



The Economic Assessment Office Delivering Results in 2001

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Guiding Principles

- Delivering Timely and Relevant Evaluation Results
- Exploring ATP's Unique Innovation Space



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Delivering Results Status Reports

- Last report to Advisory Committee--50 Status reports completed--New volume about to launch
- New Plans
 - Performance Rating System
 - RFP: Seeking well-known private consulting firms
 - faster results
 - 100 new reports in 6-9 mos; 200 new reports in 12-15 mos.



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Delivering Results New Surveys and Products

- Web-based reporting over funding period
- Post-Project Telephone Survey--80 surveys nearly completed (45 projects funded since 1993)
- New product planned: Comprehensive set of performance metrics on annual basis
 - e.g., Commercialized technologies, papers, patents, employment, IPOs



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Delivering Results *Growing Successful Technologies*

- Business Development Training Program
 - Outstanding, dynamic leader--has 20 years experience in technology commercialization, corporate partnering, and entrepreneurship
 - Test run in 1999 received outstanding post-training feedback
 - Up to 6 workshops; the first in December 2000



Delivering Results *Study of ATP Intramural Funding*

- Extend ATP economic evaluation to its intramural program
 - Performance metrics
 - 4 Case studies of specific projects
 - Researchers have extensive experience with NIST laboratories



Delivering Results Other Projects in Pipeline

- National Academy of Sciences Report of ATP Program Evaluation
- Two studies applying control groups/independent data sources show “ATP makes a difference”
- In depth case study of ACTUAL macroeconomic impacts of 2mm project
- In-depth microeconomic analysis of ATP’s Component Based Software focused program



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ATP’s Unique Innovation Space The Funding Gap

- Harvard project explores the Valley of Death
 - Not much is known!
 - Requires interdisciplinary effort
 - Dialogue with private investors, R&D managers, and entrepreneurs
 - Quantitative analysis: location, industry, source of funding, innovation stage, stage of business cycle



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Conclusion

- Delivering Timely and Relevant Evaluation Results
 - Exploring ATP's Unique Innovation Space
- ▶ *To provide timely feedback to the project selection process and be responsive to industry's changing needs*