Principles of R&D Policy: An International Perspective

 Çağatay Telli
 Advisor to the President (TUBİTAK)
 Senior Economist (Ministry of Development)
China and India are moving into the core!
RnD ecosystem includes and integrates many players: Industry, government, universities and researchers.
Country level data highlights the strong tendency for demand driven strategies.

- % 60 GERD to Engineering
- % 50 GERD to Agriculture
- % 40 GERD to Natural Sciences
- % 40 GERD to Engineering
- % 21 GERD to Humanities
- % 40 GERD to Medical
RnD policy for what and how?

1. Develop international linkages and collaboration networks.

2. Encourage private sector participation into the system.

3. Develop focusing strategies via demand pull RnD.

4. High level steering and policy structures. Have a clear vision and policy.

Informal networks

- New governance models for existing structures.
- More diversified funding schemes and smart taxing.
- Do not forget service sectors!

Formal networks and structures

- National programs.