TSMC Arizona

In the city of Phoenix, 3000 employees at TSMC Arizona support the manufacturing of the most advanced semiconductor technology in the United States.

Unleashing Global Innovation

Founded by Dr. Morris Chang in 1987, TSMC helped revolutionize the semiconductor industry and has been driving technological progress ever since. Today, TSMC's chips power more than 12,000 products — from smartphones and electric vehicles to AI systems and aerospace technologies — fueling innovation worldwide. With manufacturing sites across Asia, Europe, and North America, TSMC empowers over 500 companies to bring new ideas to life.

TSMC Arizona: Building the Future in the U.S.

In 2020, TSMC chose Phoenix, Arizona, for its first advanced U.S. semiconductor manufacturing site — a milestone investment that has expanded from $12 billion to $165 billion – representing the largest foreign direct investment in a greenfield project in American history. Plans in Arizona include six semiconductor wafer fabs, two advanced packaging facilities and an R&D team center. This investment will strengthen America's leadership in critical technologies like AI, high-performance computing, and advanced mobile applications.

Key Milestones:

- First Fab: High-volume production on N4 process technology started in Q4 2024.
- Second Fab: Construction was completed on the fab structure in 2025. Volume production on N3 process technology targeted for 2028.
- Third Fab: In April 2025, TSMC broke ground on the site of the third fab, slated for N2 and A16 process technologies. Targeting volume production by the end of the

decade.

TSMC Arizona will play a crucial role in increasing U.S. production of advanced semiconductor technology and elevate the state of Arizona as an American center of innovation.

Project Timeline

May, 2020

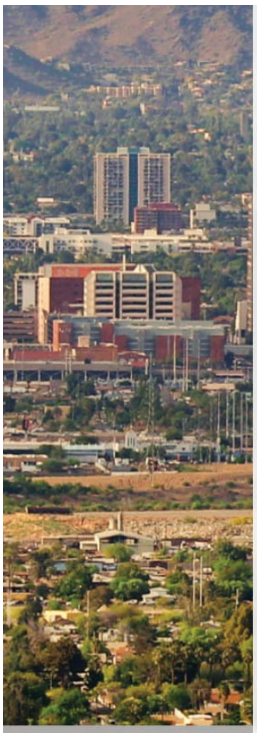
TSMC first announced plans to invest $12B in Phoenix, Arizona for an advanced semiconductor manufacturing fab.

December, 2020

TSMC Arizona acquires 1,129 acres of land in north Phoenix.

April, 2021

Construction of TSMC Arizona's first fab begins.



in addition to tens of thousands of construction and supplier jobs.

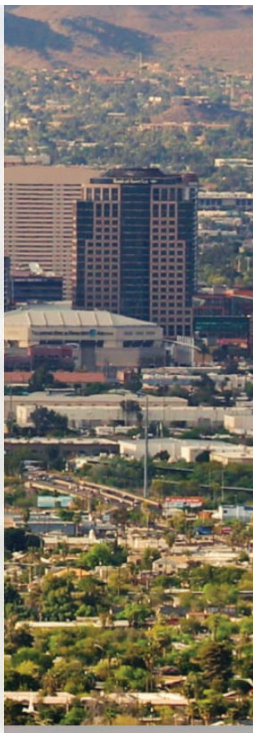
According to the Greater Phoenix Economic Council (GPEC), there are more than 140,000 jobs in occupations relevant to semiconductors in the metropolitan area and it is growing rapidly.

An analysis by GPEC (April 2024) on the impact of TSMC Arizona's first three fabs ($65B), this investment in Phoenix will:

- Generate an estimated $1.2B in direct tax revenues plus $195.1M in indirect tax revenues — for a total of $1.4B in tax revenue to Arizona over a 13-year period.
- Create $4.6B of personal income, plus an additional $4.8B in indirect personal income for a total of $9.3B.
- Create $32.9B in economic output, with $17.2B in direct economic output, and $15.6B in indirect output.

Creating a semiconductor supply chain cluster in this region provides a range of other benefits to the industry and the broader economy. By bringing together semiconductor manufacturers, suppliers, research institutions, universities, and other stakeholders, these regional clusters create a hub of expertise and resources that can be leveraged to broadly promote innovation and long-term growth.

Additional links on economic impact:
Greater Phoenix Economic Council
Arizona Commerce Authority: Semiconductor Advantages
Arizona Commerce Authority: Economic Roadmap



Sustainability
at TSMC Arizona

At TSMC, innovation and environmental responsibility go hand in hand. TSMC Arizona is designed to meet high sustainability standards, including.

- Energy-efficient building design and operations
- Advanced water conservation and recycling systems
- Comprehensive waste management and emissions controls
- Full compliance with the National Environmental Policy Act (NEPA) and local environmental protections

TSMC is committed to minimizing environmental impact while delivering world-class manufacturing capabilities.

+ Goals and Objectives

Shape What's Next at TSMC Arizona

On a campus spanning over 1,100 acres, TSMC Arizona will be the most advanced semiconductor facility on U.S. soil, producing tens of thousands of semiconductor wafers per month for our valued customers.

Career opportunities include:

- Competitive salary and benefits packages
- Collaboration with top talent in engineering, manufacturing, and business
- Access to the latest technologies and professional development programs
- A commitment to sustainability, innovation, and long-term growth

At TSMC Arizona, you'll help shape the technologies that will define tomorrow

We're looking for individuals interested in the following areas:

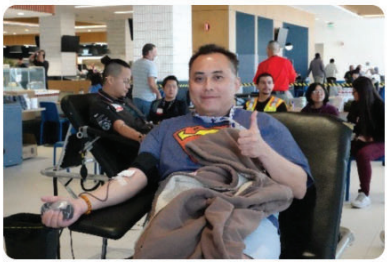
- Manufacturing
- Facilities
- Operations
- Human Resources
- Finance
- Supply Chain

To learn more about positions at TSMC Arizona, click here:
https://ro.careers.tsmc.com/search/?locationsearch=AZ

To ask specific questions about job opportunities at TSMC Arizona, please email:
azrecruit@tsmc.com

To learn more about TSMC Technician Apprenticeship Program, click here.

Community & Local News



Answering the Call: TSMC Arizona Blood Drive

In collaboration with the American Red Cross of Arizona & New Mexico, TSMC Arizona hosted a successful onsite blood drive. Thanks to the incredible turnout from our employee volunteers, including many first-time donors, enough blood was collected to potentially save up to 186 hospital patients. These efforts show how our team's commitment to community care extends well beyond the workplace.

Archived Community & Local News

Contact Us

For general questions about TSMC Arizona, please email us at tsmc_azinfo@tsmc.com.

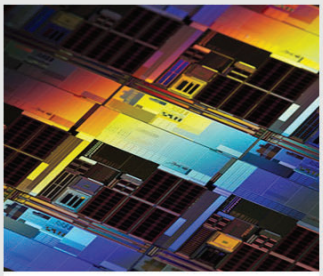
For job related questions, please email us as azrecruit@tsmc.com.

TSMC Arizona is committed to working with qualified minority and women-owned suppliers in our local community. This is consistent with our overall commitment as a company to foster an inclusive environment, free from inequity and unlawful discrimination. Please download and complete the supplier questionnaire to see if you qualify for our supplier diversity program. A member of our procurement team will reach out to you if they need more information. When complete, you can send the form by email to: tsmc_azinfo@tsmc.com.

Download the Supplier Questionnaire

Related Information

Company Info >



Technology >

Inclusive Workplace >

About TSMC

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