



# **“The Seventh Framework Programme (*FP7*) and Trans-national S&T Cooperation across Europe”**

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**“STRENGTHENING COOPERATION TOWARDS A KNOWLEDGE-BASED SOCIETY IN CEI REGION”**

*October 23-24, 2008, Chisinau, Republic of Moldova*



## FP7 2007 –2013 | Specific Programmes

*Cooperation* – Collaborative research

*Ideas* – Frontier Research

*People* – Marie Curie Actions

*Capacities* – Research Capacity



JRC (non-nuclear)

JRC (nuclear)

Euratom



# FP7 in a nutshell

- The Seventh Framework Programme (FP7) includes several specific programmes:



- **Cooperation** – fostering collaboration between industry and academia to gain leadership in key technology areas ()



- **Ideas** – supporting basic research at the scientific frontiers (implemented by the European Research Council).



- **People** – supporting mobility and career development for researchers both within and outside Europe.



- **Capacities** – helping develop the capacities that Europe needs to be a thriving knowledge-based economy.



- **Nuclear research (Euratom programme)** – developing Europe's nuclear fission and fusion capabilities.



# FP7 – the priorities

## Cooperation programme – the core of FP7

- collaborative research across Europe and other partner countries, according to several key thematic areas:
  - health;
  - food, agriculture and fisheries, and biotechnology;
  - information and communications technologies;
  - nanosciences, nanotechnologies, materials and new production technologies;
  - energy;
  - environment (including climate change);
  - transport (including aeronautics);
  - socio-economic sciences and the humanities;
  - space and security.
- includes the new Joint Technology Initiatives
- coordination of non-community research programmes, which aims to bring European national and regional research programmes closer together (e.g. ERA-NET), and the Risk-sharing finance facility.
- multi-disciplinary and cross-theme research, including joint calls for proposals between themes.



## Ideas – and the European Research Council (ERC)

- is the first time an EU Framework research programme has funded pure, investigative research at the frontiers of science and technology, independently of thematic priorities;
- uniquely flexible in its approach to EU research, in that proposed research projects are judged solely on the basis of their excellence, as judged by peer review;
- it is being implemented by the new **European Research Council (ERC)**, which consists of a **Scientific Council** (scientific strategy, establish the work programme, quality control and information activities) and an **implementing agency** (administration, support for applicants, proposal eligibility, grant management and practical organisation).
- research may be carried out in any area of science or technology, including engineering, socio-economic sciences and the humanities.



## **People – boosting European research careers**

- significant support for research mobility and career development, both for researchers inside the European Union and externally.
- implemented via a coherent set of Marie Curie actions, designed to help researchers build their skills and competences throughout their careers.
- includes activities - initial researcher training,
  - support for lifelong training and development- trans-national European fellowships and other actions, and industry/academia partnerships.
- an international dimension with partners outside the EU is to further develop the careers of EU researchers, by creating international outgoing and incoming fellowships to foster collaboration with research groups outside Europe.



## **Capacities- building the knowledge economy**

- to help strengthen and optimise the knowledge capacities that Europe needs if it is to become a thriving knowledge-based economy
- embraces six specific knowledge areas:
  - Research Infrastructures
  - Research for the benefit of SMEs
  - Regions of Knowledge
  - Research Potential
  - Science in Society and International Cooperation activities



## Nuclear research

- this specific programme comprises two parts:
- the first part focusing on nuclear fusion and the international ITER research facility which is to be constructed in Europe.



objectives:

- to develop the knowledge base on nuclear fusion;
- to realise the experimental ITER fusion reactor.

- the second part -nuclear safety, waste management for nuclear fission facilities, and radiation protection.

The Joint Research Centre's activities in this area include developing a European-level view on management and disposal of radioactive waste, maintaining safe operation of nuclear facilities, and supporting further research into nuclear power.

For more information on these and more JRC activities, see [www.jrc.ec.europa.eu](http://www.jrc.ec.europa.eu)

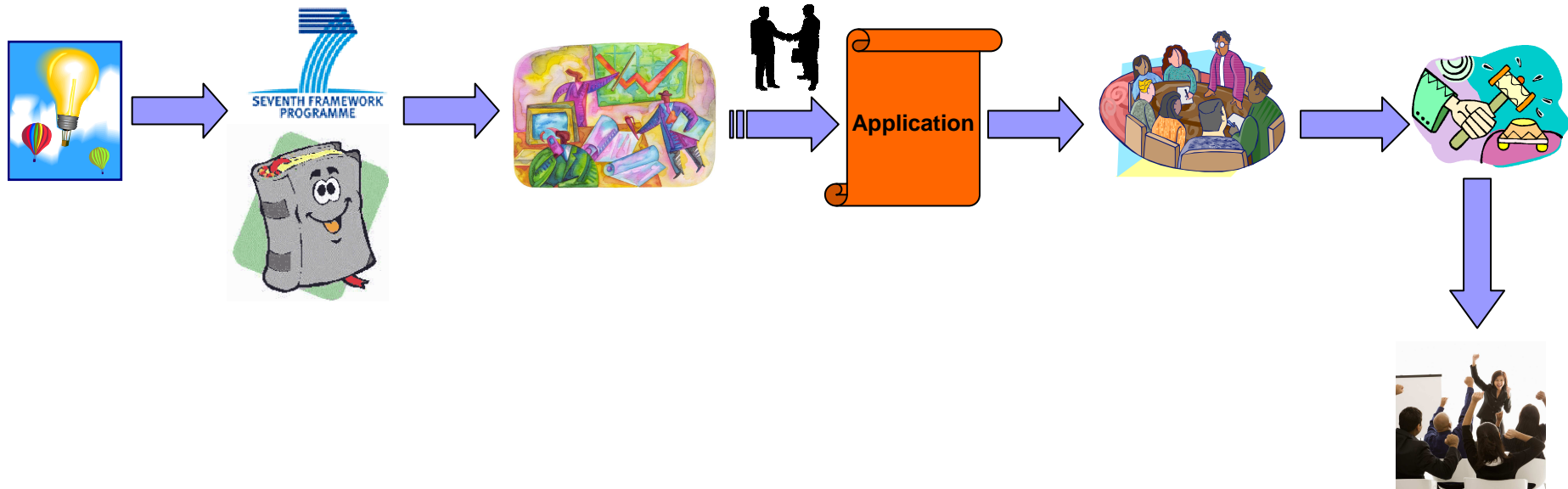


## Who can participate?

- a wide range of organisations and individuals:
  - universities
  - research centres,
  - multinational corporations,
  - SMEs (small to medium-sized enterprises),
  - public administrations,
  - even individuals, from anywhere in the world – all have the opportunity to participate in FP7.

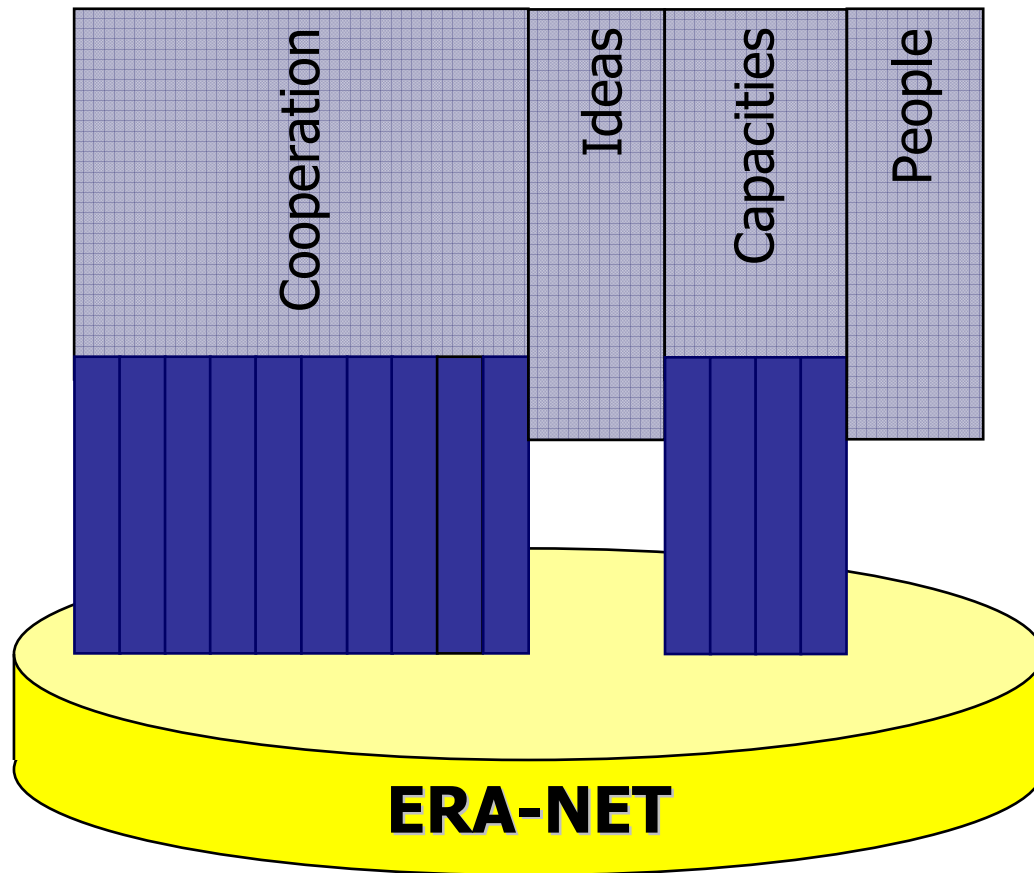
Different participation rules apply depending on the research initiative in question. ( [http://cordis.europa.eu/fp7/home\\_en.html](http://cordis.europa.eu/fp7/home_en.html) )

What To DO: ?





## 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

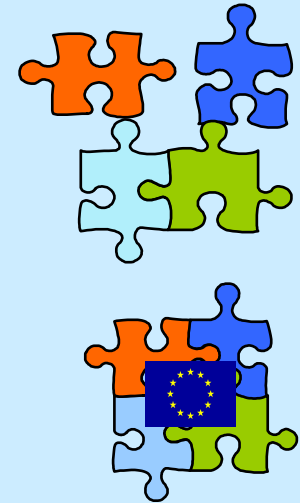
#### Like in FP6: Coordination of programmes

- ☐ 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

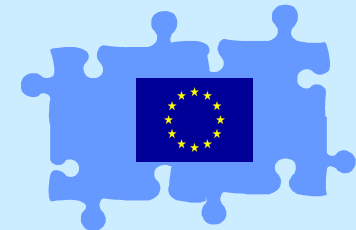
- ☐ MS contribute to a joint trans-national call 2/3
- ☐ EU funding for research: 1/3 of the joint call



### Art. 169

#### Full integration of national programmes

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



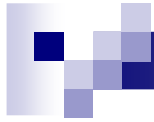


## **ERA-NET Objective**

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:

- be strategically planned
- be carried out at national or regional level
- 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 (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 Activities

A step by step approach is proposed

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

- Systematic **exchange** of information & best practice
- Definition and **preparation** of joint activities
- Implementation of **joint activities**
- **Funding of transnational research**



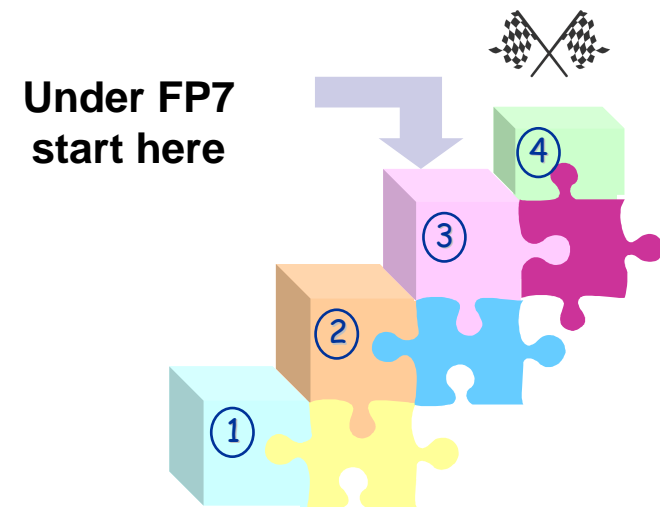
## ERA-NET from FP6 to FP7

### 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

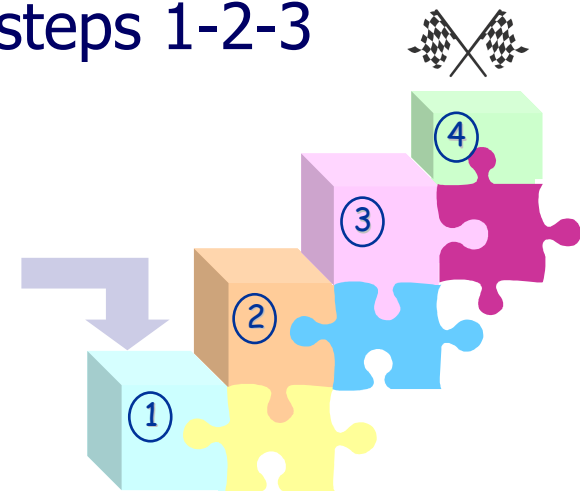
## ERA-NET in FP7

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



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

Under FP7 start here





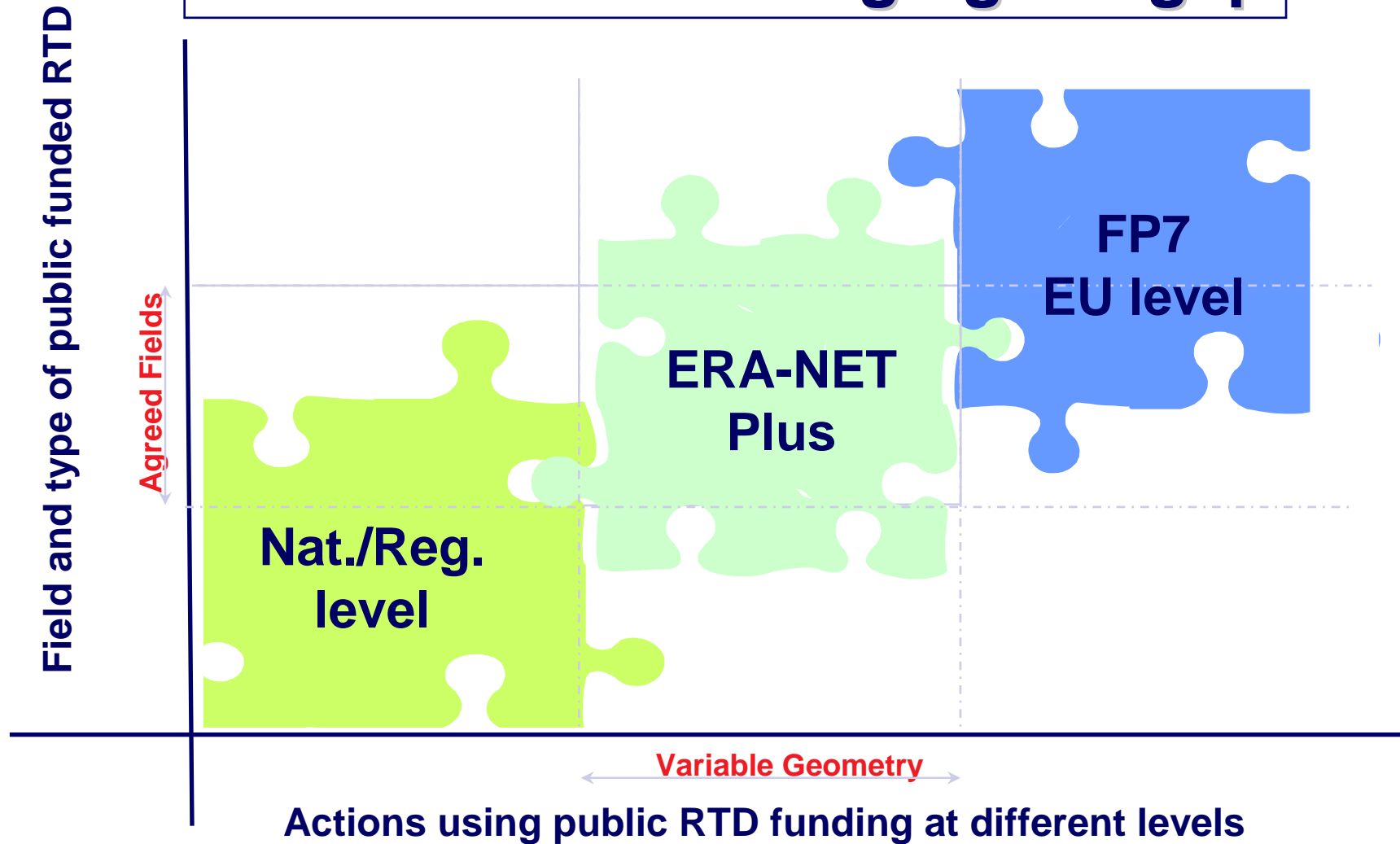
## ERA-NET Plus actions

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 ]

# ERA-NET Plus: Bridging the gap





## Criteria for an ERA-NET Plus

- ❑ **One joint call** to be implemented per proposal
- ❑ Participation of at least **five MS or AS** in the joint call
- ❑ Minimum financial volume of the joint call: **5 million €**
- ❑ Joint **evaluation** of proposals, based on **peer review**
- ❑ Only **transnational projects** can be financed out of the joint call for proposal



# 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:

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

Rules of 5 :

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



## Main objectives of the BS-ERA.NET project

- to **reduce the fragmentation** of the European Research Area (ERA) by improving the coherence and coordination of national and regional research programmes;
- to develop and strengthen the **coordination of public research programmes** conducted at national and regional level, which target a group of countries from the extended Black Sea region;
- to establish an **information exchange and communication framework**;
- to sustain the **communication** in order to develop better reciprocal knowledge and promote trust-building among programme owners and/or managers through a mutual learning process, and a systematic exchange of information and good practices;

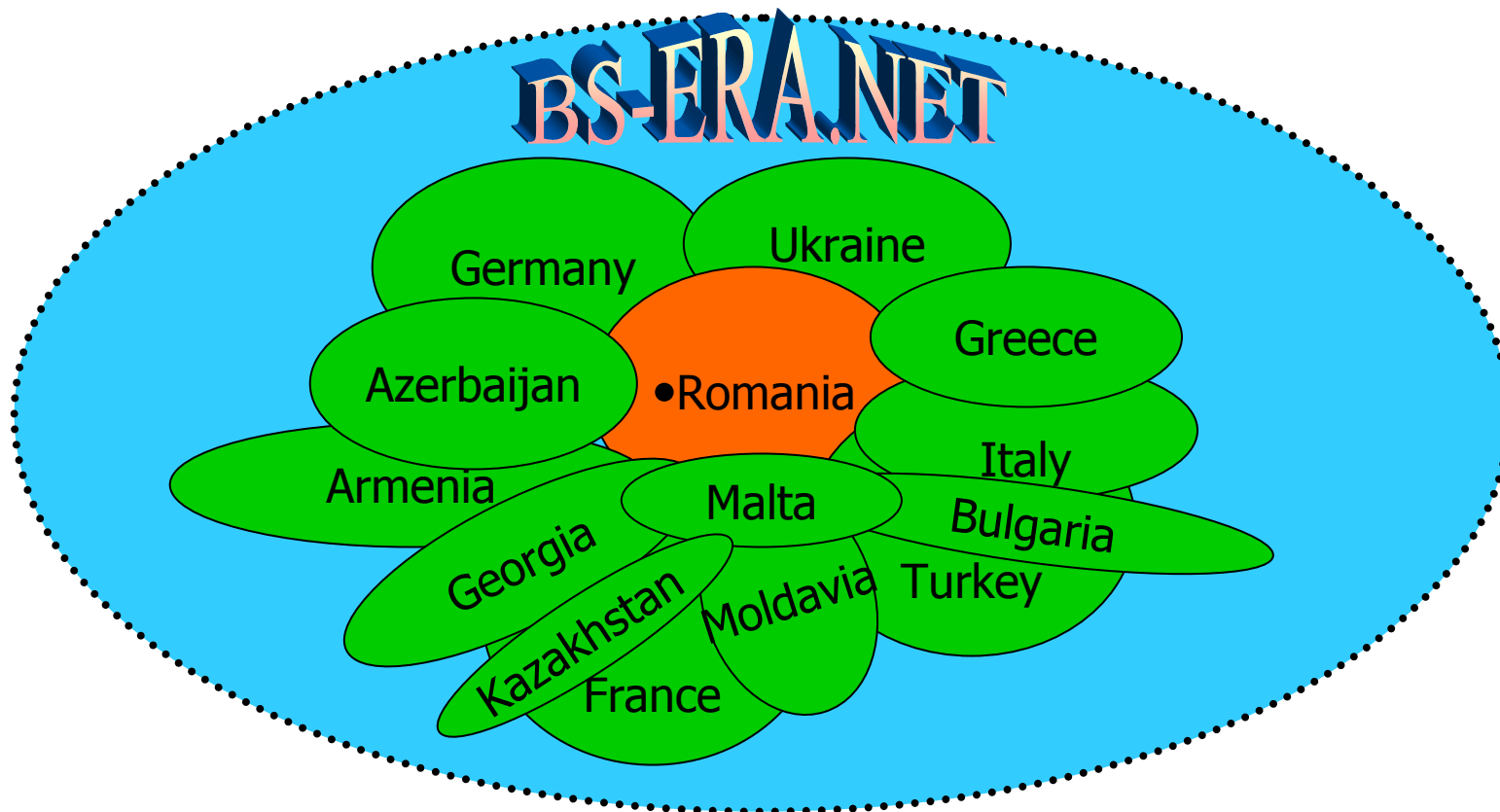


## Main objectives of the BS-ERA.NET project (cont)

- to enhance the **complementarity and synergy** between the Framework Programme and activities carried out in the framework of intergovernmental structures such as COST, EUREKA, NEP, UNESCO-BRESCE, BSEC or EIROforum.
- to provide a **framework to networking** and mutually opening at national and regional research programmes level:
  - => concrete cooperation in the frame of a Black Sea Research Programme (BSRP)
  - => to the development and implementation of joint programmes and activities in the region;

## BS-ERA.NET key data

- **Duration:** January 2009-December 2011= 36 moths
- **Our partners:**14 countries and 17 institutions





## **BS-ERA.NET key data (cont)**

### **Partners**

- CNMP- ROMANIA
- ANCS- ROMANIA
- GSRT – GREECE
- ENEAA- ITALY
- STRC- TUBITAK
- MESR- FRANCE
- CNRS –FRANCE
- ANAS – AZERBAIJAN
- NAS-RA- ARMENIA
- IB-BMBF-DLR GERMANY
- NCP-UKRAINE
- ICBSS- GREECE
- ASM- MOLDOVA
- MCST- MALTA
- GNSF- Georgia
- MESB – BULGARIA
- SCA-RA – ARMENIA



## BS-ERA.NET's ambitious goals

- to provide a key-turn ready **Black Sea Research Programme (BSRP)**
  - to bring to the EU-BS partnership a useful cooperation tool to be implemented according to the needs of the targeted cooperation
  - to act as a frame of cooperation that can be adapted to specific needs;
- the partners of the BS-ERA.NET by dissemination of knowledge, communication and working together are foreseen to build a lasting, innovative and effective synergy among them as an “Union” which will be reviled as a Black Sea Research Programme;

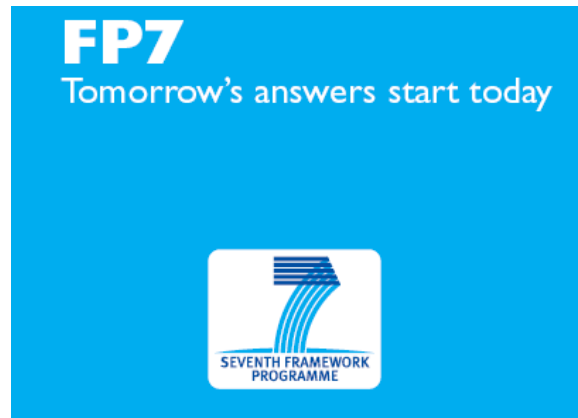


## BS-ERA.NET - state of affairs short outlook (cont.)

### ■ The BS-ERA.NET project

- ✓ is coming in the EU-BS dialogue scene at the right moment due to the fact that under FP6 several projects were developed targeting the Black Sea Region, as ResPot (Research Potential of the Black Sea Countries) or SCOPE-EAST (“Scenarios for a co-ordinated approach to sustainable S&T co-operation with the Eastern Neighbours of the EU”) and in January 2008 the IncoNet EECA (S&T International Cooperation Network for Eastern European and Central Asian Countries) started.
- ✓ in April 2007, the Commissioner for External Relations and European Neighbourhood Policy, Mrs. Benita Ferrero-Waldner, stated: **“with the accession of Bulgaria and Romania, the EU became part of the Black Sea Region”**.

# FP7... get connected!



***Jean Monnet:***

***« We are not uniting states,  
we are connecting people. »***

**!!! [http://cordis.europa.eu/fp7/home\\_en.html](http://cordis.europa.eu/fp7/home_en.html)**



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