



Enhancing and Focusing EU International Cooperation in Research and Innovation: the Regional Dimension

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Outline

1. Horizon 2020
2. Why the Communication 'Enhancing and focusing EU international cooperation in research and innovation: a strategic approach' is needed?
3. What is proposed?





Horizon 2020

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The policy 'cascade'



Smart, sustainable and inclusive growth

Invest 3% of GDP in R&D

Focus on Innovation

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HORIZON 2020

- **Commission's proposal**
- **€80billion research and innovation funding programme (2014-20)**
- **Priorities:**
 - **Excellent science**
 - **Industrial leadership**
 - **Societal challenges**

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Societal Challenges

1. Health, demographic change and wellbeing
2. Food security, sustainable agriculture, marine and maritime research and the bio-economy
3. Secure, clean and efficient energy
4. Smart, green and integrated transport
5. Climate action, resource efficiency and raw materials
6. Inclusive, innovative and secure societies

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Why the Communication "Enhancing and focusing EU international cooperation in research and innovation: a strategic approach" is needed?

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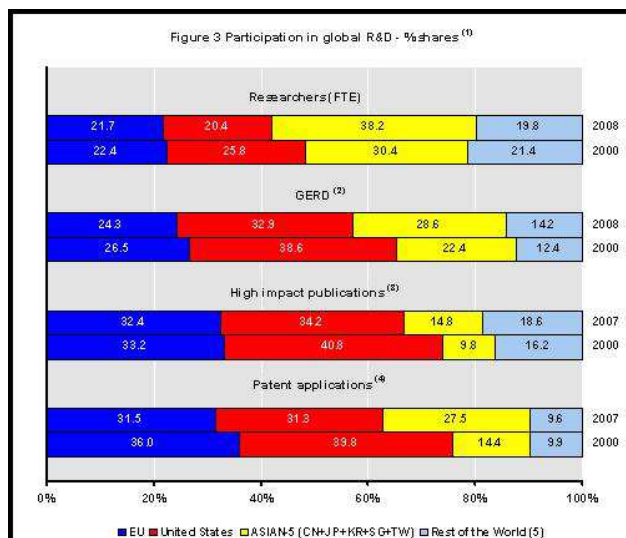


A Rapidly Changing Context

From a triad to a multipolar world

STI increasingly internationally interconnected

Most societal challenges are global in nature



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Interacting with Third Countries

- FP7 Associated Countries
 - 14 Associated countries (Albania, Bosnia & Herzegovina, Croatia, Faroe Islands, Iceland, Israel, Liechtenstein, the FYR of Macedonia, Moldova, Montenegro, Norway, Serbia, Switzerland and Turkey)
 - The same participation possibilities as for the MS
- Science and Technology Agreements
 - 20 S&T cooperation agreements (Argentina, Australia, Algeria, Brazil, Canada, Chile, China, Egypt, India, Japan, Jordan, Korea, Mexico, Morocco, New Zealand, Russia, South Africa, Tunisia, Ukraine, the USA)
 - Regular (annual) meetings
- Other Agreements
 - Research and innovation is covered in broader international and regional agreements



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Drivers of international cooperation

- Need to strengthen the Union's **excellence and attractiveness** in research and innovation
- Need to access **knowledge** produced outside Europe
- Need to gain access to new **markets**
- Need to strengthen the Union's **economic competitiveness**
- Need to **join forces** globally to tackle **global challenges**
- Need to support the Union's **external policies**



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What is proposed?

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Openness

- Horizon 2020 is **open** to participation for countries and regions across the globe;
- Not all third country participants will be automatically **eligible for funding**.
- The Union will continue to encourage **reciprocal access** to third countries' programmes.

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Targeted activities

Identifying areas for international cooperation **on the basis of:**

- research and innovation **capacity**, including investment, output (publications, patents, citations, licensing), human resources and infrastructure;
- risks of and opportunities for **access to existing, new or emerging markets**, and their **impact on** the Union's **competitiveness**;
- contribution to the Union's **international commitments**, as reflected in the Millennium Development Goals and the international objectives of sectoral policies;
- **the legal and administrative frameworks in place**, among the international partners to engage in cooperation.

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Regional dimension

- The EFTA countries, EU enlargement countries and countries covered by the European Neighbourhood policy;
- Industrialised countries and emerging economies;
- Developing countries.

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EFTA, Enlargement and Neighbourhood countries

- Focusing on **integration into or alignment with the ERA**, including through their possible association to Horizon 2020;
- For the Neighbourhood countries, this will contribute to developing a '**Common Knowledge and Innovation Space**', including improving the research and innovation competences;
- Cooperation will be in **close coordination with the instruments of the enlargement and neighbourhood policies**.



Industrialised countries and emerging economies

- Increasing the Union's competitiveness to **jointly tackle global challenges** through common innovative solutions;
- **Developing enabling technologies** by accessing new sources of knowledge;
- Providing the Union's private sector with **business opportunities and access to new markets**.





Developing countries

- Complementing the Union's **external policies** and instruments by building partnerships – in particular bi-regional partnerships – to contribute to the **sustainable development** of these regions;
- **Addressing challenges** such as the green economy, climate action, improved agriculture, food security and health.

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New Strategy - Key Novelties

- **General opening** of Horizon 2020, but with more **restricted approach to automatic funding**
- **Targeted activities** with **scale and scope** to achieve impact
- **Multi-annual roadmaps** for key partner countries/regions
- Stronger partnership with **Member States**
- **Common principles** for conduct of international cooperation
- Stronger role for Union in **international organisations** and **multilateral fora**
- Strengthened **implementation, governance, monitoring and evaluation**

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Dedicated Website:

<http://ec.europa.eu/research/iscp/index.cfm?lg=en&pg=strategy>

The screenshot shows the 'EU International Strategy for Research and Innovation' page. It features a navigation menu on the left with categories like Home, News feed, Newsletter, Policy Framework, Funding, Current Calls, Projects, Publications, Destination Europe, Links, FAQs, and Enquiries. The main content area includes a header with the title 'EU International Strategy for Research and Innovation' and a sub-header 'EU International Strategy for Research & Innovation'. Below this is a graphic with a globe and the text 'EU International Strategy for Research & Innovation' and 'Global Challenges, International Cooperation, Innovation Opportunities'. A paragraph of text follows, starting with 'On 14 September 2012, the Commission adopted a Communication entitled Enhancing and focusing EU international cooperation in research and innovation: a strategic approach (COM(2012) 673)'. Below the text is a 'Communication' section with a list of language links and file sizes for various countries: BG (203 KB), CS (205 KB), DA (60 KB), DE (117 KB), EL (237 KB), EN (110 KB), ES (113 KB), ET (115 KB), FI (116 KB), FR (211 KB), LV (222 KB), MT (218 KB), NL (116 KB), PL (222 KB), RO (226 KB), SK (109 KB), SL (190 KB), SV (110 KB). At the bottom of the screenshot is a 'Research and Innovation' button.

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European Commission

Thank you for your attention

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