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Practical Lessons in Connecting Excellent Research with Development Priorities, Strategic Technologies, and Business Needs

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Excellent Research Must Deliver Societal Value

- High-quality research is the foundation of innovation.
- Research should address national challenges and opportunities.
- Scientific excellence and societal relevance should reinforce each other.
- Greater impact is achieved when research responds to real needs.

Research Excellence
Remains Essential, but
Impact Matters Too

Funding is a Strategic Policy Instrument

- Guide research toward strategic priorities.
- Stimulate innovation and technology development.
- Support economic growth and social well-being.
- Encourage collaboration among stakeholders.

Research Funding is More than Financial Support

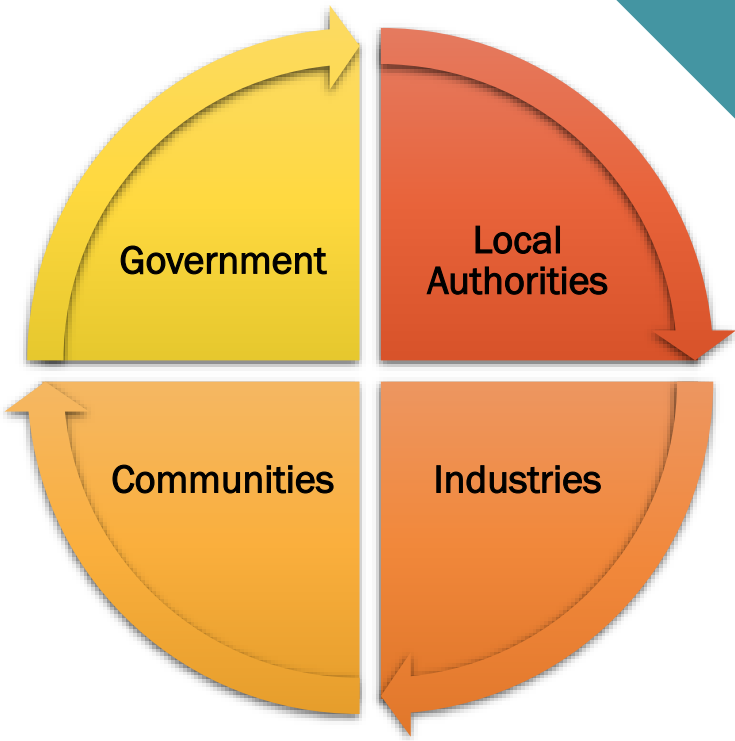
Align Research with National Priorities and Technology Roadmaps

Aligning Research Investment with National Goals:

- Clear research direction
- Better allocation of resources
- Stronger contribution to national development



Promote Demand-Driven and Mission-Oriented Research



Expected Outcomes:

- Relevant research questions
- Clear pathways to utilization
- Stronger societal impact

Research Becomes More Valuable When Users are Involved Early

Industry Engagement Increases Impact

Industry Participations:

- Defining research needs
- Co-developing solutions
- Testing and validation
- Commercialization

Benefits:

- Better market relevance
- Faster technology adoption
- Greater economic impact

Industry Should be Involved Throughout The Innovation Process

Incentives Encourage Private R&D Investment

Possible Instruments:

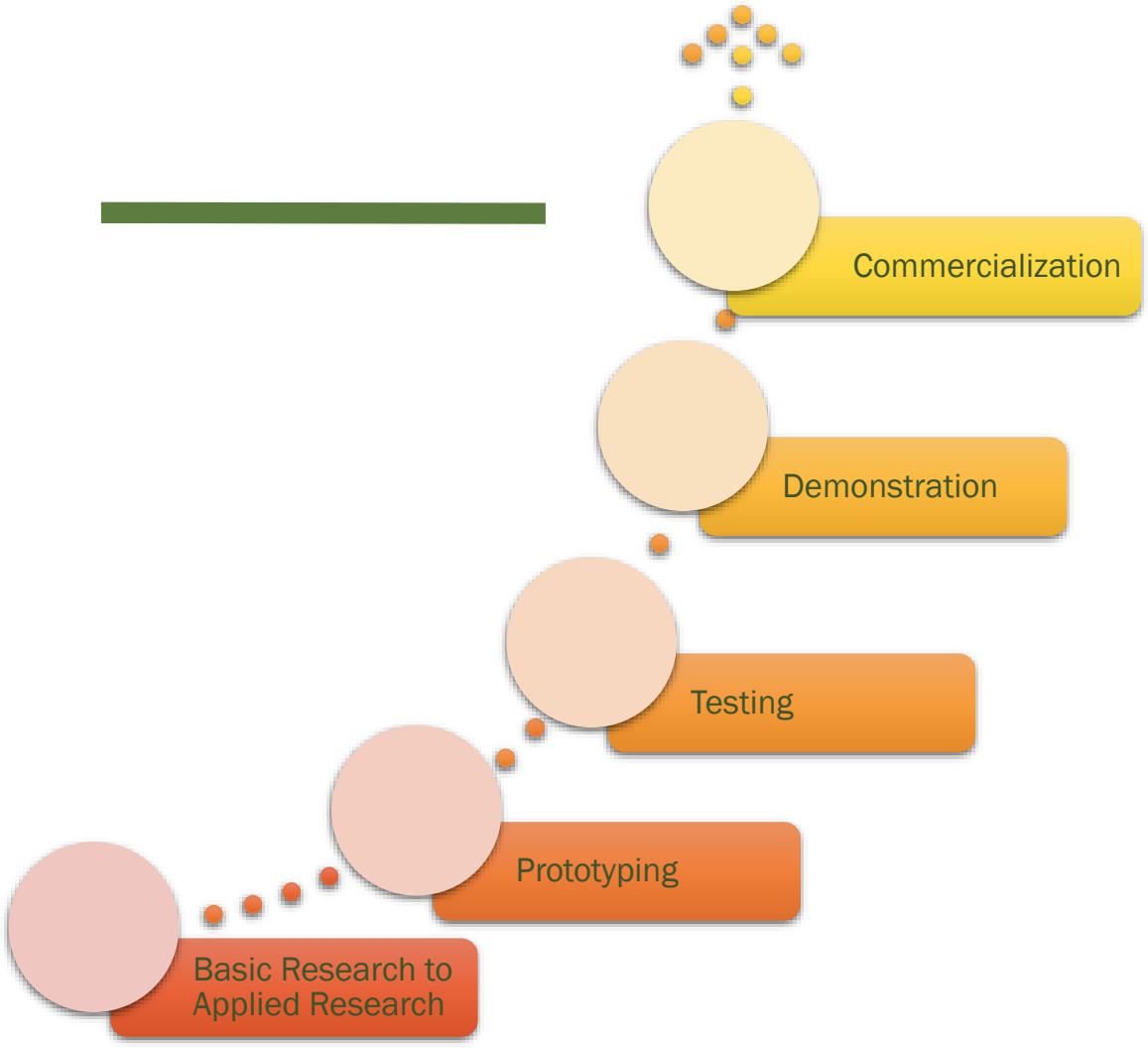
- Matching Grants
- Collaborative Funding Schemes
- Fiscal & Non-Fiscal Incentives for R&D

Objectives:

- Reduce innovation risks
- Mobilize private investment
- Strengthen the innovation ecosystem

Creating an Enabling Environment For Innovation

Support the Entire Innovation Pathway



Bridging The “Valley of Death“ Remains a Critical Challenge

Collaboration Enhances Excellence and Impact

International Collaboration:

- Access to global expertise
- Knowledge exchange
- Technology transfer

Intermediary Institutions:

- Technology transfer offices
- Innovation hubs
- Incubators centers

Key Lessons



Closing Message

Funding Should Serve as a Strategic Bridge Connecting Researchers, Government, Industry, and International Partners to Transform Knowledge into Socioeconomic Value

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Thank you

Directorate of Research and Innovation Funding

Deputy for Facilitation of Research and Innovation

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