

NSF ENGINES FACT SHEET



A unique program to grow and sustain regional innovation and economic growth.

The U.S. National Science Foundation [Regional Innovation Engines](#) (NSF Engines) program supports the development of cross-sector regional coalitions to engage in use-inspired research, drive research results to the market and society, promote workforce development and ultimately stimulate the economy and create new jobs. Each NSF Engine focuses on use-inspired research and development that creates new technologies, jobs and economic opportunities for national, societal and economic impact. The program was launched in May 2022 by the NSF Directorate for Technology, Innovation and Partnerships.

Goal of the NSF Engines program

The NSF Engines program envisions supporting multiple flourishing regional innovation ecosystems across the U.S., spurring economic growth in regions that have not fully participated in the technology boom of the past few decades.

10 inaugural NSF Engines

In January 2024, NSF announced the first-ever NSF Engines awards to 10 teams of innovators and ecosystem builders from industry, higher education, nonprofit, tribal nations and state and local governments.

Each awardee team will receive an initial \$15 million over the next two years with the potential to receive up to \$160 million each over the next decade.

60% of NSF Engines awardees include partners who are new to NSF funding.

Central Florida Semiconductor Innovation Engine

North Dakota Advanced Agriculture Technology Engine

Colorado–Wyoming Climate Resilience Engine

Paso del Norte Defense and Aerospace Innovation Engine

Great Lakes Water Innovation Engine

Piedmont Triad Regenerative Medicine Engine

Louisiana Energy Transition Engine

Southwest Sustainability Innovation Engine

North Carolina Textile Innovation and Sustainability Engine

Upstate New York Energy Storage Engine

Check out our website:

<https://new.nsf.gov/funding/initiatives/regional-innovation-engines>



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Regional Innovation Engines

Email us questions:
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