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FACT SHEET: President Biden Announces up to \$6.1 Billion Preliminary Agreement with Micron under the CHIPS and Science Act

Funding unleashes \$125 billion in private investment from Micron to build leading-edge memory semiconductor and create more than 20,000 direct jobs.

Today, President Biden will travel to Syracuse, New York, to announce that the Department of Commerce has reached a preliminary agreement with Micron to provide up to ~\$6.14 billion in direct funding under the CHIPS and Science Act. This investment will support the construction of two fabs in Clay, New York, and one fab in Boise, Idaho, unleashing \$50 billion in private investment by 2030 as the first step towards Micron's investment of up to \$125 billion across both states over the next two decades to build a leading-edge memory manufacturing ecosystem. Micron's total investment will be the largest private investment in New York and Idaho's history, and will create over 70,000 jobs, including 20,000 direct construction and manufacturing jobs and tens of thousands of indirect jobs. During his visit, President Biden will discuss how his Investing in America agenda is building our economy from the middle out and bottom up, mobilizing an economic comeback in communities like Syracuse, and strengthening U.S. national security.

Semiconductors were invented in America and power everything from cell phones to electric vehicles, refrigerators, satellites, defense systems, and more. But today, the United States produces only about 10 percent of the world's chips and none of the most advanced

ones. Thanks to President Biden’s CHIPS and Science Act, that is changing. Companies have announced over \$825 billion in investments in manufacturing and clean energy in the United States since the President took office, including in semiconductors. Semiconductor jobs and manufacturing are making a comeback.

Back in 2022 and shortly after President Biden’s CHIPS and Science Act was signed into law, President Biden and Leader Schumer joined Micron in New York to recognize the company’s intention to invest in the Syracuse community. Today’s announcement is a major step in realizing the aspiration laid out on that day – that the United States will once again be a leader in global chip manufacturing. Leading-edge memory chips are critical for advanced technology, including artificial intelligence and advanced computing and communications.

Micron’s projects will create a robust leading-edge memory chip ecosystem and bring back leading-edge memory manufacturing to the United States for the first time in over 20 years:

- **Clay, New York:** Funding will support the construction of the first two fabs of a planned four fab “megafab” focused on leading-edge DRAM chip production. Each fab will have 600,000 square feet of cleanrooms, totaling 2.4 million square feet of cleanroom space across the four facilities—the largest amount of cleanroom space ever announced in the United States and the size of nearly 40 football fields.
- **Boise, Idaho:** Funding will support the development of a high-volume manufacturing (HVM) fab, with approximately 600,000 square feet of cleanroom space focused on the production of leading-edge DRAM chips. The fab would be co-located with the company’s existing, leading-edge R&D facility to improve efficiency across its R&D and manufacturing operations, reducing lags in technology transfer and cutting time-to-market for leading-edge memory products.

Creating Good-Paying and Union Jobs with Good Benefits Across America

Workforce Funding: President Biden promised to be the most pro-worker, pro-union President in American history, and his Administration has committed to ensuring that

workers have the free and fair choice to join a union and equitable training pathways to good jobs. Today's announcement includes at least \$40 million in dedicated CHIPS funding for training and workforce development to ensure local communities have access to the jobs of the future. The focus of this funding will be further determined in the coming months based on the Department of [Commerce's labor and workforce priorities](#), in partnership with the Department of Labor.

Workforce Hubs: In addition, as part of the Administration's effort to connect workers with good-paying jobs created by the President's Investing in America agenda, today President Biden will announce four additional Investing in America Workforce Hubs – including one in Upstate New York, which will focus on semiconductor manufacturing – along with Milwaukee, Philadelphia, and Michigan. These hubs complement five existing Workforce Hubs, including those in Phoenix, Arizona, and Columbus, Ohio that have already catalyzed new semiconductor training programs. These hubs will leverage and develop partnerships between companies, educational institutions, and labor unions to meet our nation's workforce needs.

Project Labor Agreements: For these projects, Micron established two Project Labor Agreements (PLAs) at both the New York and Idaho sites for construction of new fabrication facilities. Both PLAs are the largest in each state's history. These PLAs ensure that projects are completed efficiently and on time, while also supporting high quality jobs.

Registered Apprenticeships: To prepare for the thousands of jobs that will need to be filled, Micron is also leveraging Registered Apprenticeship programs to assist and propel underrepresented individuals to "earn-and-learn" and provide a pathway to well-paying careers. In New York, Micron has a partnership with the Manufacturers Association of Central New York. In Idaho, Micron established its first-ever Registered Apprenticeship Program in the state in partnership with the Idaho Manufacturing Alliance and College of Western Idaho. Micron is also joining DOL's Advanced Manufacturing Sector Table of leading labor, industry, and workforce organizations committed to equitably building and growing the next generation of the manufacturing workforce here in the United States. The AFL-CIO Working for America Institute will support DOL's Sector Table by working with

Micron, the American Federation of Teachers (AFT), and other employer and labor organizations to develop, scale, and adopt a universal pathway curriculum for advanced manufacturing, including semiconductor manufacturing, to provide workers an onramp to good manufacturing jobs and create a pipeline of job-ready workers for employers across the country. Finally, Micron is also engaging with the AFT, its New York affiliates, the State of New York, and teachers to develop a training framework based on foundational and technical skills found throughout the semiconductor industry to engage and train students.

Good Jobs Principles: Micron has established itself as a leader on workforce issues, including by living up to the [Department of Commerce's and Labor's Good Jobs Principles](#), which includes offering living wage starting salaries, opportunities for promotion—including for individuals from diverse and non-traditional backgrounds—a comprehensive benefits package, and an organizational culture that encourages feedback from all members to help Micron retain talent and strengthen its workforce over time.

Child Care: Micron has committed to providing affordable, accessible, high-quality child care for its workers across its facilities, and is building new child care facilities in both Idaho and New York, as well as partnering with local child care providers to provide subsidized care.

Right to Organize: Micron has affirmed it respects workers' rights to organize, to share feedback without fear of reprisal, and to collectively bargain. The Administration strongly supports these rights, and expects Micron to neither hold mandatory captive audience meetings nor hire anti-union consultants. Micron and the Communications Workers of America (CWA) plan to meet to discuss labor peace. The Administration also plans to convene industrial unions and CHIPS companies to discuss workforce issues.

Sustainability: Micron is committed to delivering on its existing sustainability framework for the design and operations of its new facility, which includes planning to use 100% renewable electricity at the facilities and mitigating greenhouse gases. These efforts support Micron's global target to achieve net-zero emissions from operations and purchased energy by 2050.

Rebuilding America's Communities

Today's announcement is part of the President's commitment to revitalize communities that for too long have been overlooked by federal investment. This investment is symbolic of how innovation, national security, and economic competitiveness can bring back communities that were once powerhouses. Syracuse was a manufacturing hub during World War II, when General Electric began building engines, vacuum tubes, and radar systems for the military. After powering the country to victory in World War II, families in Syracuse were left behind by decades of failed trickle-down policies. Factory closures led to jobs flowing overseas, increased rates of poverty, and a decline in income.

President Biden came to office with a different agenda – to leave no community behind and build the economy from the middle out and bottom up. Today's announcement is coupled with ongoing, targeted investments in the Syracuse region. For example, the Department of Commerce [designated](#) upstate New York as a Tech Hub; the President's Bipartisan Infrastructure Law is investing \$180 million in the I-81 viaduct project to reconnect communities in Syracuse divided by transportation infrastructure; the Department of Energy and National Grid [are investing](#) a combined \$140 million in upstate New York's electric system; and the Environmental Protection Agency [awarded](#) \$23 million in funding to clean up industrial waste. These investments set the stage for a new chapter in Syracuse's economic history.

Now, the Syracuse region is making a comeback. After 22,000 jobs disappeared from the Syracuse region under the prior Administration, President Biden has added 25,000 jobs in Syracuse and over 1 million jobs statewide in New York. And workers are taking home more – real per capita personal income is up nearly 5%. Micron's new investment is expected to create tens of thousands of jobs across suppliers and supporting industries – on top of the approximately 20,000 manufacturing and construction jobs it will directly employ - fostering a more resilient semiconductor supply chain in the U.S.

Building on Historic Progress Under the CHIPS and Science Act

Today's announcement is the seventh preliminary memorandum of terms (PMT) under the CHIPS and Science Act:

- In April 2024, the Administration announced \$6.4 billion for Samsung to build leading-edge logic, R&D, and advanced packaging fabs in Taylor, TX, and to expand a current-generation and mature-node facility in Austin, TX.
- In April 2024, the Administration announced \$6.6 billion for Taiwan Semiconductor Manufacturing Company to support the development of three greenfield leading-edge fabs in Phoenix, AZ.
- In March 2024, the Administration announced \$8.5 billion for Intel to support investments across four states, (Chandler, AZ; Rio Rancho, NM; New Albany, OH; and Hillsboro, OR) to construct new leading-edge logic fabs, modernize advanced packaging facilities, and invest in R&D.
- In February 2024, the Administration announced \$1.5 billion for GlobalFoundries to support the development and expansion of facilities in Malta, NY, and Burlington, VT.
- In January 2024, the Administration announced \$162 million for Microchip Technology Inc. to increase its production of microcontroller units and other specialty semiconductors, and to support the modernization and expansion of fabrication facilities in Colorado Springs, CO, and Gresham, OR.
- In December 2023, the Administration announced \$35 million for BAE Systems Electronic Systems to support the modernization of the company's Microelectronics Center in Nashua, NH. This facility will produce chips that are essential to our national security, including for use in F-35 fighter jets.

President Biden's Investing in America agenda – including the CHIPS and Science Act – is spurring a manufacturing and clean energy boom. Since President Biden took office through the end of March 2024, companies have announced over \$825 billion in private

sector investments in manufacturing and clean energy, and over 50,000 infrastructure and clean energy projects are underway. This announcement is part of the President's broader commitment to build an economy from the middle out and bottom up, not the top down, and invest in all of America.

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