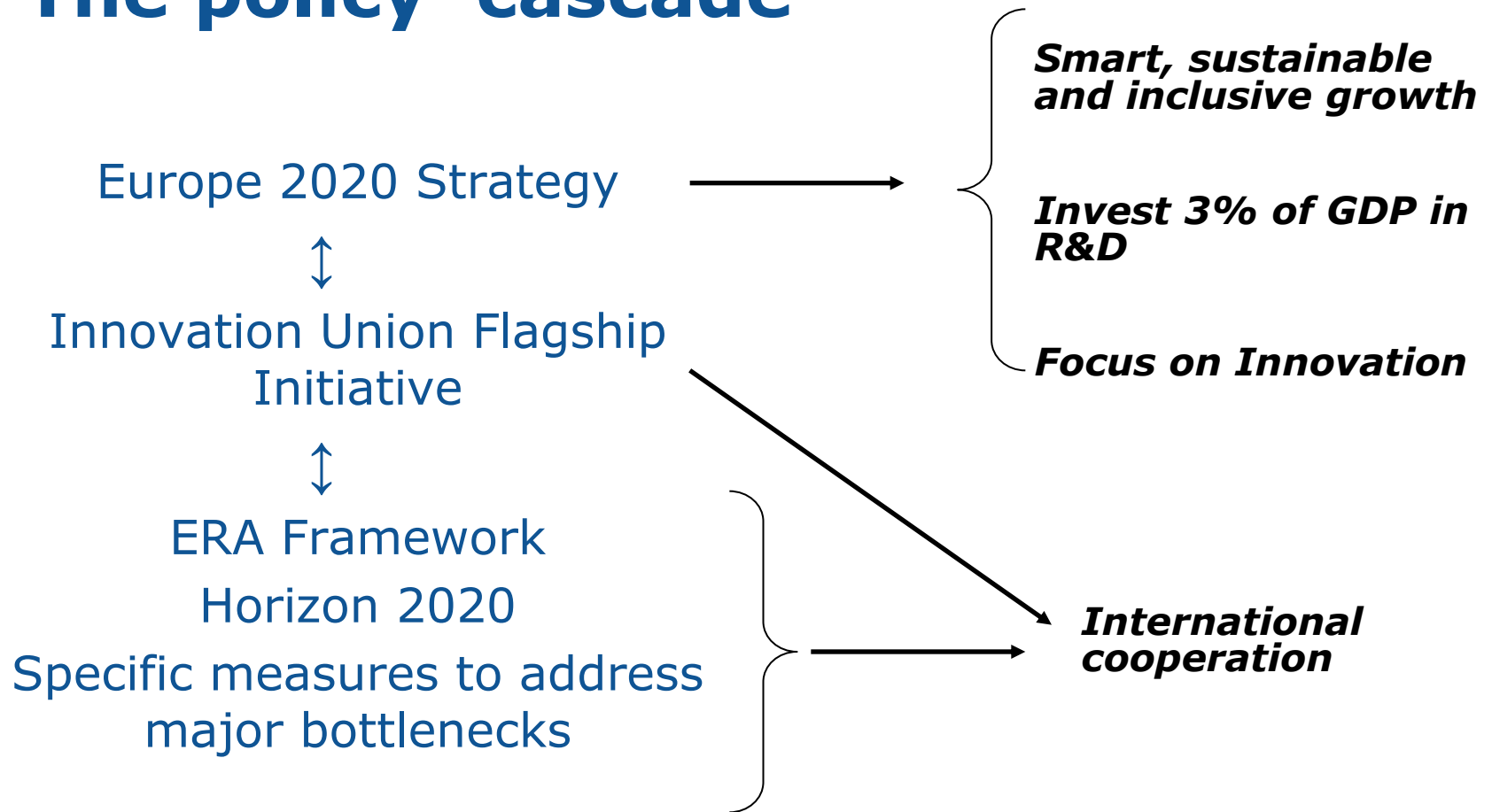


The international dimension in Horizon 2020

Laurent Bochereau
Head of Unit International Cooperation
DG Research and Innovation
European Commission

UNICA 18 October 2013

The policy 'cascade'

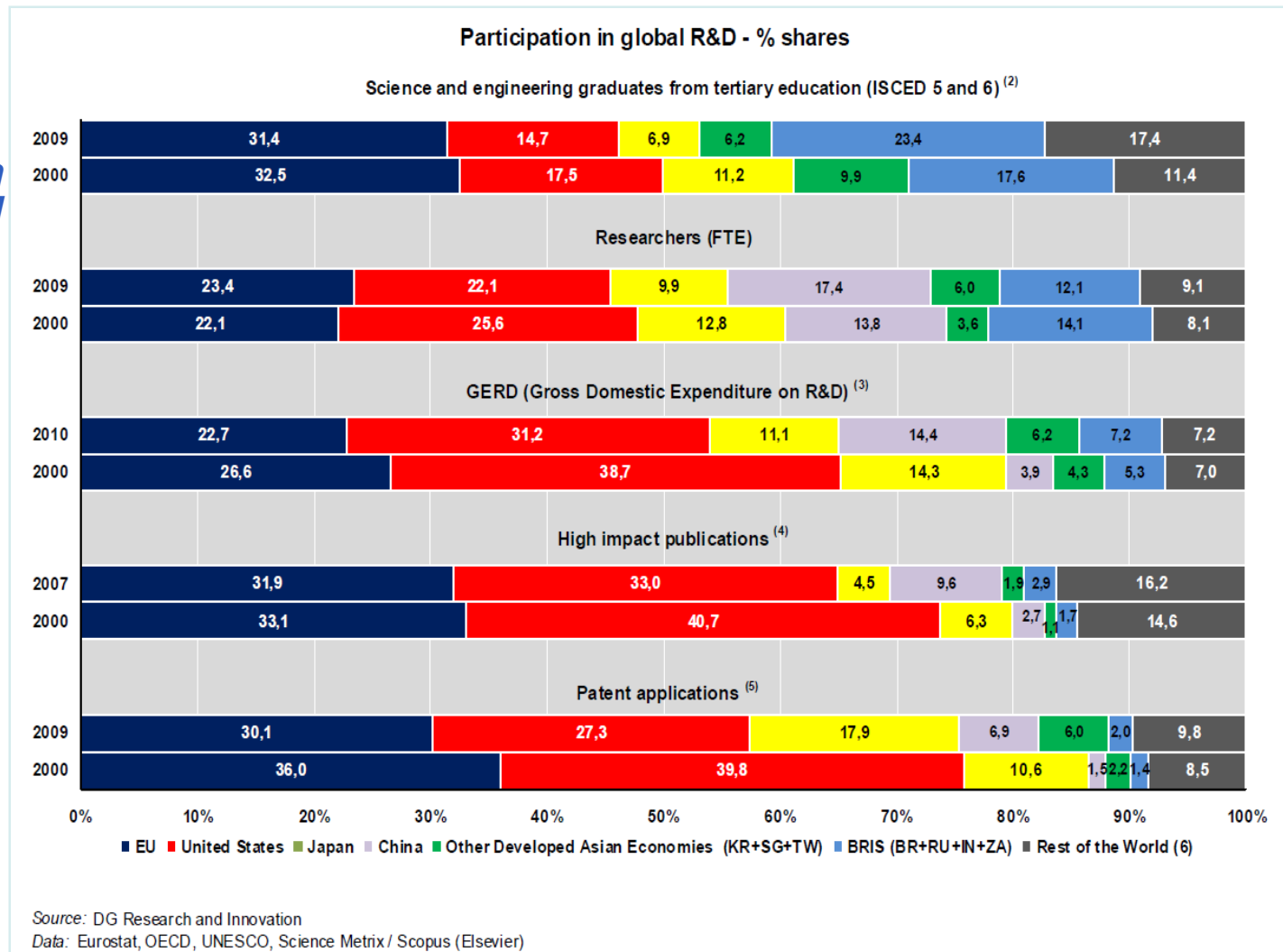


International cooperation in the global context

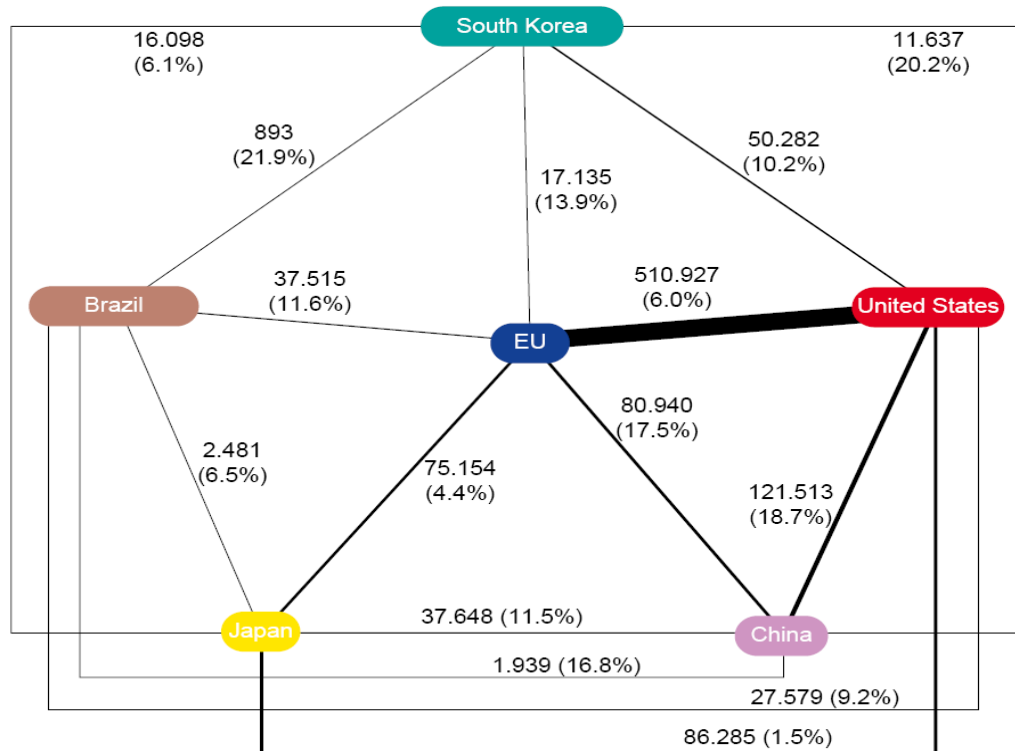
From a triad to a multipolar world

STI increasingly internationally interconnected

Most societal challenges are global in nature



Co-publication Linkages



EU-USA remains strongest link ...
but higher growth rate with emerging S&T powers

Drivers of international cooperation

Need to access knowledge** produced outside Europe and gain access to new **markets

***Need to promote** Europe as an **attractive location** and **partner** for research and innovation*

Need to join forces** globally to tackle **global challenges

New strategy for international cooperation in research and innovation

New strategy for international cooperation in research and innovation

*Need to engage **more actively and strategically** in international cooperation:*

*Three main **objectives**:*

- Strengthen the Union's excellence and attractiveness in research and innovation as well as its industrial and economic competitiveness
- Tackle global societal challenges
- Support the Union's external policies

*Combining **openness** with better **targeted actions***

*Strengthened partnership with **Member States***

*Stronger contribution of research and innovation to **external policies of the Union***

Dual approach

Openness:

- Horizon 2020 open to participation from across the world
- Revision to the list of countries which receive automatic funding

• ***Targeted actions:***

1. *Thematic*: identifying areas for international cooperation on the basis of the Union's policy agenda
2. Differentiation by *countries/regions* to target partners for cooperation

→ ***multi-annual roadmaps*** for cooperation with key partners

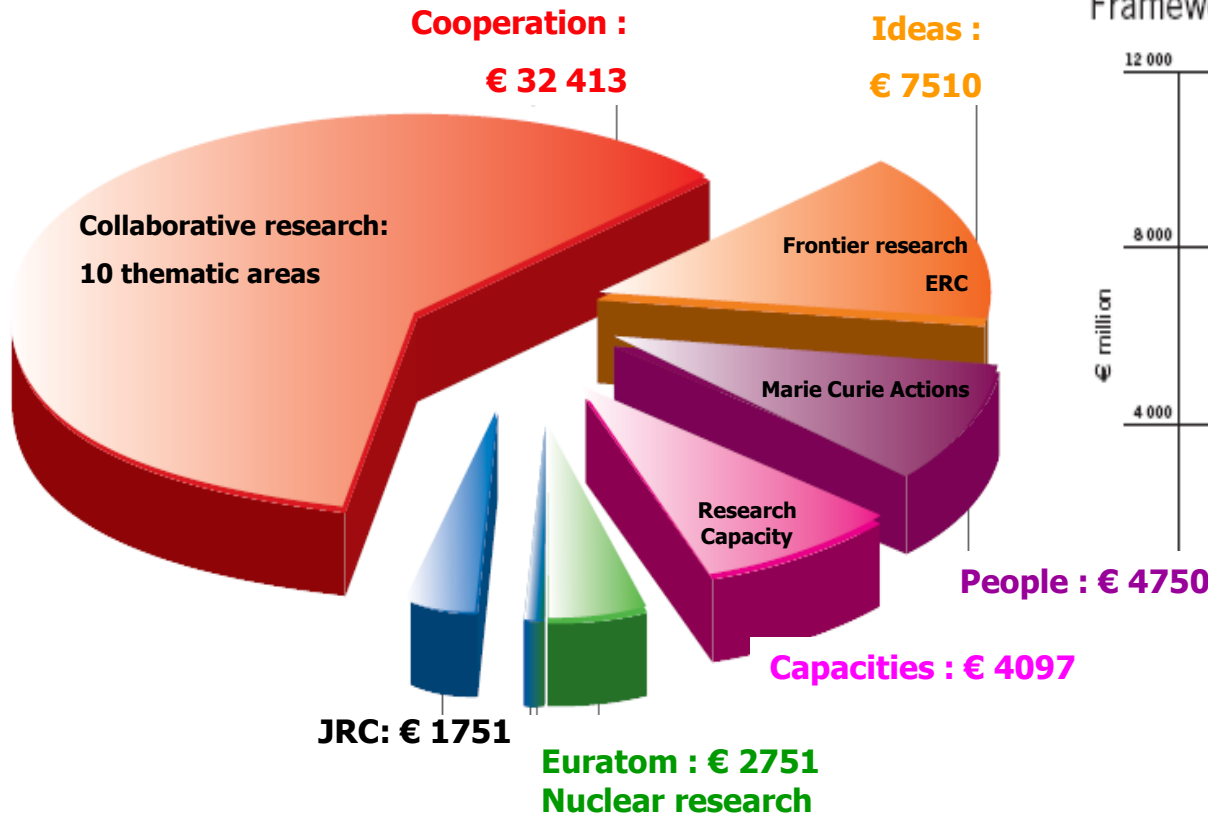
Inter-institutional debate on the international cooperation communication

- **European Parliament:** Commissioner presentation at ITRE on 9 October 2012
- **Council:**
 - ✓ Presentation and orientation debate at 11 December 2012 Competitiveness Council
 - ✓ Council Conclusions adopted on 30 May 2013 Competitiveness Council
- **Committee of Regions:** opinion adopted at plenary session of 12-13 April 2013
- **EESC:** opinion adopted at plenary session of 16 January 2013
- **Very strong support** for international cooperation and the new strategy

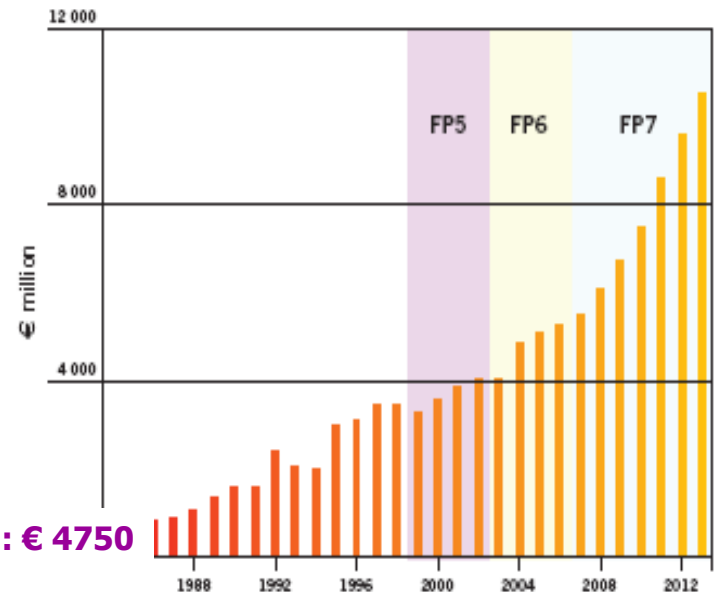


From FP7 to Horizon 2020

FP7 structure (2007-13): EU's main instrument for funding research



Framework programme budget (1984-2013)



International Cooperation

Four main mechanisms:

- **General opening** of all topics to participation by entities from any country in the world
- **Specific International Cooperation Actions**, addressing distinct issues relevant for cooperation with particular countries or regions
- **Coordinated calls** with certain countries, the cooperating country contributes to the budget by financing its own researchers.
- **Programme level cooperation** with industrialised countries and emerging economies, in undertakings that can be divided into several sub-projects that are funded individually by the EC or the cooperating countries.

International Partners in FP7 (2007-2013)*

*Applicants in Eligible Proposals: **23,924***

*Applicants in Retained Proposals: **5,231***

*Applicants Success Rate (average): **21.87%***

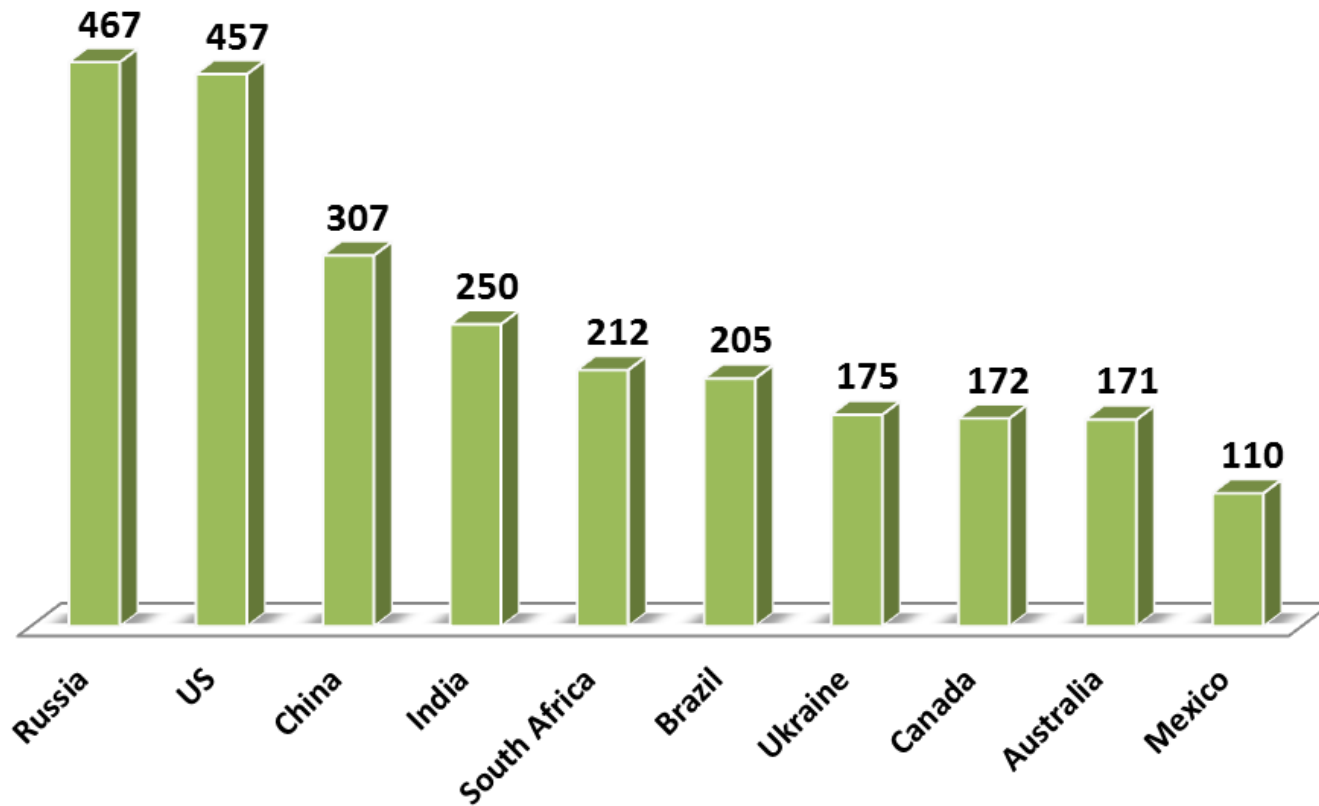
*Grant Agreements with at least one International Partner: **19.86%***

*Signed Grant Agreements: **1,765***

*Participations in Funded Projects: **4,610***

*EU Contribution: **579.5 Million €***

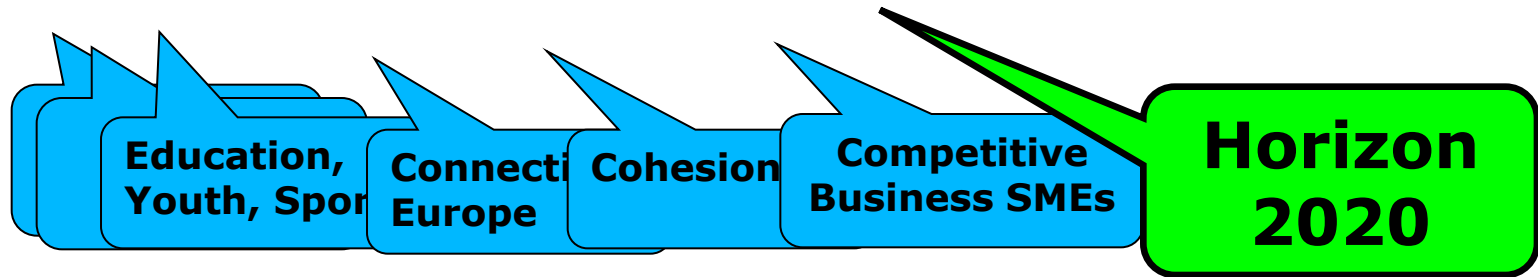
Participations (2007-2013) Main International Partners



The Multiannual Financial Framework

2014-2020: *Commission's proposals of 29 June 2011*

1. Smart & inclusive growth (€491bn)



2. Sustainable growth, natural resources (€383bn)

3. Security and citizenship (€18.5bn)

4. Global Europe (€70bn)

5. Administration (€62.6bn)



**Total:
€ 1,025bn**

What is Horizon 2020?

- Commission proposal for a research and innovation funding programme (2014-20)
- Part of proposals for next EU budget, complementing Structural Funds, education, etc.
- A core part of Europe 2020, Innovation Union & European Research Area:
 - Responding to the economic crisis **to invest in future jobs and growth**
 - Addressing peoples' concerns **about their livelihoods, safety and environment.**
 - Strengthening the EU's global position **in research, innovation and technology**

Three priorities:

1 Excellent science

2 Industrial leadership

3 Societal challenges

International Cooperation in Horizon 2020

- **General opening**
- Targeted activities in **Societal Challenges** and **Industrial Leadership**
 - Projects with required or preferential 3rd country participation
 - Joint calls, delegated management, ERA-NET, Art 185
- **Excellent Science**
 - Marie Skłodowska-Curie Fellowships : strong international dimension
 - Development of global research infrastructures (Carnegie Group)
 - ERC open to researchers from all over the world - research to be carried out mostly in Member States or Associated Countries
- **Dedicated cross-cutting actions** – Inclusive, Innovative and Secure Societies challenge
 - Support for to policy dialogue
 - Networking and twinning activities
 - Coordination of EU and MS/AC international cooperation policies
 - Strengthening of European presence in international partner countries



ec.europa.eu/research/iscp

ec.europa.eu/research/horizon2020