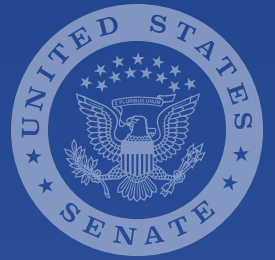


# AI FOR AMERICA



A ROADMAP FOR LASTING LEADERSHIP  
THAT BENEFITS ALL AMERICANS



ARIZONA SENATOR  
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# EXECUTIVE SUMMARY

We're living through one of the most significant technological disruptions in history. Artificial intelligence is reshaping how we work, how our economy functions, and even how we interact with each other. It's impacting everything from water and energy systems to medical research and national security. And it's doing all this at incredible speed.

America has led every major wave of modern technology—from electrification to the microchip to the internet—and AI is no exception. The United States has built an early and commanding lead in AI thanks to our culture of innovation, world-class infrastructure, and unmatched ability to train and attract top talent. But we can't take this lead for granted, especially as global competition intensifies and other nations move quickly to capture the opportunities of the AI era. Staying ahead requires more than developing the best algorithms or fastest chips, it means strengthening the foundation of our success.

In the past, technology surged ahead while workers were left behind. We can't let that happen again. AI can and must serve the American people. **As a nation, we must seize this moment to build an AI boom for all, not another tech bubble for the few.**

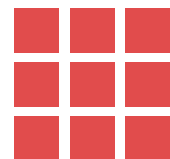
We must build a strong and sustainable AI industry that safeguards American workers and consumers, drives innovation, and powers the infrastructure of tomorrow. At the heart of these proposals is a simple principle: **AI companies must be forces for strengthening, not straining, our workforce, energy infrastructure, and public resources.** As AI companies profit from their groundbreaking products, they have a duty to partner with the public sector to invest those gains in empowering workers and sustaining access to affordable energy, clean water, and the other resources fundamental to prosperity for all Americans. Absent that, they threaten the foundations of their own success and risk undermining public support for their continued growth.

Calling on AI companies to be good partners is just common sense. But while AI policy roadmaps are everywhere these days, few address the real question: How will the big ideas be funded and sustained over the long term? I propose a bold new solution—**a fund, fueled by contributions from leading AI companies, designed to reinforce the very national strengths they need to continue thriving here in America.**

We must work hand-in-hand with our greatest innovators to build the future we want. This roadmap marks the start of a necessary collaboration across public and private sectors, labor and technology, rural towns and big cities—the full fabric of who we are as a nation. These ideas are not the end of the conversation, and they don't cover every aspect of AI and our society. But I hope they can add fuel toward efforts to address these challenges head on.

There is no country better at solving hard problems than the United States. We're the country that put people on the Moon first, all the way back in 1960, with computers less powerful than your cell phone. But we have to be willing to ask the big questions, try new things, and come together around solutions.

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*The AI revolution is here, and the stakes have never been higher. We must ensure this technology drives opportunity for all Americans by putting people, not machines, at the heart of innovation.*



# THE AI HORIZON FUND: POWERED BY INDUSTRY, BUILT FOR PROSPERITY

**A fund for lasting innovation and shared prosperity.**

*AI holds the promise of revolutionizing the way we work, solve problems, and create value. It has the power to positively change our economy and the very nature of work.*

Throughout our country's history we have seen evidence that a strong middle class leads to innovation. America's AI leadership depends on maintaining a dynamic environment for innovation, a world-class educational system, and bold infrastructure investments. It's these foundations that will continue to fuel lasting American AI leadership.

AI drives scientific discovery and economic growth, but it will also disrupt work and strain infrastructure. Many think tanks, academics, government agencies, and policymakers have proposed policy solutions to these challenges, but the question remains: who is responsible for making these solutions happen, and who pays for it?



**My solution is simple: The companies driving this technology must help preserve and strengthen the foundation that spurred American AI leadership in the first place.**



One path is establishing an AI Horizon Fund. It's common sense to tap the enormous profits of the big companies developing and deploying AI so innovation thrives, opportunity is shared, and every community benefits. The fund would leverage multiple options for generating sustainable revenues from industry. With guidance from educators, workers, unions, experts, and industry, those funds would then be reinvested into programs that train workers for high-demand careers, including those deploying the AI innovations of tomorrow and the infrastructure that supports them. We have strong models for worker training and can boost union apprenticeships, community college degree and certificate programs, public-private partnerships, and other pathways that built the American middle class.

Similarly, frontier AI companies that place heavy demands on public infrastructure or environmental resources need to not only offset these impacts but strengthen the systems and infrastructure on which they depend. For example, the demand that more data centers will place on our aging grid can't fall on the utility bills of families and small businesses. But this is our chance to invest in a modern system that both powers the AI industry and delivers clean, affordable, and reliable energy to every community and the other key industries that power our economic growth.

**With support from the AI industry, the AI Horizon Fund would provide the resources needed to reinvest in workers, infrastructure, and responsible deployment. This approach ensures that AI growth benefits Americans while sustaining innovation and success, creating a positive cycle that reinforces the foundations of a fair and resilient AI ecosystem.**





## THE AI HORIZON FUND

We can establish a dedicated federal fund that is financed by AI industry-generated revenues. The fund will advance initiatives for a sustainable AI innovation ecosystem:

- ✦ Initiatives that prepare American workers for success in an AI-enabled economy, leveraging proven models such as union-led apprenticeships; and
- ✦ Infrastructure investments that strengthen U.S. energy resilience and leadership while guaranteeing equitable, affordable access to clean power and water for all communities.

The Fund would provide Americans a voice through which advancements in AI meet the needs of working people. It would serve as a hub for coordinating state and federal agencies towards the same purposes, in partnership with industry to provide technical assistance and community development, and including workers as part of the solutions to which funds will be dedicated. The fund's governance structure should include clear accountability measures to keep it focused on long-term national interest and insulated from short-term political or business pressures.

By aligning private innovation with public good, the Fund offers a blueprint for how the federal government can create a cycle of innovation, good-paying American jobs, and infrastructure development.

# RECOMMENDATIONS

## 1 Establish the AI Horizon Fund

A federal trust fund will strengthen the foundations upon which American AI leadership has been built, with investments through mandatory spending not subject to the annual appropriations process. **By leveraging some of the enormous profits that leading AI companies generate as they reshape our economy, we can support our workforce, improve our infrastructure, and develop the incentives needed to put us on a path toward long-term AI-dominance.** This cycle will establish a public-private innovation environment to ensure that our nation produces a responsible and sustained AI boom, rather than a short-lived AI bubble.

## 2 Explore A Number Of Innovative Methods For Frontier AI Companies To Pay Into The Fund

We should consider a variety of mechanisms for ensuring that AI companies act in Americans' interest. First, the companies that benefit most from AI should fund the public systems to make this revolution sustainable and equitable. There have been a number of proposals to generate revenue from these companies, including basing it on: Large-scale use of public resources, like power, water, and land; Profits from digital ad tools powered by AI; or AI-based revenue windfalls.

**This list is a starting point for conversation.** It is not comprehensive nor exclusive. We must work together to explore the right approach with a clear focus on the biggest frontier companies that stand to benefit the most. We should also look at repurposing funds allocated to federal programs no longer relevant or useful in the modern economy as part of the initial investment. And explore how the benefits of AI development from workers' labor is considered in the resourcing of the fund.



## 2

# SECURING WORKERS' FUTURE IN THE AI ECONOMY

## Preparing and protecting workers in the age of AI.

As we look across the job market, experts view the coming AI revolution differently. Some see a threat to jobs long viewed as secure, while others see an opportunity to create new jobs with greater productivity. We could see 12 million job transitions by 2030 as labor demand grows in certain fields and retracts in others.<sup>1</sup> While past technological changes have altered the labor market gradually, the speed of AI development over the last five years has workers rightfully concerned that this change could be felt more suddenly.<sup>2</sup>

One thing is certain – the adoption of generative AI is already reshaping work. Mid-career employees may see roles redefined, while recent graduates could find it harder to secure entry-level positions as AI changes expectations for skills and productivity.<sup>3</sup> **If we fail to plan now, many Americans may face unstable employment and widening income inequality, and the AI industry risks a shortage of skilled workers and a limited pipeline of future talent.**

**We should start by taking a closer look at our K-12 and post-secondary education to get students the exposure and lessons needed to use AI as a tool, not a crutch.** Right now, young Americans doubt that schools and colleges are preparing them for an AI-driven economy.<sup>4</sup> Employers too often demand new skills, but they don't help workers build them. Educators see firsthand that technology is reshaping how the next generation will use AI tools, and they must help guide students to use them effectively and responsibly. New workers entering the job market, whether from high school, community college, the trades, or a university, must be prepared to begin meaningful careers as the labor market shifts with the adoption of AI tools.





To make sure our next generation can get ahead, we also have to better integrate employment data with education systems to understand who today's job seekers are, what they are looking for, and where the gaps are in helping them find it. By improving the connection between education and real jobs, we can better tailor training and career support services to the employment landscape job seekers will actually be in. This also creates an opportunity to build more robust industry-education partnerships to update curricula so students can get experience before they graduate, using stackable credentials and apprenticeship opportunities so they can benefit from new entry points into the labor market as they graduate.

**We must have in mind workers at every stage of their careers.** Upskilling and reskilling opportunities and needs will look different for each group based on their level of experience in the workforce, and some may need more or different support than others. For those who will remain in their jobs but see responsibilities change, employers will need to partner with unions and education providers to take an active role in equipping workers with the skills needed to successfully adjust to new AI tools, and could be incentivized by the AI Horizon Fund to do so. For those looking to start a new job, the AI Horizon Fund will allow us to quickly qualify a worker or student for an in-demand job by proactively re-thinking our training programs for new entrants to the labor market, the existing workforce, and mid-career workers.

For workers who experience major disruption, we can tap into and strengthen existing safety nets to get them support or specific services in light of the AI transition. These workers will need more advance notice so they can make informed decisions about the next steps that are best for them—whether that's upskilling, retraining, starting their own business, or another path. Past approaches to major disruptions, like Trade Adjustment Assistance (TAA), too often failed workers and were underfunded, underscoring the need to rethink and build a system that is more proactive, worker-focused, and responsive to the realities of technological change.

Moving forward, we need better research on larger-scale shifts in the way we think about work and have to take steps to make sure that workers benefit from increased productivity supported by AI. Solutions to how we adjust could be wide ranging and might mean reimagining what the work week looks like as productivity increases and ensuring we have an appropriate safety net when it's needed. The right solutions will also be different for each industry and workplace, which is why workers having bargaining power through union representation is essential to workers benefitting from AI and ensuring the benefits of productivity growth are broadly shared.

Our society thrives when employment is high and income inequality is low. Americans cherish the dignity that a job brings. **Our solutions must recognize the value of work, and that some tasks are uniquely human.** We can honor these values by ensuring every worker has access to a meaningful career. After all, innovation flourishes when workers are fulfilled and have the tools they need to excel. The AI transition can and should benefit all Americans, not just the handful of companies developing the next generation of AI models. Through the AI Horizon Fund, we will sustain and grow the systems and traditions that have powered our technological and economic leadership for generations.

**AI should be a benefit to all, not a detriment to most**—so a commitment from employers to find ways to allow humans to complement AI tools and educate and prepare employees for new opportunities are essential. We'll also need employers to be aware of the risks and benefits of AI deployment and engage with workers and labor unions about how and when AI technology is used and how data is collected. In order to reduce employee distrust and uncertainty, the United States must lead in setting clear guidance and guardrails to protect workers from the use of AI for intrusive surveillance and abusive automated management. Meaningful collaboration will ensure AI tools and technologies are deployed and used in a way that protects companies and their employees.



## HOW WE INVEST IN PEOPLE

Ultimately, success in technology development depends on the users who rely on it. When more people in the workforce are equipped to use AI tools and the tools are designed to work most effectively to achieve those workers' goals, both parties can win. It shouldn't be an either-or. That's why we must make sure that more people in the workforce are equipped to use AI tools and that the tools are designed to achieve those workers' goals.

The resources needed to prepare each worker may differ based on the worker's career stage, the type of work they do, the type of degree or certificates they need, and the changes in the job duties they may see. From new workers looking to start their career to established professionals who need support through a major job disruption, our goal must be to maximize employment for Americans. Ensuring we have flexible and effective programs to assist workers at each career stage will help us ensure all Americans see opportunity in the AI-revolution.

We can do this by focusing the Fund and government efforts to:

- ✦ Create upskilling and reskilling opportunities utilizing the proven union apprenticeship model, community college courses, and public-private partnerships
- ✦ Equip students to augment and expand learning opportunities with AI, rather than letting students use AI tools as a crutch to undermine learning
- ✦ Reimagine credentialing and certification standards to reflect the realities of AI use in the workplace, and expand accelerator programs
- ✦ Prepare workers and employers with digital literacy training and AI bootcamps that get them new skills on responsible AI use
- ✦ Research the AI transition and the evolution of AI to map the skills of the future and deploy that data to help workers
- ✦ Support displaced workers through an AI economic adjustment program that includes an expanded safety net, including more generous unemployment insurance that gives workers the time to figure out what's next for them.
- ✦ Incentivize collaboration that includes workers and labor unions in the design and deployment of AI to maximize AI that benefits workers.

# RECOMMENDATIONS

## 1 Upskilling And Reskilling

Use the AI Horizon Fund to equip workers with the credentials and skills needed to enter and grow in a new job market. This can be done through sector-specific partnerships between industry, educational, and union partners to develop tailored skills programming. It should not be limited to AI-specific fields, but also include complementary fields. For example, the construction of energy infrastructure needed to support data center growth is a prime opportunity to invest in longer-term workforce training programs that will train the next generation of workers skilled in clean energy technologies. We would also expand youth apprenticeship programs and incentivize companies to invest in employer-provided, high-quality worker training that upskills workers on new AI skills.

## 2 Domestic Supply Chains

As data centers multiply, so does demand for the microchips, energy systems, and other components that power them. These should be made in America—strengthening our workforce, boosting the economy, and keeping our technological advances out of the hands of adversaries like China. Building domestic supply chains is also a major opportunity for skilled trades and to grow our base of good, union manufacturing jobs. The Maricopa Community College System's 10-day Quick Start program, for example, is preparing workers for good jobs in the fast-growing semiconductor industry. We must expand these kinds of programs, so AI not only creates new digital skills, such as the cybersecurity expertise we need to secure a more modern and interconnected grid, but also fuels complementary technical training in chip manufacturing and advanced industrial systems that anchor long-term economic resilience.

## 3 New Credentials And Certificates

As jobs change, the competencies and skills learned through apprenticeships and training programs will change too. Upskilling and reskilling programs should share curricula, best practices, and assessment tools to provide consistent training across the country. They should look to partners like data centers and their infrastructure suppliers to help inform these needs. That way if someone completes a program in Arizona, a company hiring in Georgia will understand and appreciate their skills and feel confident hiring them.

## 4 Federal Leadership

Congress should pass legislation to require the public workforce system, comprised of American Job Centers, local workforce development boards, and state labor agencies, to scale and offer high-quality digital and AI literacy training and AI bootcamps. This would build AI-specific and complementary skills that advance access to good-paying jobs and fill in-demand occupations in the AI-fueled economy. We should engage partners across communities on this initiative to ensure maximum reach and impact. We can also expand individual training accounts so that funds go directly to eligible workers for training services under WIOA and fund training programs for occupational skills in high-demand fields.



# RECOMMENDATIONS (CONTINUED)

## 5 Support Disrupted Workers

In the past, government programs have attempted to provide specific training and support to workers who lost jobs due to foreign trade and offshoring, but these programs were often underfunded and would struggle to keep up with fast-paced labor market changes. An AI economic adjustment program that includes more generous unemployment insurance would help workers ahead of a major disruption or in immediate need alongside broader retraining opportunities. We can also look at how the Department of Labor's Reemployment Services and Eligibility Assessment program can be used to help workers impacted by AI.

## 6 Improve Data Collection And Gap Analysis For Better Job Placement

As AI changes the economy, we must be nimble in addressing shifting job market demands. The Bureau of Labor Statistics should expand data collection on retraining outcomes, AI deployment patterns, skills gaps, and job creation or loss. Just as importantly, it must build real-time reporting to anticipate AI-driven labor shifts and update the classifications federal and state funders use to authorize training. A more collaborative data system must link federal agencies, states, educators, and industry to help identify training bottlenecks, align funding, and generate more accurate, timely projections of where AI's impact is headed, ensuring we can adjust quickly and effectively.





### 3

## BUILDING INFRASTRUCTURE FOR RESPONSIBLE AI GROWTH

**Data centers for innovation, resilience, and sustainability.**

*Data centers are the backbone of artificial intelligence, providing the massive computational power and storage needed to train, deploy, and run AI models at scale. The data center industry has experienced remarkable growth and the number of leased data centers in the United States has increased 17 times in the last five years.<sup>5</sup>*

Data centers currently consume about 4 percent of the nation's electricity, up from less than 2 percent in 2018.<sup>6</sup> And this trend is widely expected to accelerate. Data center power consumption could more than double by 2030, with some estimating that it could account for up to 12 percent of national electricity demand.<sup>7</sup> To put this into perspective, this means that over 50 gigawatts of new generation will be needed in the next 5 years. That's 10 times the average power consumption of New York City.<sup>8</sup>

While AI promises to transform industries and drive innovation, this rapid growth also presents challenges, including increased strain on our energy infrastructure and environmental concerns. Left unchecked, this could dramatically raise utility costs for families and small businesses and leave utilities unable to meet demand for AI data centers, threatening future growth.

And data center impacts are not limited to energy. They also use large amounts of water and land. A data center can use 5 million gallons of water per day for cooling, roughly the same as the daily water needs of 10,000 to 50,000 people.<sup>9</sup> Famously, Meta announced that their planned data center will have a footprint similar in size to the island of Manhattan.<sup>10</sup> This demand for resources can strain local economies and communities, particularly in drought-prone areas or urban centers. It can also spark backlash that threatens future growth.

**It's time policymakers across the nation step up and create an environment that empowers and incentivizes AI companies and data center developers to become good stewards of our public resources, not burdens on them.** The U.S. has a once-in-a-generation opportunity to lead the world by pairing AI innovation with bold investments in clean, reliable, and affordable energy not just by public utilities, but by AI companies and their partners. And our progress in the energy space must be matched by commitments to preserve and expand access to clean water, open spaces, and other essential resources we need to thrive. If we plan today and put the AI Horizon Fund to work, we can leverage this moment to build the infrastructure of tomorrow.

The following recommendations aim to encourage AI companies to make the investments and structural commitments necessary to secure the resources that fuel their growth — all while honoring the needs of the communities that host them. **Without reliable access to power, water, and other resources, the AI revolution will stall; without community support, it will never take off.**



## PRINCIPLES FOR BUILDING AI INFRASTRUCTURE

### 1. Fair Cost Sharing

Communities must not bear the financial burden of building the massive infrastructure that data centers require, nor should they be forced to gamble on AI's success. New assets should be funded by the companies that need it, not left as stranded costs for consumers and taxpayers. This partnership is critical to building trust and support from local communities.

### 2. Sustainable and Reliable Infrastructure

The AI boom must become a catalyst for developing sustainable, reliable infrastructure. With demand and resources aligned, now is the moment to invest in forward-looking solutions that deliver long-term benefits for both society and industry.

### 3. Community Partnership

Data centers should benefit the communities they inhabit, not deplete them. That means expanding access to affordable power and clean water—rather than competing for it—and working hand-in-hand with local stakeholders.

# RECOMMENDATIONS

## 1 **Rapid, Diversified Deployment**

AI is advancing at a pace measured in weeks, not years, and our energy infrastructure must keep up. While solar and battery storage dominate today's pipeline, they alone can't reliably power the AI sector.<sup>11 12</sup> We must build an innovation pipeline for geothermal, nuclear, and other clean dependable energy sources, while also deploying near-term solutions that advance and strengthen our energy systems for the demands ahead. Similarly, water scarcity in prime data center regions demands alternative approaches to ensure sustainable growth, such as new cooling technologies.

## 2 **Environmental Stewardship And Smart Permitting**

Clean air, clean water, and healthy environments are fundamental rights. Data center developers must maintain open communication with host communities to avoid straining local resources or disregarding cultural values. This work requires consistent standards across local, state, and federal levels to protect vulnerable communities while avoiding unnecessary delays. Achieving this vision will require smarter permitting tools that enable governments to act both quickly and responsibly, while cutting red tape.

## 3 **Grid Resilience And Security**

Data centers should be grid assets, not just energy consumers. With dedicated resources such as battery storage and backup generation, they can help stabilize the grid during demand spikes, extreme weather, and other disruptions. Likewise, as data centers grow in scale and importance, they become prime targets for cyber and other attacks that could disrupt critical services, compromise sensitive information, or even damage physical infrastructure. It is imperative that data centers be leveraged to make our public energy systems more resilient and secure by integrating generation redundancy, control system security, and transmission safeguards from the ground up.

## 4 **Fair Infrastructure Financing**

Traditionally, utilities finance new energy infrastructure by raising electricity rates across their entire customer base. However, as data centers grow to consume as much power as entire towns, it is neither fair nor sustainable to pass those costs onto surrounding families and businesses. We must establish financing mechanisms that allow utilities to raise capital quickly and recover their investments fairly without disproportionately impacting the communities that host new AI infrastructure.

# RECOMMENDATIONS (CONTINUED)

## 5 Clean Energy Deployment That Delivers Community Benefits

Data centers consume vast resources but also bring unmatched capacity to deploy new solutions. When positioned as early adopters of clean energy technologies, they can accelerate commercialization and drive broader market adoption. Targeted investments should ensure clean energy deployment and emerging industries expand access to affordable power, clean water, and economic opportunities in underserved communities that have long borne the costs of industrial growth.

## 6 Scientific Research And Technological Development

The U.S. leads in AI today, but that lead can't be taken for granted. To stay ahead, we must tap the innovation power of our National Labs, universities, and private sector to build data centers that are smarter, faster, and more efficient. American institutions are uniquely equipped to develop breakthrough technologies from water-efficient cooling to flexible energy management.

## 7 Transparency, Standards, And Reporting

Fragmented data on energy use, water consumption, emissions, and infrastructure timelines makes effective planning nearly impossible. We need clear standards for measuring and disclosing environmental impacts to align data center growth with grid capacity and other constraints. Public reporting strengthens community trust and accountability, while a unified, transparent framework is essential for guiding responsible infrastructure investments nationwide.

## 8 Engines Of The 21st Century Economy

AI must deliver tangible outcomes across the real economy—not just technical efficiencies. The ultimate, long-term test of AI is whether it strengthens industrial productivity, optimizes supply chains, streamlines manufacturing, and enables scientific discovery at scale. To unlock these gains, we must build secure, responsible systems for managing the massive datasets that underlie these industrial systems and treat data centers as strategic infrastructure that directly boosts U.S. competitiveness and real economic output.



## 4

# EARNING PUBLIC TRUST IN AI

## Safety is key to public trust and adoption.

While AI tools have become a part of everyday life and work for many Americans, only 41 percent of Americans are willing to trust AI today.<sup>13</sup> And we are starting to see how unlimited access to this technology can create real harms, like the risks AI chatbots pose to teens' mental health<sup>14</sup>, or how AI is being used to deceive and defraud vulnerable individuals.<sup>15</sup> If AI is not developed and used responsibly, Americans will lose trust and adoption will slow. Developers must prioritize earning and maintaining public trust. **We must make safety a foundation of AI development, not an afterthought.**

Like any powerful technology, AI can solve real problems—or cause serious harm. Before new models are released, they must be rigorously tested and evaluated to identify potential misuse. One approach is to require red-teaming of AI products by trusted entities, including government agencies supported by the AI Horizon Fund. National labs, public safety agencies, and other institutions with decades of experience handling sensitive missions can apply their expertise to ensure AI is deployed safely.

Releasing an AI model is only the beginning. Industry and lawmakers must work together to ensure its safety, trustworthiness, and social value. Public-private collaboration can address challenges such as preventing crime, protecting vulnerable populations, and combating bias and exploitation. Alongside consistent standards and regulations, we need creative solutions and ongoing monitoring for harms. The Fund can provide resources for research and public-private partnerships that advance responsible AI development and deployment.





## RESPONSIBLE INNOVATION CALLS FOR SAFETY

AI is the most disruptive technological leap of our lifetime. Experts, researchers, educators, industry, government, and all interested Americans must work together to answer the big questions, including:

- ✦ How should AI be used on the battlefield?
- ✦ How do we protect children from age-inappropriate or potentially dangerous technology?
- ✦ How do we prevent AI from being used for criminal activity?
- ✦ How do we ensure AI isn't misused in elections or used to damage our democracy?
- ✦ How do we ensure there is accountability, and who is held accountable if an AI technology leads to real-life harm?
- ✦ How should governments guard against and respond to significant AI-related incidents or emerging threats?

Partnerships that enhance transparency, oversight, and research on the development of these systems is critical to ensuring their safety and reliability. If we do this right, America can lead the world in responsible AI innovation.





# 5

## WHAT'S NEXT

**We stand at a pivotal moment, with an opportunity to chart a path forward that measures the promise of AI by its benefit to people and preserves America's global innovation leadership.**

To achieve this mission, we must be decisive in addressing critical questions about protecting American workers and natural resources, safeguarding national security, and ensuring the benefits are not directed to only a powerful few.

These ideas are only the start of the conversation as we see how AI reshapes our world. Over the next few months, I will be continuing the conversation and listening to a wide variety of stakeholders and experts, from parents to workers to industry.

Anytime we confront a disruptive technological leap like this we have to be humble and agile, accepting that no one of us has all the answers. But we also can't throw our hands up and do nothing.

We can help hard-working Americans thrive and reap the benefits of an AI economy. We can unleash true American energy dominance and resilience to power AI.

In turn, these investments will lead to further AI adoption by a resilient workforce, increased AI demand met by efficient energy production, and responsible and ethical deployment that builds trust for more people to adopt AI into their lives. This is the cycle of AI that secures American dominance on the global stage and the American middle class at home.



## Endnotes

1. Ellingrud, Kweilin, et al. Generative AI and the Future of Work in America. McKinsey Global Institute, 26 July 2023, [www.mckinsey.com/mgi/our-research/generative-ai-and-the-future-of-work-in-america](http://www.mckinsey.com/mgi/our-research/generative-ai-and-the-future-of-work-in-america)
2. U.S. Bureau of Labor Statistics. Assessing the Impact of New Technologies on the Labor Market: Key Constructs, Gaps, and Data Collection Strategies for the Bureau of Labor Statistics. U.S. Department of Labor, 2019, [www.bls.gov/bls/congressional-reports/assessing-the-impact-of-new-technologies-on-the-labor-market.htm](http://www.bls.gov/bls/congressional-reports/assessing-the-impact-of-new-technologies-on-the-labor-market.htm)
3. Cerullo, Megan. "Recent College Graduates Face a New Obstacle in Finding a Job: AI." MoneyWatch, CBS News, 11 July 2025, [www.cbsnews.com/news/ai-jobs-unemployment-college-graduate/](http://www.cbsnews.com/news/ai-jobs-unemployment-college-graduate/)
4. "The Broken Marketplace: America's School-to-Work Crisis," The Schultz Family Foundation & HarrisX, July 2025, <https://schultzfamilyfoundation.org/insight/the-broken-marketplace-americas-school-to-work-crisis/>
5. Klimczak, Sean. "The Convergence of Data Centers and Power: A Generational Investment Opportunity." The Connection, Blackstone, 31 Oct. 2024, [www.blackstone.com/insights/article/the-convergence-of-data-centers-and-power-a-generational-investment-opportunity/](http://www.blackstone.com/insights/article/the-convergence-of-data-centers-and-power-a-generational-investment-opportunity/)
6. Shehabi, Arman, et al. 2024 United States Data Center Energy Usage Report. Lawrence Berkeley National Laboratory, Berkeley, California, 2024. LBNL-2001637. <https://escholarship.org/uc/item/32d6m0d1>
7. Epoch AI, and Electric Power Research Institute. Scaling Intelligence: The Exponential Growth of AI's Power Needs. EPRI, Aug. 2025. White Paper. Product ID 3002033669. <https://www.epri.com/research/products/000000003002033669>
8. Electric Power Research Institute. 2025 Data Center Power Report. Bloom Energy, 2025. Bloom Energy, [www.bloomenergy.com/wp-content/uploads/2025-Data-Center-Power-Report.pdf](http://www.bloomenergy.com/wp-content/uploads/2025-Data-Center-Power-Report.pdf)
9. Osaka, Shannon. "A New Front in the Water Wars: Your Internet Use." The Washington Post, 25 Apr. 2023, [www.washingtonpost.com/climate-environment/2023/04/25/data-centers-drought-water-use/](http://www.washingtonpost.com/climate-environment/2023/04/25/data-centers-drought-water-use/)
10. Hale, Craig. "Meta Unveils New Plans for Multi-Gigawatt Datacenter Clusters the Size of Manhattan." TechRadar Pro, 15 July 2025, [www.techradar.com/pro/meta-unveils-new-plans-for-multi-gigawatt-datacenter-clusters-the-size-of-manhattan](http://www.techradar.com/pro/meta-unveils-new-plans-for-multi-gigawatt-datacenter-clusters-the-size-of-manhattan)
11. Suparna Ray. "Solar and Battery Storage to Make Up 81 % of New U.S. Electric-Generating Capacity in 2024." Today in Energy, U.S. Energy Information Administration, 15 Feb. 2024, [www.eia.gov/todayinenergy/detail.php?id=61424](http://www.eia.gov/todayinenergy/detail.php?id=61424)
12. Shenk, Mark. "Rush for U.S. Gas Plants Drives Up Costs, Lead Times." Reuters Events, 21 July 2025, [www.reuters.com/business/energy/rush-us-gas-plants-drives-up-costs-lead-times-2025-07-21/](http://www.reuters.com/business/energy/rush-us-gas-plants-drives-up-costs-lead-times-2025-07-21/)
13. "Trust, attitudes and use of Artificial Intelligence," KPMG (2025), <https://kpmg.com/kpmg-us/content/dam/kpmg/pdf/2025/trust-attitudes-artificial-intelligence-global-report.pdf>
14. K. Hill, "A Teen Was Suicidal. ChatGPT Was the Friend He Confided In." The New York Times (Aug. 26, 2025), <https://www.nytimes.com/2025/08/26/technology/chatgpt-openai-suicide.html>; J. Horwitz, "Meta's AI rules have let bots hold 'sensual' chats with kids, offer false medical info," Reuters (Aug. 14, 2025), <https://www.reuters.com/investigates/special-report/meta-ai-chatbot-guidelines/>
15. Federal Bureau of Investigations, "Public Service Announcement: Criminals Use Generative Artificial Intelligence to Facilitate Financial Fraud," ic3.gov (Dec. 3, 2024), <https://www.ic3.gov/PSA/2024/PSA241203>



