



Coordination between National Research programmes

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Research DG
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Content of Part 1

- **The ERA-NET scheme in FP7**
- **ERA-NET actions in FP7**
- **ERA-NET Plus actions**
- **EUREKA and COST**
- **Additional Information**



European Research Area

3 concepts

- the creation of an **"internal market" in research** (free movement of knowledge, researchers and technology)
- the **restructuring** of the **European research fabric** (improved coordination of national research activities and policies)
- the development of a **European research policy** (taking into account other EU and national policies)

Co-ordination & Integration of public research in the ERA

Policy level

- ✓ open method of coordination
- ✓ mapping, benchmarking, etc.
- ✓ legislation



Programme level

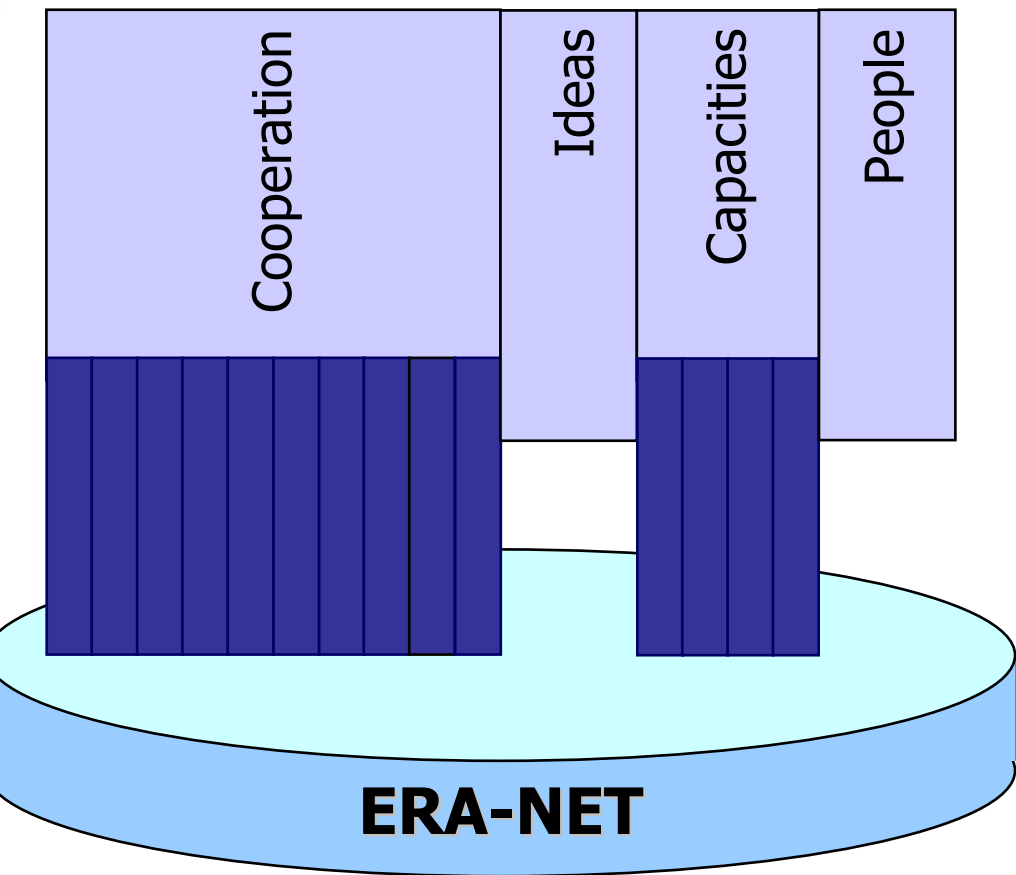
- ✓ ERA-NET
- ✓ ERA-NET Plus
- ✓ Article 169 initiatives

Project level

- ✓ FP7 funding schemes



ERA-NET scheme in FP7



- Close links with FP7 research priorities (**NEW!**)
- Implemented under Cooperation and Capacities (**NEW!**)
- In addition, support for actions of a horizontal nature or not directly linked to Cooperation or Capacities

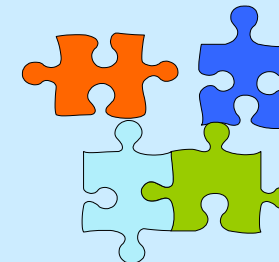


Coordination of national programmes Overview FP7

ERA-NET

Like in FP6: Coordination of programmes

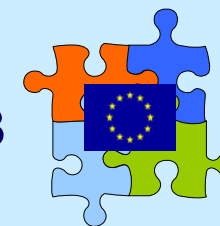
- ✓ MS agree and fund joint calls/programmes
- ✓ EU funding only for coordination



ERA-NET *Plus*

New in FP7: To up of a single joint call

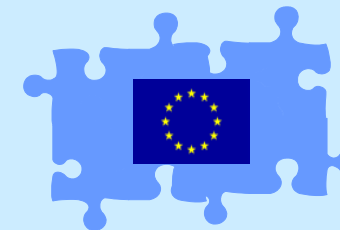
- ✓ MS contribute to a joint trans-national call 2/3
- ✓ EU funding for research: 1/3 of the joint call



Art. 169

Full integration of national programmes

- ✓ Scientific and financial: strong EU funding
- ✓ Single implementing structure





ERA-NET actions Objective

To develop and strengthen the coordination of public research **programmes** carried out at national or at regional level.

“**Programmes**” should be understood as entire research programmes, or parts of such programmes, or similar initiatives having the following characteristics:

1. be strategically planned
2. be carried out at national or regional level
3. be financed or managed directly by national or regional public bodies, or by structures closely related (e.g. agencies)



ERA-NET actions Participants

All participants should be either:

- **programme owners**, such as national ministries or regional authorities managing a research programme
- **programme managers** (e.g. research councils, agencies) which implement research programmes under programme owners' supervision
- in justified cases: **programme owners without a research programme** but planning to set up one (**NEW!!!**)

Participants from **at least 3 different MS or AS**

In addition to the minimum number of participants **other legal entities** (e.g. charities) managing research programmes, may participate



ERA-NET actions Activities

A step by step approach is proposed

ERA-NET may include the following **activities** to foster coordination and cooperation between programmes:

- 1 – Systematic **exchange** of information & best practice
- 2 – Definition and **preparation** of joint activities
- 3 – Implementation of **joint activities**
- 4 – **Funding of transnational research**



FP6 ERA-NET actions towards FP7 New actions under FP7

Reinforcement of the ERA-NET scheme:

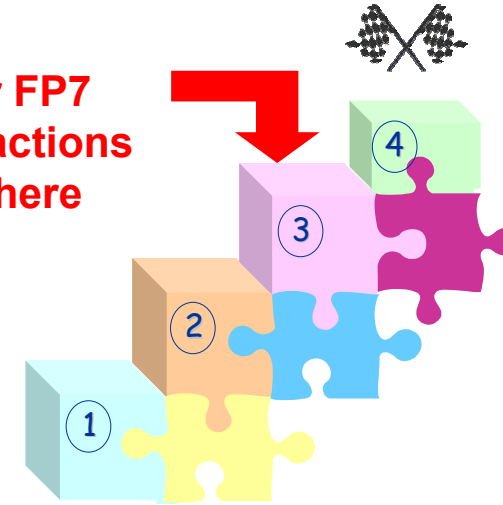
- **Broadening** and **deepening** the scope of existing ERA-NETs (to broaden the partnership and scope of the ERA-NETs and deepen the activities towards mutual opening of programmes)
- **Continuity** of ERA-NET for new topics as the scheme which provides a framework for the coordination of public research programmes

ERA-NET in FP7



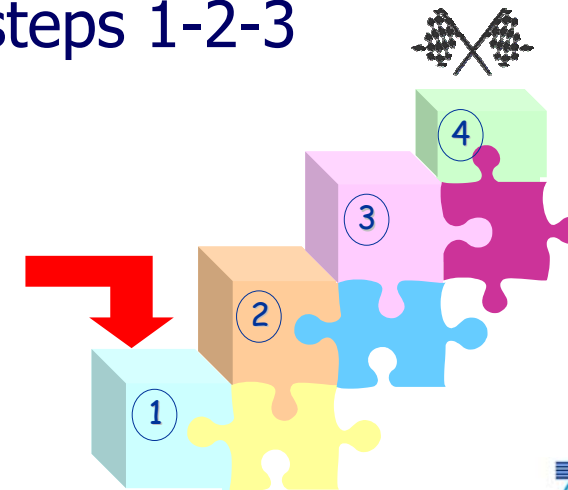
- ERA-NETs launched under FP6 should focus on steps 3 and 4

Under FP7
Follow actions
start here



- Fully new FP7 ERA-NETs should address steps 1-2-3 but preferably go beyond

Under FP7
New actions
start here





ERA-NET Plus actions

Objective is to organise joint calls for proposals between national and/or regional research programmes. Actions shall cover subjects which have **sufficient European added value**, whereby:

- The joint call shall **pool the financial resources** between the participating programmes
- The Community shall provide a **financial top up**

[Applicable only in a limited number of cases]



PARTICIPANTS

Eligible participants for ERA-NET Plus actions **are only** :

- **Programme owners**: typically national ministries/regional authorities
- **Programme “managers”** (e.g. research councils or funding agencies) that *implement* research programmes

Only in addition to the minimum of 5 eligible participants, other private legal entities (e.g. charities) managing/financing programmes

Excluded are:

Programme owners/managers which do **not have yet a running research programme**

Research organisations or universities are normally **NOT** programme owners or managers



ERA-NET Plus in FP7

Provide an **incentive** to organise joint calls for proposals between national and/or regional research programmes. Actions shall cover subjects which have **sufficient European added value**, whereby:

- **One joint call** to be implemented per **ERA-NET Plus proposal**
- **Joint evaluation** of proposals, based on **international peer review**
- **Only transnational projects** can be financed out of the joint call

Rules of 5 :

- 5 participants of 5 different MS or AS
- Joint call of minimum 5 million euro
- Maximum duration of 5 years

Max. Community contribution **1/3 of** the total joint **call budget composed of:**

- small part for call management (eligible cost) **and**
- the bulk of the 1/3 **to top up joint call** budget
(fixed % of nat. call contribution - tbd. in the contract)



Bridging measures towards Art.169

Two ERA-NET Plus actions have been **identified in 2007 Cooperation WP** to bridge FP6 ERA-NETs towards FP7 Article 169 Actions

Action 1: ERA-NET iMERA on Metrology

ERA-NET 2005

Coordination Action
iMERA

getting the measurements right

“ We will form a common view of what is needed, identify what needs to be done together, and bring our collective resources to bear in a far more effective way ”

Action 2: ERA-NET BONUS on Baltic Sea Research

ERA-NET 2003

Coordination Action

getting the best from the Baltic

“ BONUS removes a significant obstacle to the establishment of the Baltic Sea Research Area. ”



FP7 ERA-NET vs. ERA-NET Plus

ERA-NET:

ERA-NET Plus:

Objective: Structuring ERA via coordination of national public RTD programmes

“One shot” – joint call between MS & COM to achieve RTD impact

Definition: “Bottom up” in an area invited in WP & call

“Call topic” specified in WP topic – budget - timing

Result: Strategic coordination joint calls/programmes

Single “Major” joint call mixed funding MS & COM

Funding: Grant (CA) only to coordinate/network

funding research (top up) & small part to manage the call

COM role: Catalysing coordination

Incentive for mixed funding of a pre-definded joint call

Specificity:



Tool(s) to support variable geometry in the EU 27



ERA-NET and Plus issue papers

"ERA-NET actions"

PROVISIONS FOR THE PREPARATION OF ERA-NET ACTIONS AND THEIR PRACTICAL IMPLEMENTATION

A draft issue paper serving as background document

RTD B.1
Coordination of national research programmes
Version: 21 Dec 2006

Disclaimer

This document expresses solely the current views of Research Directorate General of the European Commission. Readers should not regard these views as a statement of the official position of the European Commission.

"ERA-NET Plus actions"

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<http://cordis.europa.eu/coordination/fp7.htm>

Launching FP7 – Conference for Information Multipliers – Brussels, 7-8 February 2007

Research Organisations in the EU

- Contribute to the realization of the European Research Area through coordination with these frames with a view to enhancing complementarity and synergy

EIROFORUM: Intergovernmental research performing organisations

- Intensify and further develop cooperation with EIROforum and its member organisations (CERN, EFDA, EMBL, ESA, ESO, ESRF, ILL)
- Explore synergies and conduct joint activities with EIROforum

Other European research organisations, associations and networks (such as ALLEA, ACADEMIA EUROPEA, EARTO, TAFTIE, EUROHORCS and ESF)

- Intensify and further develop cooperation activities



COST

- bottom-up, intergovernmental mechanism - facilitates coordination and exchanges between nationally funded scientists and research teams
- Enhanced complementarity and synergy sought between FP7 and COST
- Support "...at least 210 M€ and up to 250 M€, subject to the mid-term evaluation" from Cooperation SP
- 210 M€: +50% compared to FP6 (250 M€: ~+80%)
- Grant agreement between the Commission and the ESF, the legal entity designated by COST (as under FP6)
- Partnership between the Commission and COST further developed



EUREKA

- The inter-governmental initiative aims to strengthen European competitiveness by promoting cross-border, market-oriented, collaborative R&D
- 38 members, including the European Community

Implement and reinforce co-operation and coordination aimed at increasing complementarities and synergy between EUREKA and FP7 in areas of common interest to further structure the ERA

- Enhance links between EUREKA and FP7, in particular in the process of the development of initiatives based on Articles 169 and 171 of the EU Treaty
 - preparation of the launch of the Eurostars §169 initiative, aimed at R&D performing SMEs
 - preparation of the launch of the ARTEMIS (embedded systems) and ENIAC (nanoelectronics) JTIs, based on § 171
- As member of EUREKA, participate in its governance structures (HLG, NPC, Executive Group)



FP7 Co-ordination of research programmes

Calls & Docs : <http://cordis.europa.eu/fp7/calls>

**Websites : <http://cordis.europa.eu/fp7/cooperation>
(for FP6) <http://cordis.europa.eu/coordination>**

Helpdesk : <http://ec.europa.eu/research/enquiries>

NCP Network : http://cordis.europa.eu/fp7/ncp_en.html

Evaluators : <http://cordis.europa.eu/experts>

