

# Horizon 2020: The Italian research perspective



*Ministero dell'Istruzione,  
dell'Università e della Ricerca*

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## **The Programme**

**Horizon 2020 is the financial instrument implementing the EU's new programme for research and innovation as part of the drive to create new growth and jobs in Europe. Running from 2014 to 2020 with an €80 billion budget (Italy is expected to fund the overall budget with about €11 bln), it will combine all research and innovation funding currently provided through the Framework Programmes for Research and Technical Development, the innovation related activities of the Competitiveness and Innovation Framework Programme (CIP) and the European Institute of Innovation and Technology (EIT).**

**The support to research and innovation will:**

- ❑ Strengthen the EU's position in science with a dedicated budget of € 24 598 million. This will provide a boost to top-level research in Europe, including an increase in funding of 77% for the very successful European Research Council (ERC).**
- ❑ Strengthen industrial leadership in innovation € 17 938 million. This includes major investment in key technologies, greater access to capital and support for SMEs.**
- ❑ Provide € 31 748 million to help address major concerns shared by all Europeans such as climate change, developing sustainable transport and mobility, making renewable energy more affordable, ensuring food safety and security, or coping with the challenge of an ageing population.**

## **The Italian participation in the 7° Framework Programme: critical issues**

### **1. Negative trade-off between contributed and received R&D funding**

- ➡ **Italian financial contribution to FP7 budget: 13,4% (€14.518 mln)**
- ➡ **Funding received from FP7 budget: 8,43% (8,8% from FP6 and 9,4% from FP5)**
- ➡ **The negative trade-off amounts to about €400 mln per year of missed funding resources**

### **2. Poor coordination between the Ministry and the Italian Delegates**

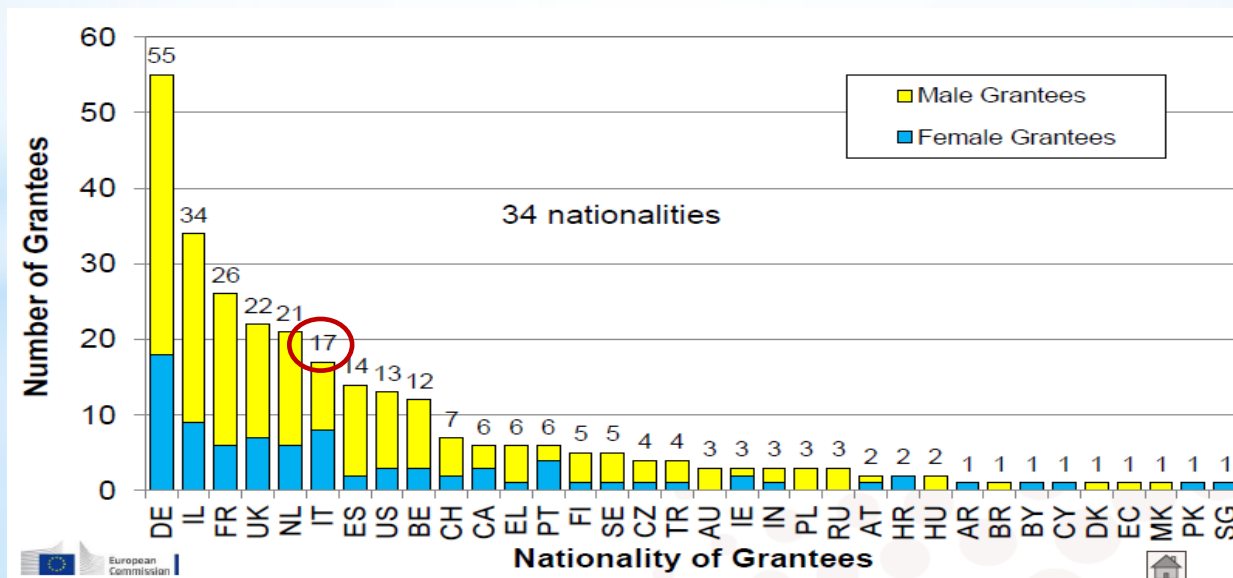
### **3. Italian success rate performance in financed projects to be boosted (18,3% vs 20% EU average)**

**Excellent success rate for “People” Programme (27% vs 26% EU average)  
but low attractiveness with reference to foreign researchers**

## The Italian participation in the 7<sup>o</sup> Framework Programme: critical issues

Italian R&D institutions attract few talented researchers (both Italian and foreign researchers)

- ➡ ERC Starting Grant 2013 Call (the last ERC call under the FP7) will support 287 early-career top researchers with € 400 Mln.
- ➡ 17 researchers out of 287 are Italians: 7 of them remain in Italy, while 10 are hosted in other Countries
- ➡ Only 8 researchers out of 287 are hosted in Italian R&D institutions; just 1 out of 8 is a foreign researcher (vs 60 researchers hosted in UK, 46 in Germany, 29 in France)



Source: ERC

## **The Italian participation to Horizon 2020: overcoming critical issues**

### **Steps to go:**

- ☐ **Strengthening the Research infrastructure system as a driver of competitiveness;**
- ☐ **Enhancing coordination of Italian Representatives;**
- ☐ **Promoting and encouraging the dissemination of Italian technical and scientific culture also through ResearchItaly, the new web portal of the Italian Ministry of Education, University and Research (MIUR) established in order to map, support and promote high-quality Italian research, connecting:**
  - citizens;**
  - businesses and public administrations;**
  - students and teachers in primary and secondary high schools;**
  - researchers or persons whose profession deals with research.**