

Funding opportunities for food research and innovation cooperation

Funding Opportunities for Food sector RTD/ innovation

**7th Research
Framework Programme
(FP7) and Horizon 2020**

**Competitiveness
and Innovation
Framework Programme
(CIP)**

**National
Structural Funds**

**European Territorial
Co-operation
Programmes**

**Other food innovation
support initiatives**

Possible beneficiaries



**Food and drink
companies**



**Research
entities**



Universities



**Business &
research
organisations**



**Chambers of
Commerce**



**Public
Authorities**

Type of involvement

RESEARCH: to engage in research activities in order to generate new knowledge and enhance research capacity

INNOVATION/TECHNOLOGY TRANSFER:
to develop new or improved products and services
or up-date production processes/
organisation/ marketing strategy

ENTERPRISE: enterprise development that exploits research and innovation results to set up an innovative company, expand business activities and create new business and technology partnerships



7TH RESEARCH FRAMEWORK PROGRAMME

7th Research Framework Programme (FP7)- Food, Agriculture and Fisheries and Biotechnology



Call Deadline: 05 February 2013

**Food, Agriculture
and Fisheries,
and Biotechnology**

€ 341.35 million

End-users of new technologies (such as breeding companies, SMEs or agricultural cooperatives involved in the production, packaging or control of food or feed, etc);
technology providers (mainly engineering companies)
or technology-based biotechnology companies
(in the areas of agricultural or industrial biotechnology)

**Activity 2.1 - Sustainable
production and management
of biological resources from land,
forest and aquatic environment**

**Activity 2.2- Fork to farm:
Food (including seafood),
health and well being**

**Activity 2.3- Life sciences,
Biotechnology and biochemistry
for sustainable
non-food products and processes**

Activity 2.2 Fork to farm: Food (including seafood), health and well being		
Area 2.2.1 Consumers	<i>KBBE.2013.2.1-01: Impact of food and nutritional behaviour, lifestyle and the socio-economic environment on depression and proposed remedial actions</i> <i>One project may be funded</i>	<ul style="list-style-type: none"> - Collaborative Project (large-scale integrating project). - The requested European Union contribution shall not exceed EUR 9 000 000 per proposal
Area 2.2.2 Nutrition	<i>KBBE.2013.2.2-01: New technologies to study brain function in relation to eating behaviour</i> <i>One project may be funded</i>	<ul style="list-style-type: none"> - Collaborative Project (large-scale integrating project). - The requested European Union contribution shall not exceed EUR 9 000 000 per proposal.
	<i>KBBE.2013.2.2-02: Factors influencing the human gut microbiome and its effect on the development of diet-related diseases and brain development</i> <i>One project may be funded</i>	<ul style="list-style-type: none"> - Collaborative Project (large-scale integrating project). - The requested European Union contribution shall not exceed EUR 9 000 000 per proposal
	<i>KBBE.2013.2.2-03: Food-based solutions for eradication of vitamin D deficiency and health promotion throughout the life cycle</i> <i>One project may be funded.</i>	<ul style="list-style-type: none"> - Collaborative Project (large-scale integrating project) - The requested European Union contribution shall not exceed EUR 6 000 000 per proposal.

Area 2.2.3 Food processing	<p><i>KBBE.2013.2.3-01: Development and industrial application of sensors for food processing operations</i></p> <p><i>Up to three projects may be funded</i></p>	<ul style="list-style-type: none"> - Collaborative Project (small medium-scale focused research project targeted to SMEs). - The requested European Union contribution shall not exceed EUR 3 000 000 per proposal. - The estimated EU contribution going to SMEs shall be at least 20 % of the total requested EU contribution. This will be
		<p><i>assessed at the end of the negotiation, before signature of the Grant Agreement.</i></p>
	<p><i>KBBE.2013.2.3-02: Network for the transfer of knowledge on traditional foods to SMEs</i></p> <p><i>Up to two projects may be funded</i></p>	<ul style="list-style-type: none"> - Coordination and Support Action (supporting action). - The requested European Union contribution shall not exceed EUR 4 000 000 per proposal
Area 2.2.4 Food quality and safety	<p><i>KBBE.2013.2.4-01: Assuring quality and authenticity in the food chain</i></p> <p><i>One project may be funded</i></p>	<ul style="list-style-type: none"> - Collaborative Project (large-scale integrating project). - The requested European Union contribution shall not exceed EUR 9 000 000 per proposal.
Area 2.2.5 Environmental impacts and total food chain	<p><i>KBBE.2013.2.5-01: Assessment of the impact of global drivers of change on Europe's food security</i></p> <p><i>One project may be funded</i></p>	<ul style="list-style-type: none"> - Collaborative Project (small or medium-scale focused research project). - The requested European Union contribution shall not exceed EUR 4 000 000 per proposal.

	<p><i>KBBE.2013.2.5-02: Saving water and energy for resource-efficient food processing</i></p> <p><i>Up to three projects may be funded</i></p>	<p><i>- Collaborative Project (large-scale integrating project targeted to SMEs).</i></p> <p><i>- The requested European Union contribution shall not exceed EUR 6 000 000 per proposal.</i></p> <p><i>- The estimated EU contribution going to SMEs shall be at least 20 % of the total requested EU contribution. This will be assessed at the end of the negotiation, before signature of the Grant Agreement.</i></p>
<p>Area 2.2.6 European Research Area</p>	<p><i>KBBE.2013.2.6-01: Exploitation of results of Framework Programme projects in food, health and well-being by small and medium-sized enterprises</i></p> <p><i>Up to five projects may be funded</i></p>	<p><i>- Collaborative Project (small or medium-scale focused research project targeted to SMEs)</i></p> <p><i>- The requested European Union contribution shall not exceed EUR 2 000 000 per proposal.</i></p> <p><i>- The estimated EU contribution going to SMEs shall be at least 75 % of the total requested EU contribution. This will be assessed at the end of the negotiation, before signature of</i></p>

Call eligibility conditions

Funding scheme	Minimum conditions
Collaborative Projects	At least 3 independent legal entities, each of which is established in a MS or AC, and no 2 of which are established in the same MS or AC
Coordination and Support Actions (coordinating action)	At least 3 independent legal entities, each of which is established in a MS or AC, and no 2 of which are established in the same MS or AC
Coordination and Support Actions (supporting action)	At least 1 independent legal entity.

Evaluation>>> Negotiation>>> Grant Agreement

- **Experts** will carry out the individual evaluation of proposals remotely
- The **evaluation** criteria and scoring scheme are as follows
 - *Science and Technology Quality 3/5*
 - *Implementation 3/5*
 - *Impact 3/5*
 - *Overall threshold 10/15*
- Evaluation results 3 months after deadline
- **Negotiation** procedure/ Reserve List
- **Grant Agreements** Sep –Oct 2013

Other FP7 opportunities for Food related RTD

- **Health-** example: *“Optimising the delivery of healthcare to European citizens”*: *cross- thematic approach with KBBE*
- **Energy-** example: *Enhancing exchange of information, synergies and cross-fertilisation between projects in the field of Biorefineries: **cross- thematic approach** with biotechnologies-agriculture-**food**, energy, environment and industrial technologies*
- **Environment-** example: *Integration of **aquaculture and fisheries** in the coastal zone; Importance of foraging **fish** in the ecosystem; Biomass from micro- and macro-algae for industrial applications*
- **Information and Communication technologies-** example: *Application-specific microsystems and smart miniaturised systems on **food and beverage quality and safety***



COMPETITIVENESS AND INNOVATION PROGRAMME



Competitiveness and Innovation Programme (CIP)

- CIP aims to encourage the **competitiveness of European enterprises**
- **“Access to finance** for SMEs through EU financial instruments”
 - *Targets companies in different phases of their lifecycle: seed, start up, expansion and business transfer; and will support investments in technological development, innovation, technology transfer, and the cross border expansion of business activities*
- **“Eco-innovation”**: *Innovative products, processes and services*
- **“Intelligent Energy Europe”**: *instruments for energy management, including auditing and benchmarking tools, especially for SMEs of the food and drink industry, dairy farming, etc.*
- **“Enterprise Europe Network”**: *information and networking*
- **“Support for policy-making”**



€3,6 billion (2007-2013)



HORIZON 2020





- The new 80 billion euro research and innovation funding programme (2014-2020)
- 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)*



Three priorities:

1. Excellent science

2. Industrial leadership

3. Societal challenges



I. Excellent science, Proposed funding (million euro, 2014-2020)

<i>European Research Council</i> Frontier research by the best individual teams	13 268
<i>Future and Emerging Technologies</i> Collaborative research to open new fields of innovation	3 100
<i>Marie Curie actions</i> Opportunities for training and career development	5 572
<i>Research infrastructures (including e-infrastructure)</i> Ensuring access to world-class facilities	2 478



2. Industrial leadership, Proposed funding (million euro, 2014-2020)

<i>Leadership in enabling and industrial technologies</i> (ICT, nanotechnologies, materials, biotechnology, manufacturing, space)	13 781
<i>Access to risk finance</i> Leveraging private finance and venture capital for research and innovation	3 538
<i>Innovation in SMEs</i> Fostering all forms of innovation in all types of SMEs	619 complemented by 6 829 (expected 15% of societal challenges + LEIT) and 'Access to risk finance' with strong SME focus



3. Societal challenges, Proposed funding (million euro, 2014-2020)

<i>Health, demographic change and wellbeing</i>	<i>8 033</i>
<i>Food security, sustainable agriculture, marine and maritime research & the bioeconomy</i>	<i>4 152</i>
<i>Secure, clean and efficient energy*</i>	<i>5 782</i>
<i>Smart, green and integrated transport</i>	<i>6 802</i>
<i>Climate action, resource efficiency and raw materials</i>	<i>3 160</i>
<i>Inclusive, innovative and secure societies</i>	<i>3 819</i>

Simplification: Rules for Participation



1. A single set of rules

- Adapted for the whole research and innovation cycle
- Covering all research programmes and funding bodies
- Aligned to the Financial Regulation, coherent with other new EU Programmes

2. One project – one funding rate

- Maximum of 100% of the total eligible costs (except for actions close to market, where a 70% maximum will apply)
- Indirect eligible costs: a flat rate of 20% of direct eligible costs

3. Simple evaluation criteria

- Excellence – Impact – Implementation (Excellence only, for the ERC)

4. New forms of funding aimed at innovation: pre-commercial procurement, inducement prizes, dedicated loan and equity instruments

5. International participation: facilitated but better protecting EU interests

Simplification: Rules for Participation



6. *Simpler rules for grants: broader acceptance of participants* accounting practices for direct costs, flat rate for indirect costs, no time-sheets for personnel working full time on a project, possibility of output-based grants

7. *Fewer, better targeted controls and audits*

- Lowest possible level of requirements for submission of audit certificates without undermining sound financial management
- Audit strategy focused on risk and fraud prevention

8. *Improved rules on intellectual property*

- Balance between legal security and flexibility
- Tailor-made IPR provisions for new forms of funding
- A new emphasis on open access to research publications

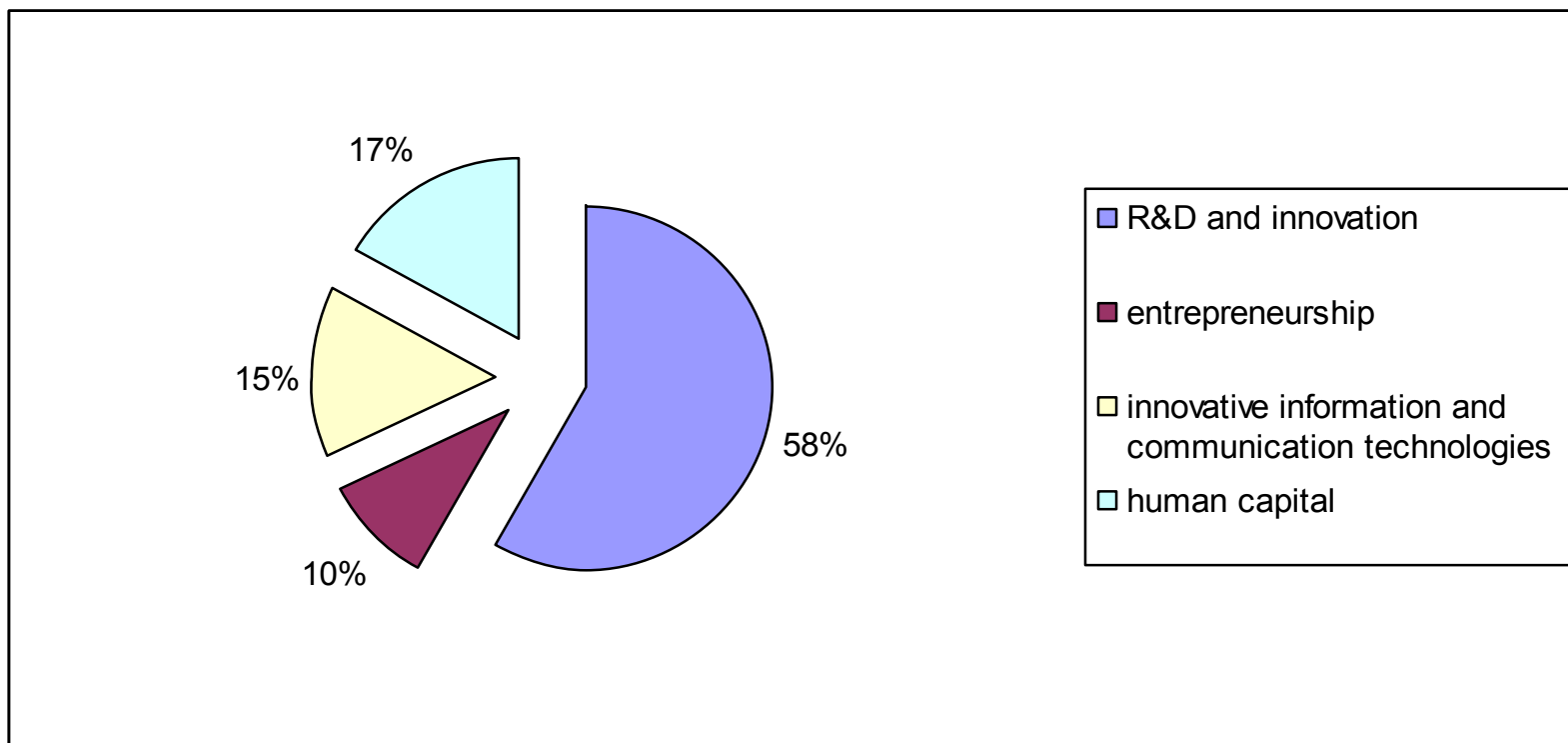


NATIONAL STRUCTURAL FUNDS



European Union
Structural Funds

National Structural Funds



€86 billion EU investment for innovation and research (2007-2013)

Country specific Structural Funds Programmes in support of Food RTD/ Innovation

- *Each region/ country should adapt this to the regional and national context*

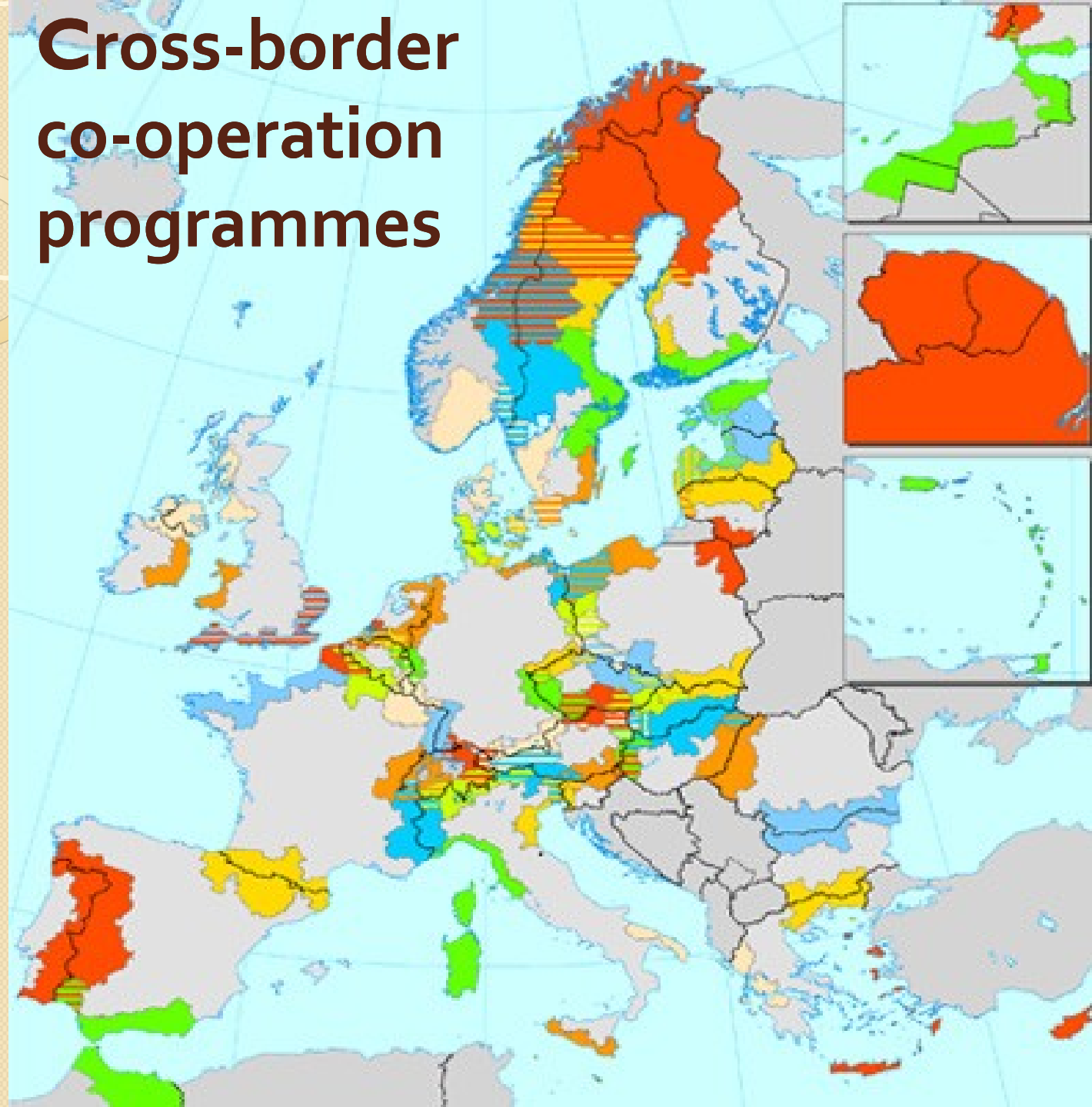


TERRITORIAL COOPERATION PROGRAMMES

Territorial Cooperation Programmes

- **Cross-border co-operation programmes:** encouraging entrepreneurship, linking universities to business
- **Transnational co-operation programmes:** Innovation, especially networks of universities, research institutions, SMEs
- **Interregional co-operation programme (INTERREG IVC):** Innovation and the Knowledge Economy. Develop good practice and facilitate the exchange and transfer of experience by successful regions
 - ***all EU-27 Member States***

Cross-border co-operation programmes



Transnational co-operation programmes



Mediterranean
Programme



South- East
Europe
Programme



Central Europe
Programme



EUROPEAN INITIATIVES IN SUPPORT OF FOOD INNOVATION



ETP Food for Life addresses innovation in the agri-food sector, which is the largest manufacturing sector within the EU.

- **Linking** industry, academia and researchers
- Prioritise the major **research needs** for the EU food and drink industry and secure the appropriate indicated what resources might be needed
- Ensure the **European Research Area** for the food sector becomes a reality.

The ETP *Food for Life* represents a unique opportunity for all stakeholders in the European food chain to increase their **competitive strength** and to safeguard the continued well-being and welfare of **consumers** across Europe.

Other European Technology Platforms relevant to Food

A framework for stakeholders, led by industry, to define research and development priorities, timeframes and action plans on a number of strategically important issues where achieving Europe's future growth, competitiveness and sustainability objectives is dependent upon major research and technological advances in the medium to long term.

- ✓ Global Animal Health TP
- ✓ MANUFUTURE- Agricultural Engineering and Technologies TP
 - ✓ Sustainable Farm Animal Breeding and Reproduction TP
 - ✓ European Aquaculture TP
 - ✓ Plants for the Future TP

The Food Cluster Initiative



- Inno- Food SEE participates in a European network of 10 support action project (**29 regions from 17 countries**)
- Objective: to create a **European research cluster for Food**
- Development and implementation of **strategy for research in Food** at a regional and national level
- **Networking** and exchange of experience
- Better **access to funding** opportunities of FP7, CIP, Structural Funds and Territorial Cooperation Programmes



Food Cluster

INITIATIVE



<http://www.foodclusterinitiative.eu>

Useful Links

- http://cordis.europa.eu/fp7/kbbe/home_en.html
- http://ec.europa.eu/cip/index_en.htm
- http://ec.europa.eu/regional_policy/cooperation/index_en.htm
- http://cordis.europa.eu/technology-platforms/individual_en.html

Thank you!

