



GOBIERNO  
DE ESPAÑA

MINISTERIO  
DE ECONOMÍA  
Y COMPETITIVIDAD

 **INIA**  
Instituto Nacional de Investigación  
y Tecnología Agraria y Alimentaria



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# H2020 and its relations to the EIP agriculture: Funding opportunities for research and innovation in the organic farming sector

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 **Agriecol**  
RED DE INVESTIGACIÓN EN AGRICULTURA,  
GANADERÍA Y SELVICULTURA ECOLÓGICA



- The new private label products are concentrated in six lines of innovative and specific products:
- organic/ethics
  - Healthy
  - «geo» (local, regional, ethnics, exotics)
  - Kids/babies/ elderly
  - Ready to eat
  - Premium

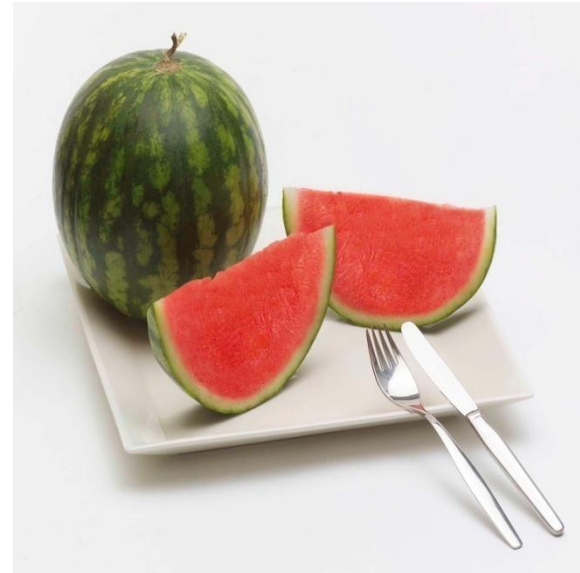
Source: Nielsen, June 2014



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**Produce what sells**



## Financial instruments

- EFRD & ESF



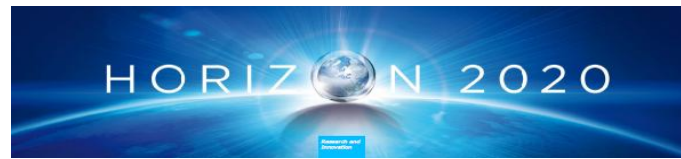
- EAFRD: RDP's (EIP Agriculture productivity and sustainability )



- H2020: 3851M€ R+D+i SC2 & 3081 M€ SC5







Opportunities  
for organic sector



# Horizon 2020 structure

## Proposed funding (€ million, 2014-2020)

<b><i>Leadership in enabling and industrial technologies (LEITs)</i></b> (ICT, nanotechnologies, materials, biotechnology, manufacturing, space)	<b>13 557</b>
<b><i>Access to risk finance</i></b> Leveraging private finance and venture capital for research and innovation	<b>2 842</b>
<b><i>Innovation in SMEs</i></b> Fostering all forms of innovation in all types of SMEs	<b>616</b> + complemented by expected 20% of budget of societal challenges + LEITs and <b>'Access to risk finance'</b> with strong SME focus

# Horizon 2020 structure

## Proposed funding (€ million, 2014-2020)

<b>Health, demographic change and wellbeing</b>	<b>7 472</b>
<b>Food security, sustainable agriculture and forestry, marine and maritime and inland water research and the Bioeconomy</b>	<b>3 851</b>
<b>Secure, clean and efficient energy *</b>	<b>5 931</b>
<b>Smart, green and integrated transport</b>	<b>6 339</b>
<b>Climate action, environment, resource efficiency and raw materials</b>	<b>3 081</b>
<b>Inclusive, innovative and reflective societies</b>	<b>1 310</b>
<b>Secure societies</b>	<b>1 695</b>
<i>Science with and for society</i>	462
<i>Spreading excellence and widening participation</i>	816

\* Additional funding for nuclear safety and security from the Euratom Treaty activities (2014-2018)



## H2020 Types of Actions

- Research and Innovation Projects (RIA) :
    - Collaborative projects from lab to market (major participation of end user´s and SME´s)
  - Innovation Actions (IA):
    - SME Instrument
    - Fast Track to Innovation
    - Collaborative project
  - Coordination and Support Actions (CSA): Thematic networks (MA approach)
- 






## H2020 Funding schemes

### TYPES OF ACTIONS

Type of organization	R&IA	IA
No-Profit	Direct costs: 100%	Direct costs:100%
	Indirect costs: 25%	Indirect costs: 25%
Profit	Direct costs: 100%	Direct costs: 70%
	Indirect costs: 25%	Indirect costs: 25%





## Objectives:

- ✓ Strengthen the competitiveness of the agro-food sector, leading processes and products that contribute to global food security.
- ✓ Increase productivity while ensuring the sustainable management of resources
- ✓ Adapting to the implications of climate change and contribute GHG mitigation
- ✓ Accelerate the **transfer of knowledge** from research to farms ensuring feedback on the basic needs of science. (Bottom-Up Approach)

# Basic structure for the implementation of the EIP

From a linear model of knowledge transfer...to a network model

## O.G. Operational Group



Farmers



Researchers



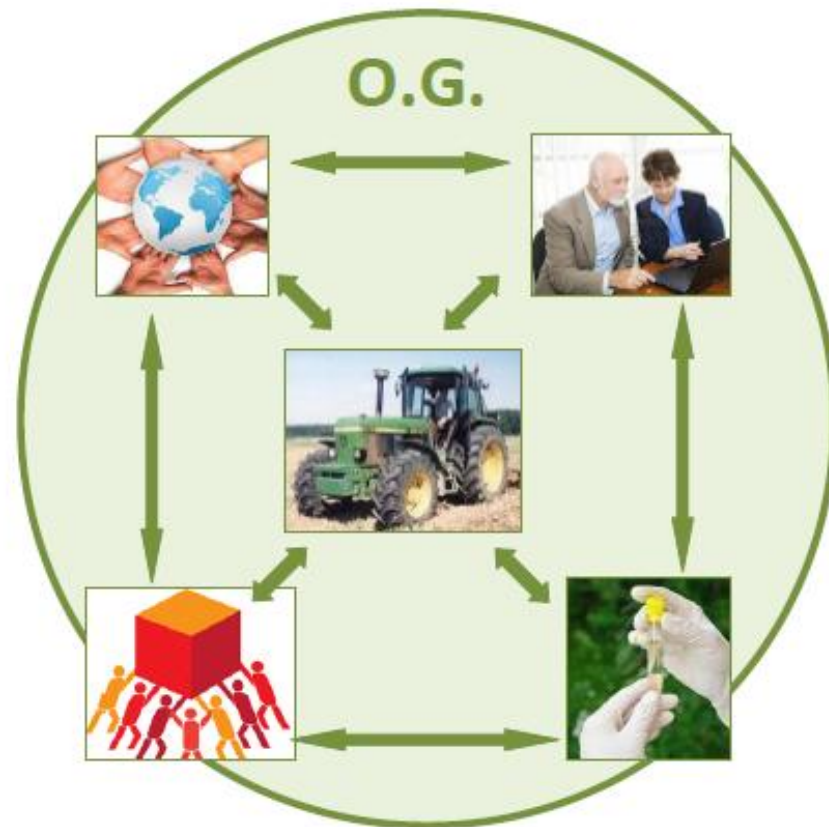
Advisors



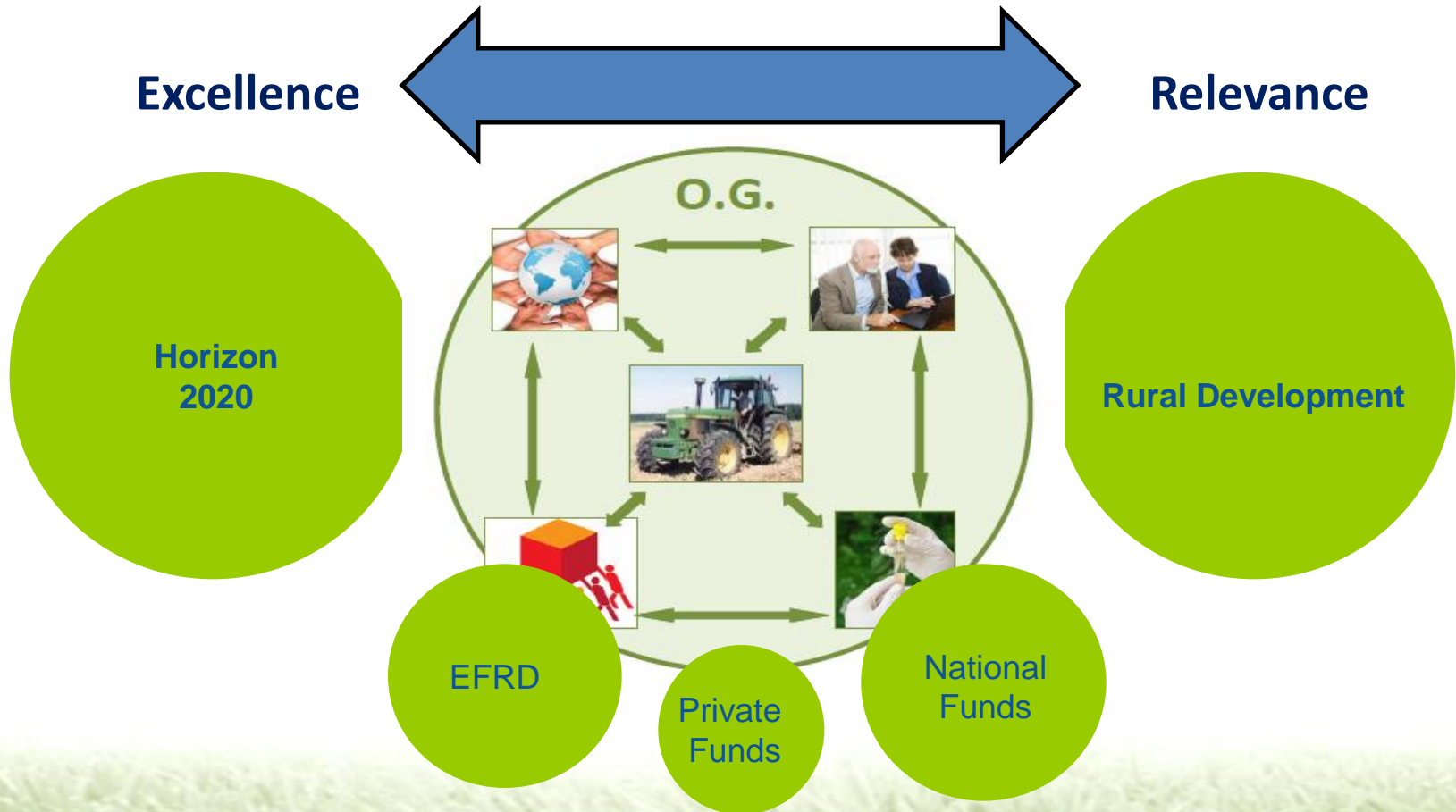
NGOs



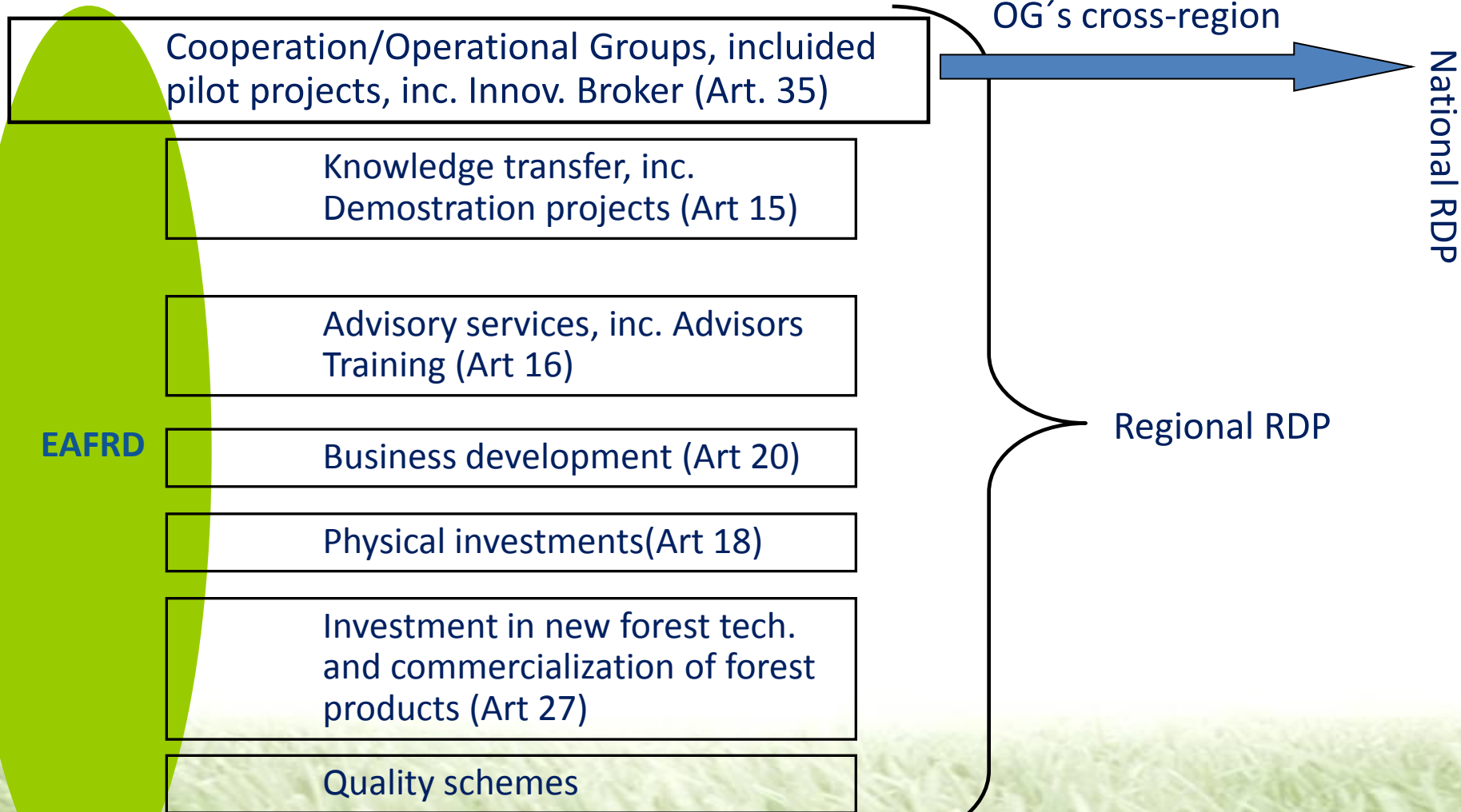
Agri-business



# Financing of the EIP Agriculture. Complementary tools



# How this initiative will be implemented through EAFRD in Spain...







## National RDP-MAGRAMA

### **25 M€ FEADER (47M€ Total public expenses aprox.)**

- ✓ Selection and funding of cross-regional operational groups.
- ✓ Selection and financing of projects of general interest.
- ✓ No subject areas.
- ✓ Calls for OG's and projects.
- ✓ Selection committee.
- ✓ Networking and dynamization actions, animation and outreach (RRN)



## Regional RDP

- ✓ Selection and funding of regional operational groups
- ✓ Selecting and financing projects through Article 35 or measures of the RDP.
- ✓ Financing innovation agents acting for OG in their territory (within or separately: options)

How this initiative will be implemented through H2020...



Thematic Networks (Multi-Actor)

Multi-actor projects from lab to market



## ➤ Multi-actor and Thematic Networks concept

### ➤ Multi-Actor: Footnote on page 4 WP

<sup>1</sup> The multi-actor approach aims at more demand-driven innovation through the genuine and sufficient involvement of various actors (end-users such as farmers/farmers' groups, fishers/fisher's groups, advisors, enterprises, etc.) all along the project: from the participation in the planning of work and experiments, their execution up until the dissemination of results and the possible demonstration phase. The adequate choice of key actors with complementary types of knowledge (scientific and practical) should be reflected in the description of the project proposals and result in a broad implementation of project results. The multi-actor approach is more than a strong dissemination requirement or what a broad stakeholders' board can deliver: it should be illustrated with sufficient quantity and quality of knowledge exchange activities and a clear role for the different actors in the work. 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. 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, and the complementarity with existing research. Facilitation between actors and openness to involve additional actors/groups of actors in the project, for instance relevant groups operating in the EIP context, are strongly recommended. See topics SFS-1A; SFS-1C; SFS-2A; SFS-2B; SFS-3A; SFS-4; SFS-5; SFS-7A; SFS-13; SFS-20; ISIB-2; ISIB-4B, WASTE-2 and WASTE-7.



## Thematic Networks concept (MA approach)

### Aim:

- Synthesise, share and present best practices and research results focusing on themes and issues that are near to be put into practice.
  - Produce material for practitioners
    - For broad dissemination to practice (infosheets and video tutorials)
    - Long-term available/ understandable
    - “Practice abstracts”:  
[http://ec.europa.eu/eip/agriculture/sites/agri-eip/files/eip-guidelines-july-2014\\_en.pdf](http://ec.europa.eu/eip/agriculture/sites/agri-eip/files/eip-guidelines-july-2014_en.pdf)
- Themes are open (linked to products/sectors or cross-cutting subjects)





# Example of possible Thematic Network

Login





**Home**

**EU Commission Working Document on Organic Wine Final ORWINE Recommendation for EU Rules on Organic Wine**

**News**

**Events about ORWINE**

**Project Partners**

**Outcomes**

**CODE OF GOOD ORGANIC VITICULTURE AND WINE-MAKING**

This book is a tool that should support each wine-maker in finding their way to producing a high quality organic wine minimizing the use of external inputs in the vineyard and in the cellar as well as maintaining, in the final product, as much as possible

**CODE DE BONNE PRATIQUE DE VITICULTURE ET DE VINIFICATION BIOLOGIQUES**

Français

**CÓDIGO DE BUENAS PRÁCTICAS VITIVINÍCOLAS ECOLÓGICAS**

Español

**CODICE DI BUONE PRATICHE PER LA VITICOLTURA E L'ENOLOGIA BIOLOGICA**

Italiano

**LEITFADEN BIOLOGISCHER WEINBAU UND WEIN-BEREITUNG**

Deutsch



➤ **Results of the evaluation of Multi-actor RIA and TN (MA) projects**

<b>Topic Code</b>	<b>Number of Proposals</b>		
	<b>Evaluated (2nd. stage)</b>	<b>Retained for Funding</b>	<b>Success Rate</b>
<b>SFS-01a-2014</b>	<b>6</b>	<b>1</b>	<b>16,7%</b>
<b>SFS-02a-2014</b>	<b>15</b>	<b>1</b>	<b>6,7%</b>
<b>SFS-03a-2014</b>	<b>22</b>	<b>2</b>	<b>9,1%</b>
<b>SFS-04-2014</b>	<b>9</b>	<b>2</b>	<b>22,2%</b>
<b>SFS-07a-2014</b>	<b>20</b>	<b>3</b>	<b>15,0%</b>
<b>ISIB-2-2014</b>	<b>30</b>	<b>4+(1)</b>	<b>13,3% (16,6%)</b>



➤ **Lessons learnt from the evaluation of 2014 Multi-actor and TN projects**

- Multi-Actor is not only dissemination
- Multi-Actor vs. Multidisciplinary
- Multi-Actor is not “business as usual” for scientific community



## ➤ **Lessons learnt from the evaluation of 2014 Multi-actor and TN projects**

- Regarding the consortium:
  - Differences between MA (RIA) and TN (CSA)
  - + if end users/non research participate as partners
  - Balance in tasks and budget
  - Capacity to achieve national, regional, trans-national and inter-regional levels
  - Different possibilities for enlarging the consortium: partners (linkages to already existing networks) and subcontracts
  - Multiplier capacity (figure of project “ambassador”)
  - Complementarity of partners



## ➤ **Lessons learnt from the evaluation of 2014 Multi-actor and TN projects**

- Regarding the excellence:
  - Clear objectives relevant for end-users
  - Focus on practical matters (TN)
  - Soundness of the concept
  - State of the art and contribution of the project to progress beyond
  - Need for innovation/applied technology (MA)
  - Consideration of tacit/practical/organisational knowledge
  - Number and quality of knowledge exchanges





## ➤ **Lessons learnt from the evaluation of 2014 Multi-actor and TN projects**

- Regarding the impact:
  - Multi-language and end-user material
  - Capacity to reach other end users outside the participants in the project
  - Use of existing channels for improving dissemination activities
  - Capacity to interact with EIP-Agri and relevant end-users organisations
  - Communication adapted to different targeted audiences
  - Avoid linear flow of knowledge

## ➤ Multi-actor approach topics in 2015 calls

	Identifier Click to access call text	Multi-actor approach	Budget (million euros)	Deadlines for application
<b>Food security, sustainable agriculture and forestry, marine and maritime and inland water research and the bioeconomy</b>				
<b>Call: Sustainable Food security</b>				
<b>Sustainable food production systems</b>				
<b>Assessing sustainability of terrestrial livestock production</b>	<a href="#">SFS-1C-2015</a>	X	7	Stage 1: 03/02/2015 Stage 2: 11/06/2015 except for SFS8 (see cut-off dates in WP) and SFS14B (11/06/2015)
<b>Assessing soil-improving cropping systems</b>	<a href="#">SFS-2B-2015</a>	X	7	
<b>Strategies for crop productivity, stability and quality</b>	<a href="#">SFS-5-2015</a>	X	15	
<b>Safe food and healthy diets and sustainable consumption</b>				
<b>Biological contamination of crops and the food chain</b>	<a href="#">SFS-13-2015</a>	X	10	
<b>Global drivers of food security</b>				
<b>Sustainable food chains through public policies</b>	<a href="#">SFS-20-2015</a>	X	7	
<b>Call: Innovative, sustainable and inclusive bioeconomy</b>				
<b>Sustainable agriculture and forestry</b>				
<b>Closing the research and innovation divide: The crucial role of innovation support services and knowledge exchange</b>	<a href="#">ISIB-2-2015</a>	X	10	11/06/2015
<b>Improved data and management models for sustainable forestry</b>	<a href="#">ISIB-4B-2015</a>	X	4	Stage 1: 03/02/2015 Stage 2: 11/06/2015
<b>Climate action, environment, resource efficiency and raw materials</b>				
<b>Call: Water innovation: boosting its value for Europe</b>				
<b>Harnessing EU water research and innovation results for industry, agriculture, policy makers and citizens</b>	<a href="#">WATER-4B-2015</a>	X	3	21/04/2015
<b>Call: Waste</b>				
<b>Ensuring sustainable use of agricultural waste, co-products and by-products</b>	<a href="#">WASTE -7-2015</a>	X	14	21/04/2015

# Proposed Work Programme Cycle

2014	2015	2016	2017	2018	2019	2020
Strategic Programme						
Work Programme 1 (plus tentative information for 2016)		Strategic Programme				
		Work Programme 2 (plus tentative information for 2018)		Strategic Programme		
				Work Programme 3 (plus tentative information for 2020)		
						Work Programme 4




## **Priority topics proposed by TP Organics for H2020 WP 2016/2017**

Part A: Contribution of the organic food & farming sector to Sustainable Food Security and resilient food systems.

- Alternatives to critical inputs used in organic agriculture
- Availability of organic seeds – Towards 100% organic seed
- Eco-efficient production of animal feed at local level
- Organic food processing concepts and technologies
- Public health effects of organic food systems in Europe

Part B: Fostering innovation and entrepreneurship in the organic sector and strengthening the contribution of the organic sector to a rural renaissance.

- Innovative ICT tools for organic cropping systems
  - Internet-of-Things based solutions for resource efficient primary production
  - Developing the organic farming policies of the future
  - Improving organic certification
  - Use of big data analytics for better market and farm benchmarking data
  - Improving food security and rural development in Sub-Saharan Africa and South Asia
- 



Many thanks  
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