



# *The Technology Innovation Program (TIP)*

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[www.nist.gov/public\\_affairs/tip.htm](http://www.nist.gov/public_affairs/tip.htm)

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## ***TIP is Part of NIST***



### ***NIST assets include:***

- \$843 million FY 2007 operating budget
- 2,900 employees
- 1,800 associates
- **NIST laboratories:** National measurement standards
- **Technology Innovation Program:** \$TBD
- **Advanced Technology Program:** \$2,408 million co-funding with industry since 1990
- **Manufacturing Extension Partnership:** centers in 350 locations nationwide to help small manufacturers

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# *NIST Mission ...*



**Gaithersburg, MD**



**Boulder, CO**

To promote U.S. innovation and industrial competitiveness by advancing

**measurement science,**  
**standards,**  
and **technology**

in ways that enhance economic security and improve the quality of life for all Americans.

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# *The TIP Authorizing Legislation ...*

- On August 9, 2007, the President signed the America COMPETES Act which abolished ATP and created the Technology Innovation Program (TIP)
- Projects selected in the 2007 competition will continue to be governed by the terms and conditions established for ATP

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## *TIP Purpose ...*

**“Assisting United States businesses and institutions of higher education or other organizations, such as national laboratories and nonprofit research institutions, to support, promote, and accelerate innovation in the United States through high-risk, high-reward research in areas of critical national need.”**

*America COMPETES Act  
(H.R. 2272)  
August 9, 2007*



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## *Key Features of TIP...*

- **Novel Purpose:** address societal challenges not being addressed in areas of Critical National Need with benefits that extend significantly beyond proposers
- **Rich Teaming:** businesses, academia, National Labs, nonprofit research institutions and other organizations
- **Scientific & Technical Merit Review**
- **Transformational in nature:** strong potential for advancing state-of-the-art and contributing to U.S. science and technology base
- **Societal Challenges:** demand government attention



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# TIP Research Projects ...

## Types of Project Structures

- Single company projects led by a small or medium-sized U.S. company
- Joint venture projects of either:
  - 1) at least two for-profit U.S. companies with the project lead being a small or medium-sized company, or
  - 2) at least one small or medium-sized company and one institute of higher education or other eligible organization with the lead being either the small or medium-sized company or the institute of higher



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## TIP Funding, Intellectual Property and Program Impacts

- Funding levels
  - Single company projects up to \$3M for up to three years.
  - Joint Venture projects may be funded up to \$9M for up to five years
- Intellectual property resides with company or any JV member (including a university JV member)
- Program assessment required
- Establishes TIP Advisory Board
- Annual reports from Program and Advisory Board



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