



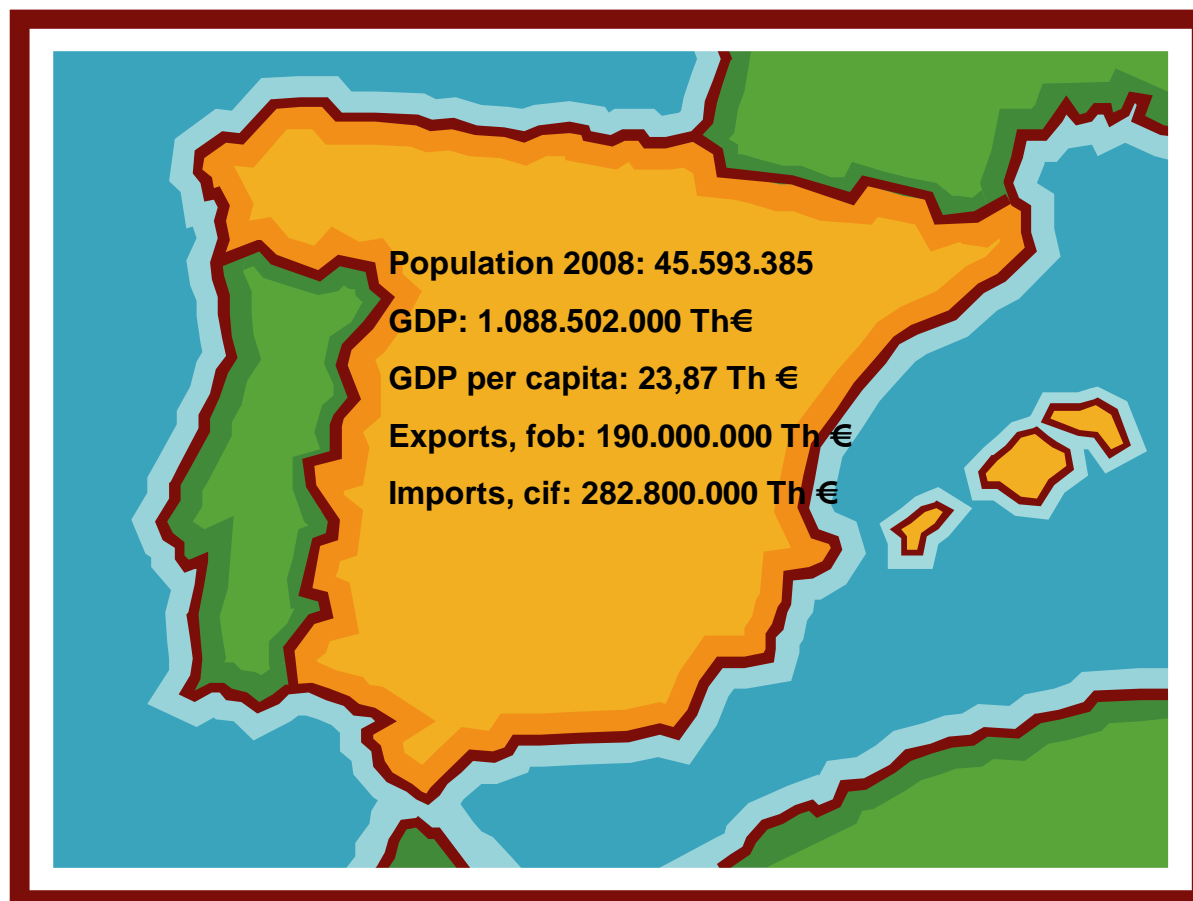
MINISTERIO  
DE CIENCIA  
E INNOVACIÓN

# SPANISH INNOVATION STRATEGY

e2i

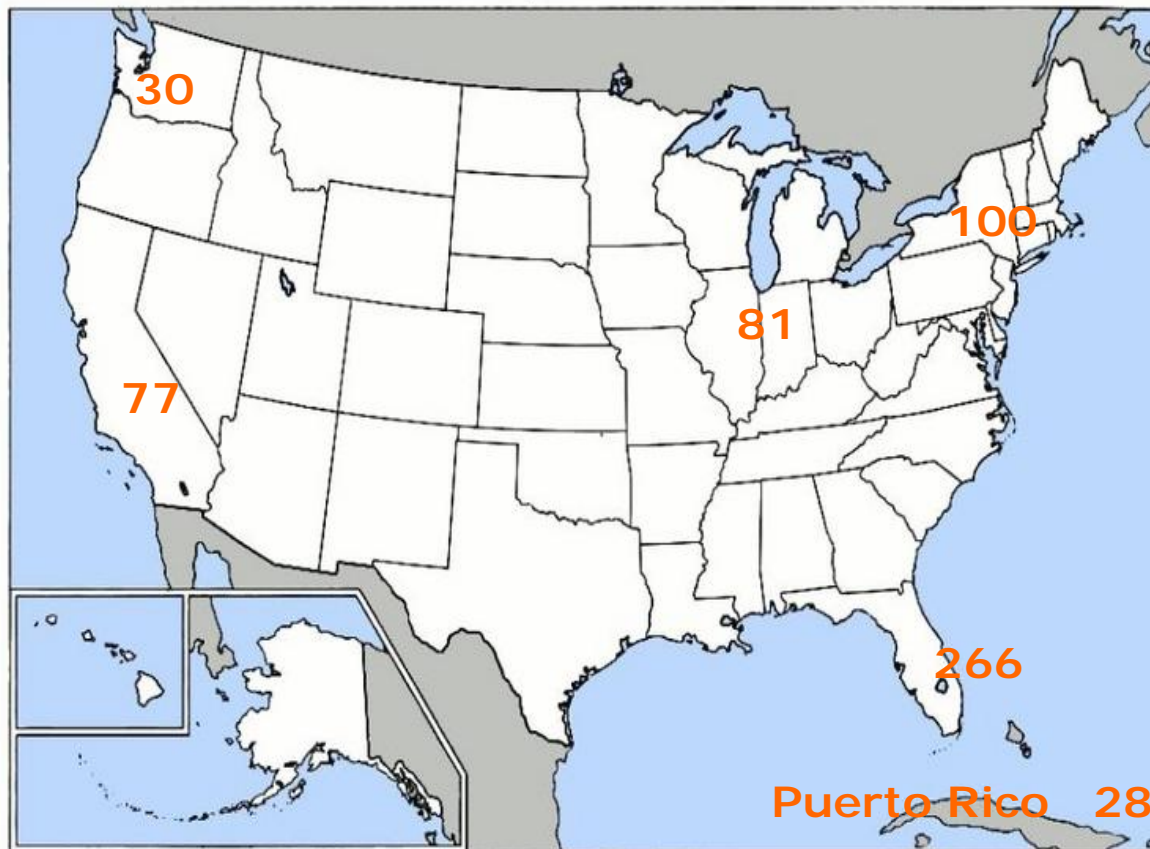
*National Academy of Science  
April 2010*

# Spain Macroeconomics



Source: INE, MEH

## Spain in the US



600 Spanish Companies in the US

### BUSINESS OPPORTUNITIES:

- Construction
- Financial Services
- Renewable Energies
- High Speed Train
- Environment
- Hotels



## INDEX

# I à DIAGNOSTICS OF THE STATE OF HEALTH OF THE SPANISH ECONOMY AND SOCIETY

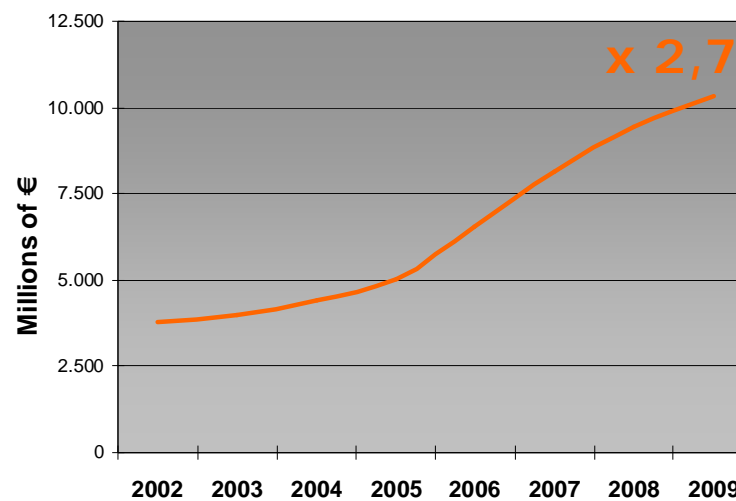
## II à Objectives for improvement

## III à Action plan: the National Strategy for Innovation e2i

## IV à Conclusions



## Diagnostics of the state of health of the Spanish economy and society



National Budget in R&D (Spending Prog. 46)

(\*) Including Plan E for R&D.  
Source: MEH (PPGGEE 2002-2009)



International Publications
% Over World Scientific Production
National Patents Request
European Patents Request
SII (Summary Innovation Index)



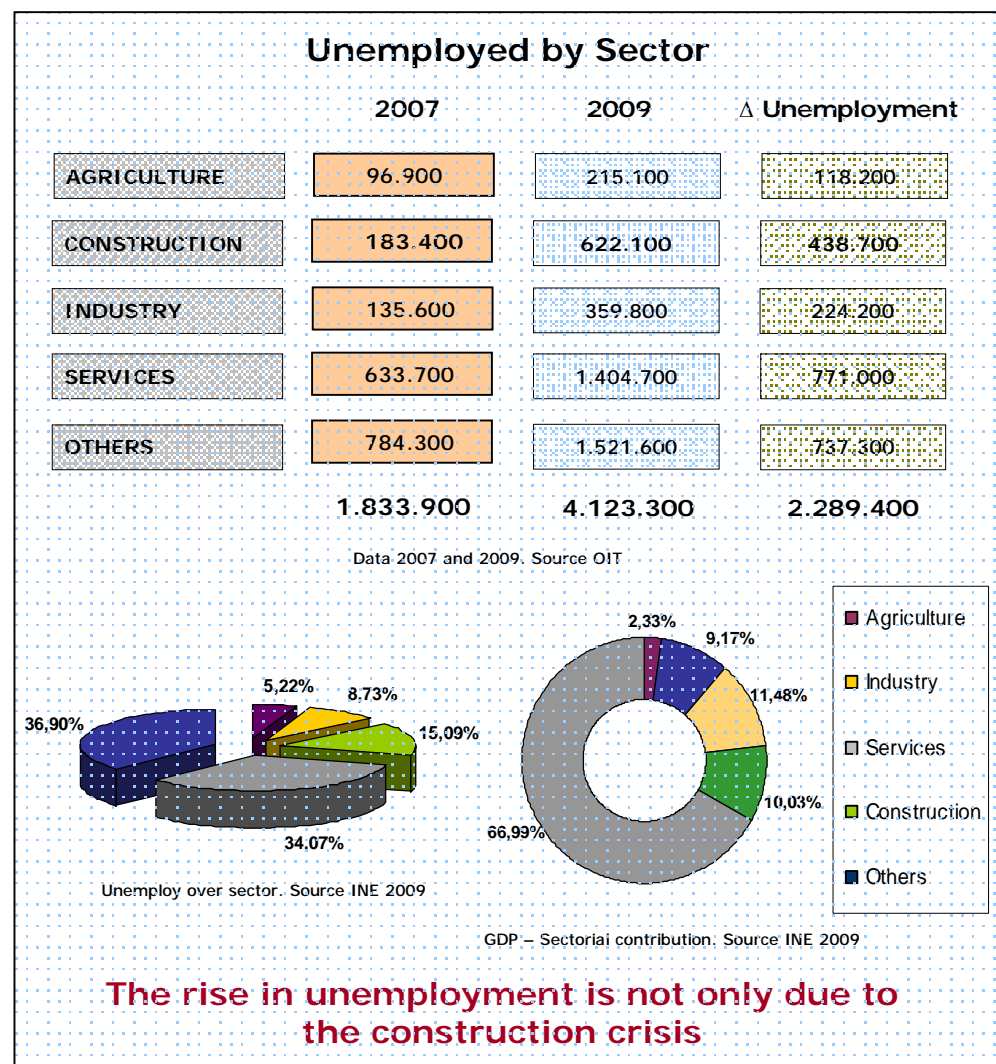
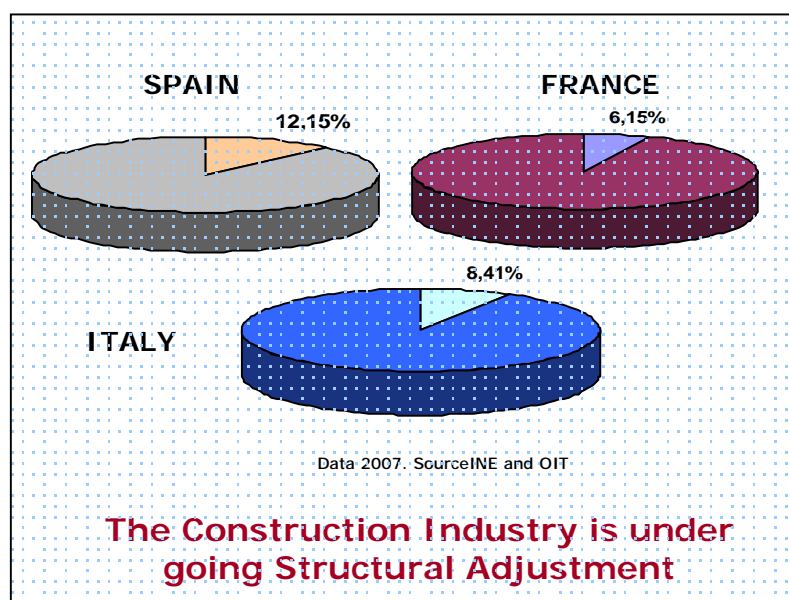
43.000 Publications  
3,2% World Science



3.800 Patents  
80% increase in european patents

Source: COTEC 2009 (SciSearch, Thomson ISI), OEPM, EIS 2008

## Diagnostics of the state of health of the Spanish economy and society



## Diagnostics of the state of health of the Spanish economy and society

- ü R&D as a % of GDP: 1,35%
- ü Population 25-64 years old with Higher Education: 29%
- ü Total Population with Primary Studies (or less): 32%

Source: INE y Eurostat

INPUTS

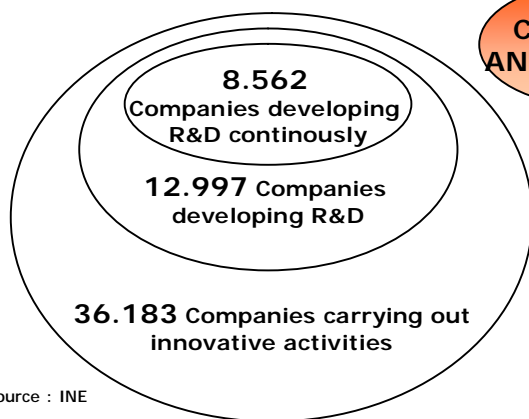
SPAIN  
16th UE27  
EIS 2008

COMPANY  
AND CONTENT

OUTPUTS

Source : Eurostat

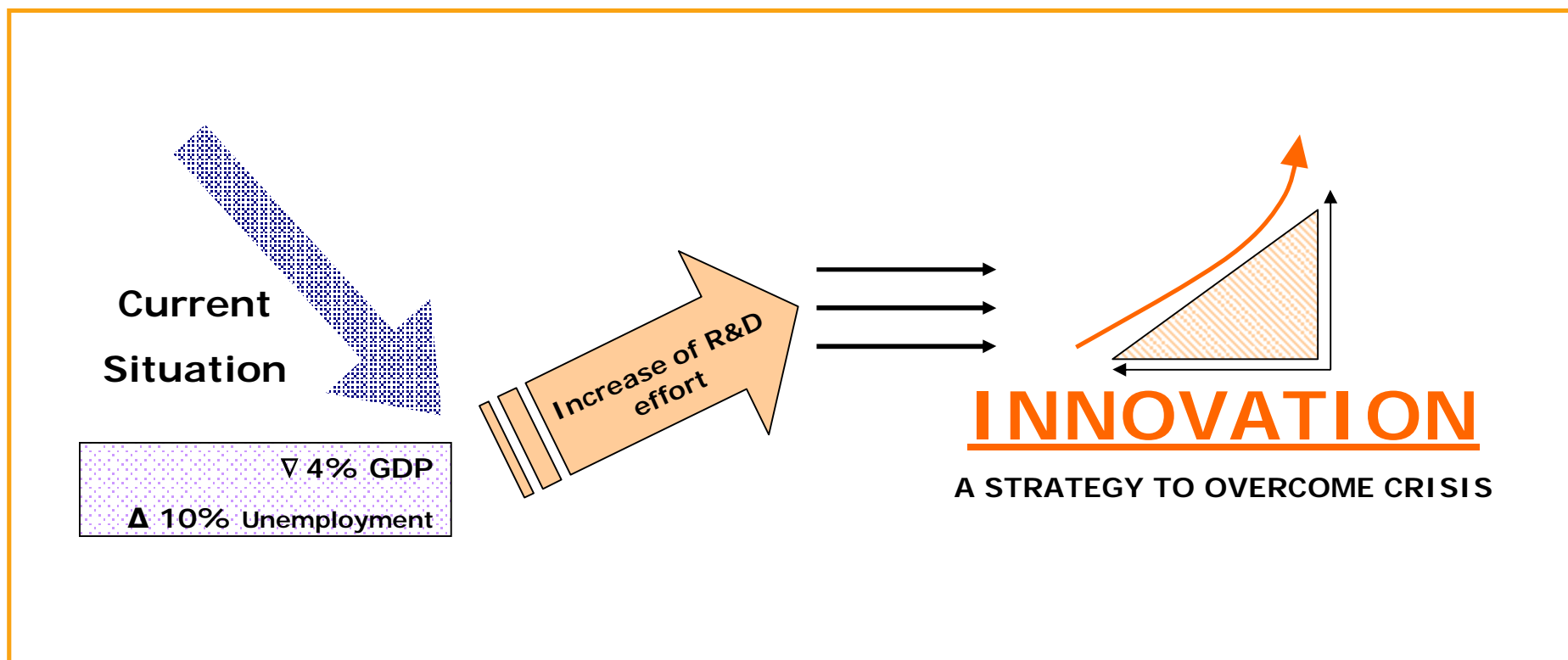
- ü Employment in medium/high technology industry over Total Employment: 4,47% (UE27 average = 6,69%)
- ü Employment in knowledge intensive services over Total Employment: 14,22% (UE27 average = 14,51%)
- ü EPO Patents per million inhabitants: 29,3 (UE27 average = 105,7)



Source : INE



## Diagnostics of the state of health of the Spanish economy and society







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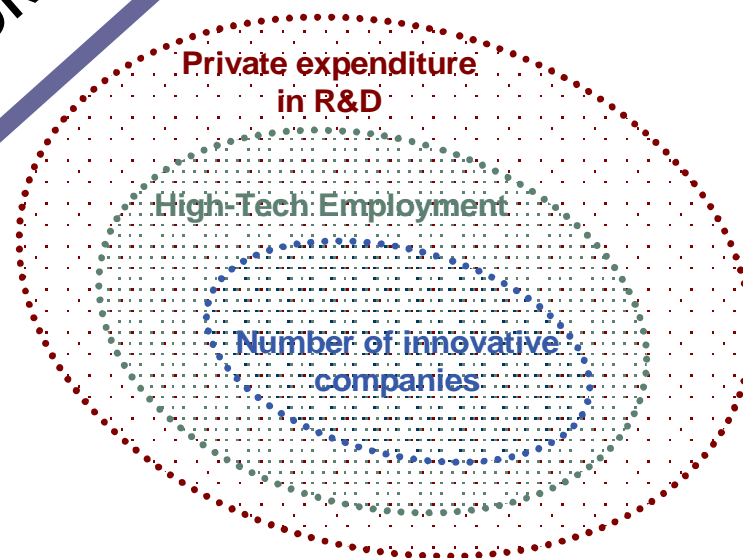
**IV à Conclusions**



## Objectives for improvement

SCIENCE BASED INNOVATION READY FOR  
TAKING OFF

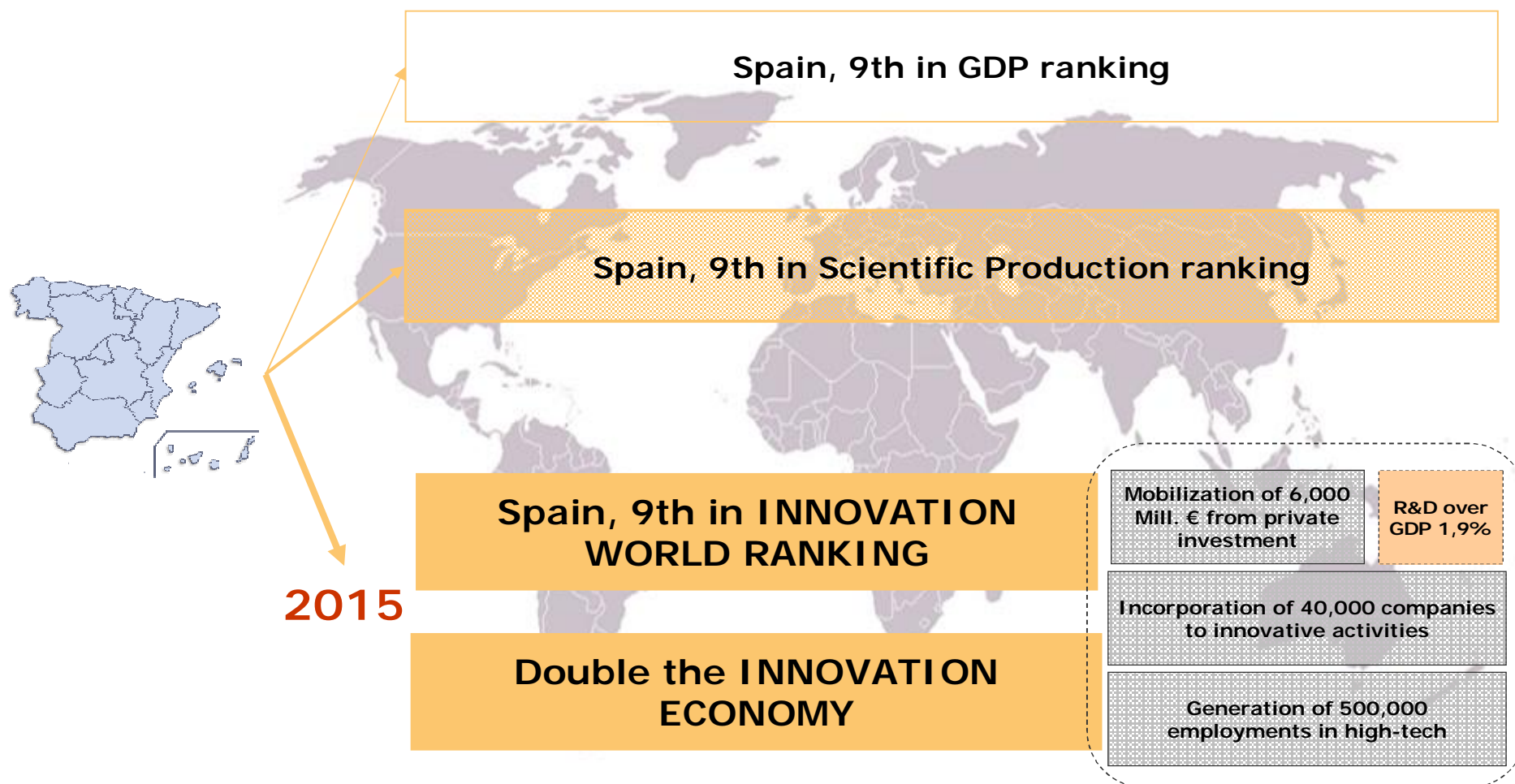
INNOVATION



- SCIENCE ON CRUISE SPEED
- 9th in GDP ranking

TRADITIONAL ECONOMY

## Objectives for improvement





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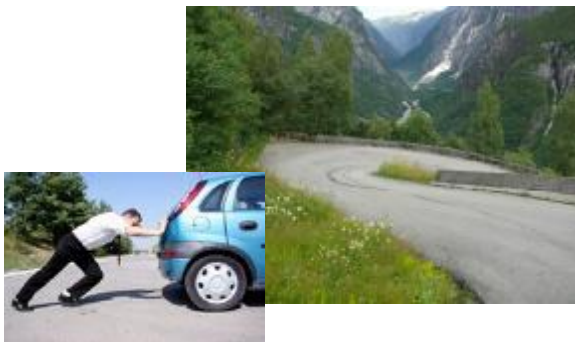
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## Action Plan: The National Strategy for Innovation e2i

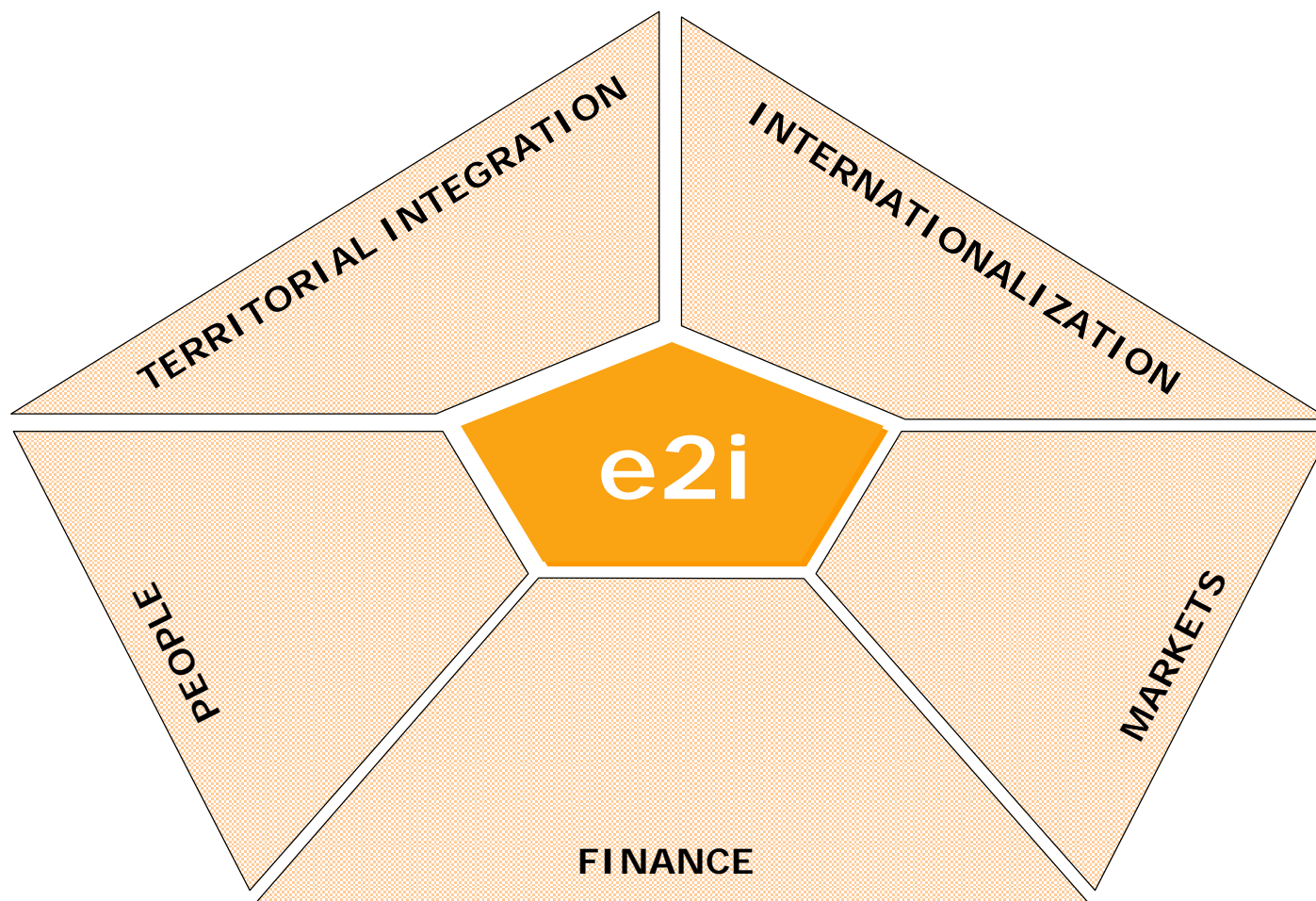


FROM "Project" Focus

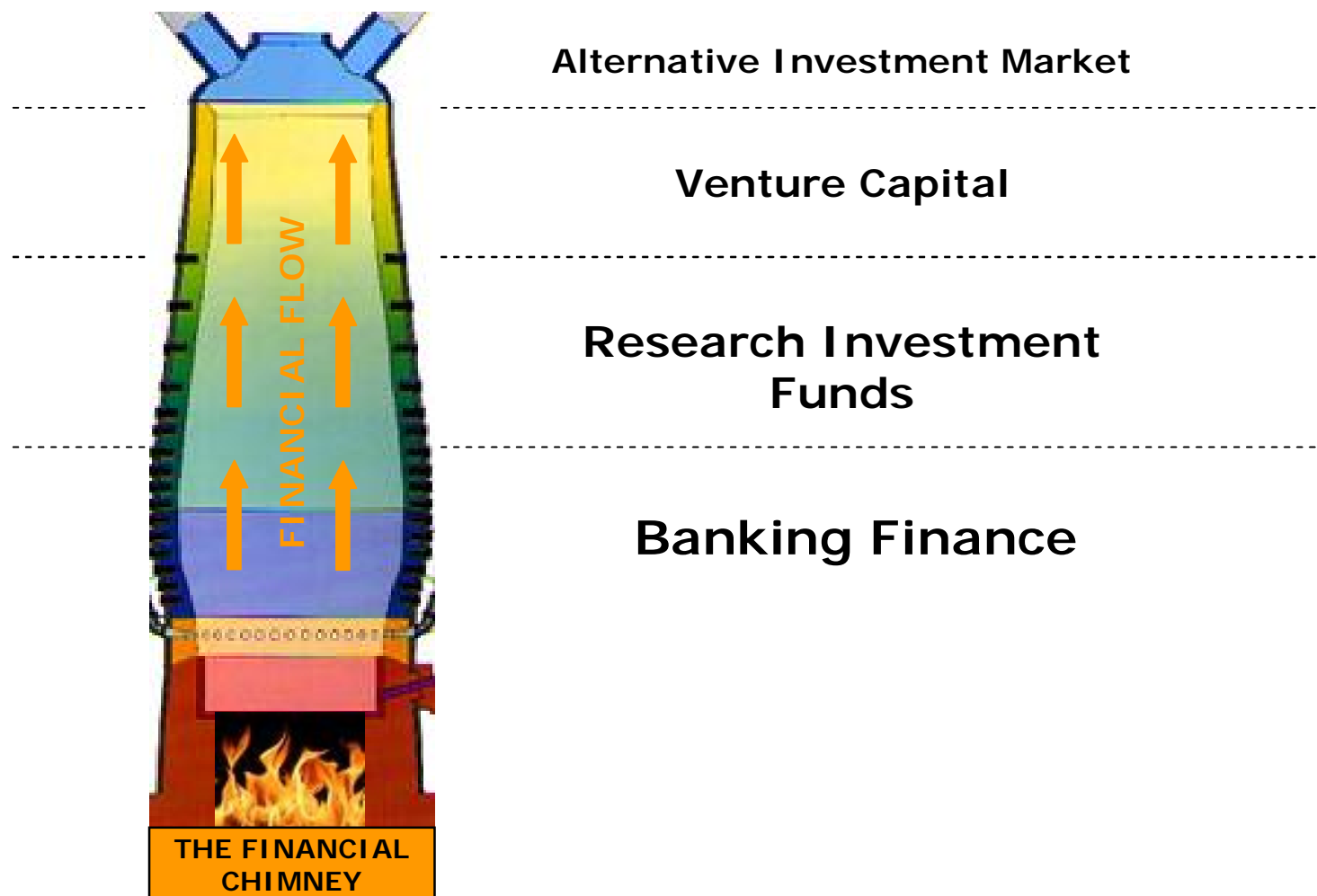
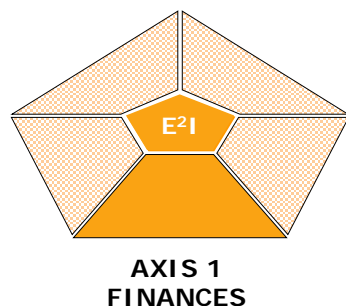
TO

"INFRASTRUCTURE" Focus

## Action Plan: The National Strategy for Innovation e2i

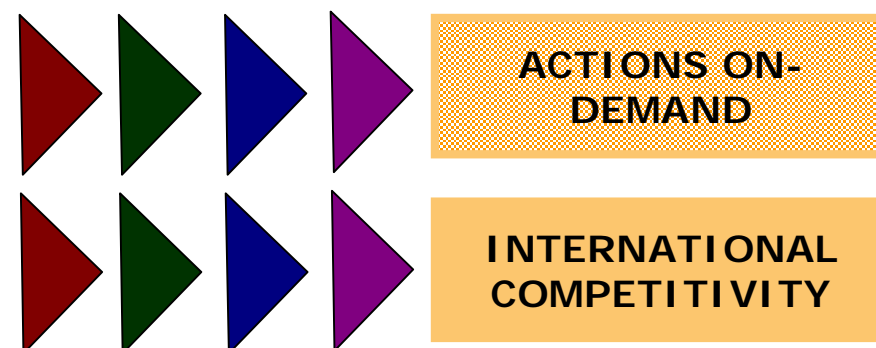
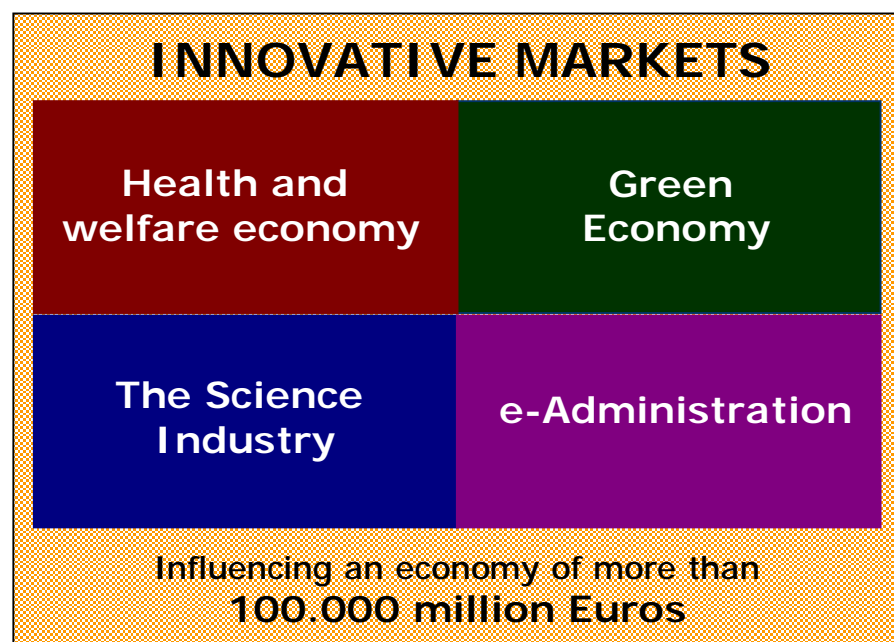
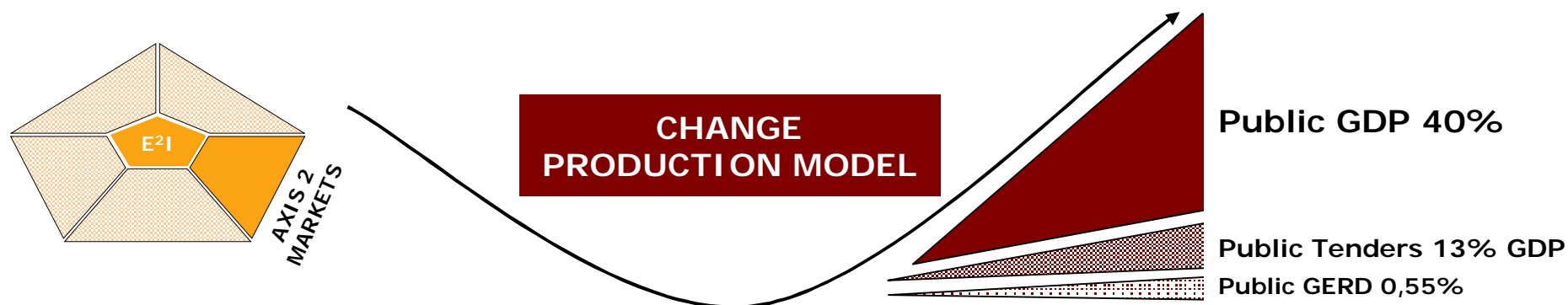


## Action Plan: The National Strategy for Innovation e2i



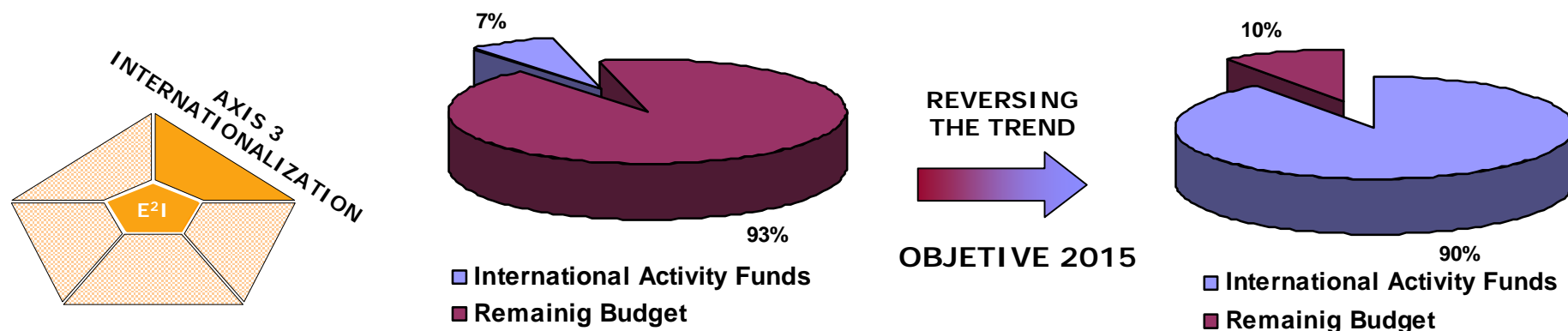


## Action Plan: The National Strategy for Innovation e2i



**Objective = Convergence between social priorities and new markets**

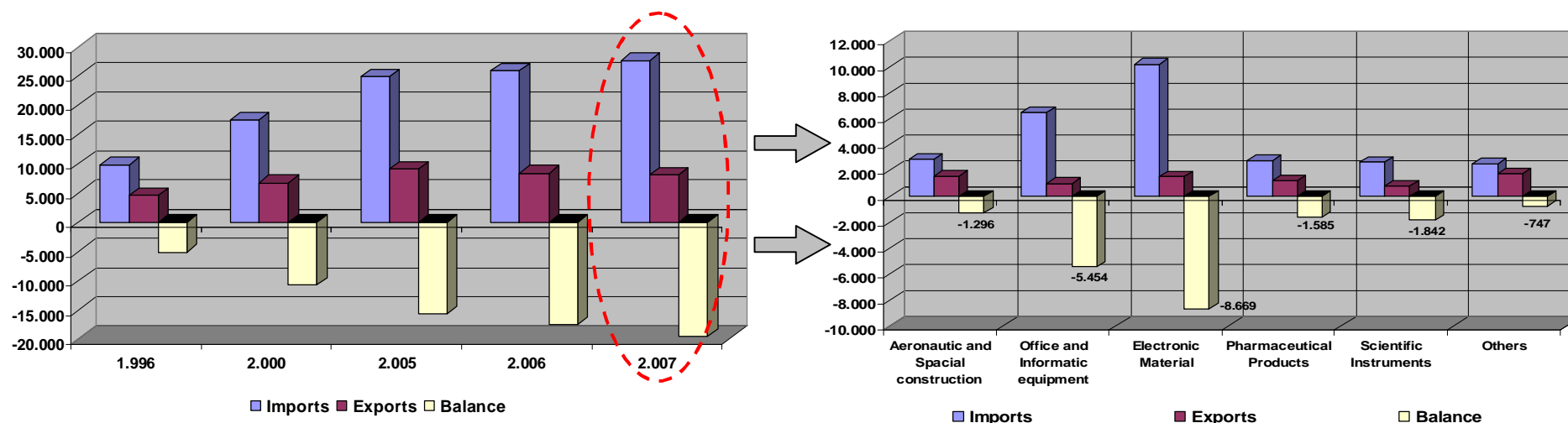
## Action Plan: The National Strategy for Innovation e2i



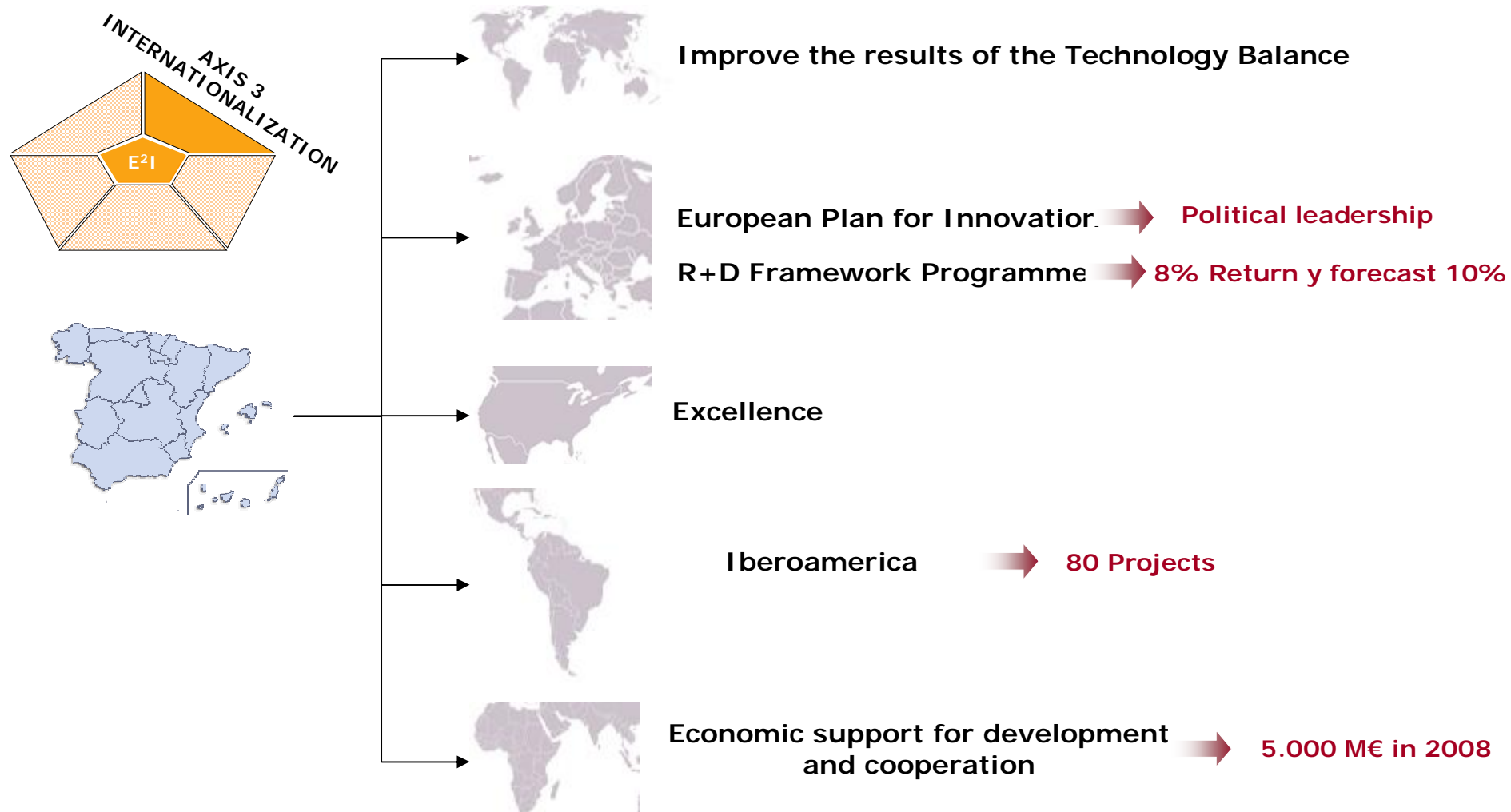
MICINN Budget. Data 2008. Source MICINN

## High Technology Commercial Balance

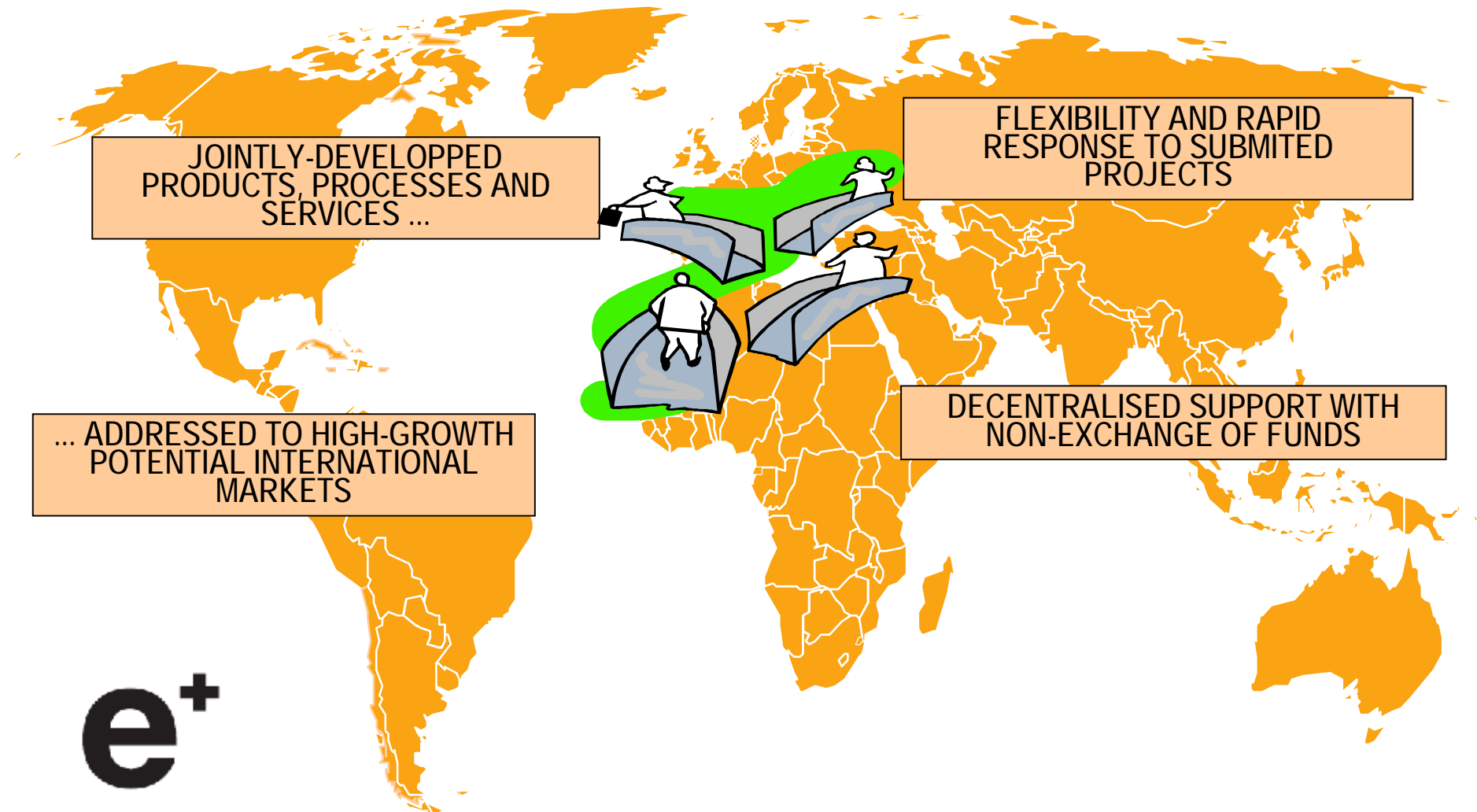
In millions €. Source INE 2007



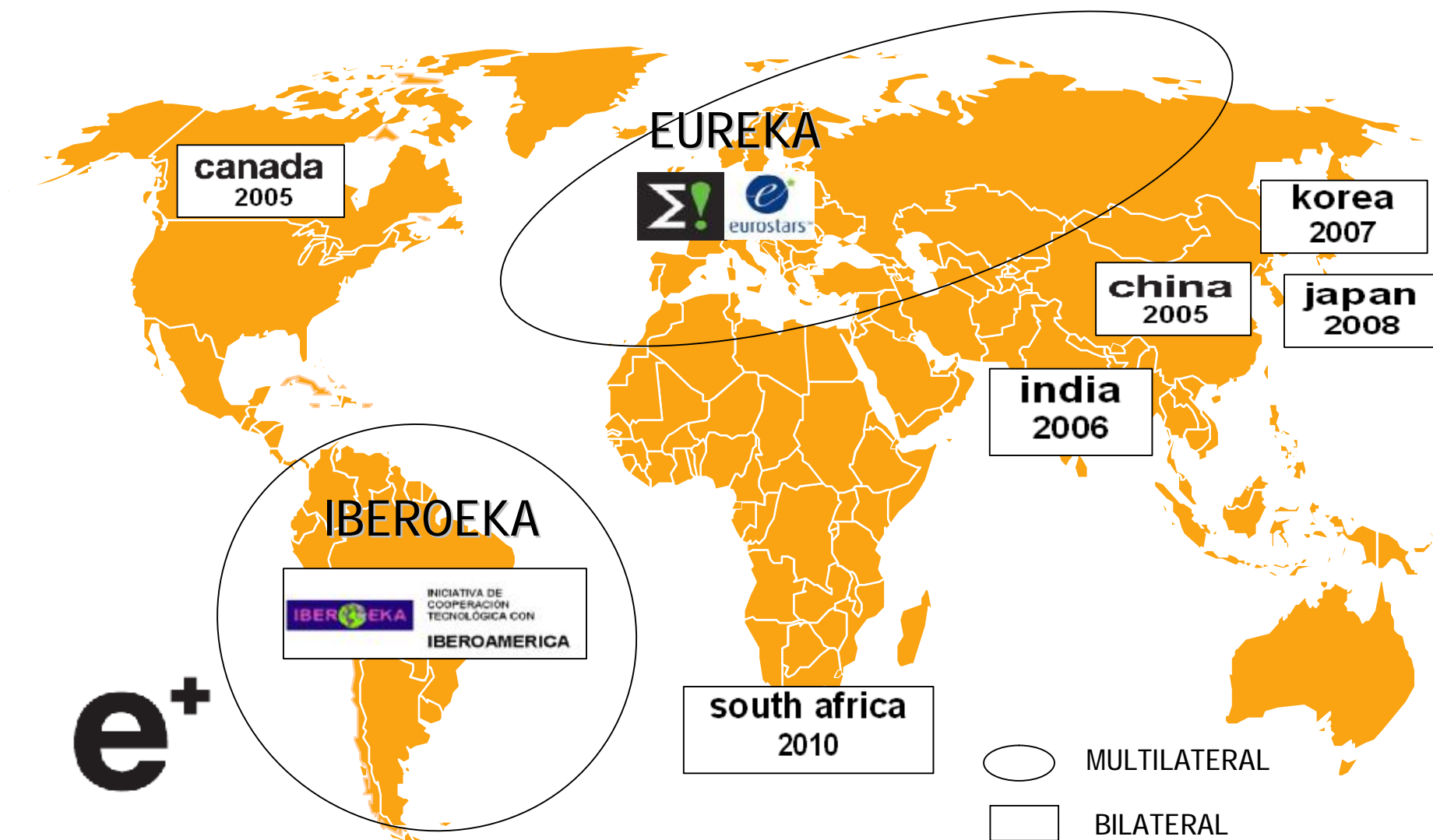
## Action Plan: The National Strategy for Innovation e2i



## CDTI: Multilateral and Bilateral R&D&i Programmes Characteristics

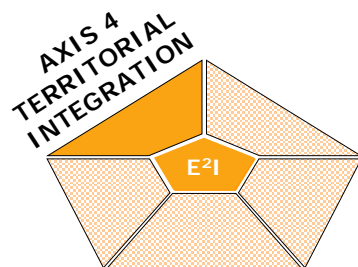


## CDTI: Multilateral and Bilateral R&D&i Programmes Network



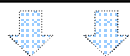


## Action Plan: The National Strategy for Innovation e2i



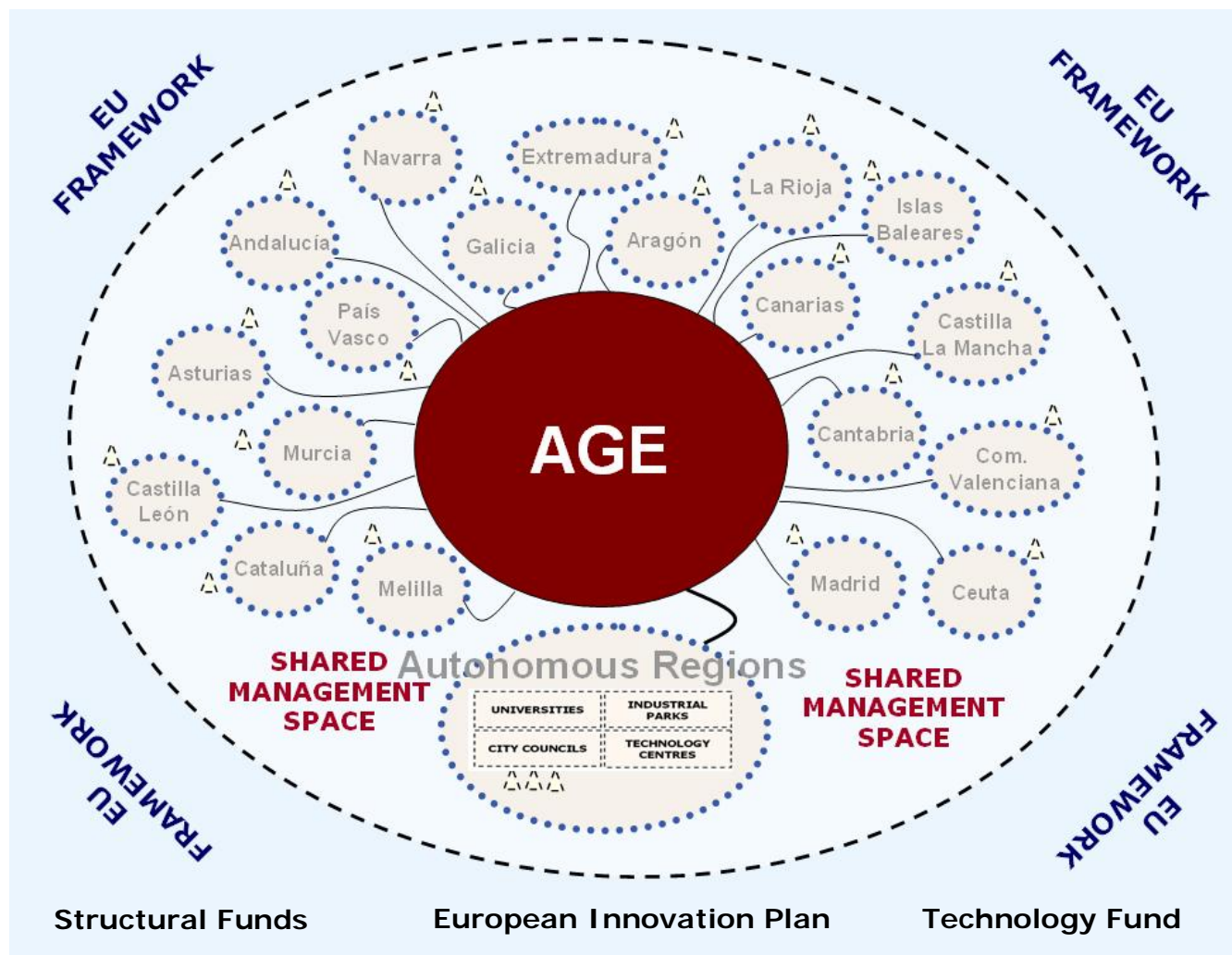
### SHARED SPACE FOR MANAGEMENT

#### OBJECTIVES

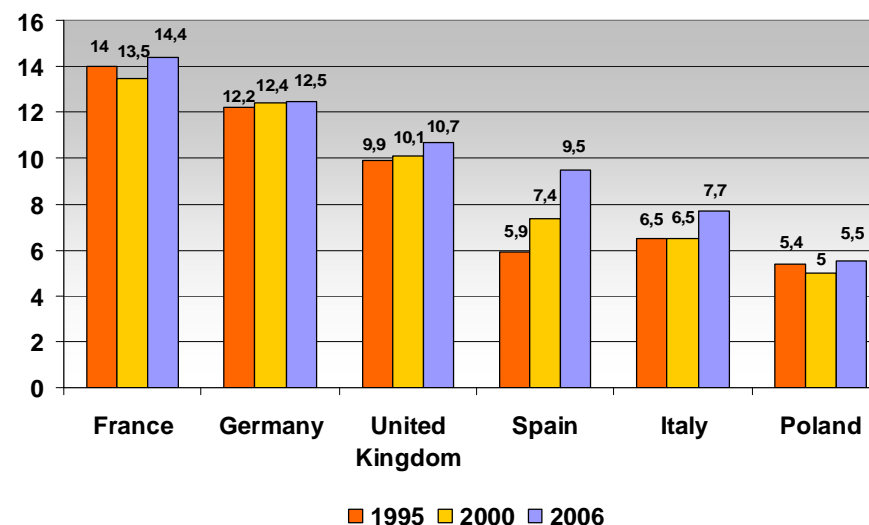
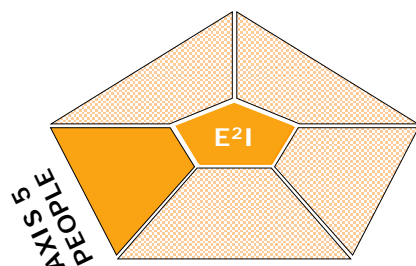


40.000 Businesses

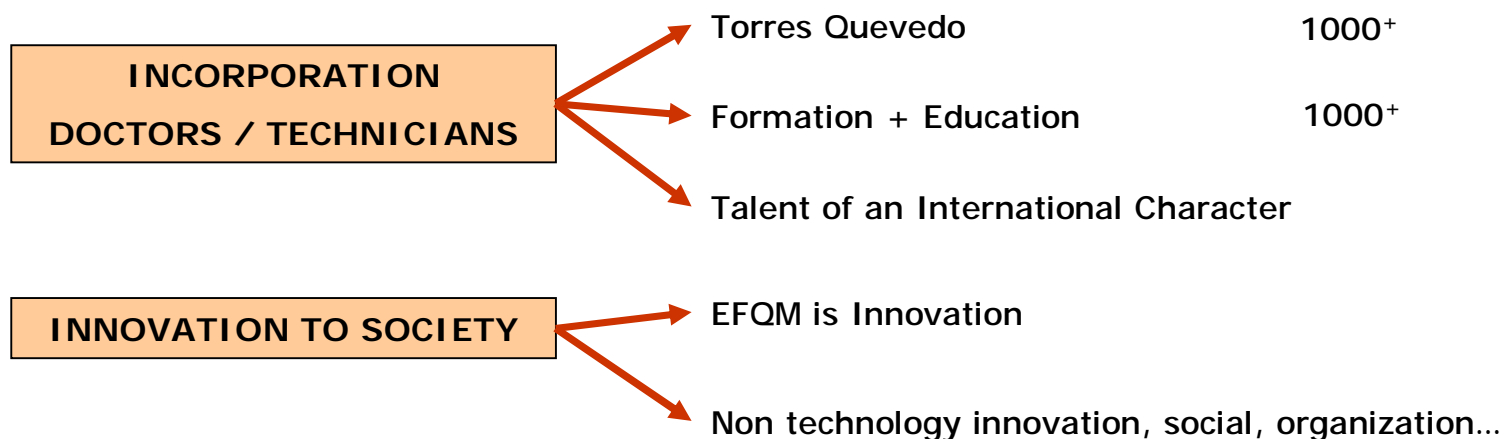
Participation Quota  
of 6.000 Million €



## Action Plan: The National Strategy for Innovation e2i



Number of people employed in R&D activities (per 1.000 employees). Source: COTEC Inform 2009







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## Conclusions

### The success of e2i will allow us to

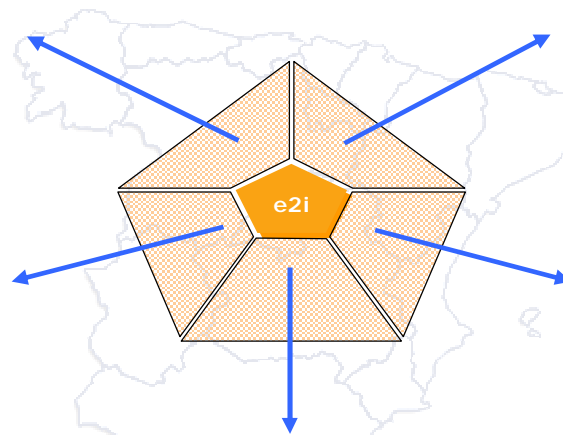
4. Increase the nucleus of innovative companies by 40.000, integrating the country within the concept of innovation

3. Redress the balance of technological payments and reinforced the international competitiveness of our key sectors

5. Convert e2i into a movement made up of those citizens who wish to develop the culture of innovation and change

2. Mobilize the new economy through a perimeter of 100.000 Million € related with the social priorities

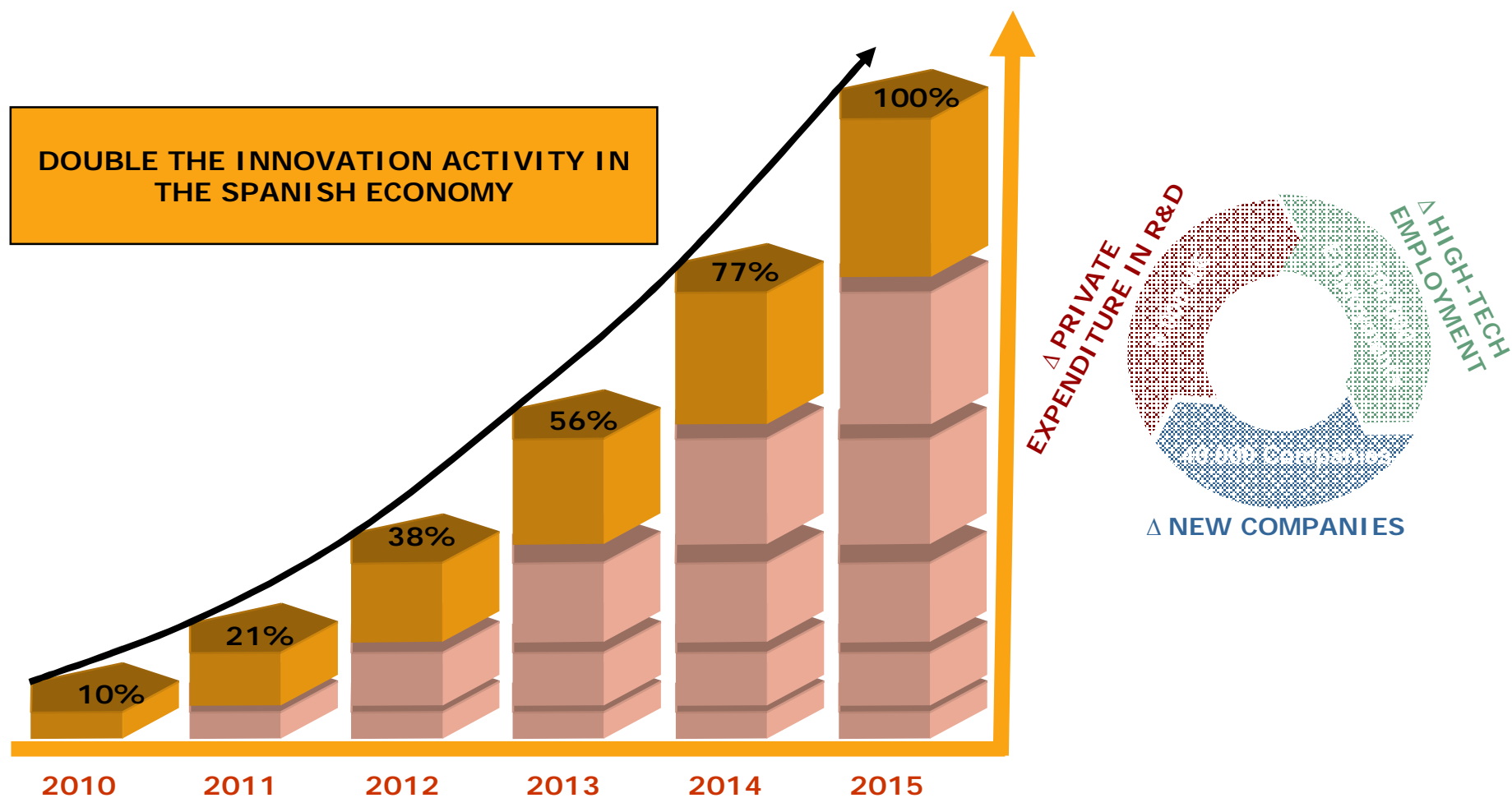
1. Attract an additional 6.000 M€/year for innovation



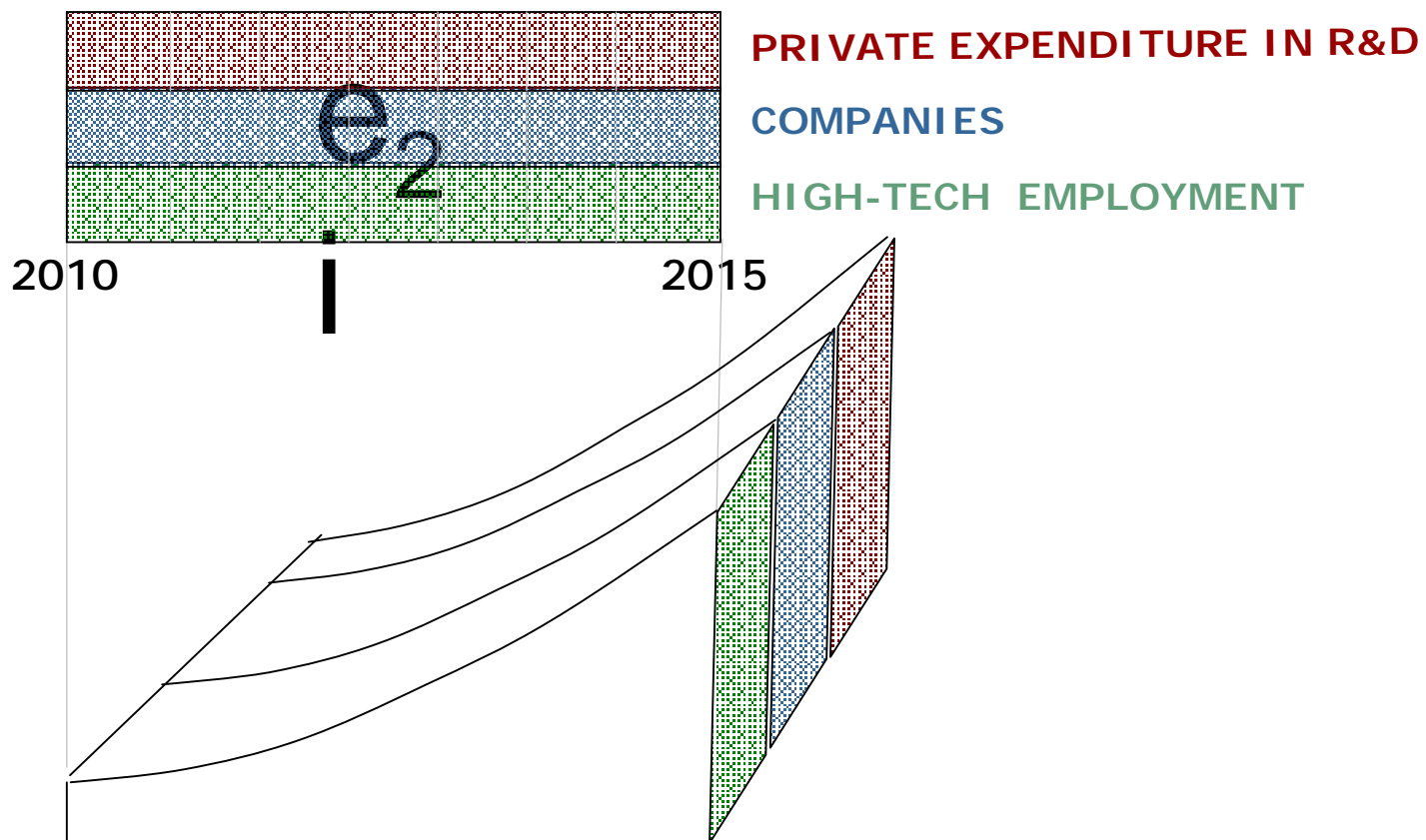
**SPAIN WILL BELONG TO THE G9 OF WORLD INNOVATION IN 2015**

**But this is not only the job of the Government.  
It is everybody's responsibility.**

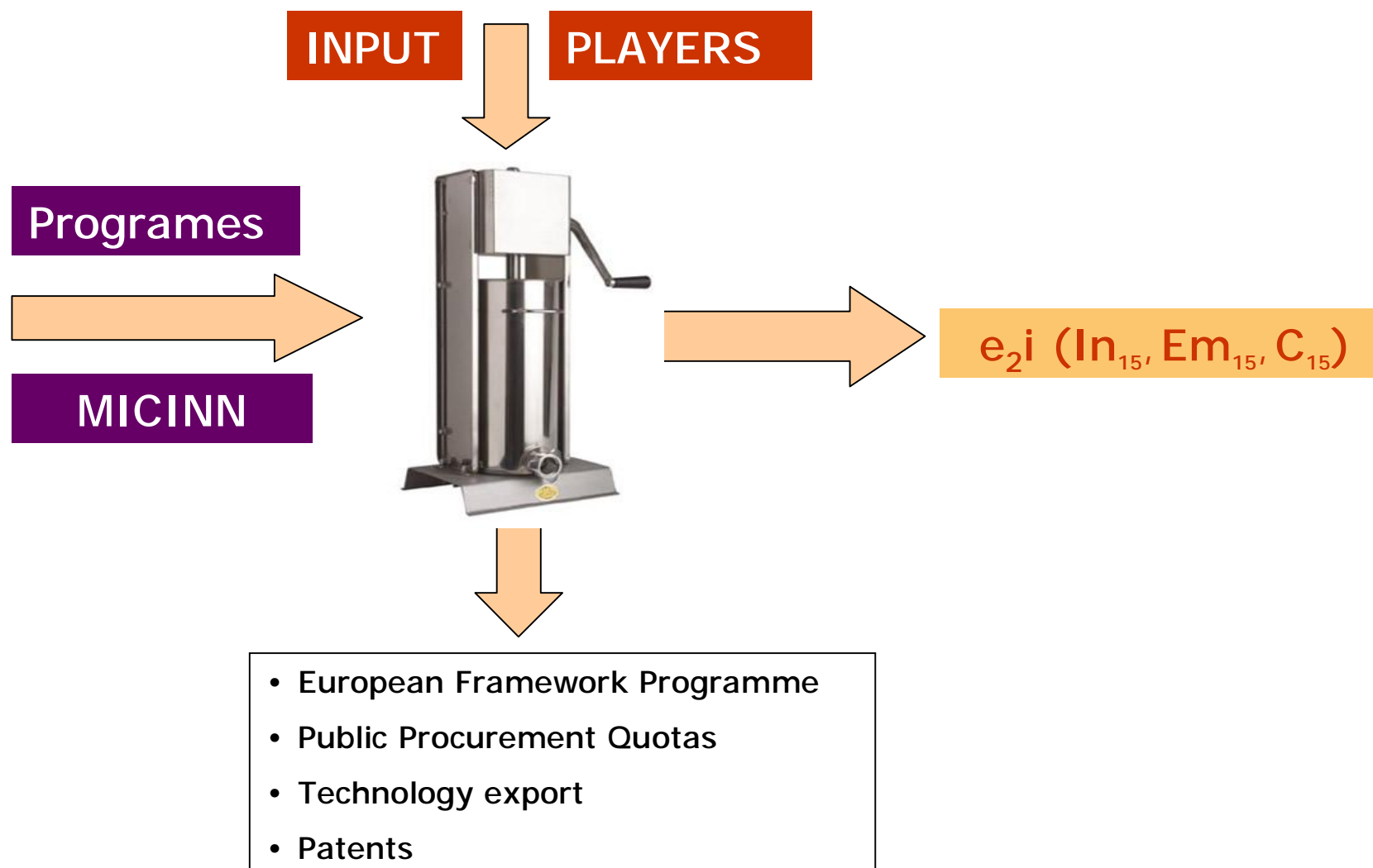
## Roadmap e2i 2010 - 2015



# Action Plan

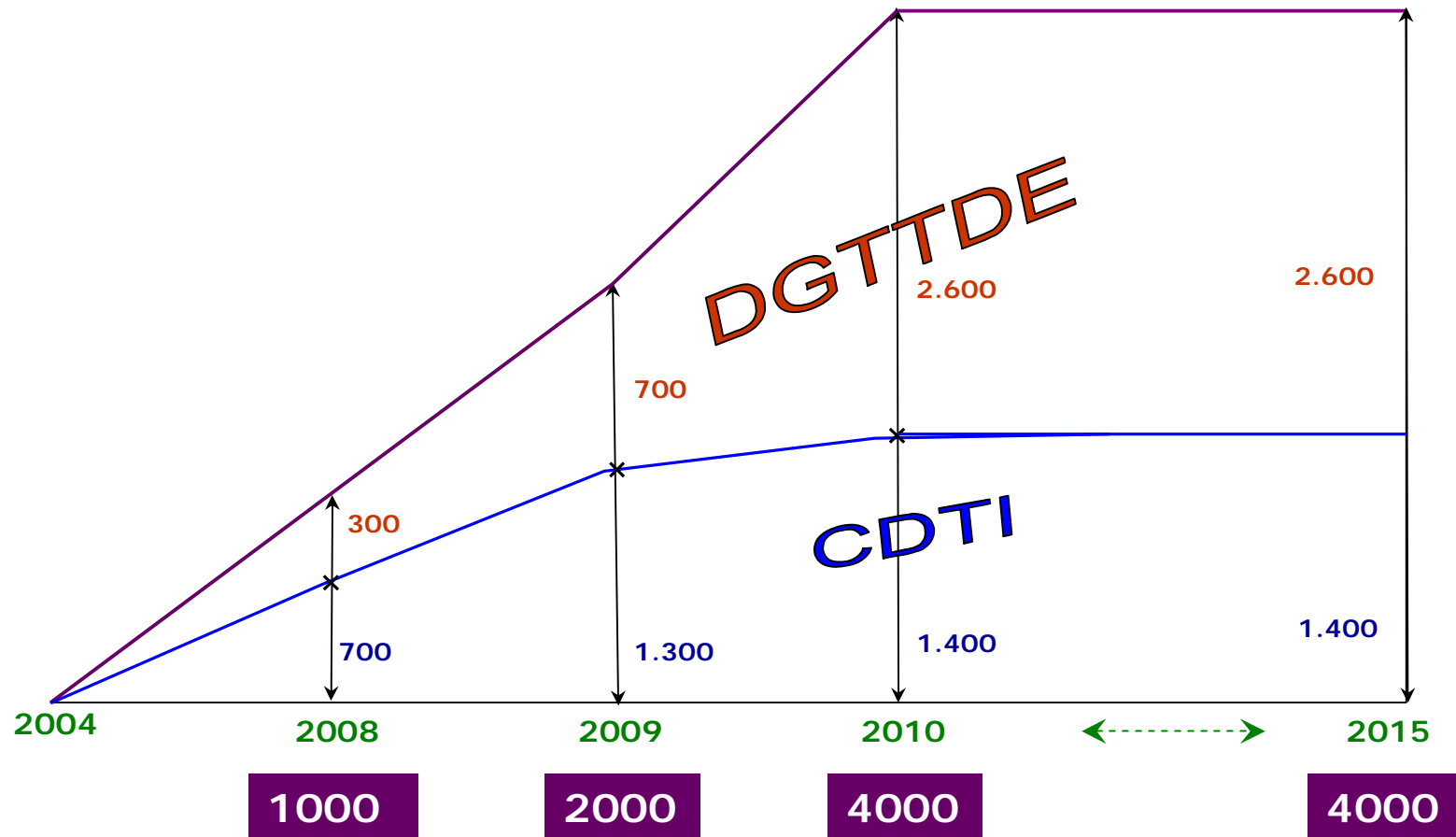


## Action Plan





# Budget





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E INNOVACIÓN

**THANKS FOR YOUR ATTENTION**