Unleashing American Innovation

Return on Investment Initiative: ROI

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April 19, 2018
A comprehensive initiative to increase the Return on Investment (ROI) to the U.S. economy and national security from the $150B annual Federal R&D investment by assessing, streamlining, and accelerating the transfer of technology from Lab-to-Market.

ROI Initiative Information  www.nist.gov/tpo/ROI
ROI Vision and Goal

• Vision
  – *Unleash the innovation power of America into our economy*

• Goal
  – *Maximize the transfer of federal investments in science and technology into value for America*
    
    ➢ *promote innovation*, U.S. economic growth and national security
    ➢ attract greater *private sector investment* to create innovative products, processes, services, as well as new businesses and industries
Unleash
NIST and Federal Technology Transfer

U.S. Department of Commerce NIST focus: Promote innovation and industrial competitiveness. Advance Federal technology transfer.

- Policy coordination, promulgate technology transfer regulation
- Interagency Workgroup for Technology Transfer (11 Federal agencies)
- Interagency Workgroup for Bayh-Dole
- Annual technology transfer reports to the President, Congress, and OMB
- Chair NSTC Science & Technology with NSF
- Lead NSTC Lab-to-Market Goal with OSTP
- “Host Agency” for Federal Laboratory Consortium for Technology Transfer
ROI Initiative Objectives

- Identify **critically needed improvements** to Federal technology transfer efforts

  — Seek broad input from Federal R&D, intellectual property, and technology transfer stakeholders.
ROI Outcomes

- Core technology transfer principles and practices to protect, adapt or change.
- Improve efficiency and reduce regulatory burdens.
- Attract private sector investment in later-stage R&D, commercialization, and advanced manufacturing.
- New public-private partnering models for technology development and maturation.
- Reduce/eliminate barriers, accelerated commercialization in areas of strategic national importance.
- Improve metrics and methods to evaluate outcomes and impacts.
- Significantly increase technology transfer success from the Federal sector, universities, and research organizations.
ROI: Timeline and Milestones

February/March
- Initial key stakeholder meetings to engage industry and academic stakeholders
- NIST website for information and updates

April/May/June
- Unleash American Innovation Symposium
- Request for Information in Federal Register
- Public Forums announced in Federal Register

July/August/September
- Analysis, interagency review, recommendations (practices, policies, regulatory, legislative), initiate implementation of action plan
Announcement of RFI and Public Forums will be distributed widely

ROI Initiative Information available at

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