



European Research Area

An open space
for knowledge and growth

Joint Programming and Alignment

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*Research &
Innovation*

Lund declaration, 2009

"European research must focus on the Grand Challenges of our time moving beyond current rigid thematic approaches. This calls for a new deal among European institutions and Member States, in which **European and national instruments are well aligned and cooperation builds on transparency and trust.**

Identifying and responding to Grand Challenges should involve stakeholders from both public and private sectors in transparent processes taking into account the global dimension.

The Lund conference has started a new phase in a process on how to respond to the Grand Challenges. It calls upon the Council and the European Parliament to take this process forward in partnership with the Commission."

Joint Programming

- Launched in 2008 by a Communication of the Commission and subsequent Conclusions of the Council
- Research and innovation policy concept driven by societal challenges
- Tackle grand societal challenges through more efficient use of resources and by the alignment of funding at national level
- Structured and strategic process whereby Member States agree, on a voluntary basis and in a partnership approach, on common visions and Strategic Research Agendas (SRA).
- On a variable geometry basis, Member States commit to Joint Programming Initiatives (JPIs) where they implement joint Strategic Research Agendas together.



Framework programme contribution to Public-Public Partnerships, including JPIs

6th Framework Programme

Coordination of national research programmes (ERA-NETs)

7th Framework Programme

Coordination of national research programmes (ERA-NETs)

Co-funding of joint calls and programmes (ERA-NET Plus, Art.185)

Support to the 10 JPIs (CSAs)

Horizon 2020

Co-funding of joint calls and programmes (ERA-NET Cofund, Art.185)

Support to coordination (ERA-NET Cofund, CSAs for JPIs)

In 2014/15: Euro 500 Million Union contribution, leveraging around 1,5 billion from Participating States



Commissioner Geoghegan-Quinn

Dublin Conference Joint Programming, February 2013

*"By aligning and co-ordinating the **institutional and competitive funding** committed under national research programmes, which accounts for 88% of the public research in Europe, we can better exploit our resources for maximal societal impact"*

Public spending for R&D in Europe

Total civil R&D appropriations 2014:	Euro 88 billion
Framework Programme:	≈ 12%
Share of national <u>competitive</u> funding: (ERA-progress report)	64%
Share of national <u>competitive</u> funding: (latest Eurostat figures)	33%

→ **Framework Programme provides probably more than 35% of competitive funding in Europe**

→ **Limited availability of cash funding for Joint Programming and other P2P**

Definition of Alignment

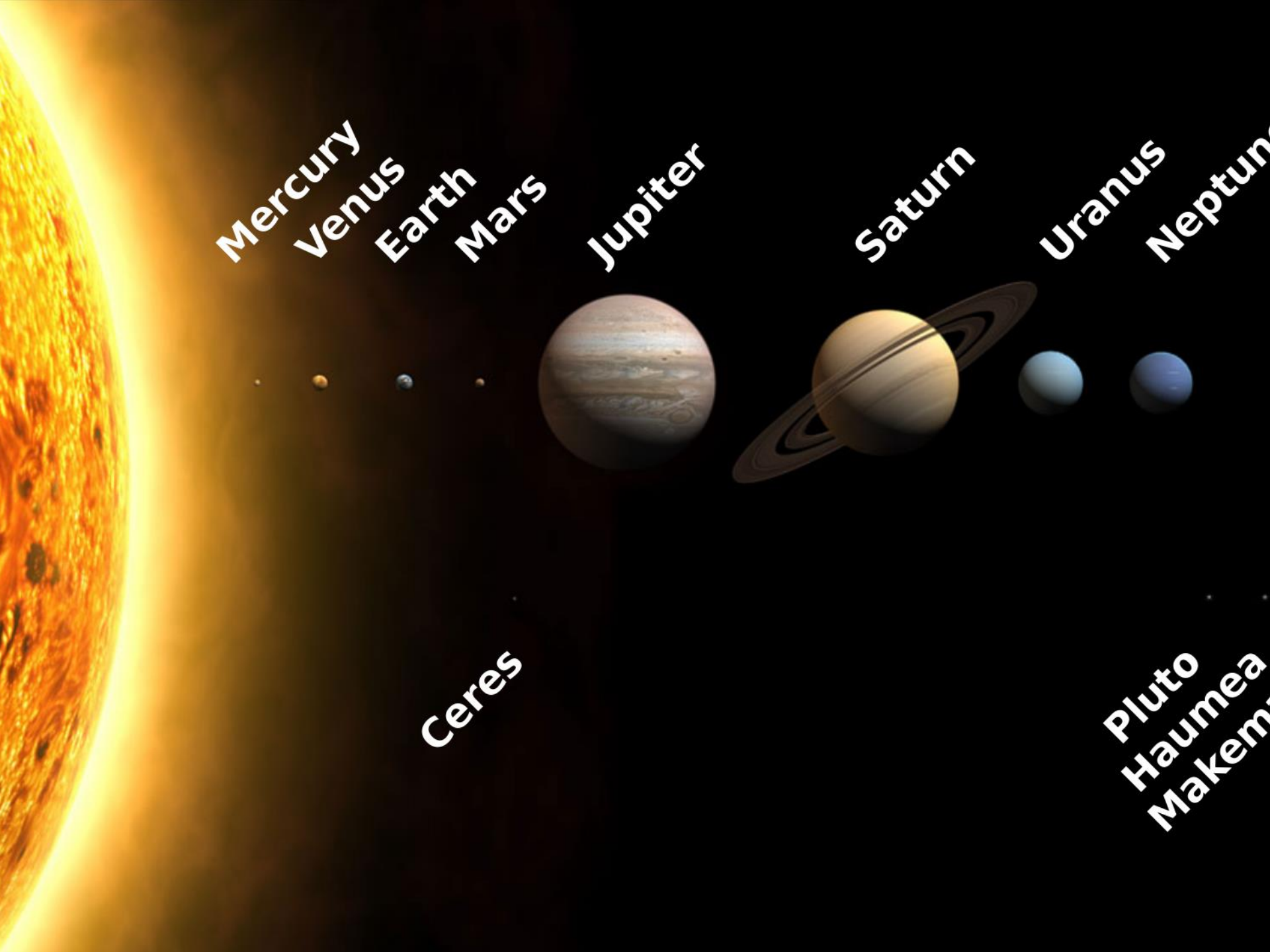
Oxford Dictionary

arrangement in a straight line

"the alignment of the sun, moon and earth at a particular time"

political support given to one country or group by another

"Japan's alignment with the West"



Mercury

Venus

Earth

Mars

Jupiter

Saturn

Uranus

Neptune

Ceres

Pluto
Haumea
Makemake

Definition of Alignment

High Level Group of Joint programming

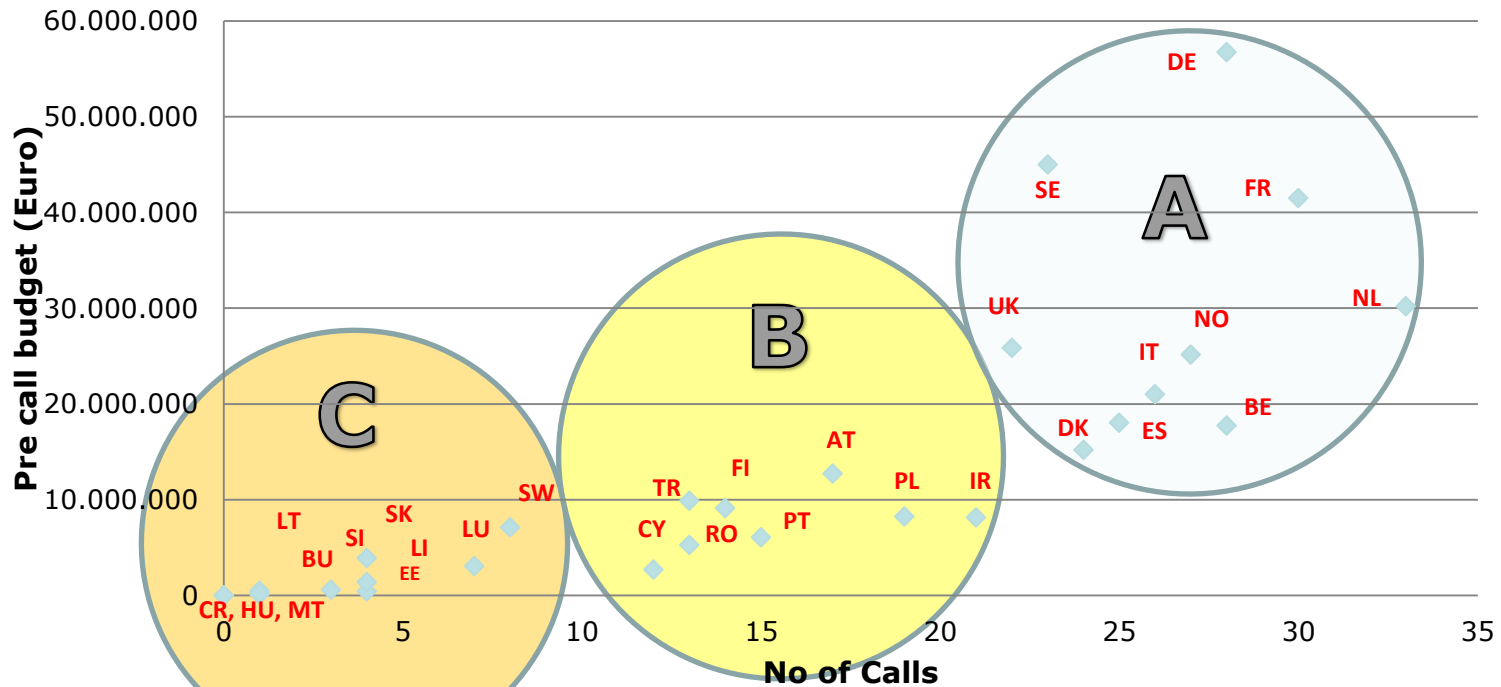
"Alignment is the strategic approach taken by Member States' to modify their national programmes, priorities or activities as a consequence of the adoption of joint research priorities in the context of Joint Programming with a view to implement changes to improve efficiency of investment in research at the level of Member States and ERA."

Key issues Alignment

- Alignment starts at national level
→ **Need for national networks and national strategies**
- Extend alignment to national / regional policies across ministries
→ **Need to develop national governance**
- Involvement relevant stakeholders beyond the research communities (end users, industry)
→ **Impact on societal challenge**
- Increase interoperability of national research (funding) systems
→ **Simplify cross border collaboration, increase visibility**
- Common terminology
→ **Still very different understandings on meaning of alignment**
- Mutual learning between initiatives/countries
→ **Increase efficiency and speed**

Expert Group on Joint Programming

- Evaluate the progress made in Member States on Joint Programming in addressing Grand Societal Challenges;
- Assess the current commitment and progress to align national research programmes to the common priorities;
- Define success criteria and identify success factors/bottlenecks;
- Consider priorities for operational follow-up for Member States, JPIs and their stakeholders and the European Commission.



Group C: LU, SK, LI, SI, EE, LT, BU, CR, HU, MT

- Members in 0-2 JPIs
- Very low participation in calls
- Small budget commitment
- Minimum participation in other activities

Group B: IR, PL, AT, FI, PT, TR, RO, CY, SW

- selected JPIs
- active in most calls
- high expenditure if we take in consideration the GERD
- several activities – leading individual JPIs or Tasks

Group A: NL, FR, GE, SE, NO, UK, IT, BE, ES, DK

- Countries participating in most of the JPIs
- Active in most of the calls
- Spending more money
- Leading the JPIs or important tasks

Indicators of JPIs excellence

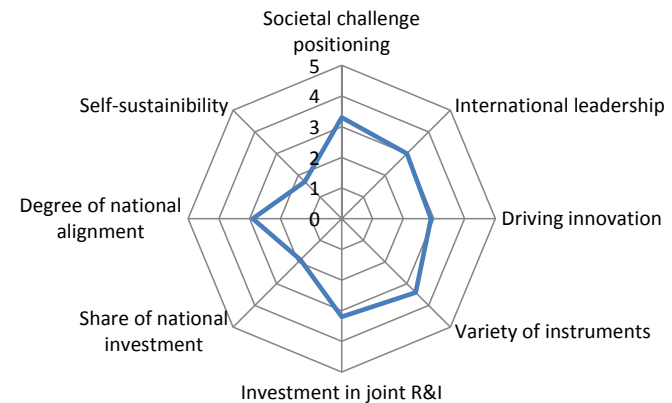
Progress towards **IMPACT** on the **SOCIETAL CHALLENGE**

- Positioning within European societal challenge landscape
- International research leadership
- Driving demand for innovative new solutions
- Variety of joint actions and instruments

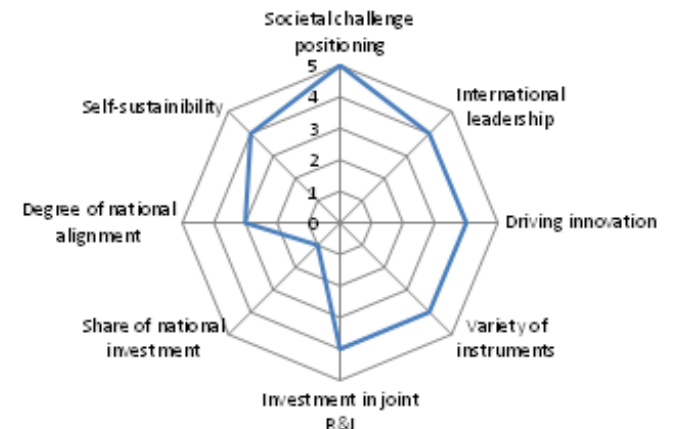
Mobilisation of **CO-INVESTMENT** and **ALIGNMENT** Actions

- Investment in joint research and innovation projects
- Share of total national investment in the subject that is coordinated through the JPI
- Degree of national alignment
- Sustainability of the JPI infrastructure

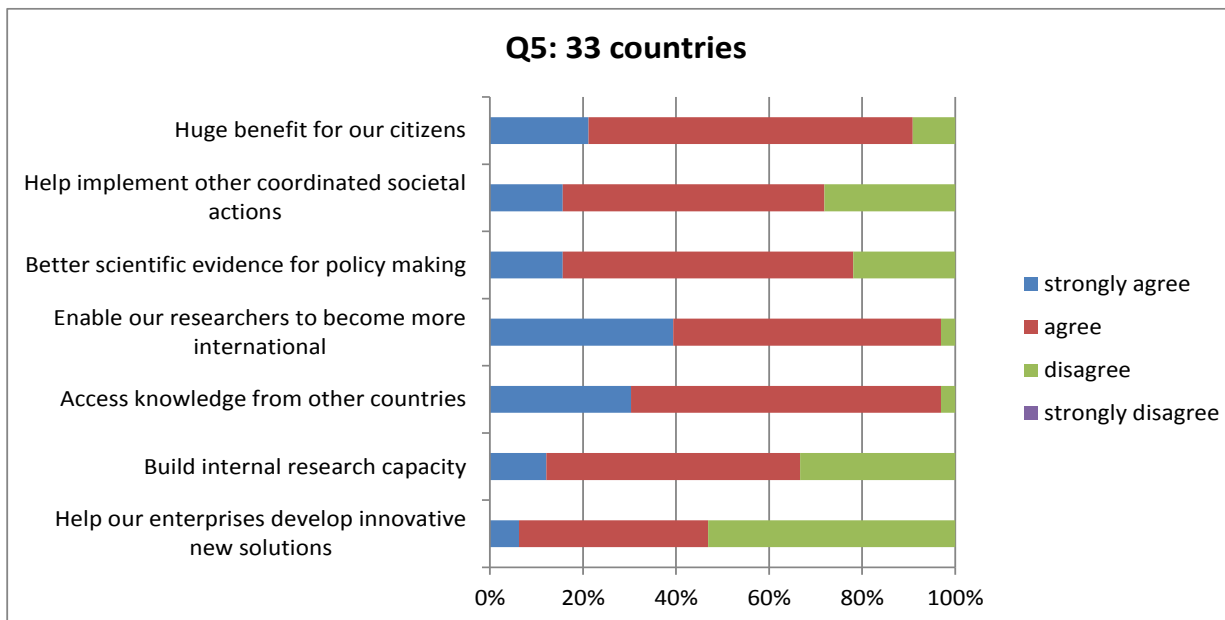
JPI Average



UE



Benefits of participation in JPIs?



➔ **Joint Programming is there for the benefit of society and our citizens!**

