EU International Strategy for Research & Innovation

- Global Challenges
- International Science
- Innovation Opportunities

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State of play

- **Communication adopted** on 14 September 2012 (COM(2012) 497)

- **Inter-institutional debate** ongoing:
  - Presentation by Commissioner Geoghegan-Quinn at EP ITRE Committee on 9 October
  - Presentation and orientation debate at 11 December Comp Council, with Council Conclusions foreseen under IE Presidency
  - Committee of Regions and EESC preparing opinions

- **Implementation** of strategy closely aligned to Horizon 2020
ERIAB recommendations

- A long-term political commitment to be a global player is needed within the Innovation Union.

- The scope of European R&D policy must be enlarged beyond Europe.

- Investments in developing countries will become long-term investments in markets and opportunities. Thereby, particular attention should be given to the Mediterranean Region and Africa.

- Young talents have to be motivated to enter into a research career. The EU should thereby try to attract also talents from outside Europe (talents follow opportunities).

- Joint capacities to address global challenges as well as the coordination of research infrastructures on a global level must be further promoted.
Implementation: key deliverables

- Multi-annual **roadmaps** for international cooperation with strategic partners
- Toolbox of **instruments**
- Common **principles** for engaging in international cooperation
- Partnership with **Member States**
- Horizontal International Cooperation **support activities**
- **Information** gathering
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

⇒ first: multi-annual plans for international cooperation for each challenge/technology (Groups of Directors)
⇒ then: **multi-annual roadmaps for cooperation with key partners**
Key principles

- **EU policy agenda** is starting point:
  - Thematic targeting based on Horizon 2020 proposals should be starting point (but should reflect state of play in policy dialogues)
  - Differentiation by countries/regions to add further focus
  - Interaction/iteration between both points of view needed

- International cooperation should **add value**:
  - No exclusive focus on competitiveness and industrial/emerging economies
  - EU interest also clearly in generating more synergies with EU external policies and cooperating with developing countries

- More **scale and scope** to enhance impact

- More strategic use of **instruments**
Thematic targeting

- Starting point: **Horizon 2020** societal challenges and enabling technologies

- Question: **why are we cooperating** on a certain topic?

- **Identify areas** based on following criteria:
  - Research and innovation capacity
  - Access to markets
  - Contribution to international commitments, e.g. MDG or Rio+20
  - Frameworks in place to engage in cooperation (EU, international partners and MS) – including lessons learnt from previous cooperation

- Use **objective information**

- Responsibility of **Groups of Directors** (programme managers)
Differentiation by countries/regions

- **Three groupings:**
  - Enlargement and neighbourhood countries, and EFTA
  - Industrialised countries and emerging economies
  - Developing countries

- Provides **additional focus:** different type of activities with different countries
  - E.g. cutting edge research/competitiveness with industrialised countries
  - E.g. technology/transfer/adaptation/specific challenges with developing countries

- **Countries can belong to different groupings** depending on area/topic
Instruments in Horizon 2020

- **Collaborative projects** (third country participation required or taken into account during evaluation)

- **Networking** between existing projects

- **Joint initiatives:**
  - Bilateral joint/coordinated calls
  - Multi-lateral initiatives
  - Contribution of Union to third country/international organisations
  - ERA-Net/Art 185

- **Horizontal international cooperation activities:**
  - Support policy dialogues
  - Networking and twinning activities
  - Coordination of Union and MS policies/programmes and joint actions of MS and third countries
  - European ‘presence’ in third countries
Partnership with Member States

- Union activities must **add value** and **complement** those of Member States
- Important progress made through **SFIC**
- Towards **European shared activities**:
  - associate MS to development of EU roadmaps
  - associate MS to implementation
  - common principles for international cooperation
  - data gathering
Partnership with Member States

- MS/SFIC involvement in **constructing multi-annual roadmaps:**
  - **Information on MS activities** crucial element in the identification of areas for international cooperation (EU added value)
  - Developments on SFIC SRIAs also to be considered in identification
  - MS closely associated to roadmap development through their role in the Horizon 2020 **programme committees**

- SFIC to be consulted on **implementation of roadmaps:**
  - Identify areas for joint EU/MS activities
  - Ensure links to national strategies
Partnership with Member States

- **Common principles** for engaging in international cooperation:
  - Contribute to their development by providing input from national experience;
  - Apply in implementation of SRIAs as flagships of good practice

- **Information gathering**:
  - Share information on national activities to support identification process
  - Exchange experience and good practice in monitoring international cooperation and its impact
  - Share information about planned national data collection and mapping exercises
Link to ERA initiative

- Ensure that **international dimension of ERA priority areas** is further developed.

- Regular interaction with **other ERA groups** to ensure opportunities arising there are also applied in the context of international cooperation.

- Contribute to **involving stakeholders** through a stronger and more systematic interaction, e.g. during the development of roadmaps.
Next Steps

- Jan-June: Priority identification for each challenge/technology
- 30 May: Council Conclusions
- June: Discussion with SFIC on progress
- Nov: Discussion with SFIC on draft roadmaps
- 2014: Publication of first progress report of international cooperation strategy