HORIZON 2020
Work Programme 2016-2017

Funding opportunities for organic food companies in Horizon 2020

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F-3 Agri-Food Chain
Food value chain

Employs 1/5 of the workforce: 
*48 million people from 'farm to fork'*

17 million enterprises (mostly small and medium companies),

6% of Europe's GDP

7% of extra-EU trade is in agri-food products

Food industry

Biggest manufacturing sector 
(14% of turnover)

But: (1)

(2) Competitiveness trend EU food & drink companies (vs others): 
trade related indicators improved, 
research indicators weak
Societal Challenge 2
Four Calls 2016-17

Sustainable food security (SFS)
Blue Growth
Rural Renaissance (RUR)
Bio-based innovation for sustainable goods and services
"Organic" in Horizon 2020 Work programme 2016-2017

- ERA-Net Cofund: Organic farming and food production
- 16 topics of 64 (SFS and RUR) with wording: "both conventional and organic" or similar
- SFS-7-2016/2017: Organic Breeding – Increasing the competitiveness of the organic breeding and farming sectors
- SFS-8-2017: Organic Inputs – Contentious inputs in organic farming Thematic networks follow the multi-actor approach for greater user acceptance and focus on application potential
Sustainable food security TOPICS summary

**Resilient, resource-efficient value chains**
- Abiotic stresses
- Biotic stresses
- Operationalising the resilience concept
- Optimising use of critical inputs
- Specific actions for organic farming
- Sustainable fisheries and aquaculture
- ERANETs/ SCAR

**Environment Climate-smart primary production**
- Carbon and nitrogen cycling in agro-ecosystems
- Specific production systems
- Ecosystem services
- Socio-economics, demography and resilience of farms

**Competitive food industry**
- Food value chains (2016)
- Innovative agri-food chains (2017)
- Food packaging (2017)

**Healthy food and diets for all**
- Impulsivity and nutrition (2016)
- Children and obesity (2017)
- Sweeteners (2017)
- One Health (2017)
- Consumer practices in food safety (2016)

25 topics 206 M€
7 topics 64 M€
3 topics 24 M€
5 topics 85,5 M€
Rural renaissance TOPICS summary

**Policies & governance**

Territorial interactions: enhance synergies, adapt policies, foster cross-sectorial cooperation
  - Rural-urban
  - Land-sea

'Towards 2030': policies and decision tools for an integrated management of natural resources

- Economic benefits from ecosystem services:
  - Farming & drinking water
  - Forest ecosystem services (IA)

**Value chains & business models**

- Crop diversification systems for delivery of food, feed, industrial products and ecosystem services
- Resource-efficient and profitable industrial crops on marginal lands
- Demonstration of integrated logistics for food and non-food applications
- Business models for modern rural economies

**Innovation and skill development**

- Thematic networks
- Experimental and demonstration farms:
  - Building a future science and education system
  - Advisors' role in AKIS
  - Working together in EU countries where cooperation level is low
- Optimising interactive innovation projects and policies for innovation

5 topics 32 M€

4 topics 47 M€

7 topics 49 M€
Four topics. Examples:

- Resource-efficient and profitable industrial crops on marginal land
- Demonstration of integrated logistics centres for food and non-food applications
- Business models for modern rural economies

Total: 47 M€
The multi-actor approach under WP2016-2017

Key elements

• Description now in the WP introduction pages 9-10
• Multi-actor projects are about interactive innovation
• Beyond dissemination requirement and stakeholders' board
• Genuine and sufficient involvement of various actors all along the project, from planning to demonstration
• Demonstrate how project will respond to end-users needs
• Substantial practical knowledge easily accessible and understandable
• Material → EIP-AGRI (for EIP-AGRI related areas)
  • Common format
  • Connect with operational groups
The Multi-actor approach under WP2016-2017

- Investment $X 2.5 \rightarrow 371.5$ Million euros
- 38 topics in 3 calls: SFS, RUR, IoT

### Distribution of budget for multi-actor projects

- **SFS**: €30,000,000
- **RUR**: €120,000,000
- **IoT**: €221,500,000

### Number of multi-actor topics in WP2016-2017

- **SFS**
  - 2016-2017: 20
  - 2016: 10
  - 2017: 0

- **RUR**
  - 2016-2017: 15
  - 2016: 5
  - 2017: 0

- **IoT**
  - 2016-2017: 5
  - 2016: 0
  - 2017: 0
SC2 Topics & Budget: 2014-15 to 2016-17

Whole Societal Challenge 2: four Calls, 83 topics, 727.5M €
Proportional increase in budget and topics vs 2014-15
• The catalogue covers around 50 projects with an EU contribution of more than 150 million €, around 7.5% of EC total agricultural research spending.

• The selection of projects was based on two main criteria: A single programme bringing together three separate
  • Contribute to organic regulation and production
  • Sustainable production research (low-input, ecological intensification) of relevance for organic and beyond
Work Programme 2016/2017-
No specific corner reserved for organic food companies, but opportunities exist

• Small and medium Enterprise (SME) Instrument:

Advancing innovations in Integrated Pest Management
Resource-efficient eco-innovative food production and processing
Reduction of food losses and waste on farm and along the value-chain
Creating added value from waste and by-products generated on farm and along the value-chain

More information:
### SME Instrument: Funding in 3 phases

<table>
<thead>
<tr>
<th>Phase 1: Concept and Feasibility</th>
<th>Phase 2: Innovation Actions</th>
<th>Phase 3: Market Uptake</th>
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</thead>
<tbody>
<tr>
<td><strong>Duration</strong> ~ 6 months, <strong>Funding</strong> 50,000 EUR 4 deadlines per year</td>
<td>~ 1-2 years, ~ 0.5-2.5 m EUR 4 deadlines per year</td>
<td>Non-material support only</td>
</tr>
<tr>
<td>feasibility study: market analysis, IPR issues, verification of viability</td>
<td>demonstration, testing, piloting, scaling up, and miniaturisation, etc.</td>
<td>extensive support, training, mentorship and facilitating access to risk finance</td>
</tr>
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Funding rate: 70% + 25% overheads
Timelines

Technology Platforms “Food for Life” “Organics”

Flagship ideas

Strategic programming Societal Challenge 2 (SC2)

Draft 1  Draft 2  Final

SC2 Work programme 2018-2020

Draft 1  Draft 2  Final draft  Published

KIC/ Food4Future Call process

Open  Closed  Selected

1/2016  1/2017  6/2017

Year long dialogue on FNS

Launch Food Research Area (World Food Day)
Thank you for your attention!

Please apply as evaluator by registration in the Horizon 2020 evaluators database