



The European Innovation Partnership (EIP) „Agricultural Productivity and Sustainability“

Demand driven innovation in Horizon 2020: Thematic networks and Multi-actor projects



EIP Research Workshop – Brussels - 14 January 2014
Inge Van Oost - DG Agriculture and Rural Development

"I not only use all the
brains that I have,
but all that I can
borrow"

Woodrow Wilson

(President of the USA, 1913-1921)

How will Horizon 2020 boost interactive innovation ?

- Close-to-user activities (farm experiments, demonstrations and pilots)
- Specific demand-driven innovation schemes taking into account ***"Innovation is an idea put in practice with success"***
 - Fostering co-creation of knowledge in research and innovation projects through the so-called "**Multi-actor approach**"
 - Fostering knowledge exchange through **Thematic Networks** producing end-user oriented material (Coordination and support actions)
 - Establishment of workprogrammes **taking account of the practice needs** channelled through the AGRI European Innovation Partnership (Art. 12)

Multi-actor projects in Horizon 2020 Work Programme 2014-2015

Total budget for all multi-actor projects and thematic networks in the first Horizon 2020 Workprogramme: 148 mio euro

All multi-actor projects have the following sentence in the description of the topic:

"Proposals should fall under the concept of multi-actor approach"

and refer to footnote 1 on p.4 of the Work programme that describes the multi-actor approach as follows

Multi-actor projects in Horizon 2020 Work Programme 2014-2015

- "multi-actor" is more than a strong dissemination requirement or what a broad stakeholders' board can deliver
- "all along the project" *: **a clear role for the different actors** in the work plan, from the participation in the planning of work and experiments, their execution up until the dissemination of results and the possible demonstration phase.
- Project proposals should illustrate sufficient quantity and quality of **knowledge exchange activities**

This should generate **innovative solutions that are more likely to be applied** thanks to the cross-fertilisation* of ideas between actors, the co-creation and the generation of co-ownership for eventual results.

(*legal base in Specific Programme)

Multi-actor projects in Horizon 2020 Work Programme 2014-2015

A multi-actor project needs to take into account:

- how the project proposal's objectives and planning are **targeted to needs / problems and opportunities of end-users**
- the **composition of the project consortium** must get sufficient involvement of **key actors with complementary types of knowledge** (scientific and practical) to reach the project objectives and make its results broadly implemented.

(see evaluation criteria on ambitions, expected impact, etc)

Which multi-actor projects in 2014?

2 stage-call with deadline for proposals 12/3/2014

SFS-1A	Sustainable terrestrial livestock production: Genetics and nutrition and alternative feed for livestock	
SFS-2A	Sustainable crop production: Assessing soil-improving cropping systems	
SFS-3A	Practical solutions for pests in agriculture and forestry	
SFS- 4	Soil quality and function	
SFS-7A	Genetic resources and agricultural diversity for food security, productivity and resilience: Traditional resources for agricultural diversity and the food chain	
WASTE 7	Ensuring sustainable use of agricultural waste, co-products and by-products (Soc Ch 5)	

Which multi-actor projects in 2015?

2 stage-call – tentative topics for the call to be published July 2014 (deadline for proposals 24/2/2015)

SFS-1C	Sustainable terrestrial livestock production: Assessing sustainability of livestock production
SFS-2B:	Sustainable crop production: Assessing soil-improving cropping systems
SFS-5	Strategies for crop productivity, stability and quality
SFS-13	Biological contamination of crops and the food chain
SFS-20	Sustainable food chains through public policies: the cases of the EU quality policy and of public sector food procurement
ISIB-4B	Improved data and management models for sustainable forestry

Thematic networks in Horizon 2020 Work Programme 2014-2015

- Projects **involving all concerned actors** (researchers, farmers, advisors, enterprises, education, NGOs, administration, regulatory bodies, EIP project groups...): no pure research networks
- Partners should synthesise, discuss and **present existing scientific knowledge & best practices**, with a focus on: what do we have/what do we miss to be used
- **Projects should develop end-user material**, such as info sheets in a common format and audio-visual material, that is long-term available and easy understandable, to be shared through the EIP (input for education and a research web-database for end-users)

Thematic networks in Horizon 2020 Work Programme 2014-2015

- **Themes** can be linked to products or sectors, e.g. arable crops, fruits, vegetables, pig,...etc) or a broad range of cross-cutting subjects, e.g. crop rotation, certain farming practices, energy, implementation approaches of a directive, eco-system services, social services, bio-based products, short supply chains,...etc
- As they bring together possible actors, thematic networks help the **connecting and building of EU operational groups & multi-actor projects**



Thematic networks ... may generate

"Application abstracts"

A Swedish example:

Online database

1 430 projects and growing



Project facts, summaries and reports



Available to researchers, advisors, farmers and everyone else



To be shared within the EIP network


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PRACTICAL SOLUTIONS TO ENABLE RICH AMOUNTS OF STRAW AT FARROWING


Project status:	Finished	
Project number:	H0950218	
Final report date:	2011-03-01	
Main applicant:	Helena Elmquist	
Organisation:	Svenskt Sigill Kvalitetssystem AB	
Address:	Franzengatan 6 10533 Stockholm	
Phone:	087875966	
Email:	helena.elmquist@sigill.lrf.se	
Co-applicant:	Gunnar Ohlsson	
Co-applicant:	Rebecka Westin	
Grant so far:	690 000 SEK	
	Year 1: 690 000 SEK	

Application abstract 

The use of a rich amount of straw at farrowing show positive effects on pig welfare, health and production result. Taking advantage of this knowledge may lead to a competitive advantage not only for the individual farmers, but also for Sweden in an international perspective. The limiting factor for many farmers though, is the manure handling systems' ability to manage rich straw content. It is important to gain an overall picture of what problems may arise and how they can be solved. This project will describe simple, robust, financially favourable and practical manure handling solutions. Data will be collected by using a survey followed by interviews and documentation. The results aim to improve occupational health as well as animal welfare in piglet production.

Summary of final report 

Final report 

Final report 

Thematic networks in H2020 call 2014-2015

Topic ISIB 2 in the 2014 call:

- Up to one **network** focuses on exchange and development of methods for innovation brokering. It will **connect innovation support services** with experience in the matter (incl advisory services) and help them in how to find innovative ideas and develop them into an innovative group project plan
- 4 other **networks on specific themes** to be proposed bottom-up: Synthesising, sharing and presenting best practices and research results focusing on themes and issues that are near to be put into practice, but not known or tested by practitioners

Thematic network topics in 2014 & 2015

1 stage-calls

ISIB- 2	<p>Closing the research and innovation divide (knowledge exchange)</p> <p>Call 2014: deadline for proposals 26/6/2014</p> <p>Call 2015: deadline for proposals 11/6/2015</p>
WATER-4B:	<p>Harnessing R&I results for industry, agriculture, policy makers and citizens: thematic network on water in agriculture (Soc Ch 5)</p> <p>Call 2015: deadline for proposals 10/3/2015</p>

How will Horizon 2020 boost interactive innovation ?

Full work programme SC 2 is available on
http://ec.europa.eu/research/participants/portal/doc/call/h2020/common/1587800-09_food_sc2_wp_2014-2015_en.pdf

SC5: http://ec.europa.eu/research/participants/portal/doc/call/h2020/common/1587803-12_climate_wp2014-2015_en.pdf

Participants' portal:

<http://ec.europa.eu/research/participants/portal/desktop/en/home.html>

More info on Multi-actor projects and Thematic networks in WP 2014-2015:

Info on EIP formats under Horizon 2020 & list of topics:

http://ec.europa.eu/agriculture/eip/pdf/fact-sheet-horizon-2020_en.pdf

Looking for partners in Horizon 2020 multi-actor projects or thematic networks?

<http://www.linkedin.com/groups/Partner-Search-Horizon-2020-Food-7416906>

Follow the EIP website (newsletters, info, examples, and for **common EIP formats for the output of thematic networks**):

http://ec.europa.eu/agriculture/eip/index_en.htm

Innovation is an idea put in practice with success

"The value of an idea lies in the using of it."

Thomas Alva Edison –
inventor of the light bulb

***To an
„Agriculture of Knowledge“ Join the EIP***

Thank you for your attention!

Inge.Van-Oost@ec.europa.eu