



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

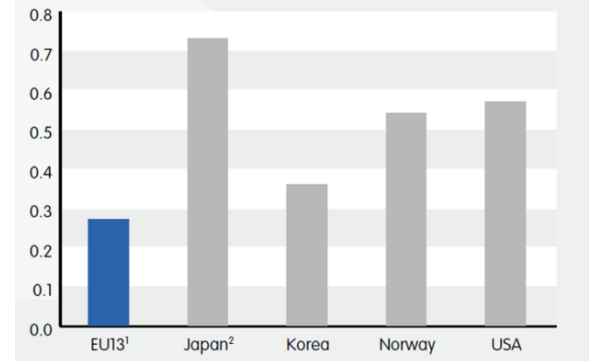
7% of extra-EU trade is in agri-food
products

Food industry

Biggest manufacturing sector
(14% of turnover)

But: (1)

Food and drink private investment in R&D as a percentage
of output, 2010 (%)



(2) Competitiveness trend EU food &
drink companies (vs others):
trade related indicators **improved**,
research indicators **weak**



European
Commission

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

25 topics 206 M€

Environment Climate- smart primary production

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

7 topics 64 M€

Competitive food industry

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

3 topics 24 M€

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)

5 topics 85,5M€

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)

5 topics 32 M€

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**

4 topics 47 M€

Innovation and skill development

• **Thematic networks**

• **Experimental and demonstration farms:**

• **Building a future science and education system**

• **Advisors' role in AKIS**

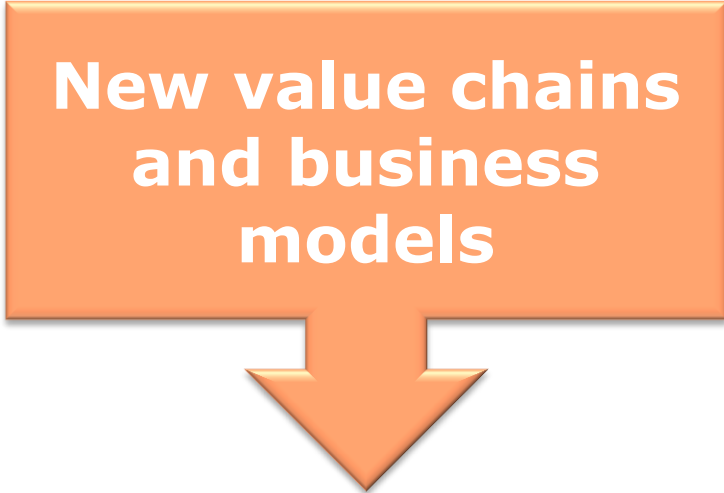
• **Working together in EU countries where cooperation level is low**

• **Optimising interactive innovation projects and policies for innovation**

7 topics 49 M€

Rural Renaissance - TOPICS AND BUDGET

**New value chains
and business
models**



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

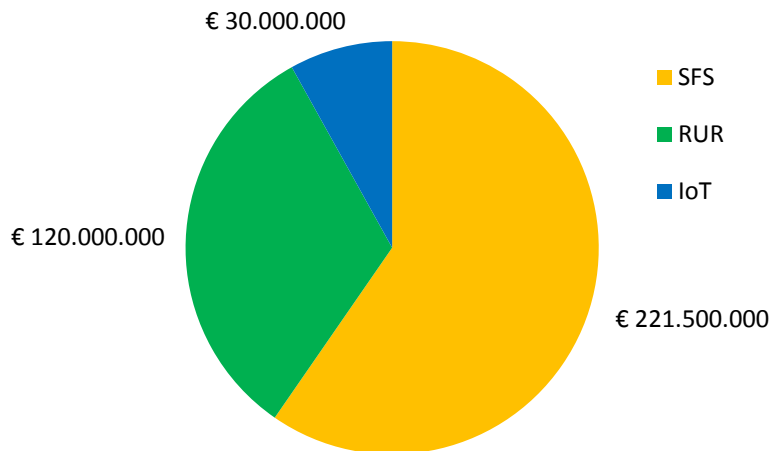
Key elements

- 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

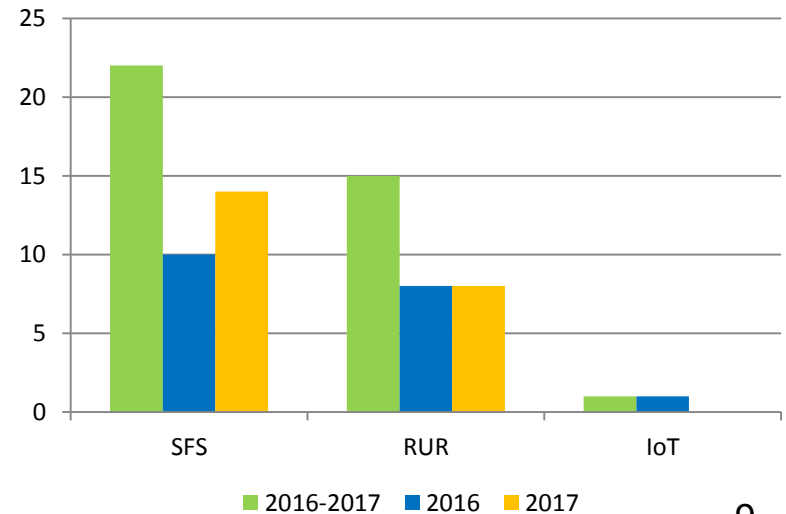
The Multi-actor approach under WP2016-2017

- Investment X 2,5 → 371,5 Million euros
- 38 topics in 3 calls: SFS, RUR, IoT

Distribution of budget for multi-actor projects



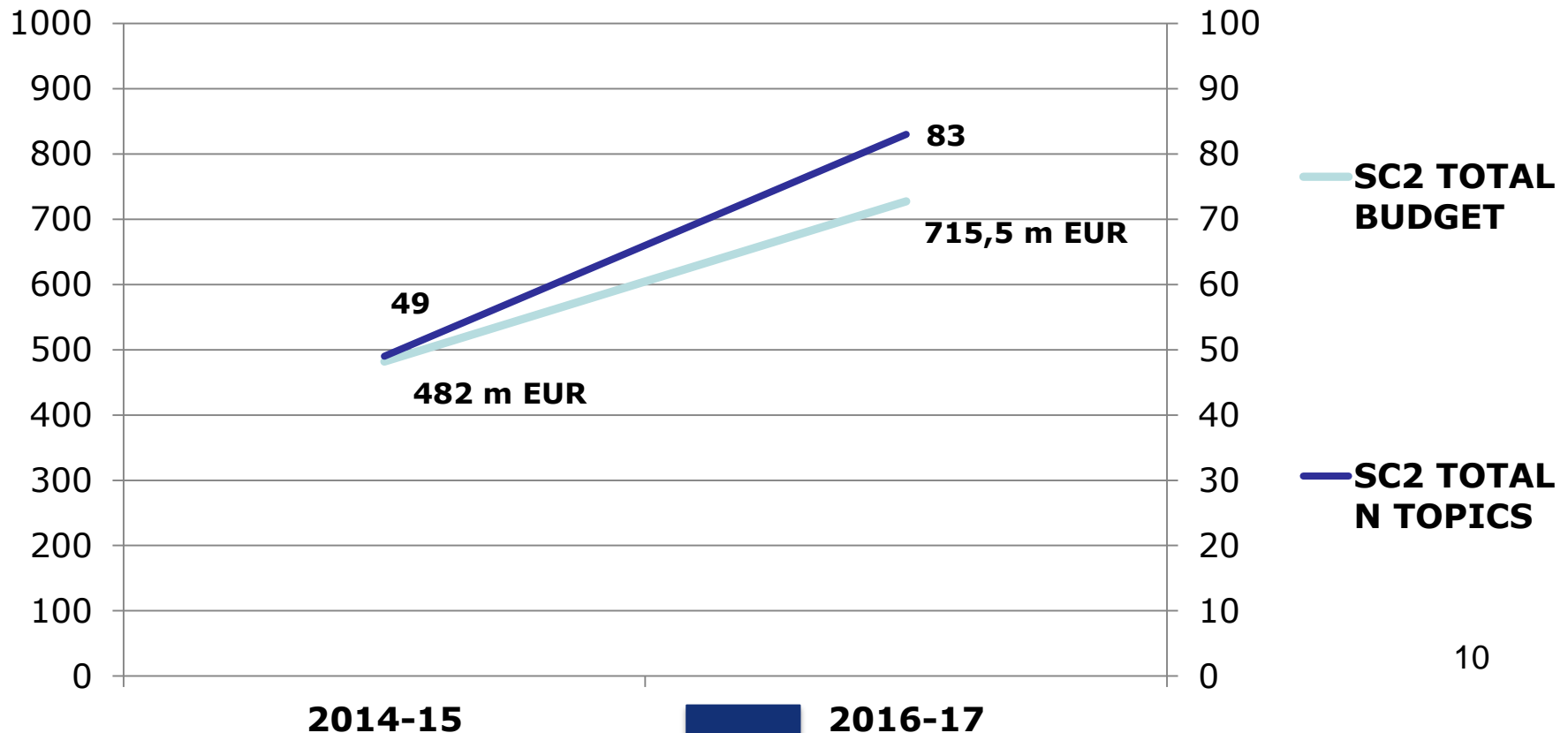
Number of multi-actor topics in WP2016-2017



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*
 - **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:

http://ec.europa.eu/research/participants/data/ref/h2020/wp/2016_2017/main/h2020-wp1617-sme_en.pdf

SME Instrument: Funding in 3 phases

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

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)



HORIZON 2020

**Thank you
for your attention!**



**Please apply as evaluator
by registration in the
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