

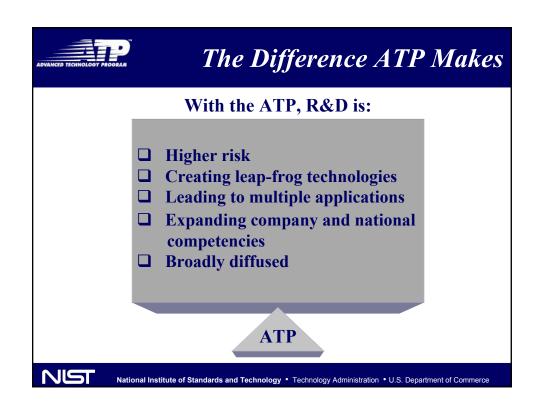


ATP Mission ...

To accelerate the development of innovative technologies for broad national benefit through partnerships with the private sector.





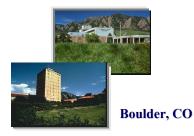




NIST Mission ...



Gaithersburg, MD



Develop and promote measurement, standards, and technology to enhance productivity, facilitate trade, and improve the quality of life.

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National Institute of Standards and Technology • Technology Administration • U.S. Department of Commerce



ATP is part of NIST



- \$825 million FY2003 operating budget
- □ 3,000 employees
- □ 1,600 associates
- ☐ NIST Laboratories: National measurement standards
- □ Advanced Technology Program: \$2,114 million co-funding with industry since 1990
- ☐ Manufacturing Extension Partnership: 400 centers nationwide to help small manufacturers
- ☐ Baldrige National Quality Award

Helping America Measure Up

NIS



The Competitive Environment

- Advances in technology account for more than 50 % of U.S. economic growth
- Global competition has forced a focus on *short-term return* on investment



• Now more than ever, our nation's economic well being depends on *rapid development and commercialization* of technology

NIST

National Institute of Standards and Technology • Technology Administration • U.S. Department of Commerce

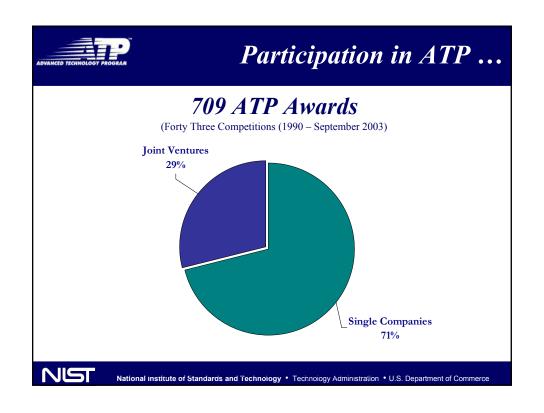


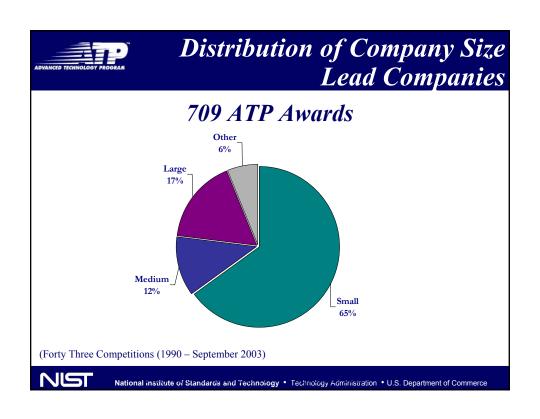
Fourteen Years of Innovation

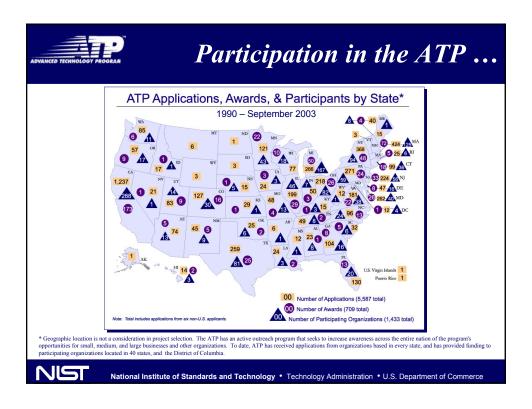
- Since 1990, 5,587 proposals submitted to 43 competitions, requesting \$11,930 million from ATP
- 709 projects awarded with 1,433 participants and an equal number of subcontractors
- 207 joint ventures and 502 single companies
- \$4,101 million of high-risk research funded
 - -ATP share = \$2,114 million
 - Industry share = \$1,987 million
- Small businesses are thriving
 - 65% of projects led by small businesses
- Over **160 universities** participate
- Over 25 national laboratories participate

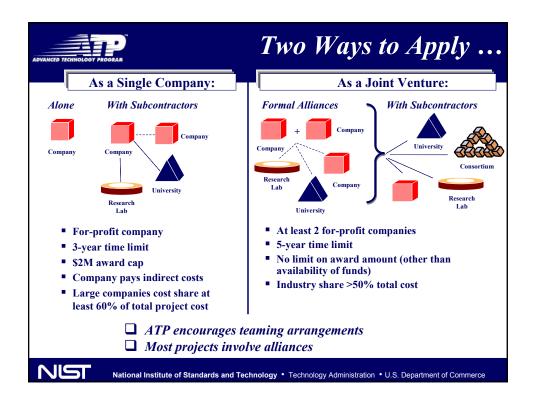


ECHNOLOGY PROGRAM		Technolog	y Ar
Technical Disciplines		As a Percent of \$2,114 M Awarde	
Advanced Material			
Chemistry	21%	Total Invest	mont
Biotechnology	20%		meni
		Advanced Materials/ Chemistry	\$447 M
Electronics/ Photonics	25%		
		Biotechnology	\$420 M
Info Tech	23%	Electronics /	
Manufacturing		Photonics	\$519 M
(Discrete)	11%	Info Tech	\$484 M
		Manufacturing	
		(Discrete)	\$244 M







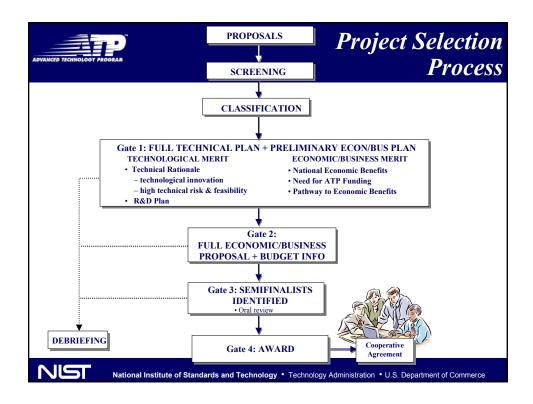


ADVANCED TECHNOLOGY PROGRAM

Two Major Criteria

- Scientific and Technological Merit (50%)
 - Technical Rationale
 - ✓ high technical risk & feasibility
 - ✓ technological innovation
 - R&D Plan
- Potential for Broad-Based Economic Benefits (50%)
 - National Economic Benefits
 - Need for ATP Funding
 - Pathway to Economic Benefits

NIST



For Info on ATP and to Join Our Mailing List ...

• Call toll-free: 800-ATP-FUND

(800-287-3863)

• Fax your name and

address to: 301-926-9524

• Send e-mail to: atp@nist.gov

• Visit ATP's website: www.atp.nist.gov

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