



# Science, Technology and Innovation Plans and Actions

# **Finep - Inovação e Pesquisa**

**(Finep – Innovation and Research)**

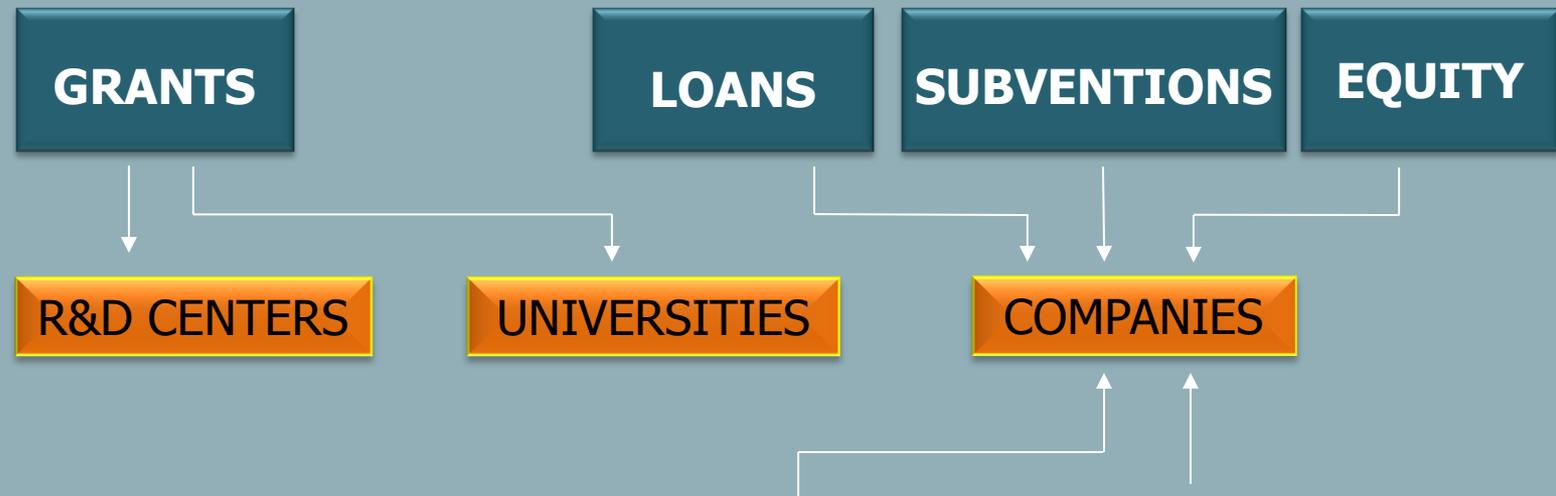
- **Financial Agency dedicated to foster Technology and Innovation:**
- **Instruments: credit + economic subvention + investment in tech-funds (seed & venture K) + grants to Research Institutes and Universities**
- **Clients: Companies, Universities, Science and Technology Institutes and R&D Centers**

# Finep Inovação e Pesquisa

(Finep – Innovation and Research)

2003: US\$ 150 mi / 2011: US\$ 3 bi / 2013: Budget, US\$ 8 bi

## 1. FINANCIAL SUPPORT

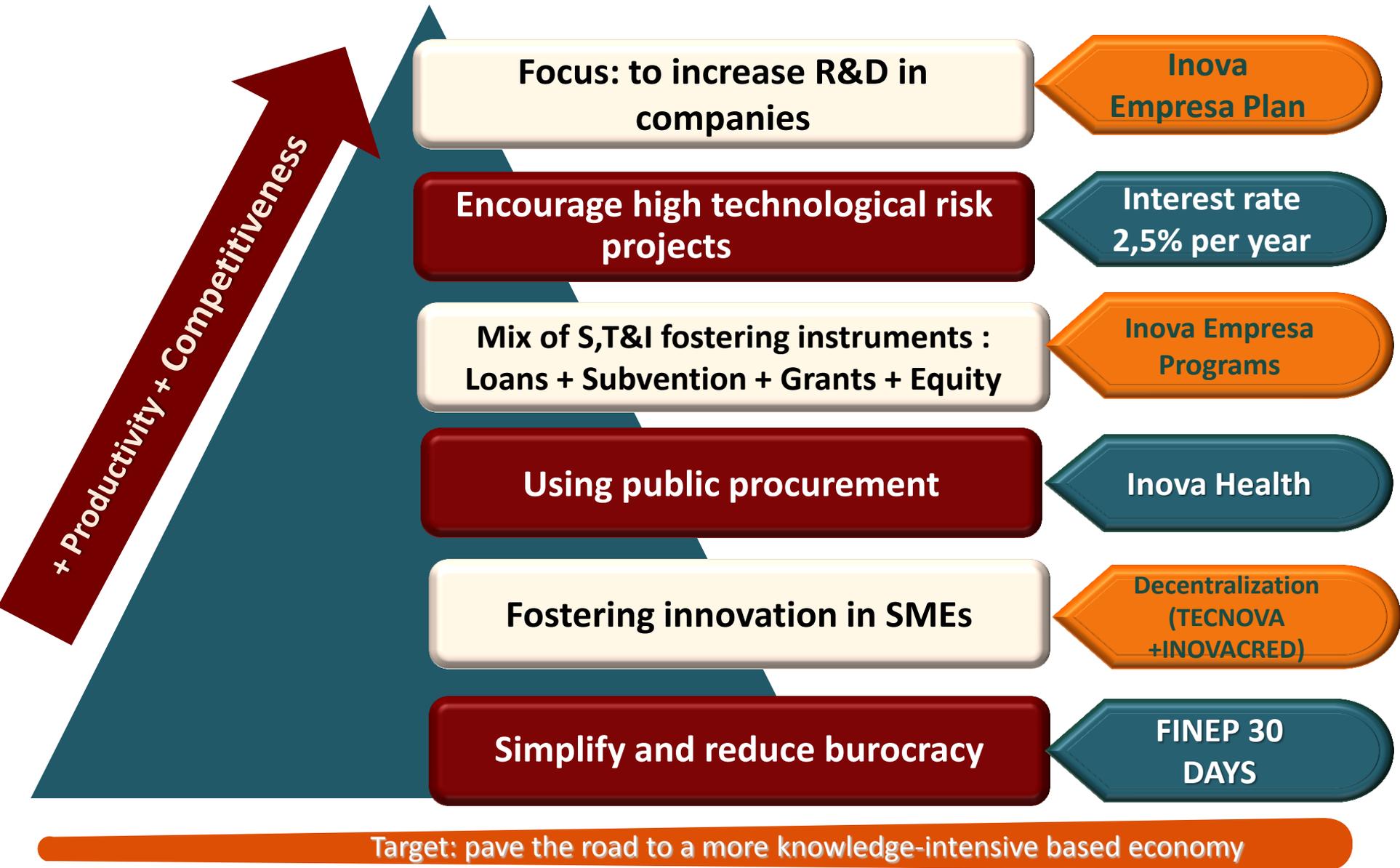


## 2. NON-FINANCIAL SUPPORT

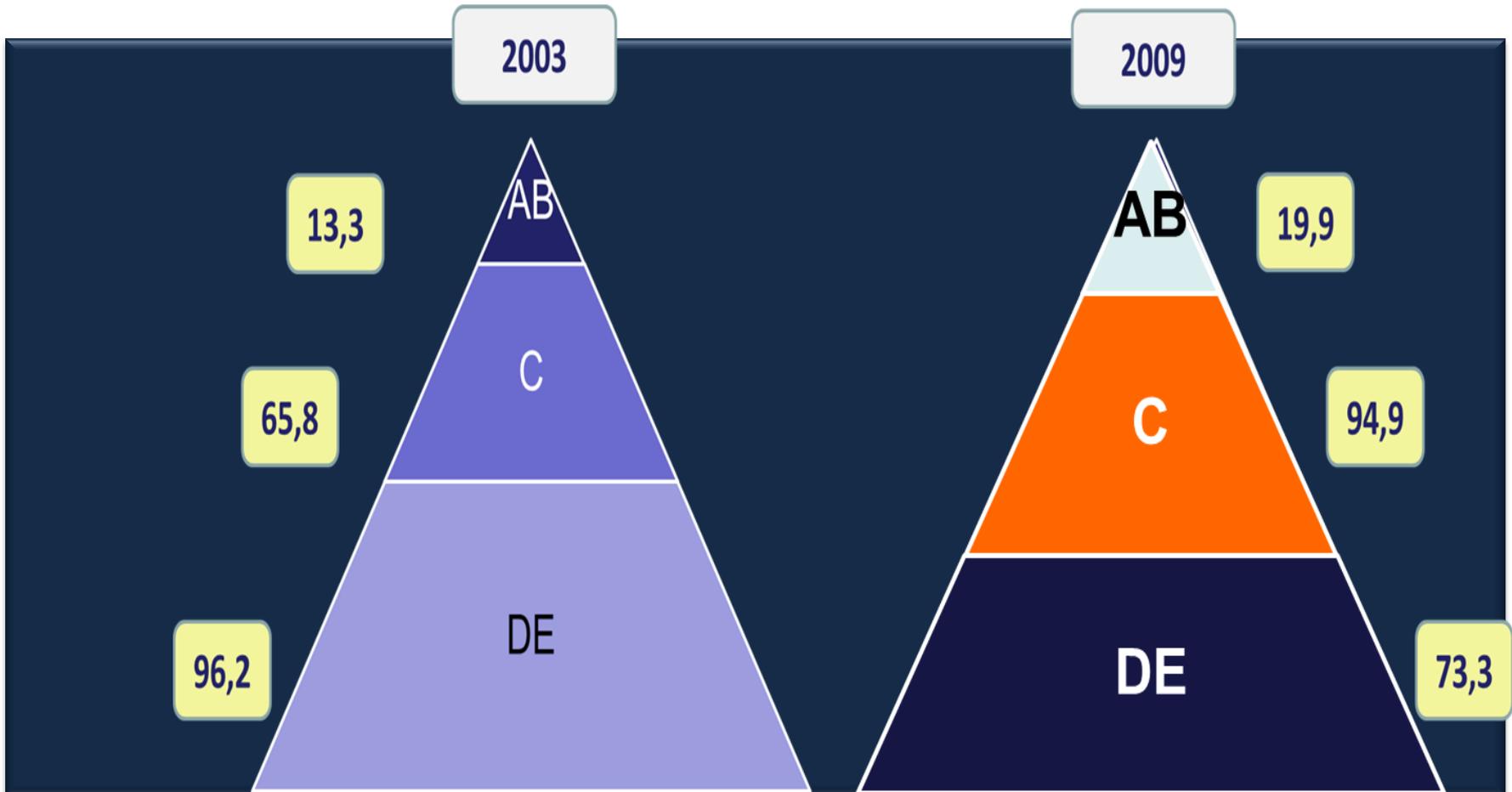


Target: pave the road to a more knowledge-intensive based economy

# Measures for Fostering Innovation :Inova Empresa Plan



# New and Old Social Pyramid (in million)

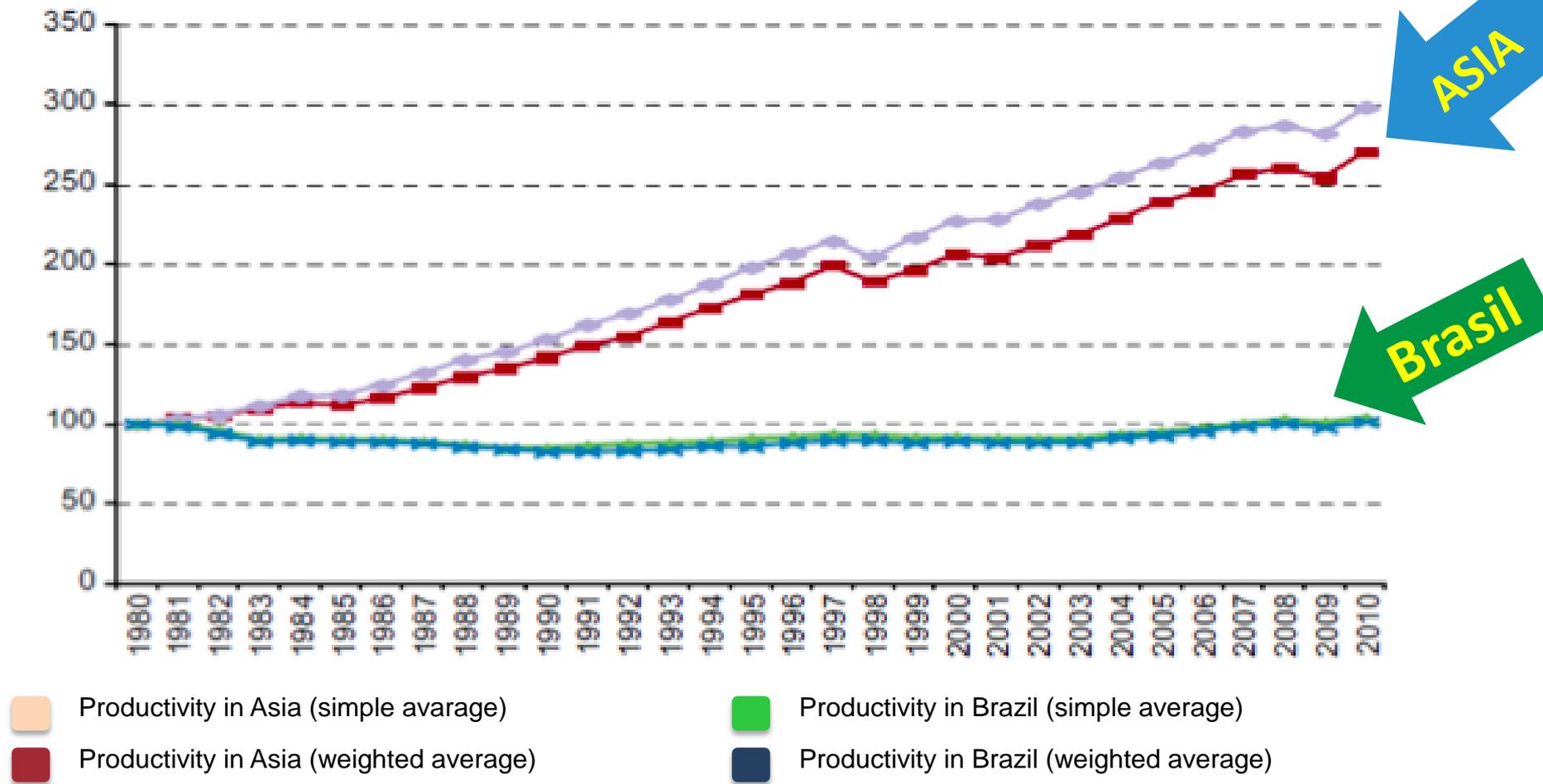


**Brazil has raised 40 million people out of poverty**

Target: pave the road to a more knowledge-intensive based economy

# Low productivity rates: main challenge for Brazil

CRESCIMENTO DA PRODUTIVIDADE, 1980-2010



Target: pave the road to a more knowledge-intensive based economy

# National Strategy for S&T&I – Inova Empresa

## Government Priorities

**Inova Energy**

**Inova Agro**

**Inova Petro**

**Inova Defense & Space**

**Inova Ethanol**

**Inova Sustainability**

**Inova Health**

**Inova Telecom**

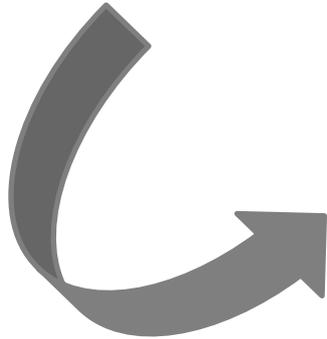
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# High demand with quality projects

**Inova Empresa Plan**  
**\$15 billion**

2013/2014

**Credit – 9.5 bi**  
**Subvention – 0.54 bi**  
**Grants – 1.9 bi**  
**Equity – 1.0 bi**



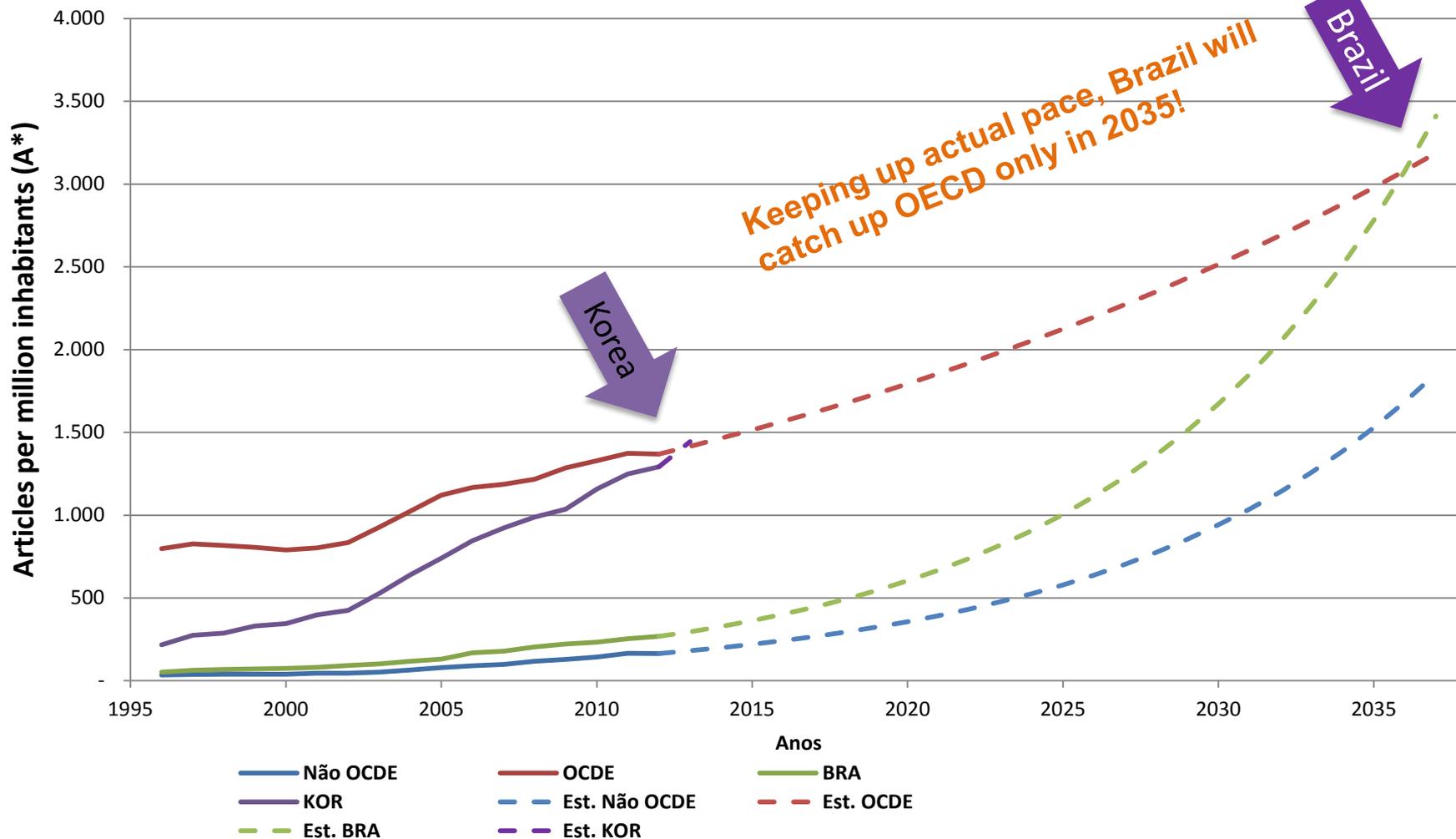
**Demand**  
**\$40 billion**

- **2.667 companies**
- **223 research centers**

Target: pave the road to a more knowledge-intensive based economy

# Comparative Science Indicators

## Projection: Articles per million inhabitants



Target: pave the road to a more knowledge-intensive based economy

# Next Step – Big Program for Science Fostering

## 10 years

### Platforms

will be evaluated on the basis of their results, the generation of knowledge and the relevance of the products and process developed for Science and to Brazilian economy and society.

**Connecting intelligence with scientific and technological leadership to ensuring better management and cooperation**

**Gathering the best professionals and attracting brains**

**Ensuring adequate funding and enabling the development of frontier research for 10 years**

**Building institucional structure to set public-private partnership**

**Systematic assessment of goals**

**Special regime for procurement and employment of persons**

Target: pave the road to a more knowledge-intensive based economy

# Benchmark

## International experiences Brazil PNP (National Knowledge Plataforms Program) gets inspiration



EUA – 45 Innovation Hubs



Europa – 40 Tech Platforms



China – 16 tech Big Projects



中节能(嘉兴)环保科技园发展有限公司  
CECEP(Jiaxing)Environmental Protection Technology Development Co.,Ltd

Target: pave the road to a more knowledge-intensive based economy

# Priorities and Resources

## Resources

US\$ **11**

billion

in 10 years

**20**

Platforms of  
ST&I



**Agriculture**



**Health**



**Energy**



**Aerospace**



**Advanced  
manufacturing**



**ITs**



**Ocean**



**Amazon**

Target: pave the road to a more knowledge-intensive based economy

# Conclusions (maybe?):

## S,T&I Policies seemly well solved

- Entrepreneurialship innovation support established
- Science Fostering on the way

## Challenges not yet solved

- S,T&I Policies and Social Development Policies mutual linkage and engagement
- Support leaned to Enterprises Internationalization
- Stability of resources

# Thank you!

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