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Milken Institute Advanced Technologies Initiative

Advanced technological innovation and a multipolar international system undergoing enormous structural change are two defining features of the world today. Taken together, these transformative forces are poised to determine the socioeconomic challenges and opportunities of the world for decades to come. Navigating these forces of change requires addressing a number of tensions centered around innovation, competition, and security, at the national and international levels, to fully unlock the promise(s) of technological advancement and the investment pathways that are needed to do so. These tensions include balancing the scale of private-sector actors with the need to maintain robust and competitive innovation ecosystems, international competition to shape the aforementioned balance, addressing national security concerns, and ensuring the benefits of technological advancement are widely accessible.

Solving these tensions may be challenging, but given their increasing convergence, it is both imperative and achievable to right-size policy priorities and public-private coordination in order to ensure that innovation, competition, and security are balanced with the need for sustained investment. The **Milken Institute's Advanced Technologies Initiative** leverages the Institute's expertise, global reach, and networks of investors, public-sector leaders, and community partners to advance strategies for addressing these challenges amid an evolving technological landscape.

The Initiative is focused on solutions related to:

- **Advanced Technology Policy and Governance:** Against a backdrop of rapid advancement, the norms and rules for governing advanced technologies like semiconductors, quantum technology, and artificial intelligence, to ensure both sustained investment and guard against nefarious actors, remain in a state of flux. Leading policymakers and the private sector must continue to work together toward shared principles, global harmonization, and steering investment toward positive innovation.

- **The Economic Impact of Artificial Intelligence:** In spite of recent advances in artificial intelligence (AI), the development of practical AI applications with the ability to deliver significant economic gains is still in its infancy. A better understanding is needed of the ability of AI to deliver tangible benefits within specific industries, including asset management, biomedical innovation, and sustainability markets.
- **Developing Inclusive Innovation Ecosystems:** Historically, existing innovation ecosystems have been geographically concentrated in relatively few areas. To create a more inclusive innovation ecosystem, a bottom-up approach is needed focusing on policies that drive regional innovation and investment. This includes a greater focus on public-private partnerships to accelerate technological innovation and technology transfer.
- **Enhancing Supply Chain Resilience:** Amid the growing trend toward regionalization around the world, the need to strengthen regional supply chains against financial and strategic uncertainty remains substantial. The establishment of new standards for international cooperation and regional economic integration within key sectors is needed to increase strategic competitiveness and greater shared prosperity.

Cadence of Activities for 2025

The Milken Institute seeks support and partnership to advance year-round engagement, research, and policy innovation for our Technology Initiative for the following activities:

- *Washington DC Policy Dialogue (February 2025):* We will hold an invitation-only dinner to review tech and AI policy developments in the wake of the US election and a readout of insights and developments from tech action sessions at our Middle East and Africa Summit in December 2024.
- *Munich Security Conference (February 2025):* This conference is a leading European platform for our regional meeting of Leaders in Tech. Our official session in Munich will convene world leaders in tech, policy, and investment on themes around regulation and regional development, while our dinner side event will allow us to bring our community together for informal connections and discussion.
- *Future of FinTech Symposium (March 2025):* The Future of FinTech Symposium convenes thought leaders, policymakers, business leaders, academia, and key stakeholders to discuss policy and regulatory approaches for the responsible development of innovative technologies such as digital assets, blockchain, and AI in finance. Leaders from the White House Office of Science and Technology Policy, the House of Representatives Financial Services Committee, Senate Banking Committee, Commodity Futures Trading Commission, and Securities and Exchange Commission have joined and contributed.

- *Release of strategic business polling in advance of Global Conference (April 2025):* Leaders in Tech supporters can help us shape the development and rollout of a major public poll examining public opinion among US and international business leaders and the public. Last year, [we released a poll](#) to guide our work on local economic development.
- *Global Conference Leaders in Technology Roundtable (May 2025):* Following on the success of the initial roundtable at Global Conference 2024, key US and international government leaders, tech CEOs, and policy leaders will convene at Global Conference 2025 to discuss pressing issues in AI and emerging technology in an off-the-record conversation.
- *Action Compact and Principles Development, including [UN Digital Compact](#) engagement (TBD):* Coming out of the Leaders in Tech Roundtable in May 2025, we would explore developing an action compact or other mechanisms to drive achievable outcomes and the scale up of key strategic interventions.
- *Working groups and research publications (TBD):* We will convene internal and external experts around topics within AI and technology policy to release recommendations for the road ahead.
- *Middle East and Africa Summit (December 2025):* The Middle East and Africa regions are a dynamic blend of tech innovation, geopolitical challenges, and economic opportunities. Our 2025 programming will include conversations on the power of AI as a force multiplier for economic activity and productivity. We will hold public and private sessions to convene leaders in technology from backgrounds in government, academia, industry, and investment.

About the Milken Institute

The Milken Institute is a nonprofit, nonpartisan think tank focused on accelerating measurable progress on the path to a meaningful life. With a focus on financial, physical, mental, and environmental health, we bring together the best ideas and innovative resourcing to develop blueprints for tackling some of our most critical global issues through the lens of what's pressing now and what's coming next.

For more information, please visit <https://milkeninstitute.org/finance/geo-economics-climate-resilience-and-ai>.