



Marine Research in Horizon 2020

*The EU Framework
Programme for
Research and Innovation
2014-2020*

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HORIZON 2020



Research and
Innovation

The Multiannual Financial Framework 2014-2020: Commission's proposals 29 June 2011

Key challenge: stabilise the financial and economic system while taking measures to create economic opportunities

1. Smart & inclusive growth (€491bn)



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

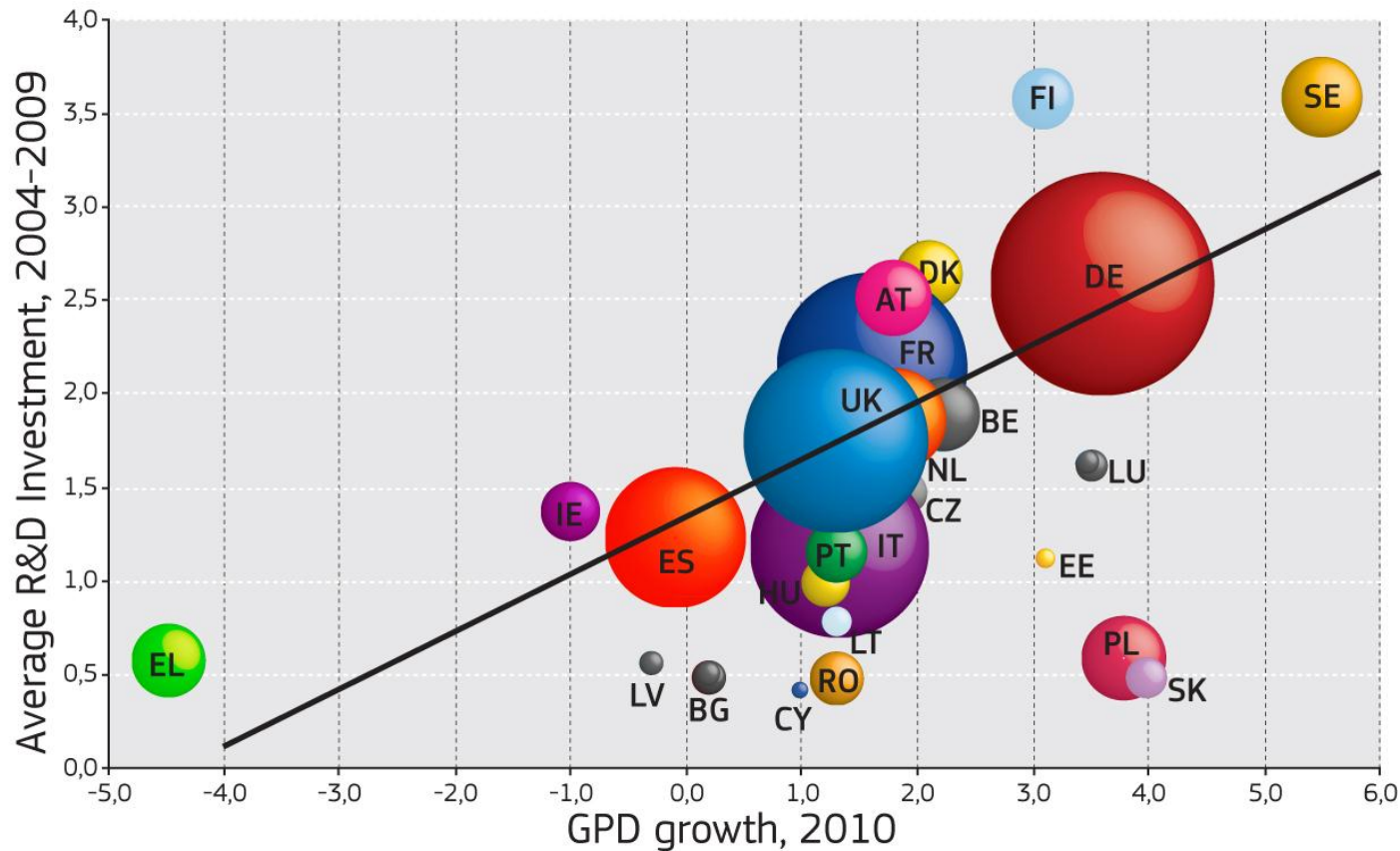
3. Security and citizenship (€18.5bn)

4. Global Europe (€70bn)

5. Administration (€62.6bn)

**Total:
€ 1,025bn**

Investment in R&D is part of the solution to exit from the economic crises



What is Horizon 2020

- **Commission proposal for a 80 billion euro research and innovation funding programme (2014-2020)**
- **A core part of Europe 2020, Innovation Union & European Research Area:**
 - **Responding to the economic crisis** to invest in future jobs and growth
 - **Addressing people's concerns** about their livelihoods, safety and environment
 - **Strengthening the EU's global position** in research, innovation and technology

Active involvement of stakeholders

- **EU Presidencies: Sweden** (societal challenges-based approach), **Spain** (integration of research and innovation), **Hungary** (FP7 interim evaluation), **Poland** (widening participation), **European Council conclusions** from 4.2.2011 (Common Framework to bring together all EU research and innovation funding)
- **European Parliament** reports: Merkies (Innovation Union), Audy (FP7 evaluation), Matias (Horizon 2020) and Carvalho (simplification)
- Overwhelming response to the **public consultation** on Horizon 2020 (more than 2000 contributions)
- **Survey on administrative costs for participants in FP7**
- **25 workshops on the content** of Horizon 2020

What's new

- **A single programme** bringing together three separate programmes/initiatives*
- **Coupling research to innovation** – from research to retail, all forms of innovation
- **Focus on societal challenges** facing EU society, e.g. health, clean energy and transport
- **Simplified access**, for all companies, universities, institutes in all EU countries and beyond.

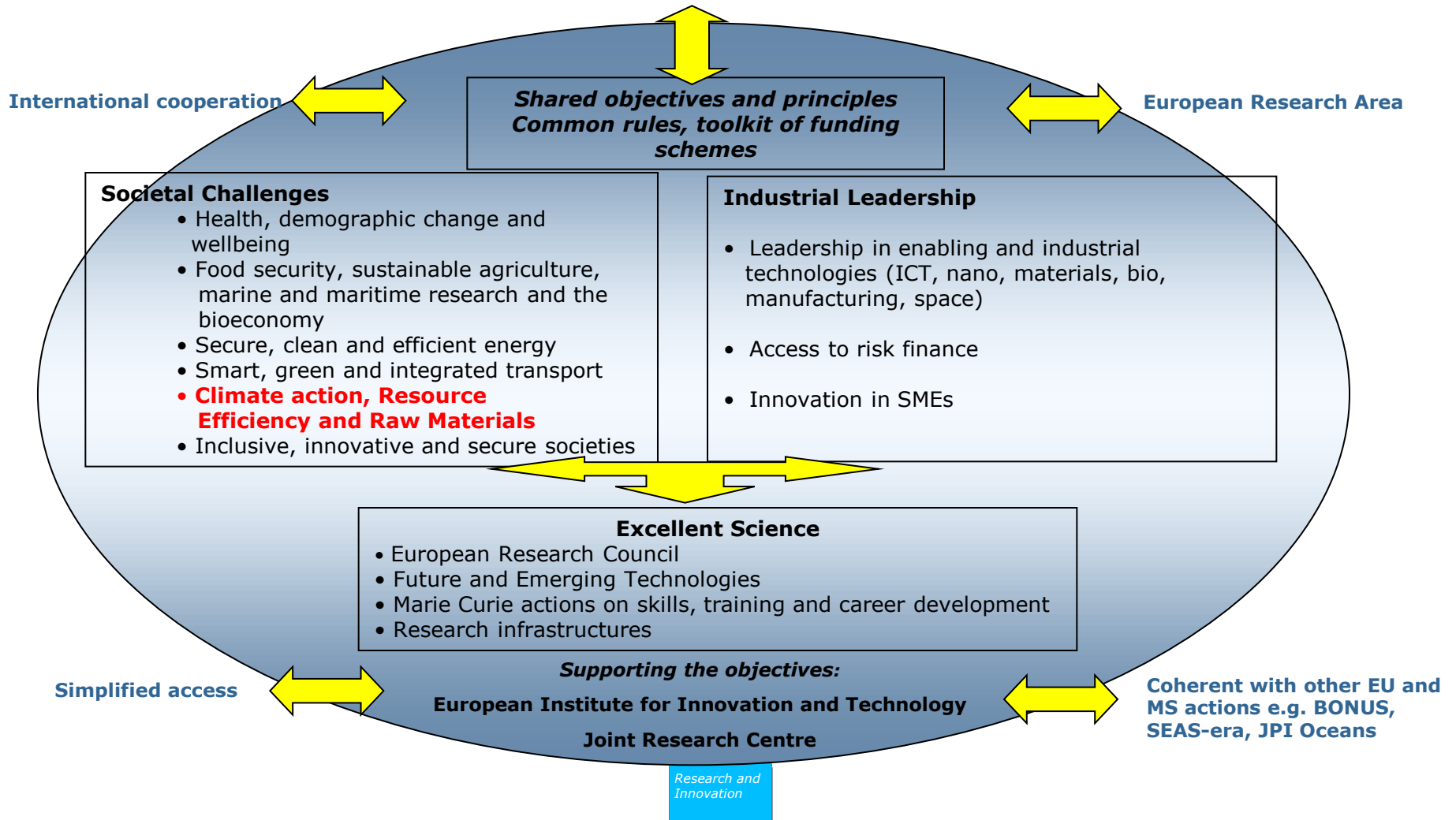
*The 7th Research Framework Programme (FP7), innovation aspects of Competitiveness and Innovation Framework Programme (CIP), EU contribution to the European Institute of Innovation and Technology (EIT)



European
Commission

Horizon 2020 objectives and structure

Europe 2020 priorities



Marine research in Horizon 2020

- 1. Excellent Science** e.g.: marine research infrastructures.
- 2. Industrial leadership** e.g.: blue biotechnology, innovation in SMEs for "Blue growth"
- 3. Societal challenges** e.g.: ocean role in the climate process, maritime transport, ocean renewables, fisheries & aquaculture.

Marine research in Horizon 2020

Strategic cross-cutting approach

Proposal for a Council Decision establishing
Horizon 2020:

*" Detailed priority setting... strategic approach to programming... aligning closely with policy development... Cross-cutting approach to programming... will allow for effective coordination between all Horizon 2020's pillars as well as to address challenges which cut across them (...) such as **marine sciences and technologies.**"*

Marine Research in Horizon 2020 Partnerships

- **SEAs Era - *Towards Integrated European Marine Research Strategy and Programmes*** (*coordination action*) – started in May 2010

Set-up of strategic R&D agendas at regional and European level; 19 R&D national funding agencies

Atlantic R&D agenda available at: <http://www.seas-era.eu/np4/homepage.html>

- **BONUS – *Joint Baltic Sea Research Programme*** (Article 185 of the Treaty); adopted in July of 2010; 8 Baltic Countries
- **JPI Oceans - *Joint Programming Initiative Healthy and Productive Seas and Oceans***; initiative of the Member States; adopted by the Council in December 2011.

International Cooperation in the North Atlantic Project EUROBASIN (7FP)

EU Basin-scale Analysis, Synthesis & Integration on the North Atlantic

EURO-Basin: FP7 large scale integrating project

Start Date: 31/12/2010

Duration: 48 months

Consortium: 24 partners from 9 countries

Coordinator: DTU-Aqua, Denmark

Large scale integrating collaborative projects

(IPs) overall aim at generating **new knowledge** including **new technology** in order to improve European competitiveness, or to **address major societal needs**. Large scale integrating projects have a comprehensive **“programme” approach**: including a coherent **integrated set of activities** dealing with multiple issues and involving hundreds of scientists

Objectives

*assess the **impact of global and anthropogenic forcing on the North Atlantic** marine ecosystems and thereby improve and **advance ocean management** in close **cooperation with US/Canada***

*contribute to the realization of an **ecosystem-based approach** to the management of the **North Atlantic basin**, in support to the **Integrated Maritime Policy** incl. the European Common **Fisheries Policy (CFP)** and the **Marine Strategy Framework Directive (MSFD)**.*

Next steps

- Ongoing:** Parliament and Council negotiations on the basis of the Commission proposals
- Ongoing:** Parliament and Council negotiations on EU budget 2014-2020 (including overall budget for Horizon 2020)
- Mid 2012:** Final calls under 7th Framework Programme for research to bridge gap towards Horizon 2020
- Mid 2013:** Adoption of legislative acts by Parliament and Council on Horizon 2020
- 1/1/2014:** **Horizon 2020 starts, launch of first calls**



Thank you for your attention!

Find out more:

H2020

www.ec.europa.eu/research/horizon2020

Marine Research

www.ec.europa.eu/research/environment/index_en.cfm?pg=marine

Projects Service

www.cordis.europa.eu/projects

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