



EUROPEAN  
COMMISSION

European  
Research Area

# ERA-NET and ERA-NET Plus

New opportunities for  
transnational research

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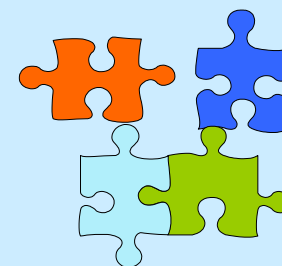
RTD.B1

## Coordination of national programmes: Overview FP7

### ERA-NET

Like in FP6: Coordination of programmes

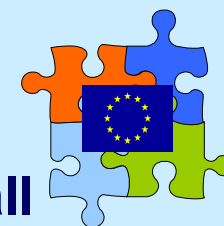
- ✓ MS agree and fund joint calls/programmes
- ✓ EU funding only for coordination



### ERA-NET *Plus*

New in FP7: Top up of a single joint call

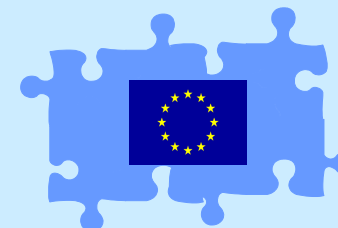
- ✓ MS contribute to a joint trans-national call
- ✓ EU funding for research:  $\leq 33\%$  of the joint call



### Art. 169

Full integration of national programmes

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



## ERA-NET 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 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

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 Activities

**A step by step approach is proposed:**

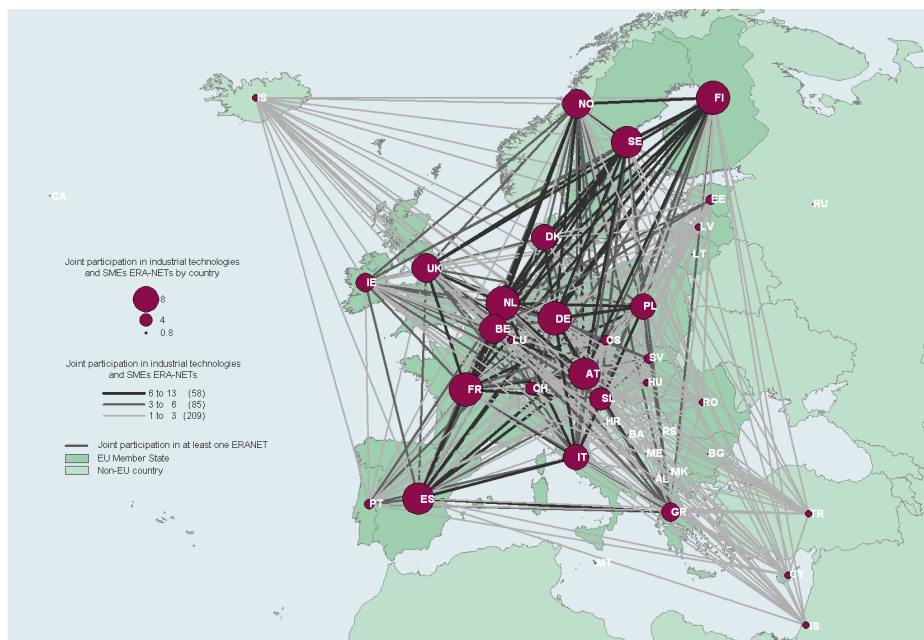
ERA-NET may include the following **activities** to foster coordination and cooperation between programmes:

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

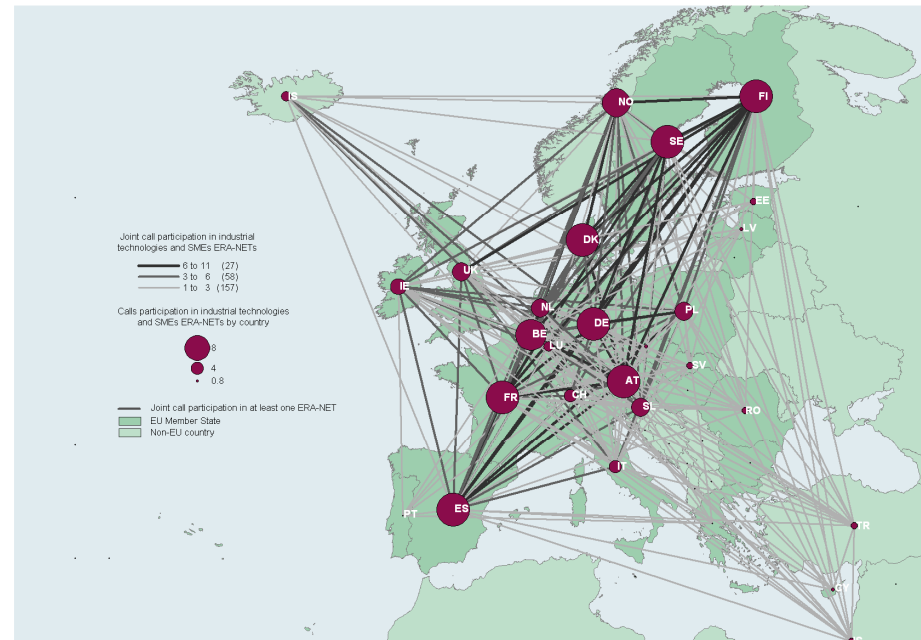


# Overview of joint participations in Industrial Technologies and SMEs ERA-NETs

Joint participation in Industrial Technologies and SMEs ERA-NETs

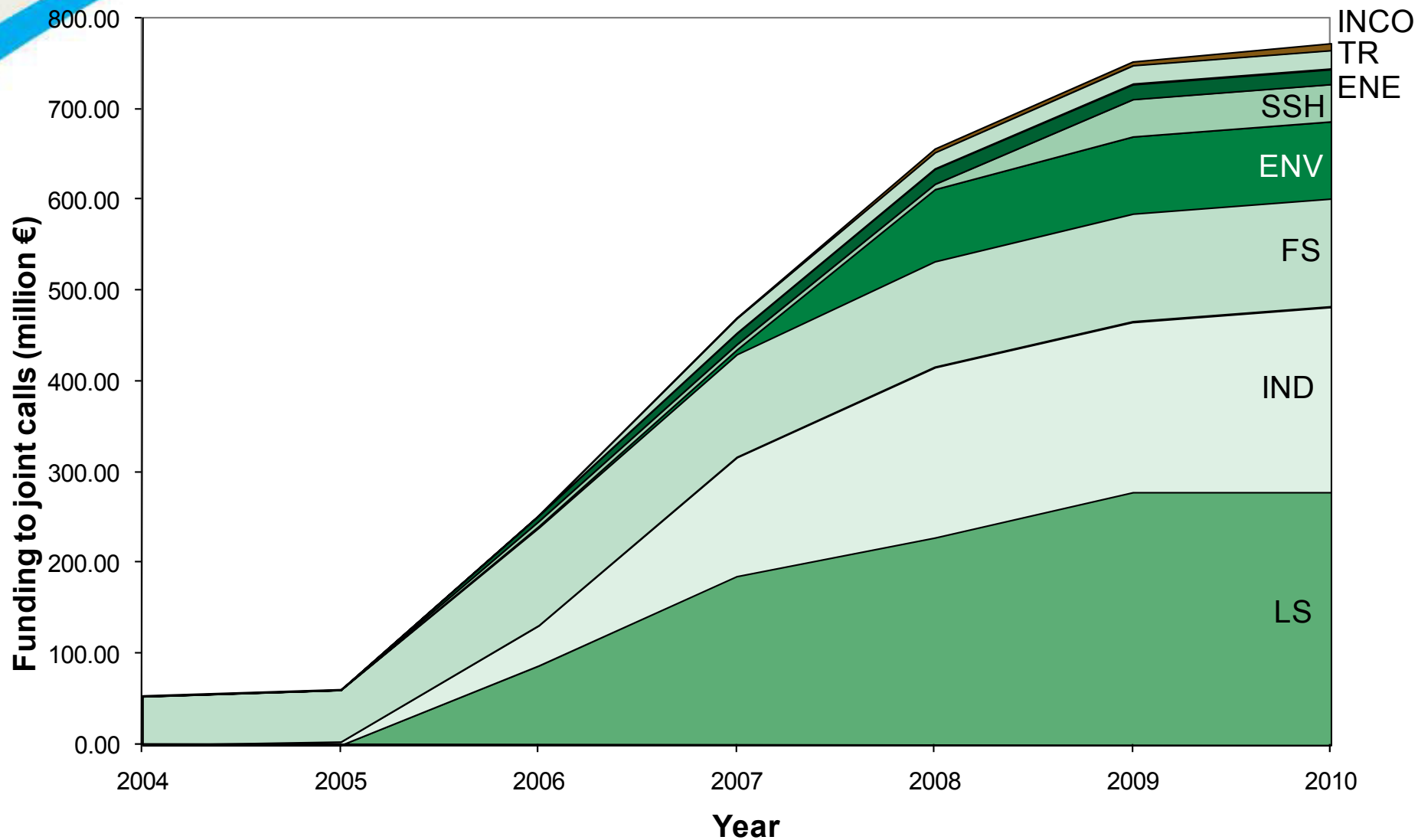


Joint call participation in Industrial Technologies and SMEs ERA-NETs



Initial ambitions shown by the level of participation appeared to have been matched by the number and level of funding contributions. (See Final Report, Volume 4, Section 2.7)

### Cumulative funding to joint calls across years by theme





## ERA-NET scheme From FP6 to FP7

- Immediate success in FP6 with programme owners and managers participating more than 1000 times in over 70 ERA-NET actions
- Majority of ERA-NETs succeed in launching joint calls  
***FP6 ERA-NETs: >1.100 M€ by the end of 2008***  
***FP6/FP7 ERA-NETs & ERA-NET+: ≈ 2.000 M€ by now***
- ERA-NETs fill a gap between national and FP projects  
➔ **Strong SMEs participation**
- Broad variety of other joint activities underpinning the success of transnational programme cooperation
- Enabler for Joint Programming

## The new approach under FP7

### From FP6 to FP7:

- Decentralised implementation of the ERA-NET scheme
  - Coherent implementation of the instruments
  - Light-coordination mechanism supporting collective learning
- ➔ **Need to develop dedicated thematic strategies for the coordination and cooperation of national programmes under FP7**



## ERA-NET landscape: from FP6 to FP7

### FP6:

71 ERA-NETs,  $\approx$  30 still running

### FP7:

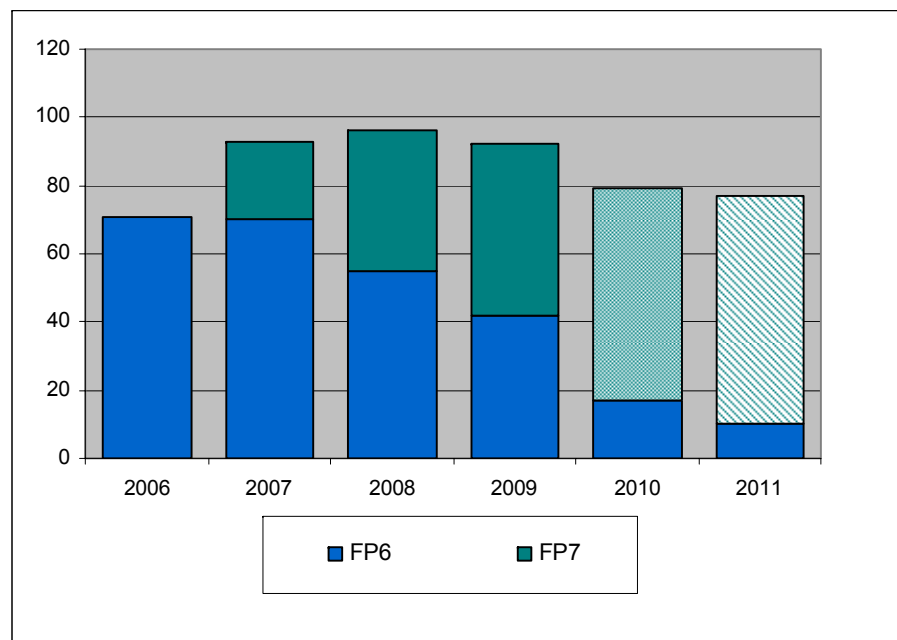
WP 2007: 17 ERA-NET,  
4 ERA-NET Plus

WP 2008: 14 ERA-NET,  
4 ERA-NET Plus

WP 2009: 8 ERA-NET,  
1 ERA-NET Plus

WP 2010:  $\approx$  13 ERA-NET

WP 2011:  $\approx$  15 ERA-NET,  
(planned) 4 ERA-NET Plus



# ERA-NET Plus Electromobility (planned)

- Presently 8 countries involved, further might follow (FR,DE,AT,NL,NO,FI,SE,PL)
- Comprehensive preparation process
- Expected call launch: October-November 2010
- Expected total budget: 20-30 M Euro

**UPCOMING  
Call!!**

## Five thematic key-dimensions

1. Energy and environmental approach
2. Usage patterns, economic models, actors
3. Technical dimensions of the recharge and distribution system
4. Testing, trials and normative standards
5. Applied technological research / Innovation



## ERA-NET Plus Legal Basis

The **FP7 text** introduces the Coordination of Non-Community Research Programmes as follows:

*... "The action undertaken in this field will make use of two main tools: the ERA-NET scheme and the participation of the Community in jointly implemented national research programmes (under Article 169 of the Treaty). The action may cover subjects not directly linked to the ten themes in so far as they have **sufficient European added value**."*

ERA-NET Plus has been introduced in the **Cooperation Specific Programme** as follows:

*... "- **in a limited number of cases**, providing additional Community financial support to those participants that pool resources for the purpose of joint calls for proposals between their respective national and regional programmes ("ERA-NET PLUS")"*



## ERA-NET Plus actions

*Community to provide a financial topping up of max 33%*



small part for call management (eligible costs) and



the bulk of the 33% to top up joint call budget

☞ If MS put together 20 M€, the Commission will provide up to 10 M€, for a total budget of up to 30 M€

### Rules of 5 :

- 5 participants of 5 different Member or Associated States
- Joint call of minimum 5 M€ (Total budget)
- Maximum duration of 5 years

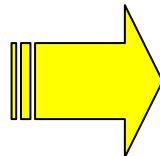


5

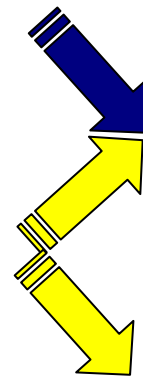


# Financing of ERA-NET Plus

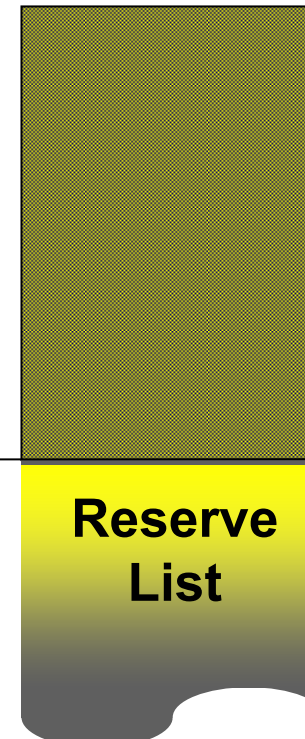
Funding Sources



Joint Call Budget



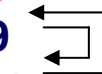
Final agreed Selection list



- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9

A: (peer review)

Ranked list unchanged



B: Normally No change

Final agreed project selection list:

Part A: No adjustments to ranked list after peer review are allowed

Part B: Normally no change at the limit of the reserve list

Only in well justified cases (NOT due to national return)



# ERA-NET Plus

## Success factors "*ex-ante*"

### Relevance to EU objectives:

- Topic of **major interest for the Community** as a whole

### Framework Programme relevance:

- Clearly and specifically **identified in the call** for the ERA-NET Plus

### Pre-existing basis:

- coordination **experience** between national programmes

### Critical mass:

- Substantial joint **call budget** and all **major MS on board**

### Instrument relevance:

- most **appropriate instrument** for this topic



## ERA-NET Plus actions so far

	M€	call/eval/nego	projects
iMERA Plus	64	done	20
BONUS Plus	22	done	16
NanoSci-EPlus	19	done	24
SEE-ERA-NET+	≈ 4	done	23
MATERA+	≈ 23	call stage 2 closed	
NORFACE Plus	29	done	12
HERAJRP	16,4	done	19
ERA-Sysbio+	23	done	16
PIANO+	≈ 27	call stage 2 closed	

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## Supporting initiatives

NETWATCH Information System

→ **Central information platform for transnational R&D programme cooperation & analytical tools**

ERA-NET Learning Platform and ERA-LEARN

→ **Aligning structures and procedures for simplified and efficient joint call activities towards a common organisational framework**

→ **Community building and monitoring of the ERA-NET scheme**

→ [www.ec.europa.eu/netwatch](http://www.ec.europa.eu/netwatch)

### ERA-NETs Information

- [ERA-NETs](#)
- [Participating Countries](#)
- [Programmes](#)
- [Organisations](#)
- [Joint Calls](#)
- [Call Calendar](#)

### Strategic Analysis

- [Mapping](#)
- [Monitoring](#)
- [Impact Assessment](#)

### Learning Platform

- [Toolbox](#)
- [Events](#)

### News

- [Annual ERA-NET event 2010](#)
- [Mutual Learning Toolbox available](#)

### Useful Links

## Introduction

NETWATCH is a European Commission information platform on transnational R&D programme collaboration, with a current focus on the [ERA-NET scheme](#).

NETWATCH supports transnational R&D programme collaboration in Europe, most notably on the ERA-NET scheme. NETWATCH is [mapping these ERA-NETs](#). It provides information on [Joint Calls](#), and will give analysis and evidence of the impact of programme collaboration and describes their scope and results. It also supports mutual learning among transnational programme networks.

## News

### Annual ERA-NET event 2010

The annual ERA-NET event has become the major event for policy makers and funding bodies. The 2010 event takes place in Brussels on 23 and 24 March and registration is open now.

[More ...](#)

### Visit the Mutual Learning Toolbox

On the Learning Platform a [Toolbox](#) waits for you with a wealth of useful information on the practical side of programme cooperation, especially the preparation of Joint Calls.

[More ...](#)

## NETWATCH users

NETWATCH supports **national researchers, research policy makers** in Member States, **R&D programme managers**, and the **Commission's own Research services** by providing relevant information and analysis to assess the efficiency and impact of transnational R&D programme cooperation.

In addition, NETWATCH is also developing an interactive space for mutual learning among programme actors such as national and regional programme managers and/or owners through good practice examples, contact databases and a discussion forum.

NETWATCH offers ...

### for European researchers:

- Research opportunities and practical information, such as links to current transnational joint calls in the [Call Calendar](#) organised by ERA-NETs, thus giving possible access to transnational research projects
- Strategic information, such as on active [RTD programme networks](#), the [thematic focus of RTD programme cooperation](#), [joint calls](#)

### for National RTD programme actors (managers, agencies):

- Factual information, such as [lists of national institutions involved in ERA-NETs](#), [programme information](#) including thematic focus, budgets and participation in ERA-NETs



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**Useful Links**

[Toolbox](#)

### Objectives of the manual

The central goal of this online manual is to provide the ERA-NET community with a sound basis for the implementation of transnational calls for proposals. You will find general information, practical examples and templates.

These optional descriptions, recommendations and guidelines are based on experiences and realistic scenarios, provided as an interactive compilation of modules which reflect the different phases in the planning and operation of joint calls.

The contents are based on past and ongoing ERA-NETs and have proven useful for specific purposes. The documents may be used as blueprints, references or inspiration for future joint call activities.

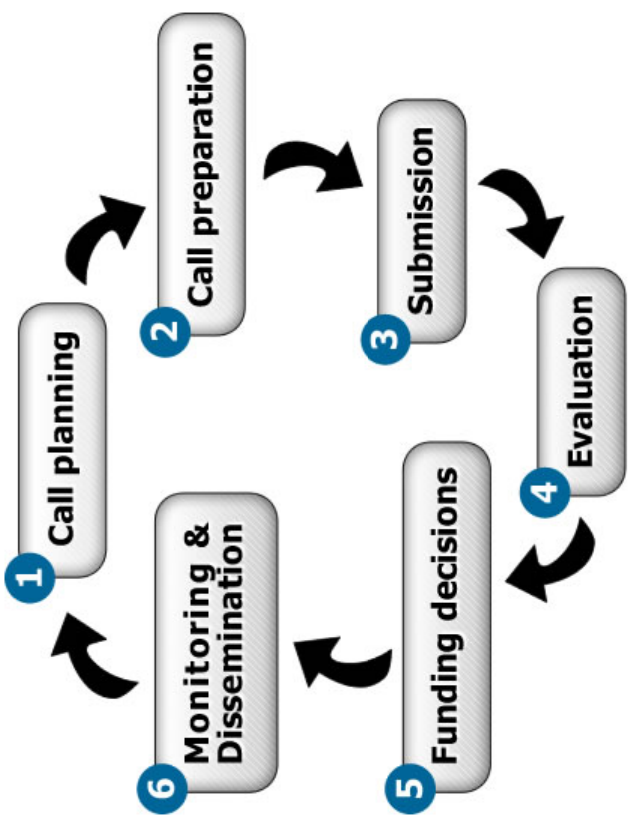
There is no doubt that the ERA-NET instrument is suitable for flexible use; consequently material provided here may be appropriate for various scenarios and constellations whereas less appropriate for various other scenarios and constellations.

All information is based on the input from ERA-NET coordinators. This compilation was developed by ERA-LEARN to simplify and standardise the execution of joint calls as much as possible.

This draft was compiled by ERA-LEARN during 2009. We invite you to check, test and comment and provide us with feedback. An updated version is expected for April 2010.

A [printable version of this manual](#) is provided. Please note that the printable version does not replace the online version, as it does not contain any hyperlinks or templates.

A [printable checklist](#) for call implementation is also provided.





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**Thank you for  
your attention!**

**Any questions?**