

FP7-KBBE-7-2013 Call

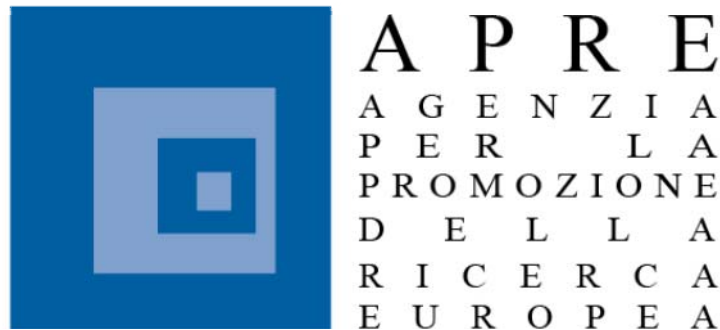
And tips on proposal preparation

Chiara Pocaterra

FP7 BIO National Contact Point
APRE

Bari – 26/10/2012

APRE is non profit research organization with the objective, set by the Article 3 of its statute, to promote the italian participation to the programs of research and development financed by the European Commission.



First of its kind in Italy, **APRE was created in 1989** as a **“Task Force”** of the Ministry of Universities and Research



In 1990 it becomes formally established by **Confindustria, ENEA, FAST and Mondimpresa**

It is supported by numerous universities, public and private organizations of the academic, industrial and financial sectors.

[WHAT IS APRE?]

Improve the “Quality”
of the Italian
participation in
European programs of
scientific research and
innovation.

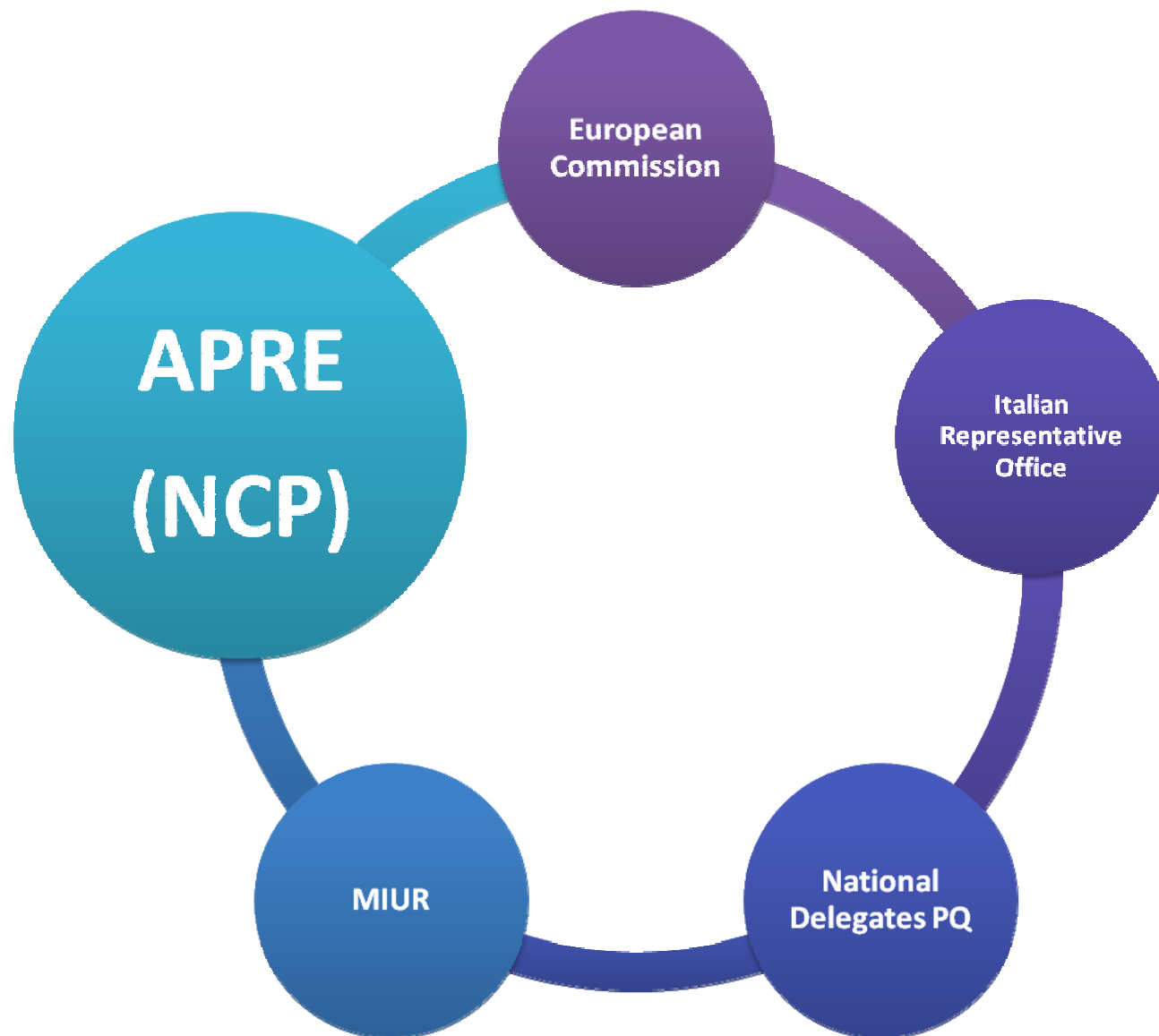
On behalf of the Ministry of Education, Universities and Research (MIUR), APRE aims at providing information, support and assistance on the participation in the European programs of research and technological development to public and private entities, as well as individuals. Hosts the National Contact Point (NCP) network.

Assistance

Training

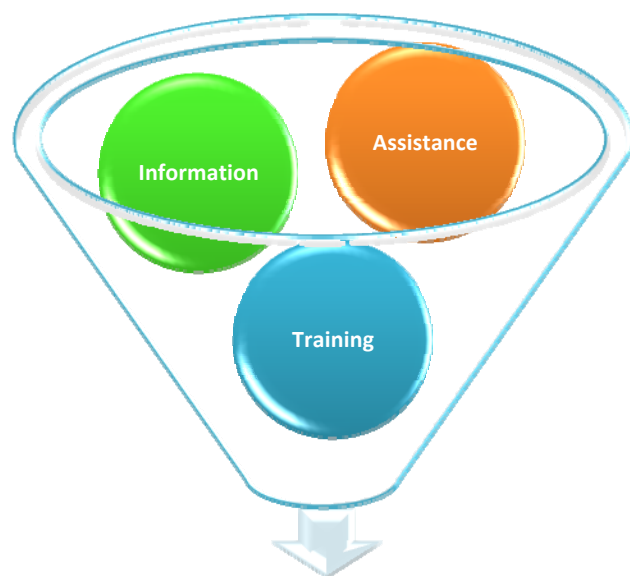
Information

[MISSION]



[MISSION]

APRE hosts the **National Contact Points** of the “Seven Framework Programme” in Italy. These are nominated by the Ministry of Education, Universities and Research (MIUR), and are recognized by the European Commission.



Winning Proposal

[MISSION]

Information

- Conferences
- News Alert
- Website (www.apre.it)
- Publications

Training

- Being a good coordinator
- Design of a proposal
- How to disseminate the results of research
- Intellectual Properties and Consortium Agreement

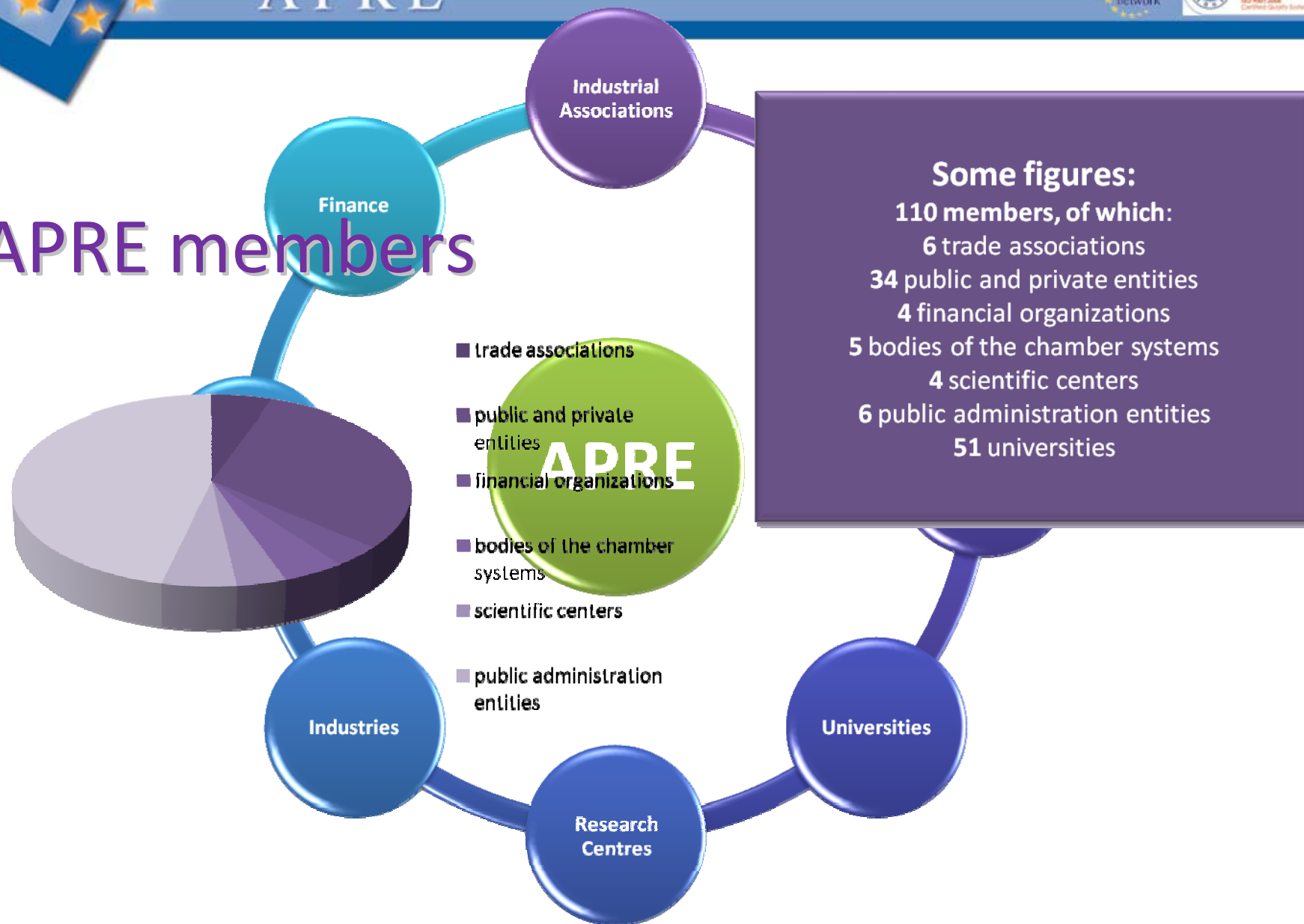
Support prior to the beginning of the project (telephone, email and meetings)

- Identification of subject and topic FP7
- Verify the eligibility of the proposal
- Pre-screening of proposal
- Assistance in the use of EPSS System

Support after the beginning of the project (telephone, email and meetings)

- Negotiation
- Project management
- Dissemination of the results
- Reporting

APRE members



[STAKEHOLDERS]

As of January 1st, 2008 APRE is a partner of CINEMA
Central Italy Network to Enhance Competitive business Activities
 one of the 5 official Italian unions within the Enterprise Europe
 Network which gathers small medium enterprises of Lazio, Toscana,
 Marche, Umbria and Sardegna.



The new Enterprise Europe Network represents the professional growth of the previous networks of Innovation Relay Centre and of the Euro Info Centre, combining the competencies, the services and the tools to help small and medium enterprises to develop their innovation potential and facilitate access to the European financing programs for the internationalization and innovation.



L'Europa alla portata della vostra impresa.

[NETWORK]

It is mainly addressed to the small and medium enterprises of all sectors, but also:

- **Public and private research entities** which want to bring their results into the market
- **Companies incubators**, technological poles and industrial districts which want to offer value added services
- **Trade associations** and local public entities for the start of cooperative initiatives to reach the growth of the economical system

To strengthen the way of cooperating between the public and private institutions in the scientific and technological research, as well as promoting and disseminating the European research at the national level, APRE has to its disposal regional desks.



The desks, in addition to providing all the specific APRE services, give an office to support the initiatives created by the APRE members in the region, especially those organized by other institutions and organizations involved in the research and technological innovation

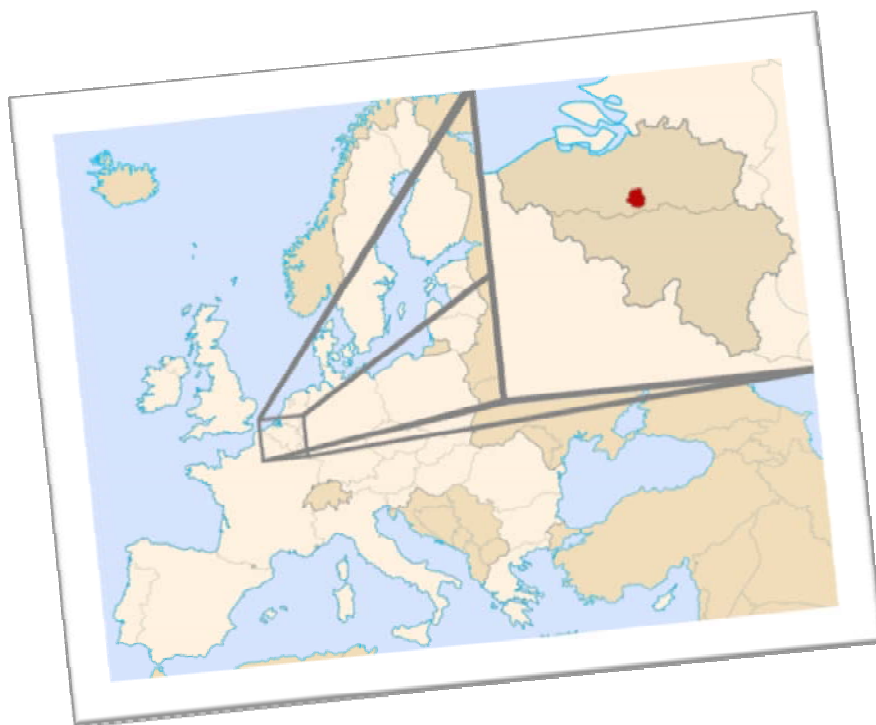


Hosted and managed by the APRE members, the APRE desks are access points to information and regional operation, coordinated by the Head Office in Rome.



[APRE RESOURCES— LOCAL DESK]

APRE BRUSSELS offers to its members:



Participation to events and information days

Spread of updated information of regulations, initiatives and research opportunities in Europe

Direct link with the various stakeholders of European research (European Institutions, liaison office and research bodies of the member countries, Confederations and paneuropean unions)

Escorting to the meetings with the officials of the European Commission

Meeting room for international European project of research

[APRE RESOURCES – EUROPEAN DESK]

Face to face

Web-site

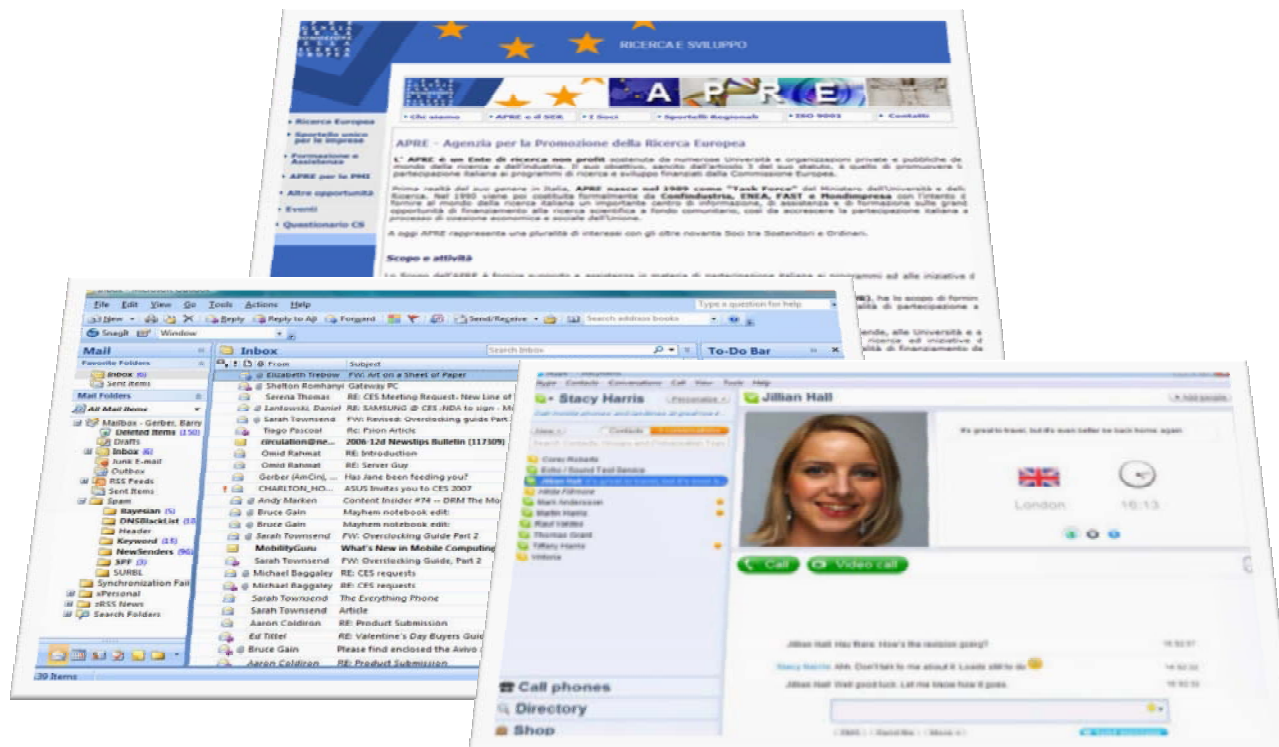
Newsletter

Telephone

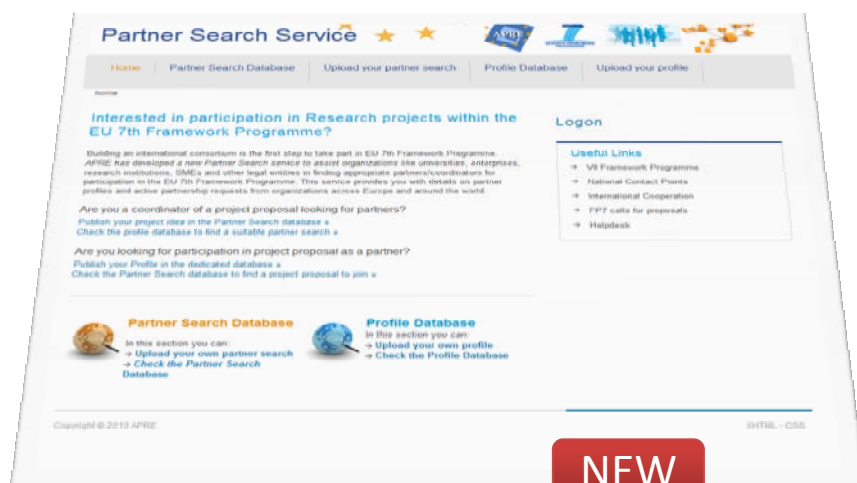
Email

Skype

Events



[APRE RESOURCES – COMMUNICATION]



APRE has developed a new partner service to assist organizations, such as universities, research institutions, small and medium enterprises, and other legal entities and other research partners or coordinators which can participate in Settimo Programma Quadro.

The service allows the gathering of information on partner's profiles, as well as being updated on the partnership requested in Europe and the World.

To build an international union is the first step towards the participation in the Settimo Programma Quadro.

[APRE RESOURCES – PARTNER RESEARCH]



The intranet service is dedicated to APRE members and allows a two-way communication between these and APRE



Members can receive strategic information by using the intranet service



The Intranet service helps in the “networking” between APRE members

[APRE RESOURCES – INTRANET]



APRE



APRE

www.apre.it

Agenda

The EU Policy context

The EU Bioeconomy Strategy & Action Plan

FP7- Food, Agriculture and Fisheries and Biotechnology

2013 Call

Bioeconomy: the EU Strategy

European Commission Communication on Innovating for Sustainable Growth: A Bioeconomy for Europe

13 February 2012

*Adoption and presentation by the **European Commission***

15 February 2012

*Presentation to the European Council **Research Working Party***

21 February 2012

*Presentation to the **Competitiveness Council** (lunch debate)*

26-28 March 2012

*Danish Presidency - associated
Conference
“Bioeconomy in Action”*



"It is particularly important that research and innovation policy interacts more strongly with other policy areas and vice versa in order to drive the bioeconomy"

The Bioeconomy: An EU priority

EU 2020 Strategy:

Smart growth

Sustainable Growth

Inclusive Growth

Building
a sustainable
Bioeconomy for
Europe

Innovation Union:

Turning innovative ideas into products and processes for growth and job creation.

Bioeconomy

A cornerstone of the EU economy...

In 2010, the Bioeconomy represented :

- *2 trillion € annual turnover*
- *1 trillion € value added, ± 9 % GDP*
- *22 million jobs, ± 9 % of the EU's workforce*

Sector	Annual turnover (bil€)	Employment
Food	965	4,400
Agriculture	381	12,000
Paper/Pulp	375	1,800
Forestry/Wood ind.	269	3,000
Fisheries and Aquaculture	32	500
Bio-based industries		
Bio-chemicals and plastics	50 (est.)	150 (est.)
Enzymes	0.8 (est.)	5 (est.)
Biofuels	6	150
Total	2,078	22,005

Bioeconomy

... with high GROWTH potential

By 2025, € 4.7 billion research funding associated to the Bioeconomy under Horizon 2020 will generate high impacts on European economies:



For 1 € invested → 10 € of value added in Bioeconomy sectors

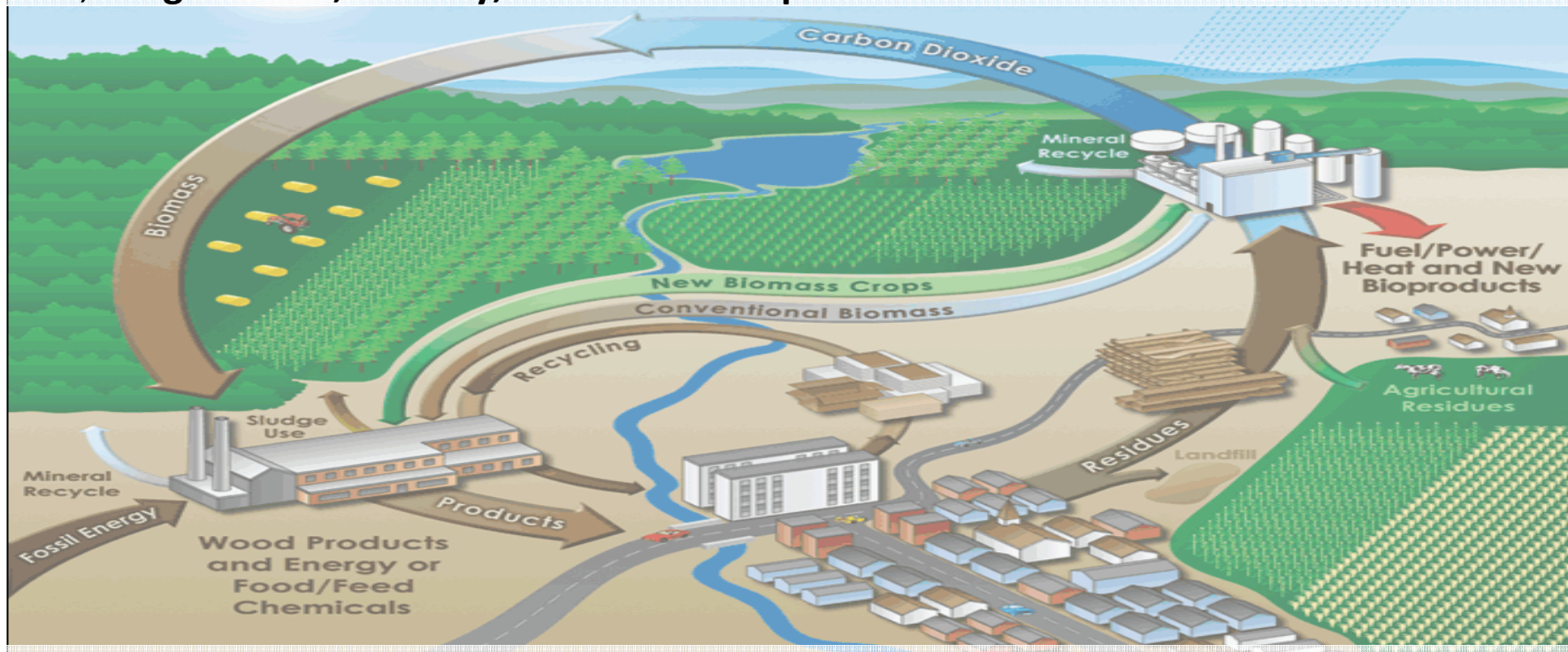
For 35,000 € invested → 1 job

Further growth is expected from other – direct and indirect – public and private investments in all parts of the bioeconomy.

EU Bioeconomy Strategy

Using biological resources
to produce more and better, from less

Sustainable use and optimised production of renewable biological resources from land and sea, in **agriculture, forestry, fisheries and aquaculture...**



...and processing these renewable resources and waste streams into value added **bio-based products** in the **food, energy and manufacturing industries.**

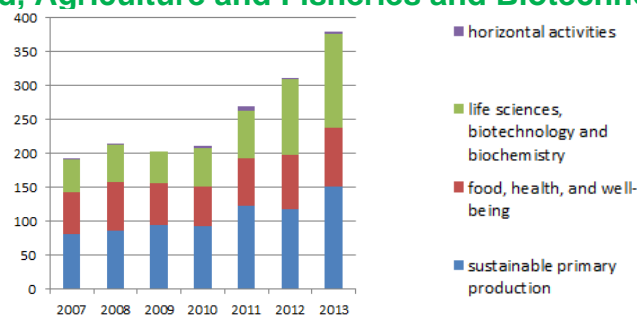
Bioeconomy Strategy: Why is it important?

The Bioeconomy Strategy contributes to:

- Ensuring **food security**
- Managing **natural resources sustainably**
- Reducing **dependence on non-renewable resources**
- Mitigating and adapting to **climate change**
- Supporting **new bio-based industries**, producing **new bio-based products** and **greening the industry**
- Creating **jobs**, maintaining **EU competitiveness** and boosting **sustainable growth**

Shifting towards Horizon 2020

FP7 Cooperation Theme 2 €1,9 Billion for Food, Agriculture and Fisheries and Biotechnologies



WP2013, bridging with Horizon 2020:

- Tackling priorities, in a challenge-based approach
- Supporting Innovation, with closer to market activities
- Supporting SME participation
- Favouring bottom-up approaches

Proposal for Horizon 2020

€4,7 Billion for tackling EU bioeconomy challenges (+150%)
€600 Million for fostering EU industrial leadership in biotechnologies

INNOVATION

CHALLENGES

FP7-Co-operation Theme 2

Food, Agriculture and Fisheries and Biotechnology

2013 Call

FP7 - Food, Agriculture and Fisheries, and Biotechnology

KBBE (Knowledge-Based-BioEconomy)



KBBE - Activity 2.1

Sustainable production and management of biological resources from land, forest and aquatic environments



KBBE - Activity 2.2

“Fork to farm”: Food (including sea-food), health and well being



KBBE - Activity 2.3

Life sciences, biotechnology and biochemistry for sustainable non-food products and processes

FP7 - Food, Agriculture and Fisheries, and Biotechnology WP 2013

- **2 Calls**

FP7-KBBE-2013-7	Budget : € 341 M Deadline : 5 Feb. 2013 Single stage
Ocean of Tomorrow 2013	Budget : € 55 M Numb. of topics : 4 Deadline : 7 Feb. 2013 Single stage

- **Publication: 10 July 2012**

<http://ec.europa.eu/research/participants/portal/page/home>

FAFB – 2013

Approach

Contributes to Europe 2020, Innovation Union Flagship

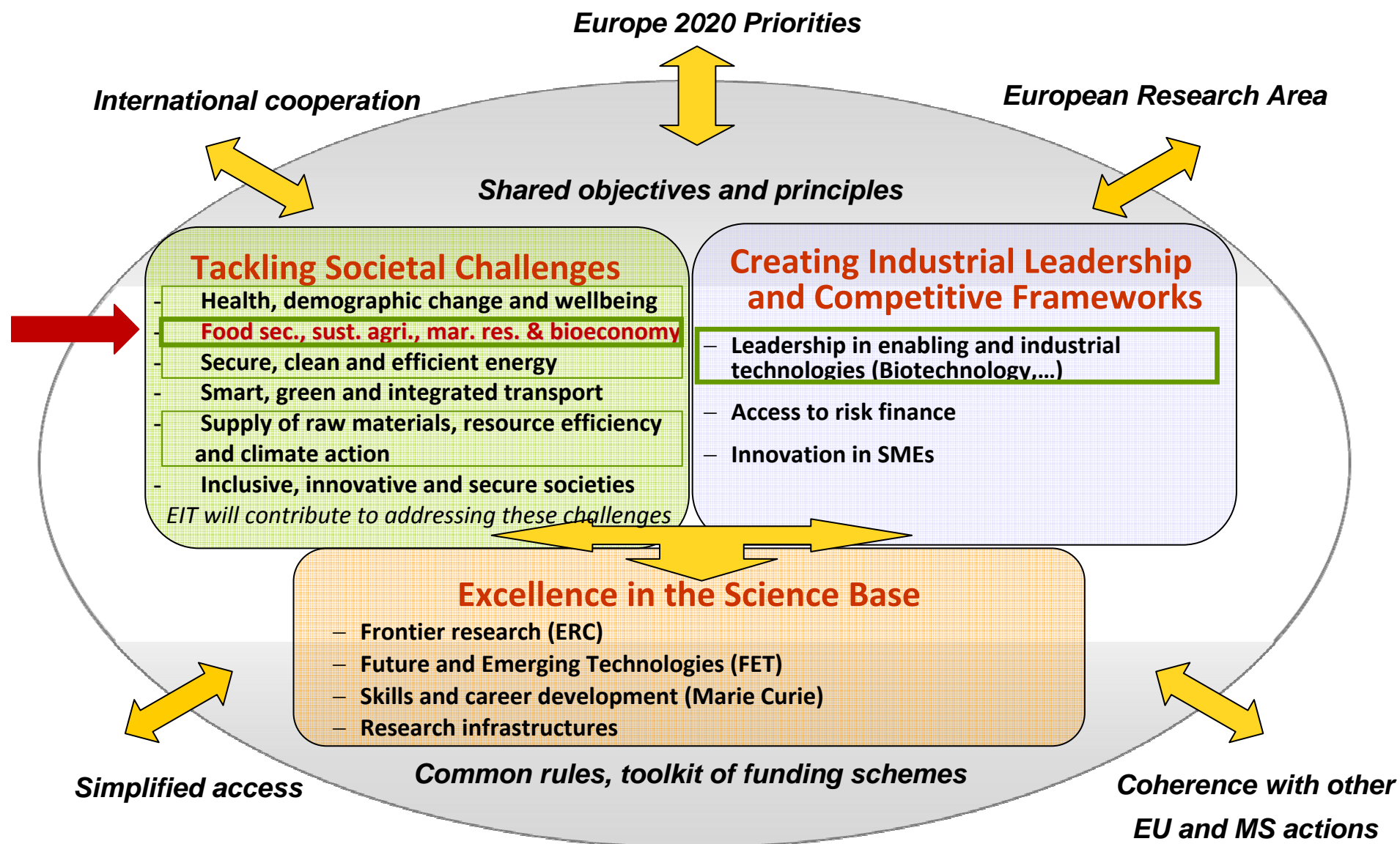
- Smart and sustainable GROWTH, based on knowledge and innovation

Addresses priorities:

- Bio-resource efficiency incl. enhancement of bioeconomy markets, in line with EU Bioeconomy Strategy
- Other priorities: Oceans of the Future
 - Water
 - Secure, clean and efficient energy
 - Brain research
 - Anti-Microbial Resistance

Bridges to Horizon 2020, tackling challenges and supporting innovation

Bridging to Horizon 2020



Bridging with Horizon 2020:

➤ societal challenge – driven

1. sustainable **agriculture and forestry**
2. sustainable and competitive **agri-food** sector for a safe and healthy **diet**
3. unlocking the potential of **aquatic living resources**
4. sustainable and competitive **bio-based industries**

➤ supporting innovation

➤ strengthening SMEs participation

➤ Fewer and less prescriptive topics

FAFB – 2013

Bridging with Horizon 2020:

Supporting Innovation

- **From FP5 to FP7 2011:** 5% projects → new companies
38% projects → permanent job
- **WP 2013 : emphasis on “from discovery to market uptake”.**

Several topics require / encourage:

- ▶ **Proof-of-concept, prototyping, demonstration** (16 topics)
e.g. demonstrating the potential of biotechnological applications
- ▶ **Knowledge transfer and exploitation of results** (23 topics)
e.g. network for transfer of knowledge on traditional food to SMEs
- ▶ **Demand-side measures, such as pre-commercial procurement or standardisation activities** (4 topics)
e.g. standardisation, labelling and procurement for bio-based products
- **Bottom-up approaches** with cross-cutting and cross-thematic topics, allowing for participants to freely develop their solutions to achieve the expected impact (6 topics)
e.g. generating tools and methods for synthetic biotechnology applications

FAFB – 2013

Bridging with Horizon 2020:

Strengthening SME participation

- In FP7 KBBE 2012 selected proposals: 36% SMEs, 26% budget
- In 2013, continued focus on industrial and SME participation:
 - ▶ SMEs as key players to foster innovation
 - ▶ Almost 20% of budget earmarked for SME participants
 - ▶ A majority of topics have ring-fenced budget for SMEs:
EU contribution for SMEs varies from
10% up to 75 % of topics' budget (27 topics)

FAFB – 2013

Regional Dimension

- Ideas, data and measures to help regions defining Smart Specialisation Strategies
- **Examples of Topics:**
- **-Bioeconomy and bioregions**
- **-Network for the transfer of knowledge on traditional foods to SMEs**

Strengthening the ERA

Public-Public-Partnership

5 ERA-NETs, including

- Sustainable Forest Management and Multifunctional Forestry.
- Integrated Pest Management (IPM).
- Information and Communication Technologies (ICT) and robotics for sustainable agriculture.

2 ERA-NET+, covering

- Climate smart agriculture
- Innovative solutions in organic food and agriculture