Update on CHIPS Research and Development

CHIPS for AMERICA

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Key Dates

August 9, 2022	CHIPS & Science Act of 2022 passed into law and signed by President Biden	
September 6, 2022	CHIPS for America launched	
September 6, 2022	A Strategy for the CHIPS for America Fund released	4
September 20, 2022	CHIPS Program and R&D offices founded, senior leadership announced	J
September 29, 2022	IAC members announced, first meeting	
October 12, 2022	Incentives RFI	
October 13, 2022	Manufacturing USA RFI	
December 8, 2022	IAC 1st public meeting	
September – October 2022	CHIPS webinars and briefings	
November 18, 2022	NSTC Update to the Community	
February 7, 2023	IAC 2nd public meeting	
Late February 2023	Manufacturing incentives funding announcement released; Rolling applications begin	
By end March 2023	NSTC white paper released	
March 2023 and on	Application review and funding (rolling)	
	Webinars for the public and applicants National Institute of Standards and Technology U.S. Departm	ent of Commerce 5







Update: Manufacturing Incentives



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- Funding application process
 - Notice of Funding Opportunity to be announced in February 2023 (6 months from enactment)
 - · Proposals considered on a rolling basis
 - · Relationship managers and application feedback rounds will result in the best proposals
- Learn more
 - · Visit CHIPS.gov
 - Read the Implementation Strategy
 - · Join our mailing list









National Semiconductor Technology Center



Vision: Will serve as the **focal point** for research and engineering throughout the semiconductor ecosystem, advancing and enabling disruptive innovation to provide U.S. leadership in the industries of the future.

Structure: A public-private consortium as an independent entity with a governing board informed and advised by industry, academia, government, and key stakeholders.

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National Semiconductor Technology Center

Elements:

- Core of centrally operated, in-house research, engineering, and program capabilities combined with a network of directly funded and affiliated entities.
- Includes applied research, prototyping of devices and processes in a real-world environment, challenges related to scaling, start-up company support, or development of advanced manufacturing tools and processes.
- Focus research and engineering on challenging projects with a time horizon beyond 5 years.
- The NSTC will serve as a key convening body for the ecosystem.

Process:

- NSTC white paper, 1st quarter 2023.
- Summarize the results of a landscape analysis, outline a governance structure, and describe a preliminary operating and financial model.



















