps many times in the 1980s, helped reunite hundreds of Cambodian refugees, and testified in front of the US Senate for more compassion for refugees. In 1985, Mike Dukakis was the first Governor in the US to have signed an executive order establishing the Office for Refugees and Immigrants, where I was appointed as Executive Director in 1994 by then-Republican Governor William Weld.*

*More than two decades later, I had opportunities to interact more with Governor Dukakis through the Boston Global Forum. The more I get to know him, the more respect I have for him. His visionary ideas are endless. He is as funny and friendly as ever. And most of all, as Assistant Secretary of Business Development and International Trade for the Commonwealth, I reaped the benefits of Governor Dukakis' vision, the Centers of Excellence. Whenever representing the State to welcome diplomatic or business visits, I would proudly showcase Massachusetts Life Science Center, Massachusetts Clean Energy Center, Massachusetts Technology Collaborative, and many others to all of them. These Centers represent the best of Massachusetts. They are the envy of other states and countries. All thanks to Mike Dukakis.*

*Massachusetts is a very small state; yet our impact and influence on America and the world are much larger than our size. This happens owing to our great people and leaders, and Governor Dukakis stands tall among them. As a former humble refugee and now a proud Vietnamese American, I owe a huge debt of gratitude to both Mike and Kitty Dukakis.*

*Happy Birthday, Governor.*

## Vint Cerf, Chief Internet Evangelist, Father of the Internet



*I have had the pleasure of meeting Governor Dukakis in his later incarnation as a sponsor of the AI World Society through his Institute for Leadership and Innovation. Governor Dukakis has stayed current with advanced information technology and its impact on society for many years and it is my hope that this will continue well into the future. Happy 90th Birthday to Governor Dukakis!!*

## Paul Nemitz, Principal Adviser on the Digital Transition, DG Justice and Consumers, European Commission

### *From the Presidential Campaign to the Boston Global Forum*

*Thoughts by Paul Nemitz on the occasion of the 90th Birthday of Michael Dukakis, on 3. November 2023*

*In August 1988, I arrived in Washington as a Fulbright Student, to study for a Master of Comparative Law at George Washington University. During the first weeks of September, I somehow got drafted into the Presidential Campaign of Michael Dukakis. In fact, my American friends who discovered that I had been the Chair of the Young Social Democrats in the City of Hamburg, Germany, thought I would be a good campaigner for Michael Dukakis. I knew nothing about American politics, except that as a Social Democrat in the fourth generation, I could say with confidence that the politics of Ronald Reagan and George Bush were not ours. So I said yes to joining the campaign as a student aid. And off we were bussed from Washington to Philadelphia. On the Bus we received a list of names and numbers to call and a card with the text:*

*"Hello, I am calling from the Dukakis/Bentson campaign. Senator Bentson is coming to town this week. Would you like to join the event ?"*

*In Philadelphia, a Democratic Law firm had given its offices to the campaign of Michael Dukakis over the weekend. So we Law Students were using the phones in the office to work down our call list. On the way back, we stopped by the local campaign headquarters, a former cinema. It all looked improvised. And very weak on substance. At the time, the German SPD had more than one Million Members. In the city of Hamburg, the Party had a large, bright office building, with big and small meeting rooms, print shops, offices, service counters for new Members. There was a strong local party organization, with party managers employed in more or less lifetime jobs who served the office holders, different branches of the party and individual Members.*

*Campaigns were largely based on the engagement of Party Members, with only very little extra expertise and men and women power brought in from the outside. In the US, in 1988, in contrast, I saw a Democrat's campaign largely run by non-members of the Party. In the conversations on the Bus, it was clear that most of the fellow students working on the campaign did not know much about Michael Dukakis and his programme. They did not like Reagan and Bush, so much was clear. I was used to detailed party programmes, pamphlets and brochures on any issue of policy readily available from the Party at local Party Headquarters. Nothing like that I saw in this Presidential Campaign. It dawned on me that Democracy in America is a different animal compared to Democracy in Germany and Europe. It seemed a much more casual affair. Nobody I met on the campaign complained about long party meetings like fellow SPD party Members in Hamburg would do regularly. Politics was fun, a weekend trip to Phili, was cool.*

*As quickly as the campaign support team was assembled as soon it fell apart after the election. There was no political bond formed. I received a sympathetic standard thank you letter from the Head of the Campaign, Susan Estrich, the first woman to run a presidential campaign in America.*

*This is how I got to know the name of Michael Dukakis.*



*Fast forward a bit less than 30 years, watching US Politics on Privacy and Digital from Brussels, I regularly came across names like Ed Markey and Elisabeth Warren. Both were from Massachusetts, both made substantial contributions to the privacy debate and were sympathetic to developments in European Law addressing the need to protect privacy in the digital age and to reign in on the power of Big Tech. It has always been my view that many problems in this world and in the transatlantic relationship in particular could be solved if America itself passed the laws necessary to frame the power of Big Tech and to ensure that fundamental rights of people, such as privacy, are protected in the digital age and that digitalization, platforms and social networks are not undermining Democracy.*

*And here it dawned on me: Michael Dukakis, Elisabeth Warren, Ed Markey – Massachusetts is a contemporary hotbed of enlightened politics, even if one forgets the Kennedy legacy.*

*When I came to Boston as a founding Member of the Global Council on Extended Intelligence, an interdisciplinary body which worked on principles for good governance of AI, run by the IEEE and the MIT. I met Members of the Michael Dukakis Boston Global Forum and joined their debates. It is here that I met Michael for the first time Michael in person. He often moderates the debates of the Boston Global Forum and contributes his own very sharp thoughts on AI Governance and the relation between Technology and Democracy. He has been driving both intimate conversations and global high-level events of the Boston Global Forum, always seconded and supported by the able hands of CEO Nguyen Anh Tuan, who developed the Boston Global Forum into a powerhouse of intellectual leadership on key challenges for mankind, building on the respect and friendship to Michael of many global leaders in democracy and politics and the intellectual potential of Boston.*

*Many thought leaders of the great academic institutions in and around Boston have joined Michael on the Board of the Boston Global Forum. Today, the interdisciplinary competence of the Boston Global Forum, fueled by its Members from Politics and Academia, and its global outreach are unmatched. Michael has created with the Boston Global Forum a Partner for the UN, for Heads of States and Government United in the Club of Madrid, for many governments, political and academic institutions, think tanks and foundations around the world who want to drive forward the Massachusetts type of progressive, enlightened thinking on Technology and Society of which the world needs much more.*

*Thank you, Michael, for what you have built and achieved over a lifetime. I am proud to be at your side and that of the friends and colleagues in the Boston Global Forum and to carry your Message to the world.*

*I wish you health, happiness and perseverance for the years to come and look forward to many more debates with you in your Boston Global Forum.*

***Paul Nemitz, 3 September 2023***

## Thomas E. Patterson, Bradlee Professor of Government & the Press, Kennedy School of Government, Harvard University, Cofounder of The Boston Global Forum



*I had met Mike Dukakis years before we gathered in my office to talk about a non-profit that Tuan Anh Nguyen and I were thinking of creating. But our past encounters had been brief and marked by long intervals so I wasn't sure how Mike would respond. What I was sure about was that we needed Mike if the NGO was to be successful.*

*The idea behind the non-profit, which we proposed to name the Boston Global Forum, was simple enough. Boston had a wealth of intellectual talent but it was largely siloed within the boundaries of its many universities and even within the departments of those universities. What if there was an organization dedicated to tapping into that talent regardless of silo? And in its most ambitious version, we envisioned the Boston Global Forum as including thought leaders worldwide. Tuan and I understand, however, that the vision could only become a reality if it had a leader who was widely known and respected, here and abroad.*

*But would Mike say yes, given his substantial obligations at Northeastern University and UCLA, where he divided his academic year? As it turned out, our worry was misplaced. Mike said yes almost as soon as we had finished explaining the idea to him.*

*That first day –I can't recall who had the idea – we settled on a model for the Boston Global Forum. Each year, we would address a pressing international issue by assembling knowledgeable scholars and practitioners who, in a series of online conferences stretching over the year, would conclude the proceedings by drafting a position paper on the issue.*

*Mike had a big part in selecting the first issue – the employment conditions of Third World garment workers. The selection stemmed from the recent Rana Plaza disaster, where more than a thousand garment workers were killed when their crowded, substandard factory building collapsed. There were higher profile events in 2013 but, for Mike, Rana Plaza was emblematic of much of what was wrong in the world: Ordinary people paying the price for someone else's lust for money or power.*



*In subsequent years, other issues drove our conferences and position papers but, throughout, Mike has been steadfast in how we resolved the issue on the table. The details mattered, as did the evidence. And always, did our proposals emerge through a process of negotiation and compromise? Had we reached a consensus? And had we come up with proposals that would work? The historian Daniel Boorstin, while noting the destructive effect of ideology in Europe, praised American leaders for their "pragmatism." It's hard to think of a better example than Michael Dukakis.*

*As an elections scholar who had followed Mike's career in the 1970s and 1980s as he rose to political prominence first in Massachusetts and then nationally, I had a pretty good idea of where he stood on domestic issues – in the tradition of FDR and LBJ, the primary architects of our social welfare and civil rights policies. Truth be told, until the opportunity over the past decade to hear Mike talk about global issues at our conferences, I would have been a bit hard-pressed to describe his foreign policy objectives.*

*That's no longer true, and it reinforces my belief that American politics today would be different if the 1988 presidential election had turned out differently. Virtually everything Mike stands for is in short supply today, and the world is less secure because of it. To list but some of the policy preferences I've heard Mike repeatedly express: multilateralism, diplomacy with military force only as a last resort, international cooperation, human rights and democracy, strong economic ties, climate protection, strong international organizations, nuclear non-proliferation.*

***What a decade it's been for the Boston Global Forum under Mike's leadership. An organization that began as nothing more than an idea has become a global network of thought leaders with ties to the United Nations, the Club de Madrid, and other organizations dedicated to a more secure, prosperous, and equitable world.*** *Mike has generously lent his extensive political and policy expertise to BGF's initiatives and growth. Looking back, I wonder now why I was anxious when we asked Mike to chair the Forum. His life has been one of continuous public service. BGF was yet another opportunity to make a difference.*

## Žaneta Ozoliņa, Professor of International Relations in the Department of Political Science, University of Latvia

***Governor Michael Dukakis sets an example of political leadership in the 21st century. His leadership is based on the principles of cooperation, support, engagement, and excellence. Governor Dukakis gathers brilliant people around him, collaborates with partners and friends, innovates brilliant ideas, and implements them together.***



*His strive for a more secure and prosperous world based on humanistic principles serves as a motivation and driver to many, starting from local communities to the international society.*

## David A. Silbersweig, Stanley Cobb Professor of Psychiatry, Harvard Medical School, Harvard University

*Governor Dukakis has been a beacon of perspective, wisdom, graciousness and integrity for the Boston Global Forum, for our state and for the world. He has brought deep experience and ability to get right to the heart of the matter, rooted in ethics and knowledge of politics. He has exemplified leadership and given a platform for others to lead for good. He bridges the latest advances with age-old human nature to maximize the impact of the BGF and AIWS, in its partnership with other leading international organizations. He reminds us all of common human decency, of how we as societies are falling short, and how we need to keep our eye on the most important elements to improve local, national and global lives.*

## Nazli Choucri, Professor of Political Science, Massachusetts Institute of Technology

*These achievements, individually and collectively, point to the remarkable persona of Michael Dukakis - the individual, the statesman, the manager, the leader, the collaborator, the problems-solver and the inspirer of a better future for all. Everyone who has worked with Governor Dukakis recognizes these underlying characteristics, and would undoubtedly expand further. In interactions with others, he has always shown calm and compassion. Differences of view are dealt with equilibrium and balance. Priorities are reviewed and assessed with efficiency and requisite equity. Errors are noted and corrected with kindness and grace. Visions of better futures are presented with the power of persuasion, moderated by modesty, while steered by respect for all.*





## Francesco Lapenta, (Ph.D) Director, Institute of Future and Innovation Studies, John Cabot University (Rome)

*I had the privilege in the past two years of witnessing the remarkable contributions of Gov. Michael Dukakis to the global debate surrounding AI development.* ***Through the establishment of the AI World Society (AIWS), Gov. Dukakis dedicated his vast experience and resources to creating a safer and more just development of AI, while upholding fundamental human rights, and democratic values.***




*With his exceptional dedication, leadership, and commitment Gov. Dukakis has been a driving force in our global mission of ensuring that the power of developing AI systems is harnessed for the common good of society. His ability to lead countless collaborative efforts with other distinguished world leaders demonstrates a true dedication and commitment to safeguard shared ethical principles, and the well-being of the planet and all individuals and societies in the era of AI.*

*Through the AIWS initiative, of which I have been honored to be an active participant, he has set a precedent for international cooperation and the promotion of policies that prioritize human rights, safety, privacy, and democratic principles.* ***Michael Dukakis' vision and advocacy are playing a pivotal role in creating a diplomacy model for shaping the future of AI technology and its responsible use.*** *I celebrate his crucial role in this endeavor, and I tirelessly embrace his mission of creating a future where AI technologies are developed and deployed in a manner that benefits all of humanity.*

## Quynh Nham, Shinzo Abe Fellow, Director of Boston Global Forum Community Development

*To be working under Governor Michael Dukakis' leadership is an immense honor and a transformative life experience. Long before artificial intelligence became a global concern, Governor Michael Dukakis had recognized the potential of artificial intelligence (AI) and other digital technologies. His forward-thinking approach and pioneering efforts to establish AI World Society in 2017 as a means of counteracting harmful and unethical uses of AI and encouraging responsible and extensive application of AI and digital technology in all aspects, including political, economic, and social life of AI World Society has laid solid foundations for the Age of Global Enlightenment. Under Governor Dukakis' leadership, the Boston Global Forum has achieved remarkable milestones in Remaking the World in the Age of Global Enlightenment, including Social Contract for the AI Age, Global Alliance for Digital Governance, Framework for an AI International Accord, AIWS History of AI, AIWS University model and AIWS Leadership Program, the book Remaking the World – Toward an Age of Global Enlightenment, Global Enlightenment Mountain, Global Enlightenment Community, and Global Enlightenment Club.*



*In an age when information flows freely across borders, Governor Michael Dukakis' advocating for international collaboration and his support for organizations such as the United Nations demonstrates great dedication to fostering a more interconnected and enlightened world.*

*His commitment to promoting a global community that values knowledge, compassion, and progress is truly commendable and inspiring for many young generations.*

3

# Remarks On World Peace And Security By Governor Michael Dukakis



*Dear honored guests,*

*Thank you for gathering today to commemorate my 90th birthday and discuss issues of global importance.*

*We have a responsibility to ensure the well-being of our world and the generations that will follow us. If there is a single theme that defines the challenge, it is the persistent need for peace and security. The world is in turmoil - a state of affairs that cannot be allowed to persist.*

*A pressing issue is the conflict in Ukraine. We must advocate for peace and call for Russia's withdrawal from Ukrainian territory. We have a moral obligation to demand adherence to every nation's right to sovereignty and self-determination – it's the foundation of the international order.*

*The situation in Gaza likewise calls for a fair resolution to the conflict, one where peace and justice prevail for all people in the region and where dialogue and cooperation replace threats and violence as the instruments of policy.*

*For too long, many nations have suffered from prolonged conflict and instability. It is past time to invest in people's education and disinvest in the weapons of war. Education alone is not sufficient but, without it, people of every nation, background, and faith will not have the secure lives they so justly deserve.*

*In closing, I want to say that the Boston Global Forum has no higher purpose than to do what it can to foster a world where the aspiration for peace becomes a global reality.*

*Thank you again for helping me celebrate my 90th and for all that you do, and have yet to do, to enhance international peace and security.*

4

# Honoring Amma With The 2023 World Leader For Peace And Security Award And Her Distinguished Global Enlightenment Lecture

## Remarks of Boston Global Forum CEO Nguyen Anh Tuan Honoring Sri Mata Amritanandamayi Devi (Amma) with the 2023 World Leader for Peace and Security Award



[Video] Boston Global Forum CEO Nguyen Anh Tuan Honors Sri Mata Amritanandamayi Devi (Amma) with the 2023 World Leader for Peace and Security Award

*My Namaste and Pranams to all*
*Distinguished leaders and esteemed guests.*

*Today, October 3, 2023, we gather to mark the 70th birthday of Amma, Sri Mata Amritanandamayi Devi. It is a time of celebration and also a time to recognize her for her extraordinary spiritual and charitable contributions. The Boston Global Forum (BGF) and the Michael Dukakis Institute for Leadership and Innovation (MDI) are honored to present to Amma our 2023 World Leader for Peace and Security Award. Past recipients of this award include Ukraine's Volodymyr Zelenskyy, the United Nations' Ban Ki-moon, and Germany's Angela Merkel, Japan's Shinzo Abe, European Commission's Ursula von der Leye.*

*Amma's legacy is one of profound compassion and unyielding dedication to spiritual and humanitarian values who has uplifted millions by giving solace, building homes, hospitals, pension plans, amongst many other projects. Her leadership as Chair of the Civil 20 Engagement Group of the G20 reflects her unwavering commitment to unity, compassion, and collective well-being. In a world marked by change and disruption, she reminds us that all of us can be a guiding light – a belief reflected in the motto of the C20 Summit India 2023 - "You Are the Light."*

*Amma's tireless efforts to foster a fair and sustainable planet are in perfect alignment with the principles of world peace and security championed by the Boston Global Forum and the Michael Dukakis Institute. Every life is valued, every act of kindness helps, every hug affirms our common humanity.*



## Mata Amritanandamayi's 70th birthday fete

Coimbatore, Oct 5: Prime Minister Narendra Modi in a video address greeted the spiritual leader Mata Amritanandamayi Devi on her 70th birthday which was celebrated with the participation of thousands of people at the two-day fete held at Amrita University campus. Mata Amritanandamayi Devi was honoured with the prestigious 'World Leader for Peace and Security Award. The formal event, brought together representatives from 193 countries and was graced by the presence of Kerala Governor Arif Mohammed Khan, Union Cabinet Minister Mahendra Nath Pandey, Union Ministers Ashwini Kumar Choubey and V. Muraleedharan, Deputy Speaker of the Legislative Assembly Chittayam Gopakumar, and the opposition leader of Kerala V.D. Satheesan

*Michael Dukakis, the Chair of the Boston Global Forum and three-time governor of the State of Massachusetts, aptly expresses our sentiments when he stated, "We are profoundly honored to recognize Amma as a World Leader for Peace and Security. Her tireless efforts to promote love, compassion, and global unity are truly exemplary. Amma's legacy will continue to inspire our collective journey towards a more harmonious world."*

*Through its AI World Society program, the Boston Global Forum seeks to employ technology in the service of humanity. We are honored to be able to integrate Amma's spiritual and humanitarian values into that initiative. It is a convergence where compassion and enlightenment join forces with technology to address the global challenges that have been at the heart of Amma's work. As the AI World Society seeks to shape a brighter future for all, we will be guided by Amma's principles in all that we do. We made that solemn commitment in a communique issued at the C20 Summit in Jaipur, India, on July 31.*

*With profound respect and gratitude, the Boston Global Forum and Michael Dukakis Institute extend their heartfelt congratulations to Amma on her 70th birthday and upon her recognition as our 2023 World Leader for Peace and Security Award recipient. She is a guiding light in our troubled world.*

*On November 2, a special gathering will be held at Harvard University's Loeb House, where Amma will deliver a Distinguished Global Enlightenment Lecture in conjunction with her World Leader award. The Boston Global Forum has also organized a Global Enlightenment Concert as a tribute to her unwavering commitment to the betterment of humanity.*

*In honoring Amma, we celebrate the profound impact of her life and work, and we pledge to carry forward her message of love, compassion, and global unity in our shared quest for a brighter and more harmonious world.*

*Thank you.*

***Om Namah Shivaya.***

## Distinguished Global Enlightenment Lecture by Amma




[Video] Distinguished Global Enlightenment Lecture by Sri Mata Amritanandamayi Devi (Amma)

*Amma bows down to all of you, who are embodiments of Pure Love and the Supreme Self. At the outset, Amma wishes to thank the Boston Global Forum for conferring this prestigious award on her. Amma feels that if she has made a positive impact on the world, it is solely because she has children who have chosen to selflessly love and serve others. Therefore, this acknowledgment and accolade should go to them. Amma's only wish is to offer solace to the suffering, wipe their tears and comfort them until her last breath. God has bestowed upon all living beings an exquisite and eternal divine flower. This undying flower is our sole shelter - planet Earth. Our Earth has an amazing power to provide us everything we need to overcome any challenge thrown at us by the changing seasons and weather. But God has also made us responsible for taking care of Earth and ensuring that her beauty, color, vitality and fragrance do not fade. What are we doing instead? Are we protecting this rare boon, or ruining it?*

*Externally, the gap between man and machine is decreasing. Internally, revenge, hatred and anger are eating away at the human mind. With advancements in science, man has learned to fly like a bird and swim like a fish, but has forgotten how to walk and live like a human. We end up destroying ourselves when we fail to handle science and technology with proper discernment. Science and technology do not have any awareness or discerning power of their own. We need to have the right values to direct them.*

*Humans believe that they can conquer the entire universe using science and human intelligence. This is similar to the ignorance of a child who sees the sky through his bedroom window and claims it to be his own. In reality, what man's intelligence has discovered is nothing but a small speck of this infinite universe.*

*Human beings are like waves that frolic on the surface of the boundless ocean yet know nothing of its depth or vastness. Waves are born and die in the ocean. All living beings are waves in the infinite ocean that is God. We are born, live, die in this infinite ocean. Just as the wave and the ocean are essentially one, man, nature and God are essentially the same.*

*We should learn to have gratitude towards everything in life. We are indebted to everything in this world—to all the creatures that helped us grow and made us who we are today. This Earth is our mother. Nature is our mother. We should never forget our debt to our mother. We should not walk away, refusing to pay heed to the cries of our brothers and sisters in pain. We should do what we can to help them. To help those in need, we may not need position or wealth. All we need to do is offer a loving word, a compassionate glance, a helping hand. Just these simple acts can make our life and theirs, bright and meaningful. It is what we give—not what we take—that determines the value of our life. If we can bring a moment of happiness to just one person's life, it will greatly enrich our own.*

*May all you children be able to achieve this.*
*May divine grace bless you all.*

5

# Announcing MoU Between Amrita University And Boston Global Forum In Collaboration To Develop AIWS In India

The collaborative initiative unites the Boston Global Forum (BGF), the Michael Dukakis Institute for Leadership and Innovation, and Amrita University in a joint effort. The collaboration brings together the strengths and expertise of BGF and the Michael Dukakis Institute in extensive policies research and execution to reach the masses, which helps Amrita University to expand and implement its innovative solutions on a larger scale.




Amrita University and Boston Global Forum signed MoU to develop AIWS in India

Amrita University is a leading educational institution known for its innovative approach to learning and its global impact. With a three-part vision focusing on education for life, compassion-driven research, and global impact, the university aims to provide scalable solutions to societal challenges. Amrita University has produced numerous innovations that have effectively addressed problems on regional, national, and global scales.

Besides, sustainable development remains a primary emphasis at the university. It concentrates on resolving common challenges faced by citizens, including energy, environment, water, health, sanitation, gender equality, and livelihood skills development. These solutions merge technology with behavioral sciences, aiming to create a global impact. Moreover, the university's recognition in India as per the Times Higher Education impact rankings, along with its contributions to various sustainable development goals.

The collaborative initiative unites the Boston Global Forum (BGF), the Michael Dukakis Institute for Leadership and Innovation, and Amrita University in a joint effort. The collaboration brings together the strengths and expertise of BGF and Michael Dukakis Institute in extensively policies research and execution to reach the masses, which helps Amrita University to expand and implement its innovative solutions in a larger scale.

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Amrita University aims to amplify its efforts by addressing crucial policy challenges such as technology, security, transparency, and disinformation in collaboration with the Boston Global Forum (BGF). The collaboration between Boston Global Forum (BGF), the Michael Dukakis Institute for Leadership and Innovation, and Amrita University stands as a beacon for a future where innovation aligns seamlessly with ethical norms, ensuring a world where technology serves society responsibly and sustainably.

6

# 90th Birthday Celebrations: Introducing New Initiatives In Honor Of Michael Dukakis

## In Collaboration With The Active Inference Institute: Advancing Human-Centered AI Through Integration With Natural Systems And Neuroscience: Toward Policy And Societal Well-Being

### Nature Based AI Joint Initiative Science - Technology & Policy: Boston Global Forum & Active Inference Institute

***By John Clippinger***

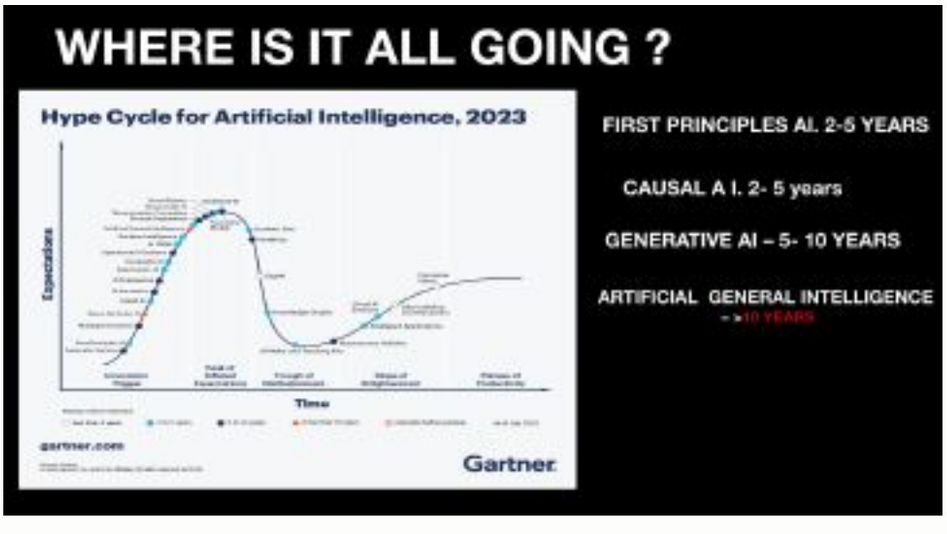


*Dear friends,*

*The alarm over the "existential threat" of AI is resounding throughout social, popular, and trade media. Calls for the pause, regulation and ethical oversight over AI are ubiquitous. Tech giants like Open AI, Meta, MS, Google and slew of well-funded startups are decrying the perils of Artificial General Intelligence (AGI) while developing and promoting their own AI products. Yet there is little discussion of the impending science of what intelligence might be and its origin in the fundamental physics of life, and hence, the natural role of "intelligence" in all aspects of life, human and non-human.*

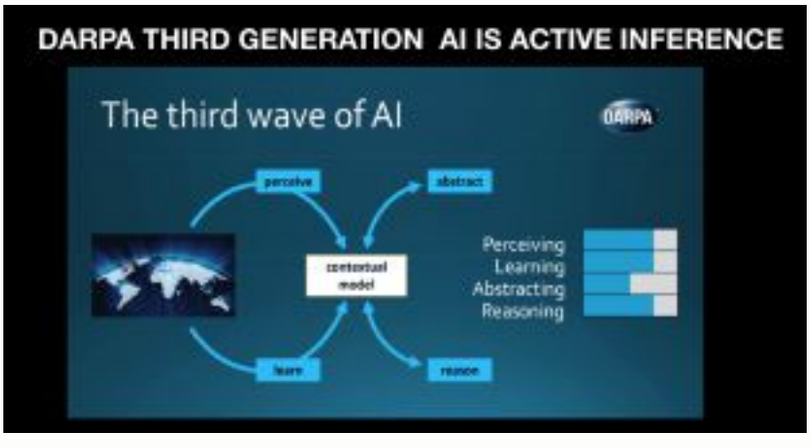
*The current framing of threats and opportunities are all in the context of machine-based AI, where the formative issues are engineering and commercial viability to be mitigated by historically failed modes of regulation and oversight. The business models and regulatory models remain the same, the a priori extraction of maximum value by private interests with the a posteriori mitigation of negative externalities by public institutions. It is an open question whether such default modes of oversight will suffice for AI, whether we, as humans, will define the machine or if the machine will define us.*

*In fact, the current AI initiatives also come with several limitations. They lack the ability to self-reflect or self-correct; they are essentially corpus-bound. While they can comprehend the structure of a corpus with billions of parameters, they lack a sense of self-awareness and the capacity for introspection. Moreover, there is no established independent scientific criteria to determine whether a model is deemed good or not; this is more akin to engineering than true science. While certain individuals have accomplished notable innovations through engineering and the application of scientific methods, it's worth noting that, fundamentally, it still falls under the umbrella of engineering. The AI models cannot explain or adaptively update themselves. This becomes particularly problematic as the inner workings of these models function as a black box, making it challenging for us to understand why they make specific decisions. The lack of transparency leads to instances of hallucination, where the AI system produces outputs without clear reasoning, again, leaving us in the dark about when and why such hallucinations occur.*



*I would also like to point out the black dot at the top of the hype cycle, which is the generative AI. That's sort of where we are now. On the bottom, there's something called first principal AI that's what we're arguing for. This approach is based on science and is estimated to be achievable in the next two to five years. In contrast, generative AI, placed in the hype cycle, is expected to take around 10 years. The broader idea of achieving artificial general intelligence is also forecasted to be approximately a decade away. So, there seems to be a mismatch in how we view the current state of technology, identify crucial technologies, and estimate timeframes.*

*This is not to downplay the potential negative impacts of AI but to suggest that it might be seen through a lens that's not entirely accurate. Even DARPA distinguishes between second and third-generation AI, with our current state being second generation, not yet reaching the third. This emerging third-generation AI, often referred to by various names, is what we term as active inference - a scientific approach to collective cognition grounded in non-life. This novel concept is founded on the idea that living organisms, including humans, have evolved to minimize surprise and uncertainty in their environment. It suggests that living beings continuously predict and adapt to their surroundings based on the available sensory information. These predictions or hypotheses are updated as new data is received, enabling organisms to make decisions and take actions that maintain their survival and well-being.*




*So, essentially, we are delving into understanding the scientific principles that underlie cognition, and I believe we are on the verge of significant breakthroughs in this regard. We are at the brink of an exciting, foundational, cross-disciplinary scientific "breakthrough" in our understanding of what constitutes "living things", and "extended cognition" at all scales and domains.*

*This breakthrough is every bit as consequential as genomics and synthetic biology, and therefore, emphatically should be treated with the same, if not even greater, oversight of scientific caution and rigor. If at all possible, "AI" should not become captive to unbridled commercial and political interests as has been the record for the many technological innovations. That may prove to be a naive hope, as already machine learning algorithms to enhance "engagement" (e.g., addiction) continue to spread cognitive opiates of fear, grievance, and conspiracy.*

*Such elementary AI has fundamentally contorted public perceptions of vaccinations, elections, the economy, history, and even science itself. Should this trend continue, and indeed be amplified through "AI", the need, indeed, the demand for trusted evidence-based, tested, and calibrated content and expertise will become paramount. If, as many analysts predict, "Artificial Intelligence" will be ubiquitous and underpin virtually every application and organizational function imaginable, then intelligence itself must be understood in the most rigorous of scientific protocols and adhere to principles of data provenance. To inoculate ourselves from the future abuses of Artificial Intelligence, much less Artificial Generalized Intelligence (AGI), we will need the thorough and independent vetting and protocols of science. We will need policy and technology to be thoroughly grounded and vetted by the very best scientific practices. Such an approach might lead to new ways of overseeing and directing AI that are not a posteriori corrective, but a priori principles intrinsic to the forms of intelligence being synthesized.*

*Through the combined efforts of the Active Inference Institute, whose founding principles are grounded in science and the computational physics and biology of living intelligence and open technologies, and the Boston Global Forum, whose mandate is the formation of global policies and AI World Society model for the inclusive and beneficial application of AI, significant opportunities arise. These opportunities extend beyond merely shaping the public discourse on AI but also involve forging collaborations to advance the scientific comprehension of living intelligence. This collaboration aims to offer scientifically informed policies and guidance. The signatories of the attached letter endorse these perspectives and align with the sentiments expressed in the signatory letter.*

## HIGHLIGHT

# Joint Letter Summary Between Boston Global Forum And Active Inference Institute



***An Alternative AI Based on The Science of Computational Physics, Biology and Neuroscience - Policy and Societal Significance:***

- *Public narrative about monolithic "superintelligence" and AGI misleading and not science-based and leading to faulty policies.*
- *Presumption of computational intensity and Big Tech concentration is false*
- *The dangers of abuse are real but not intrinsic to the technology but how it is commercialized.*
- *The computational sciences of physics, biological and neuro-sciences resolve many of the issues around current LLMs and Generative AI*
- *Invitation to engage in new public conversations around science, technology and policy issues around AI for the common good.*

*I want to emphasize the potential of the Boston Global Forum and the Active Inference Institute to foster the integration of policy, science, and technology. During my ten-year tenure at the Berkman Center, we established a 'law lab' with a focus on computational law. It is crucial to recognize that technology is not separate but rather integral to our system. Therefore, we must reframe our regulatory frameworks to keep pace with technology, utilizing it to comprehend and apply appropriate regulatory structures. The Boston Global Forum and Active Inference Institute will drive this initiative forward by integrating the fields of computational and life sciences into policy promoting and testing by:*

- ***Integration of Computational and Life Sciences:*** *Developing policies founded on the understanding of computational and life sciences.*
- ***Creation of Bounded Policies:*** *Framing policies that are intentional, self-corrective, and designed within defined boundaries.*
- ***Avoidance of Negative Externalities:*** *Addressing and mitigating adverse effects arising from technological advances and AI systems through policy guidelines.*
- ***Introduction of Normative Criteria:*** *Setting new standards based on computational neuroscience principles to regulate AI development and implementation.*

*I would like to have your indulgence to geek out a little bit on this next generation AI because I think it's very important. It represents a new frontier in science, and it's crucial to recognize it as such. To effectively address the concerns that people have, delving deep into the scientific underpinnings is necessary to formulate evidence-based responses. Our stance is that there is actually a science of intelligence, a science of living things—biology, neuroscience, and even physics—that's very resonant with what Alma was saying. The current narrative is skewed and there needs to be an alternative, not just an alternative voice, but alternative kinds of research and integrating that with policy.*

*Thank you!*

# Nature's Intelligence - Human-Centered AI, Natural Systems and Neuroscience: Societal Well-Being

***Speech by Tom Kehler***

*The notion of Nature's intelligence is essential. From the prior discussions and what we've deliberated upon, understanding how the world of living physics and physics itself can profoundly influence and guide us is imperative. It offers a much safer and more sustainable pathway to create a better future, aligning with the sentiments shared by Michael Dakus and Amama earlier. It's a crucial moment. There's one central idea I'd like us to take away: an AI inclusive of the collective intelligence of humanity. This is a crucial element for our future endeavors.* ***How do we leverage artificial intelligence and the emergent intelligence found in nature to create a more productive and brighter future filled with joy rather than rage?***

*The history of this concept extends far back, and if you read this quote: "****I am convinced that the unwritten knowledge scattered among men of different callings surpasses in quantity and in importance anything we find in books, and that the greater part of our wealth has yet to be recorded." Gottfried Wilhelm Leibniz.*** *It essentially reflects what we may not be fully recognizing today. A substantial amount of knowledge concerning how we should proceed exists implicitly in our interactions with each other. It's not always documented in the texts or data we leave behind. Therefore, it's crucial that we foster interaction and sharing in the evolution of knowledge.*

*Judea Pearl previously mentioned that 'you're smarter than your data,' signifying that there's more to intelligence than what's captured in the data itself. Similarly, Jeffrey Hinton, one of the pioneers of deep learning, suggests that since we've created these systems, we can create something different, which emphasizes grounding these technologies in scientific laws. The humility in understanding that nature is grander than any human-made intelligence is vital.*



***As Richard Fan has highlighted, we should acknowledge that we've only scratched the surface, and nature's complexity surpasses what we might have invented.*** *A quote by Richard Fan conveys that while we've made significant progress in large language models, it's only a fraction of the vast knowledge out there. Fan suggests that we shouldn't pride ourselves on discovering how the world works, but instead be amazed by the beauty and complexity of nature. This humility is crucial for our work, acknowledging the privilege to operate within this realm and recognizing the concept of Grace.*







*We're not undermining the capabilities of large language models; they are undeniably impressive. However, what we advocate for is surrounding these models with collective intelligence and rooting them in scientific research. Allowing technology to operate independently of scientific grounding can be risky. If technology is left to its own devices, problems can arise. This is essentially a human issue. We, as humans, tend not to make the best choices when technology is left unattended. Therefore, collaboration in the development of these technologies is of utmost importance.*

*Let's consider this interesting fact: the mathematics governing phenomena such as magnets or bird flocking behavior is the same mathematics that governs deep learning. This correlation has been documented and suggests that when we engage in deep learning, we're essentially tapping into the inherent intelligence of collaborative systems.*

***Moving forward, we can leverage this knowledge. I have been part of a research effort for about eight years aimed at exploring how we can apply the principles of collaboration, sharing, and respecting each other's perspectives and beliefs. How can we transform these principles into a model that collectively amalgamates our knowledge? This is not just a theoretical concept; it's a technology that's readily available today.***

*We've actually applied these principles to tackle disinformation propagation. The question remains: how do we collectively learn the most effective methods to address disinformation? Moreover, how can we use this knowledge to manage the spread of misinformation, which was mentioned earlier? This serves as an indicator of the work we're doing with the Boston Global Forum as we're creating a new AI framework. It truly represents our potential to impact how AI is introduced and how it influences the world.*

## Putting The Best of Human Nature into Natural-Artificial Intelligence: A Brain-Based Approach

***Speech by Harvard Professor David Silbersweig***

***This initiative aims to use advanced technology and brain research to solve social problems and improve how people work together. It combines artificial intelligence (AI) and neuroscience to understand how our brains function and aims to use this knowledge to make society better for everyone.***

*The notion that the brain is the organ of the mind in the context of larger things and it produces subjective experience as far as we're aware and behavior. It does this in the larger context that we're talking about nature and wondrous things. We are biologically wet material.*



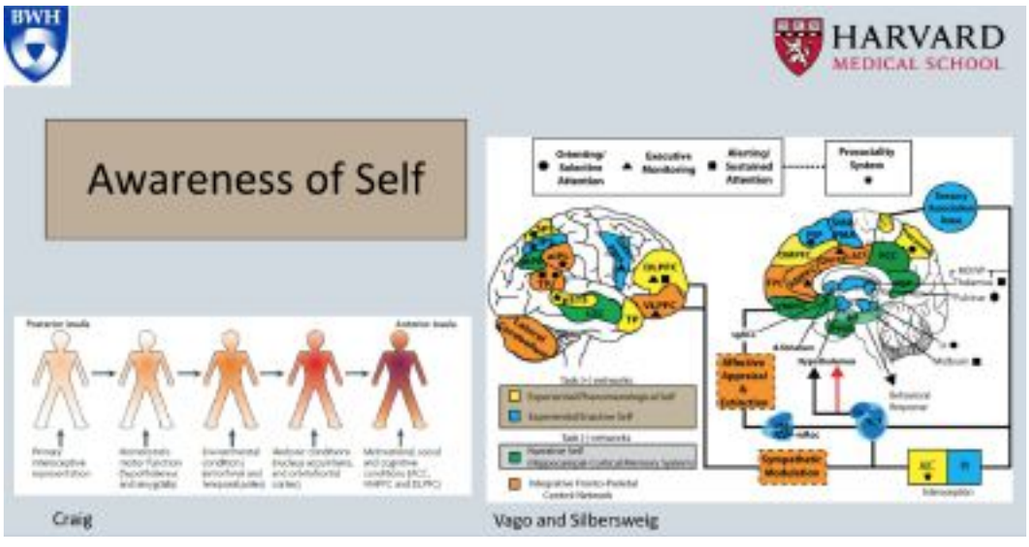
*Jared Foder, a philosopher of Mind, who I did my thesis on, talked about functionalism. It doesn't have to be biologic material; on some other planet in some other Universe, it might be something else. It's all about the components of a complex Network and how they come together to form emergent functions. Of course, artificial intelligence represents generative iterations of it represent ways in which, through silicon and other mechanisms, we, as a species, are creating other forms of intelligence, but not necessarily the same.*

*We have a lot of techniques now, ranging from molecular to the work that I do, which is* ***brain Imaging, brain systems, and circuits.***




*We have ways of understanding now, although it's still very incomplete and a work in progress. We can talk about ultimate limitations or not of it, ways in which the brain produces mental life and behavior, and indeed, a sense of self and social interactions and intellectual interactions, which will bring us full circle to what John and Tom were talking about.*

*I always love to look at this because we are not how you would have designed us. You know, in 2023, we have this Confluence of phonetically preserved deep limbic regions that are more automatic unconscious emotional, mnemonic, etc., combined with these higher order Associated abstract cortices. To understand us and the mess that we are as a species and the mess that we're in is to understand disorders, whether it's of individual people of their mind-brain or Society, I think, and ways of understanding societal pathologies that we see play out in the violence and polarization in the world. We have to understand how we are wired and then hopefully work with that which we create in terms of AI and other approaches to see if we can take the best parts of ourselves, if you will, and try to minimize, at least at the population level if not the individual level, some of the worst parts of our species.*

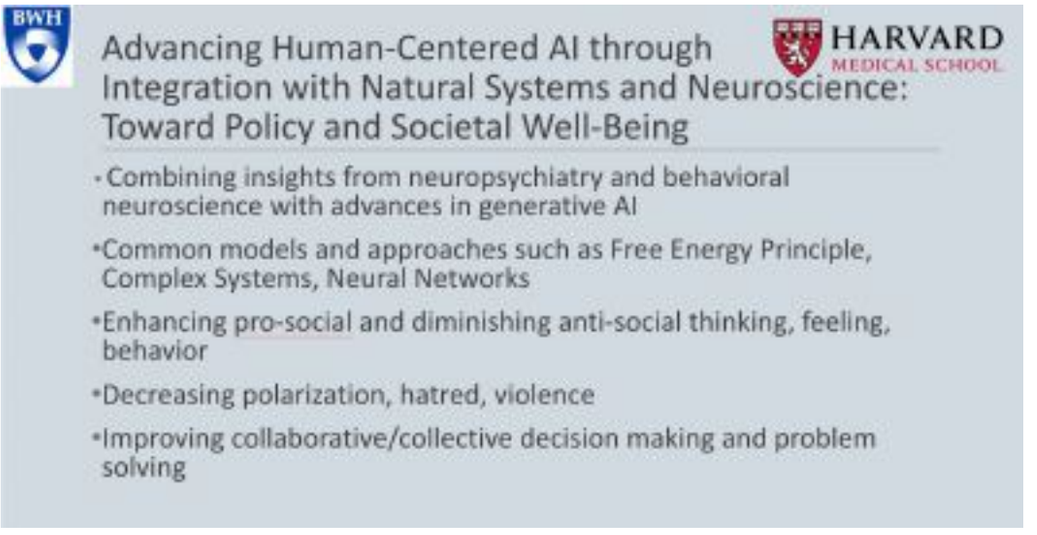



*We are able to see our brain at rest and patterns of our brain at rest. Even when we are 'doing nothing,' our mind is actually giving us an internal world and allowing us to sense the external world. We can even talk about the ways in which we can think about the self. I was fortunate to be at a conference with the Dalai Lama about the Neuroscience of the self and their ways of bringing these psychologies together, if you will, across cultures, across time and traditions.*

*Importantly to this effort that Tom and John are talking about is how our brain represents other people and their intentions or misrepresents them. We now are in an era where we can start to understand the circuitry underlying that.*

*When these circuits go awry, you can have things like paranoid delusions and schizophrenia. All that is on one level is our otherwise adapted phonetically older threat circuits because we need to detect threat and react to it, labeling something as threatening or someone is threatening when they're not, but then your brain takes you along for the ride if you will. Next, We're in an era where we can do something about these things, ranging from psychotherapy to pharmacotherapy to even brain stimulation as we understand these circuits..*

*There are ways of quantifying this. This gets back to common principles of free energy principle and the way in which deep learning and neural NS, and indeed artificial NS, work. Ultimately, what we want to do in this forum is bring these together in order for good, not for ill.*




*You can even understand political ideologies neurobiologically these days, which is fascinating. It could be a whole talk in and of itself. Why certain people lean left or right and what are the brain systems that are associated with how we deal with uncertainty or how open we are to other people or not.*

*Moral decision-making, importantly differences between ingroup and outgroup. As a species, we evolve to distinguish, unfortunately, between our own group, as defined by any number of things, and the other. There's a biology to this that we need to understand because we need to get beyond it and realize that we are all the in-group; we are all in it together.*

*The way in which we can do this, having to do with collective intelligence and interacting minds, we're now able to even scan the brain and understand how brains, minds, people are literally as well as figuratively in synchrony with one another, and we want to enhance this in a positive way.*

***What is it that we want to do with this effort in the Boston Global Forum? Thanks to Tuan and everybody for being able to support this sort of effort. We want to combine these worlds of the AI generative AI with neuroscience and neuropsychiatry, which is developing at a rapid rate as well.*** *And look at these common models and work together in the ways that John and Tom articulated so eloquently for pro-social rather than antisocial. We need to understand the biology of the antisocial in order to minimize it and the pro-social in order to maximize it and use these Technologies, which, as said, are reflections of our own brain but can improve upon it in certain ways or are inferior in other ways in a complementary fashion in a safe ethical moral fashion in order to improve how we can collaborate and work together.*

***So finally, next step of advancing human-centered AI through integration with natural systems and neuroscience for policy and societal well-being must include the following:***

- *Combining insights from neuropsychiatry and behavioral neuroscience with advances in generative AI*
- *Common models and approaches such as Free Energy Principle, Complex Systems, Neural Networks*
- *Enhancing prosocial and diminishing anti-social thinking, feeling, behavior*
- *Decreasing polarization, hatred, violence*
- *Improving collaborative/collective decision-making and problem-solving*

*I would like to have your indulgence to geek out a little bit on this next generation AI because I think it's very important. It represents a new frontier in science, and it's crucial to recognize it as such. To effectively address the concerns that people have, delving deep into the scientific underpinnings is necessary to formulate evidence-based responses. Our stance is that there is actually a science of intelligence, a science of living things—biology, neuroscience, and even physics—that's very resonant with what Alma was saying. The current narrative is skewed and there needs to be an alternative, not just an alternative voice, but alternative kinds of research and integrating that with policy.*

*Thank you!*

# In Collaboration With Amrita University, India: World's Congress Of Religions In AI Responsibility: Faith And Reason In The AI Age

***Speech by Martin Nkafu NKemnkia, Pontifical Lateran University Professor, and Dr. Krishnashree Achuthan***



*The first thing I want to announce is that I hope the Boston Global Forum will soon be a part of our initiatives in interreligious dialogue. We have been working on this team worldwide for a long time, collaborating with Muslims, Hindus, Buddhists, African religions, indigenous religions, and popular religions, engaging with leaders, whether appointed or through democratic processes. In the African context, every citizen is considered a leader in society, and we are all involved in shaping our culture. This perspective emphasizes that there is no hierarchy between the human and spiritual aspects of life; everyone shares equal importance.*

*Religion and culture go hand in hand in Africa, and the distinction between spiritual and human is minimal. The heritage of values in the community matters the most. As we celebrate the wisdom of a 90-year-old individual, it signifies the Creator's endorsement of their life experience. In Africa, reaching such an age is a significant accomplishment, and the wisdom accumulated becomes a valuable resource for the community. These natural leaders are not appointed; they cannot be removed or reformed.*

*The initiative we are launching in Rome will bring together diverse communities from May 29 to June 5, 2024, with an open day on June 2nd. This is an opportunity we discovered only after arriving here, and I propose that we request a session during the National Congress on that second day to formalize our section within the Boston Global Forum. All of you are welcome to be part of this initiative. Rome is not just a location; it offers unique benefits. We will have sessions and, apart from those, visit key sites in the city. The Pope will also receive us, continuing the tradition from our previous symposiums in Tokyo, Chiang Mai, Thailand, and Africa. Becoming partners in this initiative could open doors to more collaborations.*

*As interreligious members, we have yet to delve into the use of IE. For us, technology is a tool in the service of humanity, created and generated by humans. Encouraging its thoughtful use aligns with our mission, as we don't see technology as disruptive to spirituality. Many congregations and religions uphold their spiritual values even in the digital age. Ignoring technology is not an option, and now is an opportune time to bring this matter to the forefront. You may be the ones to present it during the Congress. I've prepared a text detailing how Africans live their religion, and you are invited to discuss how they can engage in intelligent dialogue. Please feel free to read and comment on the text, and we will ensure all your contributions are effectively communicated.*

*Thank you!*

# Appendix



# Global Enlightenment Community: Distinguished Speakers And Delegates At BGF Conferences

# 2023

## November 2, 2023

| Celebrating Governor Michael Dukakis' 90th Birthday |
|---|
| Alberto Fierro, Consul General of Mexico in Boston |
| Amma, Spiritual Leader of India, 2023 World Leader for Peace and Security Award Recipient, Chair of the Civil 20 Engagement Group of the G20. |
| Arnaldo Minuti, Consul General of Italy in Boston |
| Bill Galvin, Secretary of State for the Commonwealth of Massachusetts |
| Dr. Krishnashree Achuthan, National Coordinator of C20 Summit on Technology, Security & Transparency and Dean of Post Graduate Programs, Amrita Vishwa Vidyapeetham |
| Dr. Peter Abbott Obe, British Consul General to New England |
| Ed Markey, United States Senator |
| Elizabeth Warren, United States Senator |
| Governor Michael Dukakis, Chair of The Boston Global Forum |
| John Clippinger, Co-founder of BioForm Labs |
| Maura Healey, the 73rd Governor of Massachusetts |
| Martin Nkafu NKemnkia, Pontifical Lateran University Professor |

## November 2, 2023

| Celebrating Governor Michael Dukakis' 90th Birthday |
| --- |
| Nazli Choucri, Professor of Political Science, Massachusetts Institute of Technology |
| Nguyen Anh Tuan, Cofounder and CEO of The Boston Global Forum Director of The Michael Dukakis Institute for Leadership and Innovation |
| Quynh Nham, Director of Community Development, BGF. |
| Ramu Damodaran, The First Chief of the United Nations Academic Impact, Co-Chair of the United Nations Centennial Initiative |
| Sanae Takaichi, Minister of State for Economic Security of Japan |
| Symeon Tegos, Consul General of Greece in Boston |
| Tom Kehler, Chief Scientist, and Co-founder of CrowdSmart |
| Elizabeth Warren, United States Senator |
| Governor Michael Dukakis, Chair of The Boston Global Forum |
| John Clippinger, Co-founder of BioForm Labs |
| Maura Healey, the 73rd Governor of Massachusetts |
| Martin Nkafu NKemnkia, Pontifical Lateran University Professor |

## April 5, 2023

| The Shinzo Abe Initiative 2nd Conference – Make the Economy of Japan Great in the Age of Global Enlightenment |
| --- |
| Yasuhide Nakayama, Former State Minister, Ministry of Defense and Foreign Affairs |
| Kotaro Suzuki, Consul General of Japan in Boston |
| Ichiro Fujisaki, Former Japanese Ambassador to the USA |
| Adam Posen, President of the Peterson Institute for international Economics |
| Cameron Kerry, Former US Acting Secretary of Commerce |
| Yoshimasa Hayashi, Japanese Minister of Foreign Affairs |
| Taro Kono, Japanese Minister of Digital Affairs |
| Jesper Koll, Senior Advisor, WisdomTree Investments Inc. |
| James Ferrari, Co-founder of the Global Enlightenment Mountain |
| Adam Posen, President of the Peterson Institute for international Economics |
| Etsuro Honda, Former Japanese Ambassador to Switzerland, former Special Advisor to the Abe Cabinet for “Abenomics”, former Staff Member of the MOF, Japan |
| Masazumi Wakatabe, Former Deputy Governor of the Bank of Japan (3/20~) Waseda professor |
| Tatsuo Hatta, Executive Board Chair, Asian Growth Research Institute, Former president of National Graduate Institute for Policy Studies “Mr. Abenomics” |
| Koichi Hamada, Yale professor, Special Economic Adviser to Prime Minister Shinzo Abe |

## April 5, 2023

| The Shinzo Abe Initiative 2nd Conference – Make the Economy of Japan Great in the Age of Global Enlightenment |
| --- |
| Koichi Hamada, Yale professor, Special Economic Adviser to Prime Minister Shinzo Abe |
| Shiro Armstrong, Professor of Australian National University |
| Waichi Sekiguchi, President of MM Research Institute, Former Editorial Writer of Nikkei Newspaper |
| John Henry Clippinger, Co-Director of the Law Lab at Harvard University |
| Thomas Kehler, Technology pioneer in AI (Chief Scientist, CrowdSmart, CEO, IntelliCorp) and eCommerce (CEO Connect) |
| Shyamal Sharma, Brandeis Scholar |
| Quynh Nham, Manager for Development of the Global Enlightenment Community |
| Tsuneo Watanabe, Fellow of Sasakawa Peace Foundation/CSIS |
| Noburu Okabe, Sankei editorial writer, Former London Bureau Chief |
| Peter landers, Wall Street Journal Tokyo Bureau Chief |
| Akiko Yoshida, Former Director General, MLIT, a member of America Japan Society |
| Yuji Ukai, President, FFRI Inc. |
| Hiroshi Ito, the former captain of the Ministry of Defense, the first cyber unit of the Self-Defense Forces |
| Toshio Nawa, a Cybersecurity Expert |

## September 22, 2023

| Building Vietnam's National Data Center and Data Economy |
| --- |
| Thomas Hardjono, Technology Officer, MIT Connection Science |
| Huynh Quang Liem, CEO of Vietnam Posts and Telecommunications Group (VNPT) |

## April 26, 2023

| BGF High-level Conference "AI Assistant Regulation Summit: Fostering a Tech Enlightenment Economy Alliance" – Celebrate 90th Birthday of Governor Michael Dukakis |
| --- |
| Enrico Letta, former Prime Minister of Italy |
| Zlatko Lagumdzija, former Prime Minister of Bosnia and Herzegovina |
| Sanjay Jain, Partner, Bharat Innovation Fund, India |
| Krishnashree Achuthan, Amrita University professor, India |
| Damon Cox, Head of Next Practice and Inclusive Growth – MassChallenge |
| John Clippinger, Co-founder of BioForm Labs |

## March 22, 2023

| The Second BGF High Level Dialogue on Regulation Framework for ChatGPT, GPT4 and AI Assistants |
| --- |
| Tom Kehler, Chief Scientist, and Co-founder of CrowdSmart |

## February 28, 2023

| BGF High Level Dialogues on Regulation Framework for AI Assistants and ChatGPT |
|---|
| Vint Cerf, Father of the Internet |
| Martha Minow, Harvard professor, former Dean of Harvard Law School |
| Ruth L. Okediji, Professor at Harvard Law School, Co-Director of the Berkman Klein Center |
| Margaret Hagan, Executive Director of the Legal Design Lab and a lecturer at Stanford Law School and the Stanford Institute of Design |
| Prof. Dr. Caroline Nevejan, Chief Science Officer, City of Amsterdam |
| Nam Pham, Former Assistant Secretary, Massachusetts Government |
| Francesco Lapenta, Representative of BGF in Rome |
| Bao Tran, Founder of PowerPatent, a generative AI legaltech company |

## January 27, 2023

| Infrastructure for a Data Economy – Fundamental of the Global Enlightenment Economy |
|---|
| Ramu Damodaran, Co-chair of the United Nations Centennial Initiative |

# 2022

## November 22, 2022

| Creating an Age of Global Enlightenment |
| --- |
| Ambassador Amandeep Gill, Under Secretary General and United Nations Envoy on Technology |
| Yasukazu Hamada, Japanese Minister of Defense |
| Shinsuke J. Sugiyama, former Japan Ambassador to the US |
| Dr. Joan Donovan, Shorenstein Center on Media, Politics, and Public Policy's Research Director, Harvard University |
| Lana Cook, PhD, Assistant Director, Strategic Initiatives, MIT Open Learning |
| Tomohiko Taniguchi, Professor, Senior Advisor to Prime Minister Shinzo Abe |
| Mats Karlsson, former Vice President of the World Bank, Representative of BGF in Sweden |

## October 25, 2022

| Manifesto "Tech for Peace in the Global Enlightenment Age" |
| --- |
| Zaneta Ozolina, Professor and Chairwoman of LATO and Riga Conference |
| Roland Schatz, CEO of Media Tenor and Founder and CEO UNGSII Foundation |
| Allain Cyntryn, Former CTO of Goldman Sachs |

## October 22, 2022

US-EU-Japan-India: Pillars for World Peace at the Riga Conference 2022

Sharad Sharma, Co-founder, iSPIRT Foundation

## September 21, 2022

Peace in the Age of Global Enlightenment: Technology for Peace

Seongbae Lim, Ph.D., Director, King Sejong Institute, Greehey School of Business St. Mary's University, San Antonio, USA

Mami Katsumi, Education Administrator, Nagaoka University of Technology, Japan

Dr Staci Martin, Assistant Professor of Practice, Portland State University School of Social Work

Tim Büthe, Professor and Chair for International Relations, Hochschule für Politik at the Technical University of Munich (TUM)

## August 16, 2022

"Remaking the World – Toward an Age of Global Enlightenment" in Vietnam

Ehud Barak, Former Prime Minister of Israel

## June 27, 2022

A New Foundation for the Global Digital Economy Symposium

Anders Agerskov – Senior Public Sector Specialist and Program Manager Fiscal Policy and Sustainable Growth Trust Fund, World Bank

Jeff Saviano – EY Global Tax Innovation Leader, MIT Connection Science Fellow

## June 27, 2022

| A New Foundation for the Global Digital Economy Symposium |
| --- |
| Shlomit Wagman – Harvard Kennedy School Research Fellow, Visiting Researcher at the Berkman Klein Center, Harvard Law School, former Head of Israel Money Laundering & Terrorism Financing Prohibition Authority |
| Publio de Gracia – Director of Revenue, Dirección General de Ingresos, Panama |
| Dr. Terra Saidimu – Commissioner of Intelligence & Strategic Operations, Kenya Revenue Authority |
| Chiara Bronchi – Practice Manager, Fiscal Policy and Sustainable Growth, Macroeconomics, Trade, and Investment Global Practice, World Bank |
| Chris Sanger – Global Government and Risk Tax Leader and EY EMEIA and UK&I (Tax Centre) Tax Policy Leader, EY |
| Sandra Ro – CEO, Global Blockchain Business Council |
| Valentina Ion – Global Public Finance Industry Leader, Microsoft |
| Danielle Allen – James Bryant Conant University Professor at Harvard University, and Director of Harvard's Edmond J. Safra Center for Ethics, Harvard University |

## April 29, 2022

| Laurel for Peace and Security in Ukraine Conference |
| --- |
| Oksana Markarova, Ambassador of Ukraine |
| Egils Levits, Latvian President |
| Volodymyr Zelenskyy, President of Ukraine |

## April 29, 2022

| Laurel for Peace and Security in Ukraine Conference |
| --- |
| Andreas Norlen, Riksdag Speaker |
| Kevin Ryan, Senior Fellow of Harvard Kennedy School Belfer Center, Brigadier General |
| Arseniy Yatsenyuk, Ukrainian former Prime Minister |
| Jason Furman, Chairman of the Council of Economic Advisers to President Obama, Harvard professor |
| Vaira Vike-Freiberga, Latvian former President |
| Jeffrey Saviano, EY Global Tax Innovator |
| Arnaud Mentré, Consuls-General in Boston (France) |
| Peter Abbott OBE, Consuls-General in Boston (UK) |
| Nicole Menzenbach, Consuls-General in Boston (Germany) |
| Stratos Efthymiou, Consuls-General in Boston (Greece) |
| Leonard Kopelman, Consuls-General in Boston (Finland) |
| Jonathan Sun, Consuls-General in Boston (Taiwan) |
| Marek Leśniewski-Laas, Consuls-General in Boston (Poland) |
| Elizabeth T Lesniewski-laas, Consuls-General in Boston (Romania) |

## April 1, 2022

| Japan and Taiwan with peace and security in the Age of Global Enlightenment |
|---|
| Nobukatsu Kanehara - Professor of Doshisha University, former Assistant Chief Cabinet Secretary to Prime Minister Shinzo Abe (2012~2019) |
| Jun Nagashima - Senior Research Advisor of Nakasone Peace Institute, former Lt-Gen |
| Jun Osawa - Senior Research fellow of Nakasone Peace Institute, Former Senior Fellow of National Security Council Secretariat, Former Deputy Counsellor, National Security Council Secretariat |
| Ming-Chun “Bruce“ Chen - Ph. D. Taiwan Consul General in Japan |

## March 10, 2022 - April 15, 2022

| Cyber Defense High Level Dialog: from the Russia-Ukraine battlefield to Cyberwarfare with Authoritarian Regimes |
|---|
| Paul Nemitz, Director for Fundamental Rights and Union citizenship in the Directorate-General for JUSTICE of the European Commission, co-author of the AIWS-G7 Summit Initiative 2019, Representative of Boston Global Forum in Berlin and Brussels |
| Professor Derek Reveron, US War Naval College |

## February 23, 2022

| Strategic Meeting on Ukraine-Russia Crisis |
| --- |
| Eka Tkeshelashvili, deputy Prime Minister of Georgia 2010-2012 |
| Iryna Vereshchuk, deputy Prime Minister of Ukraine and Minister for Reintegration of Temporary Occupied Territories |
| Volodymyr Havrylov, deputy Minister of Defense of Ukraine |
| Emine Dzhaparova, First Deputy Foreign Minister of Ukraine (TBC) |
| Rosen Plevneliev, President of Bulgaria 2012-2017 |
| Volkan Bozkir, 75th President of the United Nations General Assembly, Minister for European Union Affairs of Turkey 2015-2016 |
| Viktor Yushchenko, President of Ukraine 2005-2010 |
| Tzipi Livni, Minister of Foreign Affairs of Israel 2006-2009 |
| Valdis Zatlers, President of Latvia 2007-2011 |
| Susan Elliott, President National Committee on American Foreign Policy |
| Aleksandr Kwasniewski, President of Poland (TBC) |
| Kateryna Yushchenko, First Lady of Ukraine 2005-2010, President Ukraine 3000 Foundation |
| Andris Piebalgs, European Commissioner for Development 2010-2014, European Commissioner for Energy 2004-2010 (TBC) |
| Ana Palacio, Minister of Foreign Affairs of Spain 2002-2004 |

# 2021

## December 9, 2021

### Building Nha Trang-Khanh Hoa in becoming an innovation center

President Danilo Turk, President of Club de Madrid

Nguyen Hai Ninh, Chief of Party in Nha Trang-Khanh Hoa

## October 21, 2021

### Law and Governance in the Age of AI Conference in Vietnam discussed about Fundamentals of the International Law on AI

Mr. Đang Minh Tuan, Deputy Head of the Constitutional and Administrative Law Department, School of Law, VNU

Mrs. Nguyen Thi Bich Thao, Deputy Head of Civil Law Department, School of Law, VNU

Mr. Nguyen Van Quan, School of Law, VNU

## September 24, 2021

### United Nations Centennial Roundtable

Kolinda Grabar-Kitarovic - President of Croatia (2015-2020), member of Nizami Ganjavi International Center

## September 7, 2021

### Policy Lab: Fundamental Rights In Ai & Digital Societies: Towards An International Accord

Aminata Touré, Member of Club de Madrid, Prime Minister of Senegal (2013-2014)

Alex ‘Sandy’ Pentland, Director, MIT Connection Science and Human Dynamics labs, “Making the New Social Contract Work”

## September 7, 2021

| Policy Lab: Fundamental Rights In Ai & Digital Societies: Towards An International Accord |
| --- |
| Aminata Touré, Member of Club de Madrid, Prime Minister of Senegal (2013-2014) |
| Alex ‘Sandy’ Pentland, Director, MIT Connection Science and Human Dynamics labs, “Making the New Social Contract Work” |
| Carlos Santiso, Director of Digital Innovation in Government Directorate at Development Bank of Latin America – CAF |
| Cameron Kerry, Former Acting Secretary of the U.S. Department of Commerce |
| Danilo Türk, President of Club de Madrid President of Slovenia (2007-2012) |
| David Bray, Director of GeoTech Center and GeoTech Commission, Atlantic Council |
| David Silbersweig, Chairman, Department of Psychiatry and Co-Director for Institute for the Neurosciences, Brigham and Women's Hospital, Harvard Professor |
| Donara Barojan, Co-founder and CEO of Polltix |
| Doris Leuthard, Member of Club de Madrid, President of the Swiss Confederation (2010 and 2017) |
| Eva Kaili, Member of EU Parliament |
| Esko Aho, Member of Club de Madrid, Prime Minister of Finland (1991-1995) |
| Gabriela Ramos, Assistant Director-General for the Social and Human Sciences of UNESCO |

## September 7, 2021

| Policy Lab: Fundamental Rights In Ai & Digital Societies: Towards An International Accord |
| --- |
| Gregor Strojin, Chair of the Council of Europe's Committee on Artificial Intelligence (CAHAI) |
| Governor Michael Dukakis, Chairman of the Michael Dukakis Institute for Leadership and Innovation & Co-Founder of the Boston Global Forum |
| Hanna Suchocka, Member of Club de Madrid, Prime Minister of Poland (1992-1993) |
| Irene Braam, Executive Director, Bertelsmann Foundation North America |
| Iveta Radičová, Member of Club de Madrid, Prime Minister of Slovakia (2010-2012) |
| Jerry Jones, Advisor of CdM, Executive Vice-President, Ethics and Legal Officer. |

# 2020

## September 16 - 18, 2020

### Transatlantic Approaches on Digital Governance: A New Social Contract in the Age of Artificial Intelligence

Alexander Stubb, Prime Minister of Finland (2014-2015), Professor & Director, School of Transnational Governance, European University Institute, Florence

Andrew Wyckoff, Director for Science, Technology, and Innovation, OECD

Cristina Manzano, Board Member of WLA-CdM, Director of Esglobal

Danilo Türk, President of WLA-CdM, President of Slovenia (2007-2012)

David Silbersweig, Chairman, Department of Psychiatry and Co-Director for Institute for the Neurosciences, Brigham and Women's Hospital

Effy Vayena, Professor of Bioethics at the Swiss Institute of Technology (ETHZ) and WHO consultant

Esko Aho, Member of WLA-CdM, Prime Minister of Finland (1991-1995)

Governor Michael Dukakis, Chair of The Boston Global Forum

Helen Clark, Member of WLA-CdM, Prime Minister of New Zealand (1999-2008)

Jan Peter Balkenende, Member of WLA-CdM, Prime Minister of the Netherlands (2002-2010)

Jerry Jones, Advisor of WLA-CdM, Executive Vice-President, Ethics and Legal Officer

## September 16 - 18, 2020

### Transatlantic Approaches on Digital Governance: A New Social Contract in the Age of Artificial Intelligence

Lorraine Kisselburgh, Chair of New ACM Technology Policy Council

Manuel Muñiz, Secretary of State for Global Spain, Ministry of Foreign Affairs, European Union and Cooperation of Spain

María Elena Agüero, Secretary General of World Leadership Alliance-Club de Madrid (WLA-CdM)

Marc Rotenberg, Director of Center For AI and Digital Policy at Michael Dukakis Institute and the Boston Global Forum

Nazli Choucri, Boston Global Forum Board Member and Professor of Political Science at the Massachusetts Institute of Technology (MIT)

Nguyen Anh Tuan, CEO of the Boston Global Forum (BGF), Director of the Michael Dukakis Institute for Leadership and Innovation

Nguyen Van Tuong, Chairman of Tram Huong Khanh Hoa (video)

Paul Nemitz, Principal Advisor in the Directorate General for Justice and Consumers at the European Commission, author of “The human imperative: Power, Freedom and Democracy in the Age of Artificial Intelligence”

Peggy Valcke, Vice-Chair of the Council of Europe's Committee on Artificial Intelligence (CAHAI)

Rebecca Leeper, Software Engineer and Director of CGDF, AI Monitoring Project at AIWS.net

Regine Grienberger, Director for Cyber Security Policy and Cyber Foreign Policy, Federal Foreign Service Office, Germany

## September 16 - 18, 2020

### Transatlantic Approaches on Digital Governance: A New Social Contract in the Age of Artificial Intelligence

Ramu Damodaran, Editor-in-Chief of the UN Chronicle and Chief of the United Nations Academic Impact

Ted Piccone, Advisor of WLA-CdM, Chief Engagement Officer at the World Justice Project

Thomas Patterson, Research Director of The Michael Dukakis Institute for Leadership and Innovation, Professor of Government and the Press of Harvard Kennedy School

Valdis Birkavs, Member of WLA-CdM, Prime Minister of Latvia (1993-1994)

Vaira Vike-Freiberga, Member of WLA-CdM, President of Latvia (1999-2007)

Vint Cerf, Father of the Internet, Chief Internet Evangelist, Google

Yu Ping Chan, Senior Programme Officer, Office of the Under-Secretary General and Special Advisor on Preparations for the 75th UN Anniversary & the High Level Panel on Digital Cooperation

Žaneta Ozoliņa, Professor of International Relations, University of Latvia and Vice-chair of the Latvian Transatlantic Organization

Zlatko Lagumdžija, Member of WLA-CdM, Prime Minister of Bosnia and Herzegovina (2001-2002)

Alexander Stubb, Prime Minister of Finland (2014-2015), Professor & Director, School of Transnational Governance, European University Institute, Florence

Andrew Wyckoff, Director for Science, Technology, and Innovation, OECD

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Governor Michael Dukakis, Chair of The Boston Global Forum

Helen Clark, Member of WLA-CdM, Prime Minister of New Zealand (1999-2008)

Jan Peter Balkenende, Member of WLA-CdM, Prime Minister of the Netherlands (2002-2010)

Jerry Jones, Advisor of WLA-CdM, Executive Vice-President, Ethics and Legal Officer, Live Ramp

Kim Campbell, Member of WLA-CdM, Prime Minister of Canada (1993)

Lorraine Kisselburgh, Chair of New ACM Technology Policy Council

Manuel Muñiz, Secretary of State for Global Spain, Ministry of Foreign Affairs, European Union and Cooperation of Spain

## September 16 - 18, 2020

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Nazli Choucri, Boston Global Forum Board Member and Professor of Political Science at the Massachusetts Institute of Technology (MIT)

Nguyen Anh Tuan, CEO of the Boston Global Forum (BGF), Director of the Michael Dukakis Institute for Leadership and Innovation

Nguyen Van Tuong, Chairman of Tram Huong Khanh Hoa

Paul Nemitz, Principal Advisor in the Directorate General for Justice and Consumers at the European Commission, author of “The human imperative: Power, Freedom and Democracy in the Age of Artificial Intelligence”

Peggy Valcke, Vice-Chair of the Council of Europe's Committee on Artificial Intelligence (CAHAI)

Rebecca Leeper, Software Engineer and Director of CGDF, AI Monitoring Project at AIWS.net

Regine Grienberger, Director for Cyber Security Policy and Cyber Foreign Policy, Federal Foreign Service Office, Germany

Ramu Damodaran, Editor-in-Chief of the UN Chronicle and Chief of the United Nations Academic Impact

Ted Piccone, Advisor of WLA-CdM, Chief Engagement Officer at the World Justice Project

## September 16 - 18, 2020

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Thomas Patterson, Research Director of The Michael Dukakis Institute for Leadership and Innovation, Professor of Government and the Press of Harvard Kennedy School

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Vaira Vike-Freiberga, Member of WLA-CdM, President of Latvia (1999-2007)

Vint Cerf, Father of the Internet, Chief Internet Evangelist, Google

## November 12, 2020

**Special Side Event "Quad Roundtable" at the Riga Conference 2020: "The Quad Group, AIWS Social Contract and solutions for world peace and security"**

Senator Kimberley Kitching, Chair of Foreign Affair, Defence and Trade Reference Committee (Australia)

Ambassador P.S Raghavan, Chairman of the National Security Advisory Board (India)

## July 1, 2020

**Democratic Alliance on Digital Governance Conference – Protecting and Strengthening Democracy in the Aftermath of COVID-19**

Sir Iain Duncan Smith, UK MP, Co-chair of the Inter-Parliamentary Alliance on China (IPAC)

Miriam Lexmann, Member of European Parliament, Co-chair of IPAC

Joseph Nye, Professor of Harvard Kennedy School

Dick Vietor, Professor of Harvard Business School

# 2019

## December 12, 2019

### The BGF Global Cybersecurity Day Symposium for 2019

Ms. Rebecca Leeper, Computer Ethics and Data Policy Advocator

## June 26, 2019

### United Nations Charter Day Lecture

Dr. David A. Bray - Executive Director for the People-Centered Internet coalition

## March 26, 2019

### AI World Society Distinguished Lecture - theme: AI World Society Standards

Dr.Kazuo Yano, Ph.D., Fellow, Corporate Officer, Hitachi, Ltd., Member of AI World Society Standards and Practice Committee

## April 25, 2019 - August 5, 2019

### AI World Society Summit 2019

Neil Gershenfeld, MIT Professor

David Parkes, Harvard Professor

Constantinos (“Costis”) Daskalakis, MIT Professor

Max Tegmark, MIT Professor

Philip Howard, Oxford Professor

Thomas Creely, Naval War College Professor

Marc Rotenberg, President of EPIC

Liam Byrne, MP, UK

# 2018

## December 12, 2018

### GLOBAL CYBERSECURITY DAY 2018

Cameron Hickey, Information Disorder Lab, Shorenstein Center for Media, Politics and Public Policy, Kennedy School of Government, Harvard University

Professor Pradeep K. Atrey, Co-Director, Albany Lab for Privacy and Security, University at Albany, Professor of State University of New York

## September 20th, 2018

### THE AIWS CONFERENCE - AI-Government and AI Arms Races and Norms

Prof. Matthias Scheutz, Member of MDI's AIWS Standards and Practice Committee, Director of the Human-Robot Interaction Laboratory at Tufts University

Mr. Walter Langelaar, Michael Dukakis Leadership Fellow 2018-2019, Co-founder of SAM–the AI Politician

Ms. Sarah Cotterill, Michael Dukakis Leadership Fellow, Secretary of MDI's AIWS Standards and Practice Committee, Harvard Fellow

Ms. Beatriz Merino, Member of MDI's AIWS Standards and Practice Committee, former Prime Minister of Peru, Harvard Fellow

Mr. Eliot Weinman, Member of MDI's AIWS Standards and Practice Committee, Founder/Conference Chair, AI World, Executive Editor, AI Trends

# 2017

## September 3, 2017

Global Citizenship Education Network Reconciliation Conference in Tokyo, Japan

Masatoshi Muto - Former Japanese Ambassador to Korea

Dr. Stephan Grabherr - Minister and Deputy Head of Mission Embassy of the Federal Republic of Germany Tokyo, Japan

Yasuyo Sakata - Professor of international relations at the Kanda University of International Studies (KUIS)

Hiroshi Maeda - Emeritus Professor from Kumamoto University

# 2016

## December 2016

| GLOBAL CYBERSECURITY DAY 2016 |
| --- |
| Ban Ki-Moon - The eighth Secretary-General of the United Nations |
| Christopher Painter - Coordinator for Cyber Issues |
| Caroline Kennedy - the United States Ambassador to Japan (2013 - 2017) |
| Kim Taipale - Founder and executive director of the Stilwell Center, Private research and advisory organization focused on information, technology and national security policy, Managing partner of Stilwell Holding LLC, Director of the Stilwell Charitable Fund |
| Sean Kannuck - the first National Intelligence Officer (NIO) for Cyber Issues in May 2011 |
| Seny Kamara - Associate Professor of Computer Science at Brown University |
| John Mallery - Research scientist at the MIT Computer Science & Artificial Intelligence Laboratory |
| Deborah Hurley - Fellow of the Institute for Quantitative Social Science at Harvard University and Directed the Harvard University Information Infrastructure Project |
| Virgilio Almeida - Visiting Professor at the School of Engineering and Applied Sciences at Harvard University and a Faculty Associate at the Berkman Klein Center for Internet and Society at Harvard University |
| Andrew Lewman - Chief Executive of the TOR Project |
| Markus Prior - Associate Professor of Politics and Public Affairs in the Woodrow Wilson School and the Department of Politics at Princeton University |

## December 2016

### GLOBAL CYBERSECURITY DAY 2016

Allan Cytryn - Risk Masters International, LLC, a consulting firm that advises clients on Risk Mitigation and Management, including business continuity planning, disaster recovery, and recovery from cyber attacks

Ryan Maness - American cybersecurity expert, Assistant professor at the Defense Analysis Department of Naval Postgraduate School

Professor John Savage - An Wang Professor of Computer Science at Brown University

# 2015

## October 16, 2015

### Boston Global Forum's Initiative: Pacific Security Alliance to Maintain Peace in South China Sea

David Bray, Director of GeoTech Center and GeoTech Commission, Atlantic Council

Bonnie S. Glaser, Senior Advisor for Asia and Director of China Power Project at Center for Strategic & International Studies (CSIS)

Bill Hayton, TV journalist of BBC World News TV and author of "The South China Sea: The Struggle for Power in Asia" (Yale University Press, 2014)

Professor Sean P. Henseler, Director of Operations of Operational Level Programs at U.S. Naval War College, Newport, Rhode Island

Richard Javad Heydarian, Assistant Professor in political science in De La Salle University (Philippines) and author of "Asia's New Battlefield: US, China, and the Struggle for Western Pacific"

Suzanne Ogden, Professor emeritus in Department of Political Science at Northeastern University

Brent Colburn, former Assistant to the U.S Secretary of Defense for Public Affairs

Llewellyn King, Co-Host and Executive Producer of PBS's "White House Chronicle"

Lei Guo, Assistant Professor in Division of Emerging Media Studies at BU's College of Communication

## September 15, 2015

### Transatlantic Approaches on Digital Governance: A New Social Contract in the Age of Artificial Intelligence

`Kitty Dukakis, former First Lady of Massachusetts

Professor Robert Desimone, Member of Board of Thinkers, Boston Global Forum; Director, McGovern Institute; Doris and Don Berkey Professor of Neuroscience, Department of Brain and Cognitive Sciences, MIT

Dr. Carlos Alberto Torres, Member of Board of Thinkers, Boston Global Forum; Distinguished Professor of Education, Graduate School of Education and Information Studies, University of California-Los Angeles (UCLA); UNESCO Chair in Global Learning and Global Citizenship Education; Director of the Paulo Freire Institute; President World Council of Comparative Education Societies (WCCES)

Jenny Q. Ta, Member of Young Leaders Network for Peace and Security, Boston Global Forum; Founder and CEO, Sqeeqee

Ambassador J.D. Bindenagel, Henry Kissinger Professor for International Security and Governance at the University of Bonn, Germany; Former U.S. Ambassador

Professor Fumio Ota, Former Professor, Defense Academy of Japan (2005 – 2013)

Professor Suzanne Odgen, Member of Editorial Board, Boston Global Forum, Professor and Interim Chair of Department of Political Science, Northeastern University

Ryan C. Maness, Ph.D., Visiting Fellow of Security and Resilience Studies, Department of Political Science, Northeastern University

## September 15, 2015

### Transatlantic Approaches on Digital Governance: A New Social Contract in the Age of Artificial Intelligence

Lisa Stewart, Senior Vice President, Governance Director of Technology & Operations, Santander Holdings USA

Robin Sproul, Vice President of Public Affairs, ABC News

Theodore J. Gordon, Co-founder and Board Director, Millennium Project

Nguyen Thi Chau Giang, Michael Dukakis Leadership Fellow; Member of Young Leaders Network for Peace and Security, Boston Global Forum; Composer, Pianist, and Painter, Cultural activist

Bill Ottman, Michael Dukakis Leadership Fellow; Member of Young Leaders Network for Peace and Security, Boston Global Forum; Founder and CEO of Minds.com

Roya Mahboob, Michael Dukakis Leadership Fellow; Member of Young Leaders Network for Peace and Security, Boston Global Forum; TIME magazine's 100 Most Influential People In The World for 201; CEO, the Afghan Citadel Software Company

Shubhranshu Choudhary, Michael Dukakis Leadership Fellow; Member of Young Leaders Network for Peace and Security, Boston Global Forum; Foreign Policy's Top 100 Global Leading Thinkers of 2014; Founder of CGNet Swara

Jeremy Samide, Michael Dukakis Leadership Fellow; Member of Young Leaders Network for Peace and Security, Boston Global Forum;Lead Consultant to Stealthcare Labs

Maximilian Mayer, Member of Young Leaders Network for Peace and Security, Boston Global Forum; Research Professor, Tongji University (Shanghai)

## September 15, 2015

| Transatlantic Approaches on Digital Governance:<br>A New Social Contract in the Age of Artificial Intelligence |
|---|
| Matt Orlando, Account Executive, The Christian Science Monitor |
| Dr. Elliot Salloway, Chief Operation Officer, Boston Global Forum |
| Richard Pirozollo, Member, Boston Global Forum Editorial Board; Founder and Managing Director, Pirozzolo Company Public Relation |
| Nobue Mita, Representative, Boston Global Forum Japan |
| Linda Gasparello, Co-Host, General Manager of "White House Chronicle", PBS |
| Nguyen Song Nam, Member of Young Leaders Network for Peace and Security, Boston Global Forum |
| Anh C. Duong, Member of Young Leaders Network for Peace and Security, Boston Global Forum; Director of Oversight & Control, Tech & Ops, Santander Holdings, US |
| Phan Huy Dung, Member of Young Leaders Network for Peace and Security, Boston Global Forum |
| Le Mau Tuan, Member of Young Leaders Network for Peace and Security, Boston Global Forum; PhD candidate, MIT |
| Rona Kiley, Trustee Emeritus, & Founder, Teach First |

## June 10, 2015

| Distinguished Lecture of Dr. Nguyen Chien Thang, Governor of Khanh Hoa, Vietnam |
|---|
| Nguyen Chien Thang, Governor of Khanh Hoa, Vietnam |

## April 20, 2015

| Manage Peace and Security in South China Sea |
|---|
| Professor Ezra Vogel, Member of Board of Thinkers, Boston Global Forum; Henry Ford II Professor of the Social Sciences Emeritus, Harvard University |
| Professor Suzanne P. Ogden, Member of Editorial Board, Boston Global Forum, Professor of Northeastern University's Department of Political Science |
| Professor Richard Cooper, Maurits C. Boas Professor of International Economics, Harvard University |
| Professor Richard Rosecrance, Adjunct Professor, Harvard Kennedy School; Research Professor of Political Science, University of California, Los Angeles |
| Tsutomu Himeno, Consul General of Japan in Boston |
| Michael H. Fuchs, Deputy Assistant Secretary for Strategy and Multilateral Affairs, Bureau of East Asian and Pacific Affairs, U.S. Department of State |
| Thomas J. Vallely, Member of Board of Thinkers, Boston Global Forum; Senior advisor, Mainland Southeast Asia; Ash Center for Democratic Governance and Innovation, Harvard Kennedy School |
| Shunji Yanai, Judge and Former President, The International Tribunal for the Law of the Sea (ITLOS); Ambassador Japan to the United States of America (1999–2001) |

## April 20, 2015

| Manage Peace and Security in South China Sea |
| --- |
| Professor Zheng Wang, Director and Associate Professor, Center for Peace and Conflict Studies, School of Diplomacy and International Relations, Seton Hall University |
| Truong Minh Vu, Member, Young Leaders Network for Peace and Security; Director of Center for International Studies, University of Social Sciences and Humanities, Ho Chi Minh City (SCIS) |
| Iryna Vushko, Member, Young Leaders Network for Peace and Security; Assistant Professor of History, Hunter College, City University of New York |
| Trang Pham, Nippon Fellow (2014-2015 ), International Tribunal for the Law of the Sea (ITLOS) |
| Admiral Nirmal Verma, U.S. Chief of Naval Operations Distinguished International Fellow, U.S. Naval War College – Newport RI; India's High Commissioner to Canada (2012-2014); Former Chief of Naval Staff of Indian Navy |
| Grant F Rhode, PhD, Research Associate, Center for the Study of Asia, Boston University; Research Associate, Fairbank Center for Chinese Studies, Harvard University |

# 2014

## December 12, 2014

### Announcement of Framework for Peace

Charles M. Sennott – Co-Founder, Global Post; Founder and Executive Director, The Ground Truth Project

Maribel Lieberman – Founder and Chief Executive Officer, MarieBelle New York Chocolates

## November 10, 2014

### Framework for Peace and Security in the Pacific Conference

Robert D. Kaplan – Chief Geopolitical Analyst, Stratfor; Non-resident senior fellow, Center for New American Security (CNAS)

Professor Etel Solingen – Thomas T. and Elizabeth C. Tierney Chair in Peace and Conflict Studies; Chancellor's Professor, University of California Irvine; Lim Chong Yah Chair in Social Sciences, National University of Singapore; Editorial Board Member, Quarterly Journal: International Security, Belfer Center for Science and International Affairs, Harvard University

## October 3, 2014

### Global Media and CyberTerrorism

Dr. Anders Corr – Principal, Corr Analytics Inc.

Joshua W. Haines – Leader, Cyber Systems and Operations Group, MIT Lincoln Laboratory

Robert K. Gardner – Founding member, New World Technology Partners

Ryan Ellis – Postdoctoral Fellow, Belfer Center for Science and International Affairs, Harvard Kennedy School

## October 3, 2014

| Global Media and CyberTerrorism |
| --- |
| Barry Nolan – Member, Boston Global Forum Editorial Board; Professor, Department of Journalism, Boston University |
| Phillip I. Kent – Former CEO, Turner Broadcasting Systems |
| Julie Leven – Founder, Executive and Artistic Director, Shelter Music Boston |
| Jonas Brunschwig – Administrative Assistant, MIT Office of Foundation Relations |
| Marie Danziger – Lecturer in Public Policy, Harvard Kennedy School |
| Guy Ronen – Vice President, Boston Market Manager – People's United Bank |

## September 17, 2014

| Conference on Building a Framework for Peace and Security in the Pacific |
| --- |
| Dr. Patrick M. Cronin – Senior Advisor and Senior Director, Asia-Pacific Security Program, Center for a New American Security (CNAS) |
| Ambassador Swanee Hunt – Former Ambassador to Austria; Eleanor Roosevelt Lecturer in Public Policy, Adjunct Faculty, Harvard Kennedy School |
| Ambassador Stephen W. Bosworth – Former U.S. ambassador to South Korea; Senior fellow, Belfer Center for Science and International Affairs, Harvard Kennedy School; Dean Emeritus, Fletcher School of Law and Diplomacy, Tufts University |

## September 17, 2014

### Conference on Building a Framework for Peace and Security in the Pacific

Professor Jin Canrong – Professor for International Relations; Associate Dean, School of International Studies, Renmin University of China

Mr. Hoang Anh Tuan – Head of the Institute for Foreign Policies and Strategic Studies, Diplomatic Academy of Vietnam

Holly Morrow – Fellow, The Geopolitics of Energy Project, Belfer Center for Science and International Affairs, Harvard Kennedy School

Zengke He – Director, China Center for Comparative Politics & Economics in Beijing; Rajawali Fellow, Ash Center, Harvard Kennedy School

Ling Chen – Rajawali Fellow, Ash Center for Democratic Governance and Innovation; Harvard Kennedy School

## September 16, 2014

### How to Improve Japan - China Relations

Ambassador Seiichi Kondo – Director, Kondo Institute for Culture & Diplomacy; Ambassador, Special Envoy for U.N. Affairs; Project Professor, UTokyo Policy Alternative Research Institute, University of Tokyo; Former Commissioner of the Agency for Cultural Affairs

Masahiko Sasajima – Senior Research Fellow, Yomiuri Research Institute, The Yomiuri Newspaper

## August 4, 2014

| Building a Framework for Peace and Security in the Pacific |
|---|
| H.D.S. Greenway – Columnist, Boston Globe and the International Herald Tribune |
| Ms. Bui Thi Viet Lam – Member of Editorial Board, VietNamNet |
| Mr Bui Duc Lai – Special Advisor of Chairman, Vietnam National Assembly |
| Truong Dinh Tuyen – Special Advisor of Vietnam Prime Minister |
| Truong Trong Nghia – Senator, Vietnam Congress |

## April 24, 2014

| The Conflict Between Japan-China: How to Solve it and the Role of the U.S. |
|---|
| Kevin Rudd - Former Australian Prime Minister |
| Sir Martin Sorrell, Chief Executive, WPP |
| Sir David Warren - British Ambassador to Japan from 2008 to 2012 |
| Kosaku Dairokuno - Dean of the School of Political Science and Economics |
| Jill Dougherty - Foreign affairs correspondent based in Washington, D.C |
| Andrew Cainey - Senior Fellow of the Fung Global Institute |
| Shigeto Sonoda - Professor of sociology and Asian studies at the University of Tokyo |
| Dr. Hei Seki - Visiting professor at Takushoku University |

## April 24, 2014

| The Conflict Between Japan – China: How to Solve it and the Role of the U.S. |
| --- |
| Richard N. Rosecrance - Adjunct Professor at Harvard's John F. Kennedy School of Government, a Research Professor of Political Science at the University of California, Los Angeles |
| David A. Andelman - Editor of World Policy Journal |
| Douglas Coulter - Visiting Professor at Guanghua School of Management at Peking University |
| Kien Pham - President of the Vietnam Foundation, a U.S. non-profit organization established to support educational improvement in Vietnam |
| Zhang Youhai - Deputy Chief of the Comprehensive Division at the Beijing Municipal Commission of Commerce |

# Reference


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3. Dukakis, M., & Simon, P. (1999). How to Get into Politics and Why. Steck-Vaughn Co.
4. Gov. Bill Clinton (D-Ark.) nominates Gov. Michael Dukakis (D-Mass.) for president in 35-minute speech. (1988, June 20). [Video]. YouTube. Retrieved October 27, 2023, from https://www.youtube.com/watch?v=1Ll0jNxTMiE
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6. Lampe, & David, R. (Eds.). (1988). The Massachusetts Miracle: High technology and economic revitalization. Cambridge, Mass: MIT Press. https://archive.org/details/massachusettsmir0000unse/page/n7/mode/2up
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# FROM
# THE MASSACHUSETTS MIRACLE
# TO THE AGE OF
# GLOBAL ENLIGHTENMENT

BOSTON GLOBAL FORUM

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Remaking the World - Toward an Age of Global Enlightenment