



CHIPS AND SCIENCE ACT

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EMERGING TECHNOLOGIES

To outcompete our rivals like China, we must invest in next generation technology like synthetic biology, artificial intelligence, quantum computing, and more. The CHIPS and Science Act makes significant investments in these technologies, unleashing American innovation, bolstering our national security, and securing our economic future.

SEMICONDUCTOR MANUFACTURING

Before the CHIPS and Science Act, the United States relied on other countries for 90 percent of the semiconductor chips that are essential to everything from high tech weapons to the cell phone in your pocket. Thanks to the CHIPS and Science Act, more semiconductors will be developed and built in America, including right here in Indiana.

TECH HUBS

To spur economic growth across the country, the CHIPS and Science Act creates Regional Innovation and Technology Hubs. Tech Hub designations will help different geographic regions attract private sector investment and R&D in key technology areas.

INDIANA WINS

- **SK hynix** announced plans to build an advanced chip packaging facility in West Lafayette. More than \$3.8 billion will be invested, which will create more than 1,000 new jobs.
- **Naval Surface Warfare Center - Crane Division** is managing the \$238 million Microelectronics (ME) Commons program to research and produce semiconductors for the Department of Defense. Indiana's Silicon Crossroads ME Commons Hub received an initial award of nearly \$33 million.
- **Indiana's Heartland BioWorks Tech Hub** received a designation in Phase One and was one of only 12 Tech Hubs to receive a funding award in Phase Two. Heartland BioWorks will receive approximately \$51 million for biotech manufacturing programs, which is estimated to help create 9,000 new jobs and to generate \$2.6 billion in annual economic output once it is fully up and running.
- **Northwest Indiana** is part of Chicago's designated Tech Hub known as The Bloch, which focuses on end-to-end quantum solutions.
- **A consortium led by the University of Notre Dame** received a Tech Hub strategy development grant to further plans for a Midwest Wireless Innovation Hub.
- A Kentucky-based consortium, including partners in **Southern Indiana**, was also awarded a Tech Hub strategy development grant to focus on energy innovation.

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