



#InvestEUresearch



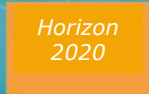
Horizon 2020 Work Programme for Research & Innovation 2018-2020

€1,3 billion

**Food security, sustainable agriculture
and forestry, marine, maritime and
inland water research and the
bioeconomy**

Alexia ROUBY Research and innovation UNIT B2
European Commission – DG AGRI

This presentation does not engage the Commission,
please refer to the official documents.



Au programme

- *Quelques éléments sur le programme Horizon 2020 (tous sujets)*
- **Le programme de travail 2018-2020 pour le défi sociétal 2: données clé et principales orientations**
 - Défis et contexte politique
 - Priorités, missions, appels et impacts
 - Distribution financière et entre topics
 - Open innovation, science, open to the world
 - Dimensions transversales
 - EIP-AGRI et l'approche multi-acteurs
 - Quelques ressources & liens utiles
- **Focus sur "Sustainable food security"**
- **Focus sur "Rural renaissance"**

Work Programme 2018-2020

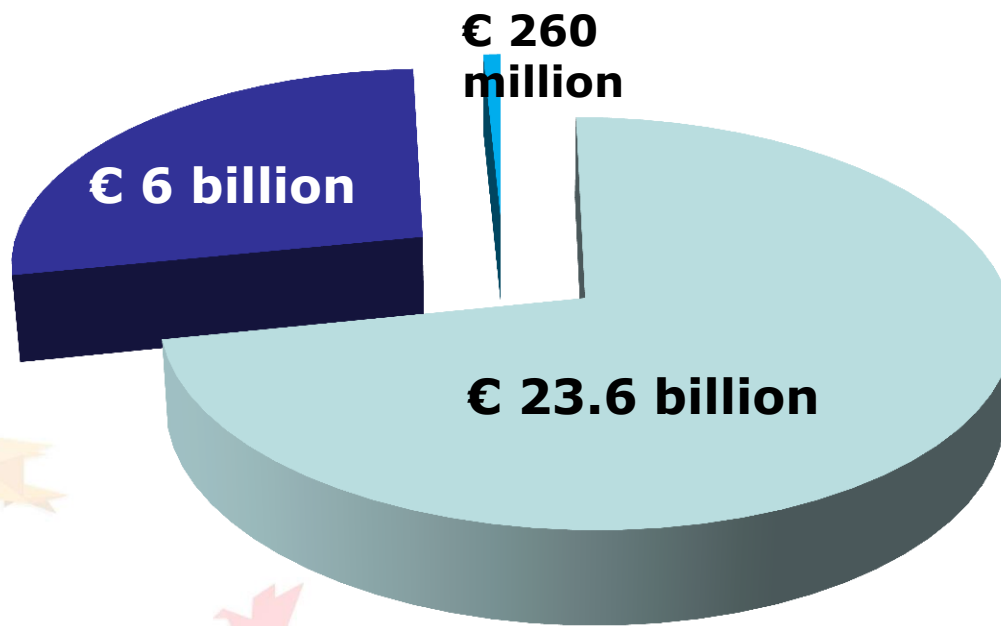
R & I investment of € 30 billion for 3 years



- **Addressing main concerns of citizens** such as security, migration and economic situation...
- **Focus on impact** (fewer & broader topics with sharpened impact statements, better dissemination of results, open access to data...)
- **Piloting new initiatives and flexibility for 2020**, with 'minimum' content of calls and other actions at this stage

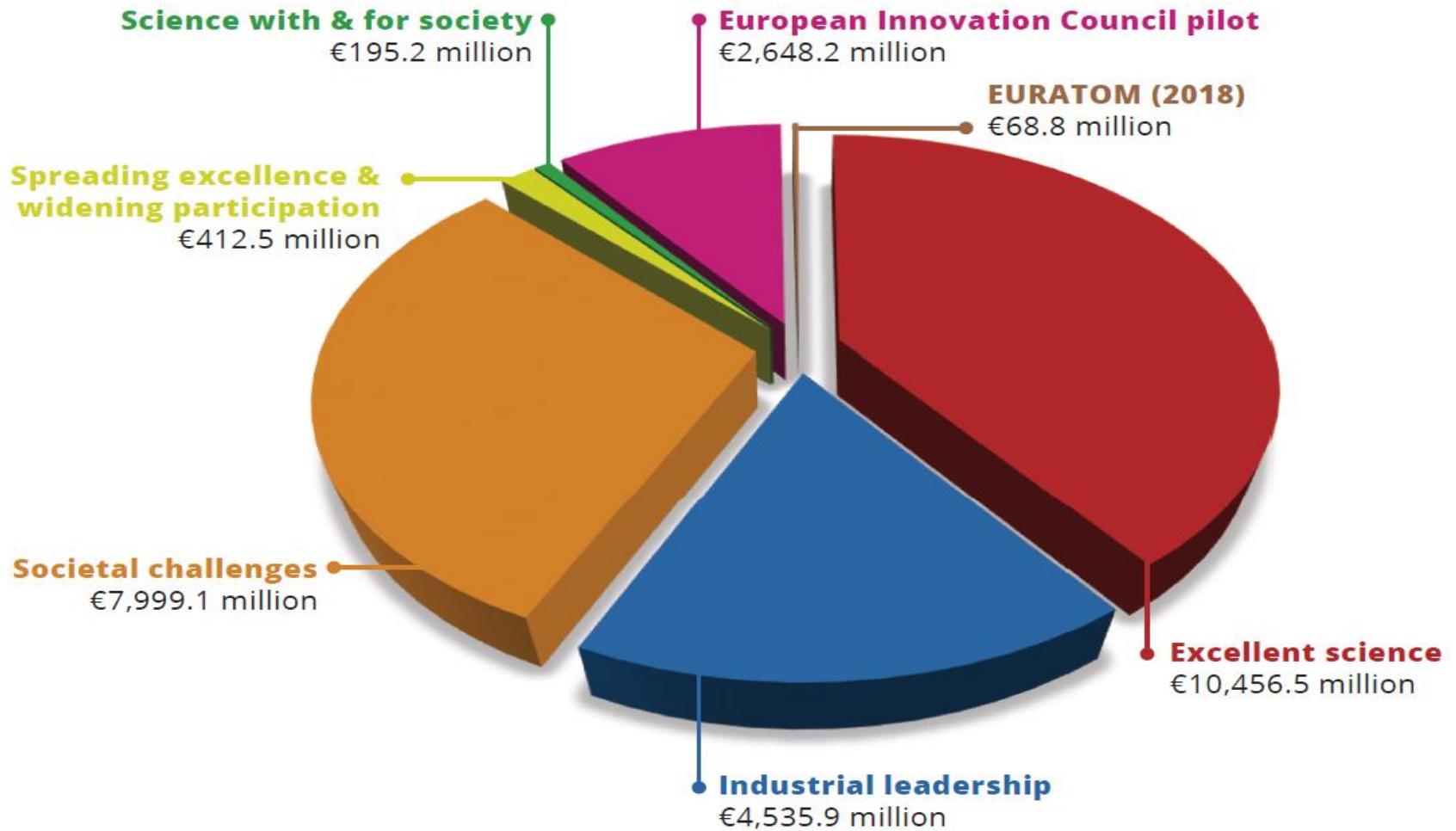


Structure of € 30 billion R&I investment (2018-2020)



- Main Horizon 2020 Work Programme (2018-2020)
- European Research Council (2018-2020)
- Euratom, including Fusion (2018)

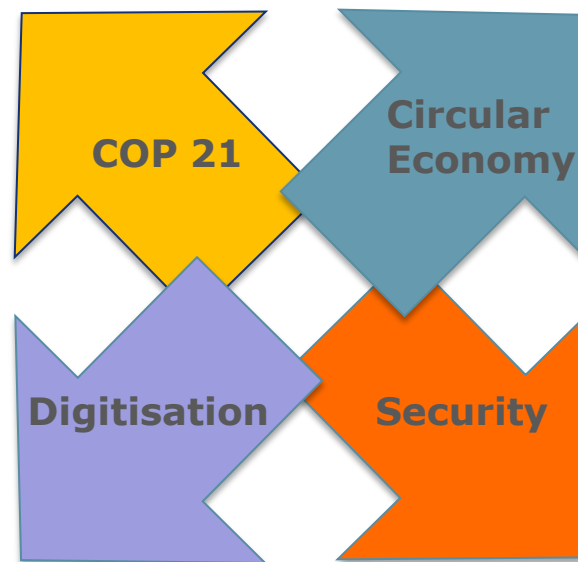
HORIZON 2020 INDICATIVE CALLS BUDGET (2018-2020)



Focus Areas and other cross-cutting priorities

€ 7 billion for 4 mutually reinforcing focus areas

- aligned to political priorities
- expected to have exceptional impact
- implemented through 'virtual calls cutting across the programme (description in 'General Introduction', common call identifier of contributing calls and topics)



Further cross-cutting priorities

- Migration (€ 200M)
- Batteries (€ 100M + € 100M to come)
- Blue Growth, Cities

Focus Area 'Building a low-carbon, climate resilient future' (LC)



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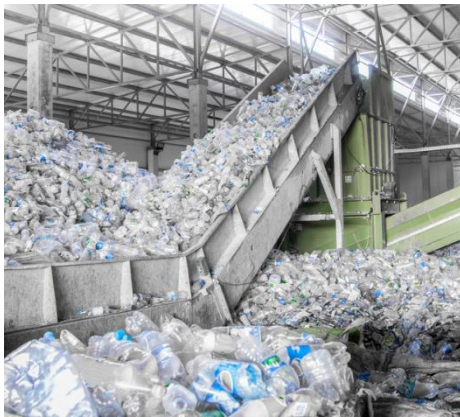
Contributing to implement the **Paris Agreement**:

- **Accelerate transformation** towards carbon neutrality through **clean technologies**
- Enhance **climate resilience in Europe and beyond**
- Contribute to **long-term mitigation and adaptation policy planning**

€ 3.3 bn

Contributions from work programme parts
Industrial Technologies; Space; Food security and Bioeconomy; Energy; Transport; Climate

Focus Area 'Connecting economic and environmental gains – the Circular Economy' (CE)



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Supporting the **circular economy policy**:

- Ensure that **growth no longer requires increasing consumption of resources, energy, water and primary raw materials**
- **Reduce waste**, including from plastics
- Create **new business opportunities** and safeguard **competitive advantages**

€ 940 m

Contributions from work programme parts Industrial Technologies; Food security and Bioeconomy; Energy; Climate

Focus Area 'Digitising and transforming European industry and services' (DT)

Enhancing the benefits from the **Digital Single Market Strategy**:



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Foster **uptake** of digital technologies and innovations & **synergies** with other key enabling technologies through

- **Cross-sectorial digital platforms and large scale pilots** for co-creation with users (e.g. personalised health, ICT solutions for agriculture, automated driving, inclusive public services)
- **Innovation hubs**

€ 1.7 bn

Contributions from work programme parts ICT; Space; Industrial Technologies; Health; Food security and Bioeconomy; Energy; Transport; Societies

Focus Area 'Boosting the effectiveness of the Security Union' (SU)



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Assisting to implement the **Security Union**:

- Provide **innovative security solutions** with involvement of security practitioners
- Build a **secure digital economy and infrastructures**
- **Understand phenomena** such as violent radicalisation and **develop effective policies**
- React to and recover from **natural and man-made disasters**

€ 1 bn

Contributions from work programme parts ICT; Space; Health; Energy; Societies; Security

Open Innovation

- ✓ **EIC pilot (€ 2.7 billion)**
- ✓ Open innovation test beds (€ 200 million)
- ✓ Ca. 30 topics of € 300 million budget in the Societal challenges pillar

Open Science

- ✓ Over **€ 2 billion** to support for Open Science
- ✓ **European Open Science Cloud** and European Data Infrastructure (€ 600 million)
- ✓ New: Open Research Europe platform for Horizon 2020 and successor framework publications

Open to the World

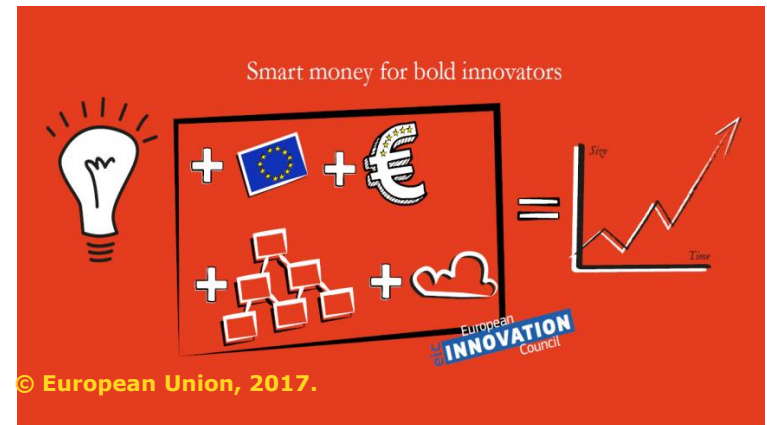
- ✓ **Over €1 billion investment for 30 international flagship initiatives:** with Canada on personalised medicine; with African countries on food security and renewable energies; with the US, Japan, South Korea, Singapore and Australia on road transport automation; with India on water challenges
- ✓ Strong international component in the European Research Council (ERC) and Marie Skłodowska-Curie actions, e.g. ERC expected to fund 240 more non-EU/AC nationals as Principal Investigators

European Innovation Council (EIC) Pilot ⁽¹⁾

Objective: Strengthen breakthrough innovations and boost the number of high-growth companies

Focus on people and companies with ideas for :

- **Radically new**, breakthrough products, services, processes or business models
- That **open up new markets** with the potential for rapid **European and global-scale growth** (high risk, need for significant investment)
- Take shape at the **intersection** between different technologies, industry sectors and scientific disciplines



European Innovation Council (EIC) Pilot (2)

Brings together, adapts and aligns innovation schemes addressing different communities in a bottom-up approach:

- **SME Instrument:** close-to-market projects of single SME or a consortium of SMEs (new: non-thematic, focus on cross-disciplinarity, revised evaluation criteria; face-to-face interviews in Phase 2)
- **Fast Track to Innovation (FTI):** close-to-market projects of consortia with industry participation (new: revised evaluation criteria)
- **FET Open:** early stage research by consortia exploring novel ideas for radically new future technologies
- **Six EIC Horizon Prizes** for breakthrough innovations bringing major benefits to society
- **Cross-cutting:** coaching, mentoring (for SME beneficiaries), monitoring progress with innovation radar

Total Budget: € 2.7 billion

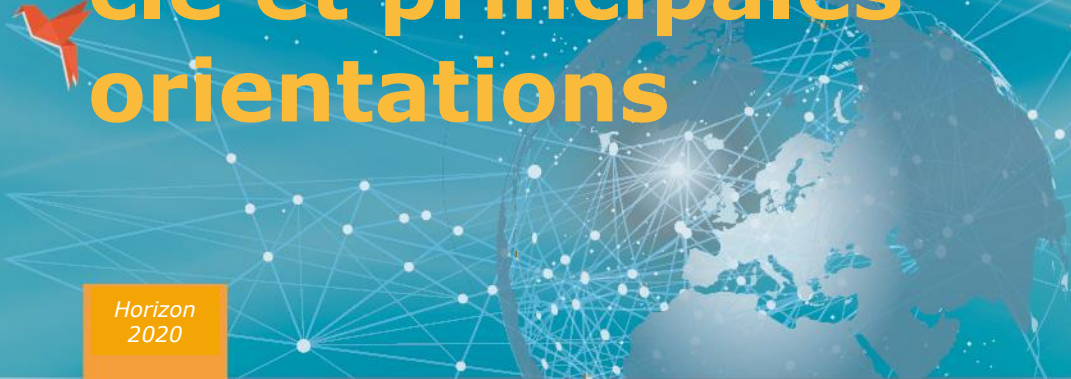


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Horizon 2020 Work Programme for Research & Innovation 2018-2020

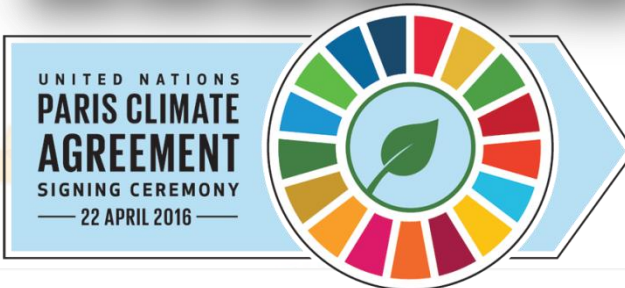
Le programme du défi 2 – Données clé et principales orientations



Horizon
2020

The policy context

- Global commitments



United Nations
Framework Convention on
Climate Change

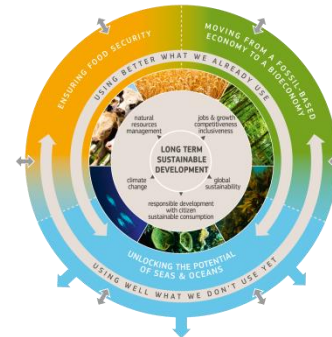
- European policies



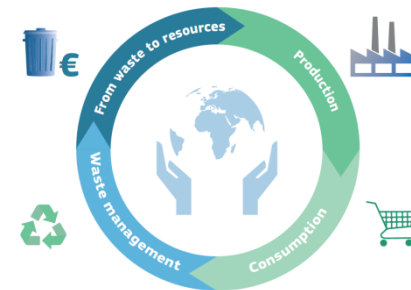
CAP & EIP-AGRI



Climate & energy



Bioeconomy strategy



Circular economy

INVESTING IN THE BLUE ECONOMY
Unlocking the potential of the ocean to create jobs and boost the economy

If the ocean were a country, it would be the world's **SEVENTH LARGEST ECONOMY**.

The situation
The output of the ocean is an estimated **£1.3 trillion**, forecast to double by 2030. Around **350 million jobs** worldwide are linked to the ocean!

Integrated Maritime and common fisheries policies



Digital single market



SUSTAINABLE DEVELOPMENT GOALS



Most important SDGs covered by SC2



The work programme at a glance: five priorities

- Address **climate change and resilience** on land and sea
- Make the transition towards a **circular bioeconomy**
- Foster **functional ecosystems, sustainable food systems, and healthy lifestyles**
- Boost major innovations on land and at sea leading to **new products, value chains and markets**
- Develop **smart, connected territories and value chains** in rural and coastal areas

What we aim to achieve: three missions



Manage our resources wisely to nourish people sustainably



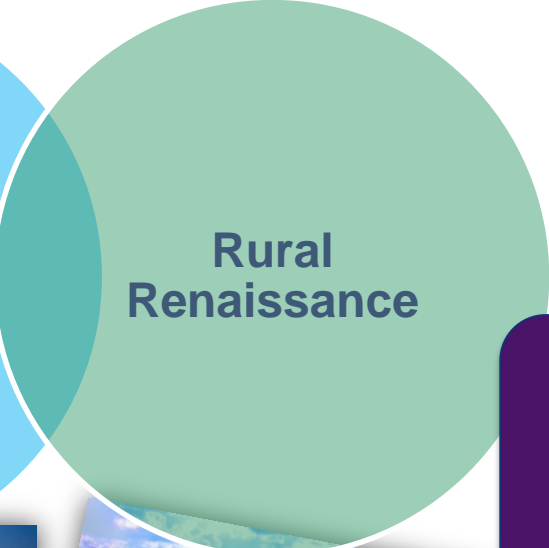
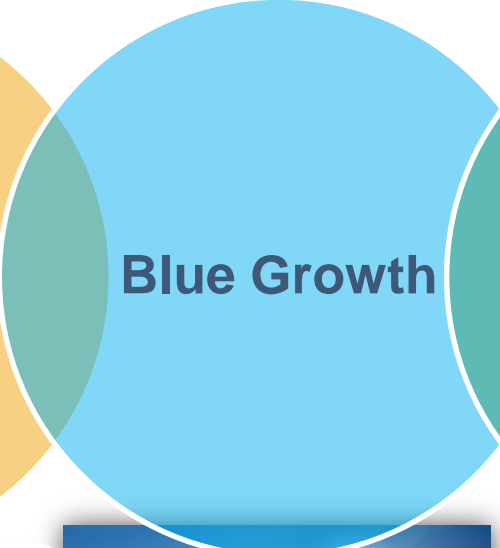
Understand, preserve and valorise oceans



Develop smarter, younger, greener, circular rural economies



Three Societal Challenge 2 Calls



Circular Bioeconomy investment platform



Key impacts

Sustainable Food Security

- Dynamic & innovative food and farming sectors
- Resource & climate-smart eco-healthy food production and consumption

Blue Growth

- Productive, healthy, resilient seas and oceans.
- Sustainable aquatic resources for food and bio-based value chains
- Strong blue economy

Rural renaissance

- Sustainable growth based on circularity and connectedness
- Enhanced innovation systems
- Strong & attractive rural areas

Circular bioeconomy investment platform

- De-risking investments in innovative technologies fostering industrial, rural and coastal development



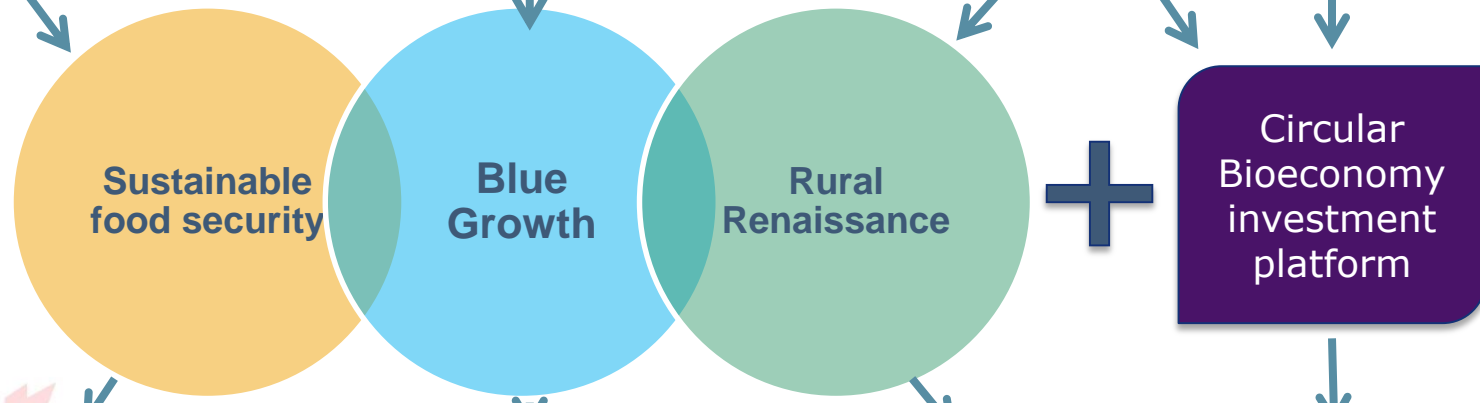
5 priorities



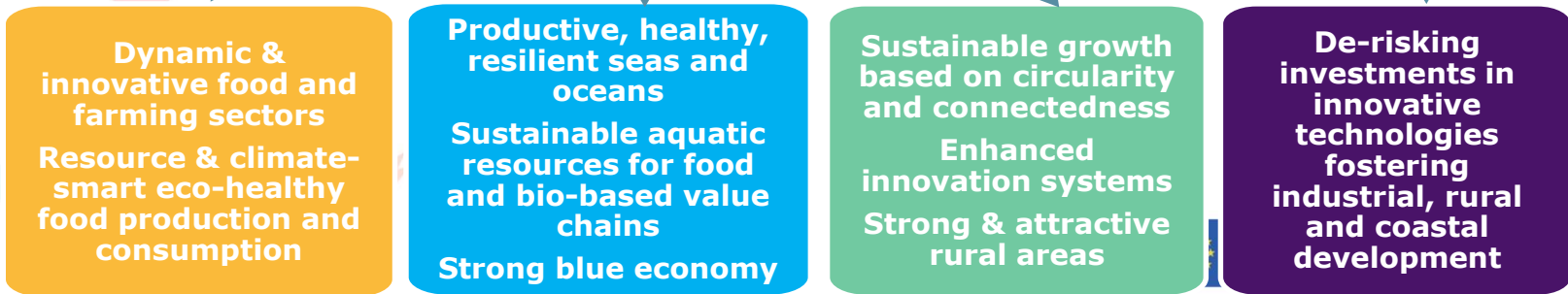
3 missions



3 calls + FI

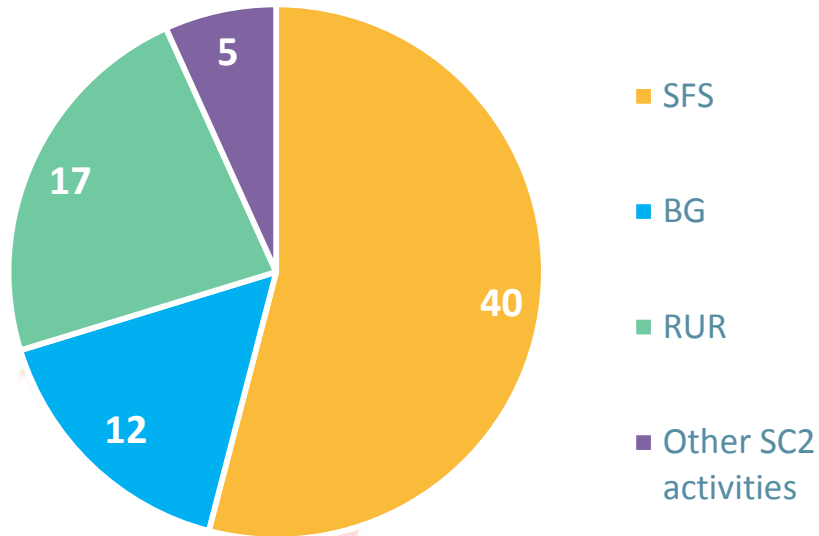


Key impacts

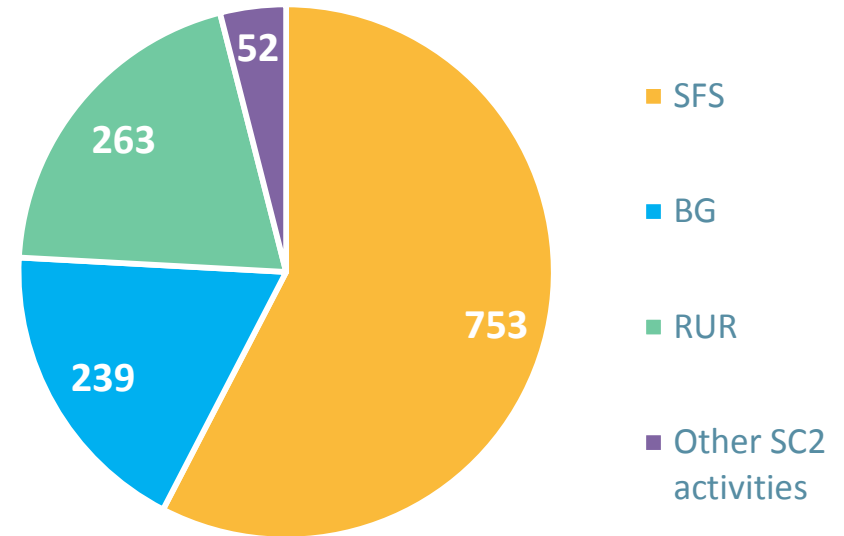


Topic distribution & budget distribution between calls

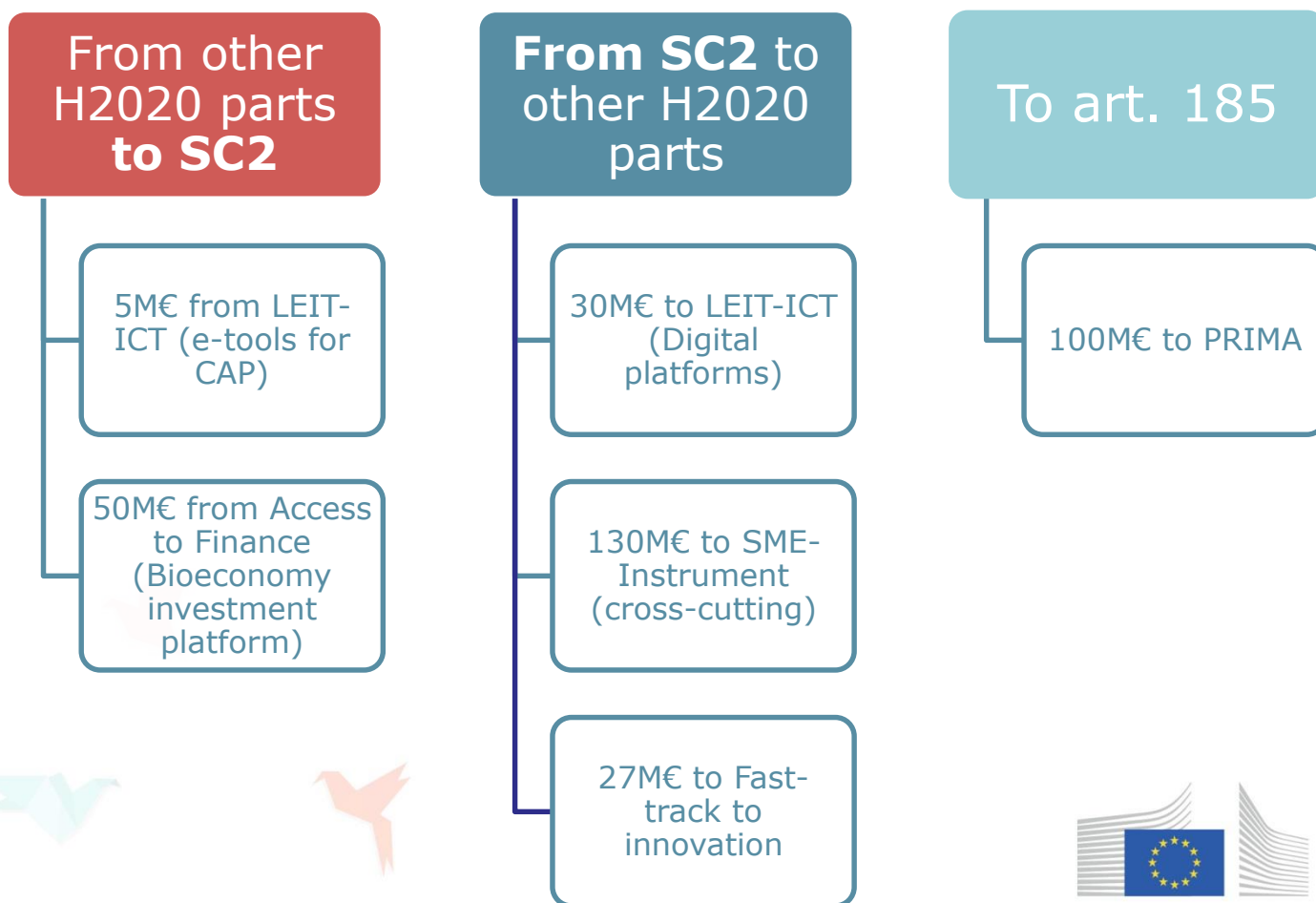
Topics - 2018-2020
(SC2 calls and other activities)



Budget - 2018-2020 (M€) - Total €1,3 Bn
(SC2 calls and other activities)



Budget contributions to and from other Horizon 2020 parts or R&I initiatives



Societal challenge 2 contributions to focus areas

Building a **low-carbon**, climate resilient future

203 M€

Plants, proteins, climate-smart farming, soils, food systems, marine resources, wood value chains

Digitising and transforming European industry and services

107 M€

Personalised nutrition, Blue and food clouds, Aquaculture 4.0, Digital innovation hubs, digital integration platforms

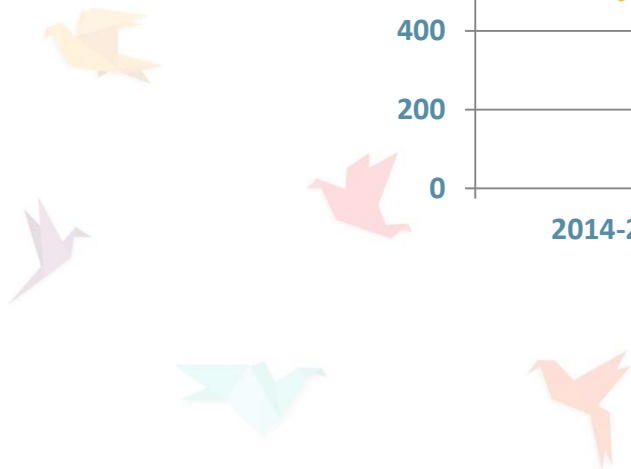
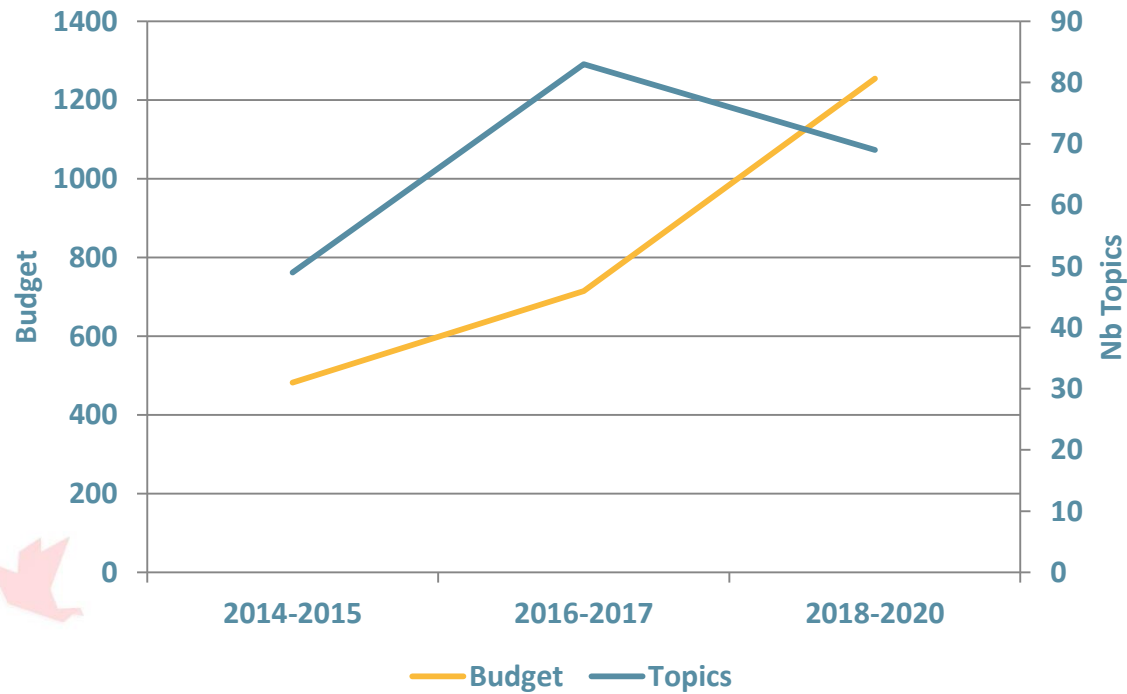
Connecting economic and environmental gains – the **Circular Economy**

253 M€

Urban food systems, biowaste valorisation, bio-based plastics and fertilisers, bio-based models for rural communities

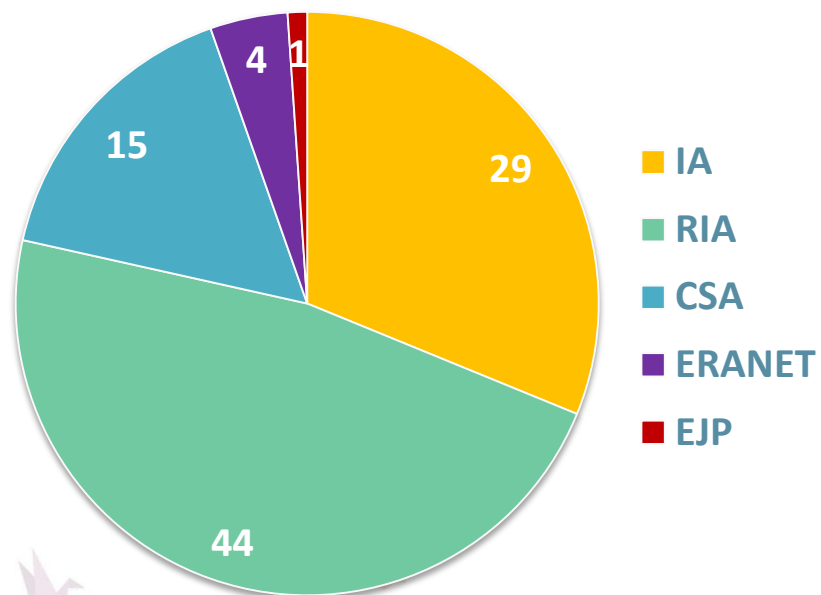
A more strategic and focused approach

Evolution of SC2 calls budget and topic counts

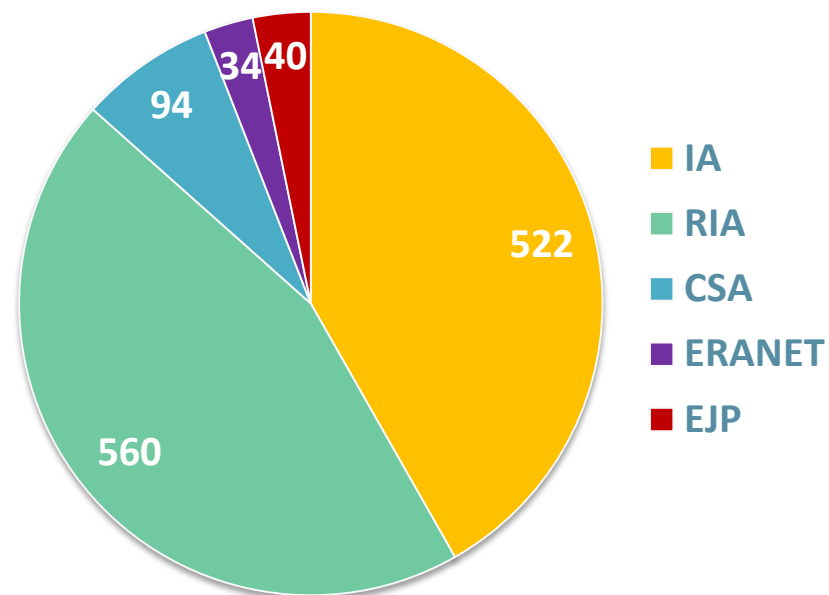


Instruments: balancing close to market actions with investment in new knowledge

Number of actions by type of action



Budget by type of action (M€)



Open innovation, open science, open to the world

- **Open innovation**

- **€500 mio for multi-actor projects** (interactive innovation linked to EIP-AGRI)



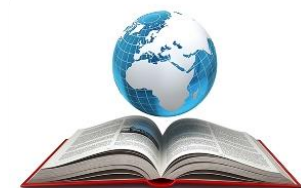
- **Open science**

- Research data sharing **by default**
- **Open science clouds**: Food cloud demonstrators (10M€) & Blue cloud services (6M€)



- **Open to the world**

- **89M€** on **EU-AFRICA** partnership on Food and Nutrition Security and Sustainable Agriculture (11 projects): food systems, sustainable intensification and income diversification
- **23M€** on **EU-CHINA** (5 projects): food safety, soil management and bio-based fertilisers
- **64M€** on **"All Atlantic Ocean Research Alliance"** (8 projects): coordination, marine ecosystems and new value chains
- **PRIMA**



Cross-cutting approaches

- **A strong commitment to Responsible research and innovation**
 - 31 topics under multi-actor approach (500M€ - over 80 grants)
 - 27 topics with strong public engagement requirement
 - 2 topics with a gender dimension
- **A wide space for Social sciences and humanities integration**
 - 55 topics flagged for SSH (75%)
- **Key contributions to global goals (Rio-markers)**
 - Climate
 - Sustainable development
 - Biodiversity



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Horizon 2020 Work Programme for Research & Innovation 2018-2020

EIP-AGRI & The multi-actor approach



Horizon
2020

Connecting policies: the bigger EIP picture

CAP /Rural development (regional/national level)



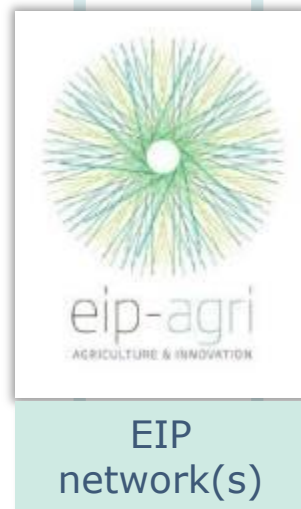
Operational Group

Funding for:

OG preparation

OG projects

Innovation support services



EIP network(s)



Unique EU knowledge repository
of contacts and practice abstracts



(European projects)

- Research projects
- Multi-actor projects and thematic networks (interactive innovation)



OPERATIONAL GROUP

Involvement of OGs is strongly recommended

Spread the results



European Commission

EIP-AGRI – Where are we?

- 27 Member States, **98 rural development programmes implementing the EIP**
- Around 3 200 OGs planned in 2014-2020. **Over 400 OGs already running**
- **61 H2020 multi-actor projects ongoing, including 17 thematic networks (+6 about to start)**
- **A growing and thriving Network**

An increasing volume of practice-oriented knowledge !

European Commission > EIP-AGRI > My EIP-AGRI

My EIP-AGRI

Operational Groups

Thematic Networks

Multi-Actor Projects

My EIP-AGRI

Thematic Networks

Thematic networks are multi-actor projects which collect existing knowledge and best practices on a given theme to make it available in easily understandable formats for end-users such as farmers, foresters, and advisors. All Thematic Network information available here.

Welcome to My EIP-AGRI

This is an on-line resource developed to support your information/guidance needs. Simply select the type of project you are involved or interested in to access your portal to all the information you need.

<https://ec.europa.eu/eip/agriculture/en/my-eip-agri>
<https://ec.europa.eu/eip/agriculture/en/my-eip-agri/operational-groups>

Operational groups: what are they working on?

Operational Groups



Growing protein crops to optimise livestock farms' profits

Operational Group SOS Protein-TERUnic in the west of France is increasing the protein in their animal feed, while remaining profitable

[Read more](#)

← FEATURE NEWS

READ ALL NEWS →

Latest projects

SPAIN - 08 MAY 2017

Control of *Monilinia* spp. in stone fruit: use of prediction models and cultural practices

[Read more](#)

GERMANY - 02 MAY 2017

A new approach to fertilization and weed control in organic rapeseed production

[Read more](#)

GERMANY - 02 MAY 2017

Development of a learning network to enhance awareness and willingness to improve health management in pig production to reduce the use of antibiotics

[Read more](#)

GERMANY - 02 MAY 2017

Marketing of laying hens at the end of the laying period and males in innovative product lines

[Read more](#)

ITALY - 02 MAY 2017

Broadening and improving biodiversity for a more

Key questions & information

EIP-AGRI Concept

Links to existing Operational Groups

What is innovation?

EIP-AGRI Operational Groups – basic principles

Innovation support services (including advisors with a focus on innovation)

EIP-AGRI networking

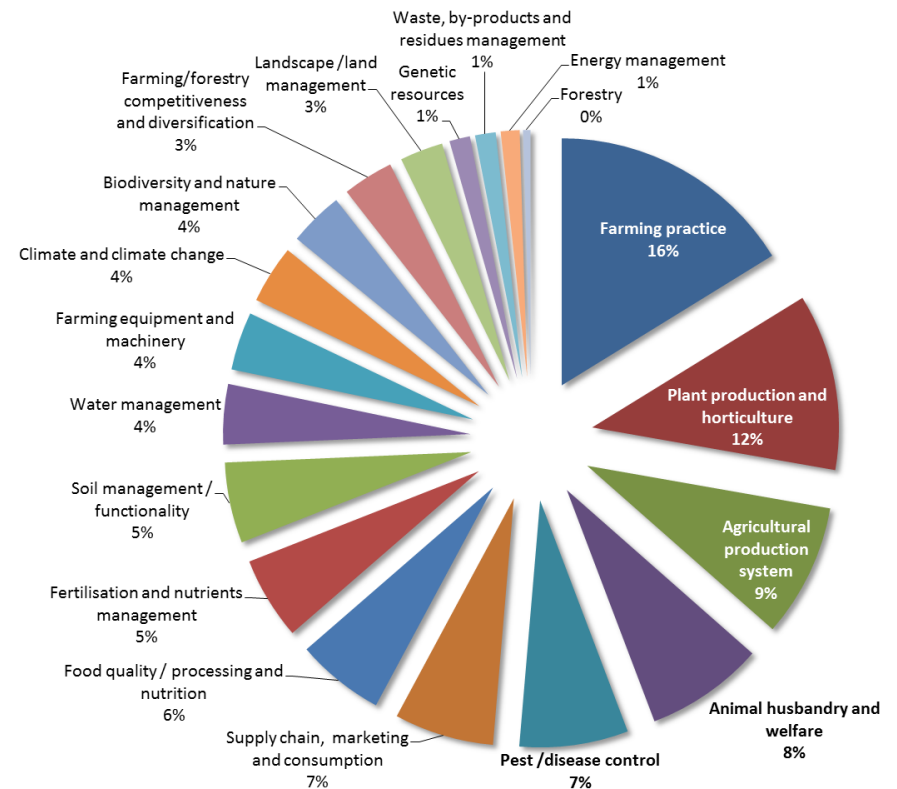
Links to other policies

EIP-AGRI common format

VIDEO: Operational Groups - First Experiences

Managing Authorities Contact Details

Pooling funding streams to boost interactive innovation



The multi-actor approach under WP2018-2020

Key points

- The project must respond to real needs of those on the ground
- Adequate choice of actors with complementary knowledge
- Genuine & sufficient involvement of actors all along the project
- Produce practical knowledge easily accessible, understandable and applicable
- Dissemination at minimum through Agri EIP with practice abstracts



The EIP common format & practice abstracts

- Set of basic elements characterising the project includes one (or more) "practice abstract"(s)
- Two main objectives:
 - enable contacting partners and exchange knowledge
 - disseminate results to practitioners in a concise and easy understandable way
- Can be used to provide information all along the life-cycle of the project:
 - Start: explain what you are going to do
 - Mid-term: update
 - End: disseminate results
- Counts as a "deliverable"



European Commission > EIP-AGRI > EIP-AGRI common format

EIP-AGRI common format


The interactive innovation approach under the European Innovation Partnership Agricultural Productivity and Sustainability (EIP-AGRI) fosters the development of demand-driven innovation, turning creative new ideas into practical applications thanks to interactions between partners, the sharing of knowledge and effective intermediation and dissemination.

Read more about the EIP-AGRI Common format for interactive innovation projects
Click here to Complete the EIP-AGRI Common format for interactive innovation projects

The EIP common format consists of a set of basic elements characterising the project and includes one (or more) "practice abstract"(s). The format was developed with two main objectives:

1. to enable contacting partners and incentivise efficient knowledge exchange, and
2. to disseminate the results of the project in a concise and easy understandable way to practitioners.

The common format allows providing information all along the life-cycle of the project. The content of the common format can be updated at any moment when useful, for instance in an intermediate phase of the project. Project information should at least be available at the beginning (describing the situation at the start of the project, including project title and objectives) and at the end of the project (describing the results/recommendations resulting from the project, including a final project report and one or more practice abstracts).

Attachment	Size
 eip_common_format_16_oct_2016.xls	770.5 KB

<https://ec.europa.eu/eip/agriculture/en/eip-agri-common-format>

In practice:
One excel file
Version tailored for H2020 projects

Call deadlines

	2018	2019	Type of action
Single stage	13 Feb. 2018	23 Jan. 2019	CSA, IA, EJP, ERANET...
First stage	13 Feb. 2018	23 Jan. 2019	RIA
Second stage	11 Sept. 2018	4 Sept. 2019	RIA



Resources, guidance and tools

- **Useful pages and documents**

- Horizon 2020 [online manual](#)
- [Reference documents](#) : work programmes, legal and guidance documents
- [Frequently asked questions](#) (FAQ) on participant portal
- [IT Helpdesk](#) for questions about the Participant Portal tools and processes
- [How to manage data](#): open data, open access, data management plans
- [Communication](#) and [dissemination](#): [what's the difference?](#)

- **You have a specific question?**

- Contact your [National Contact Point](#) or the Horizon 2020 [helpdesk](#) for guidance, practical information and assistance on all aspects of participation in Horizon 2020.



EIP-AGRI [Brochure](#)



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Horizon 2020 Work Programme for Research & Innovation 2018-2020

Sustainable Food Security



Horizon
2020

Sustainable Food Security:
**€ 753 million to use our resources more wisely
and nourish people more sustainably**



**Produce more diverse and healthier food
from well-managed functional ecosystems**



**Increase resource efficiency and
environmental performance of food systems**

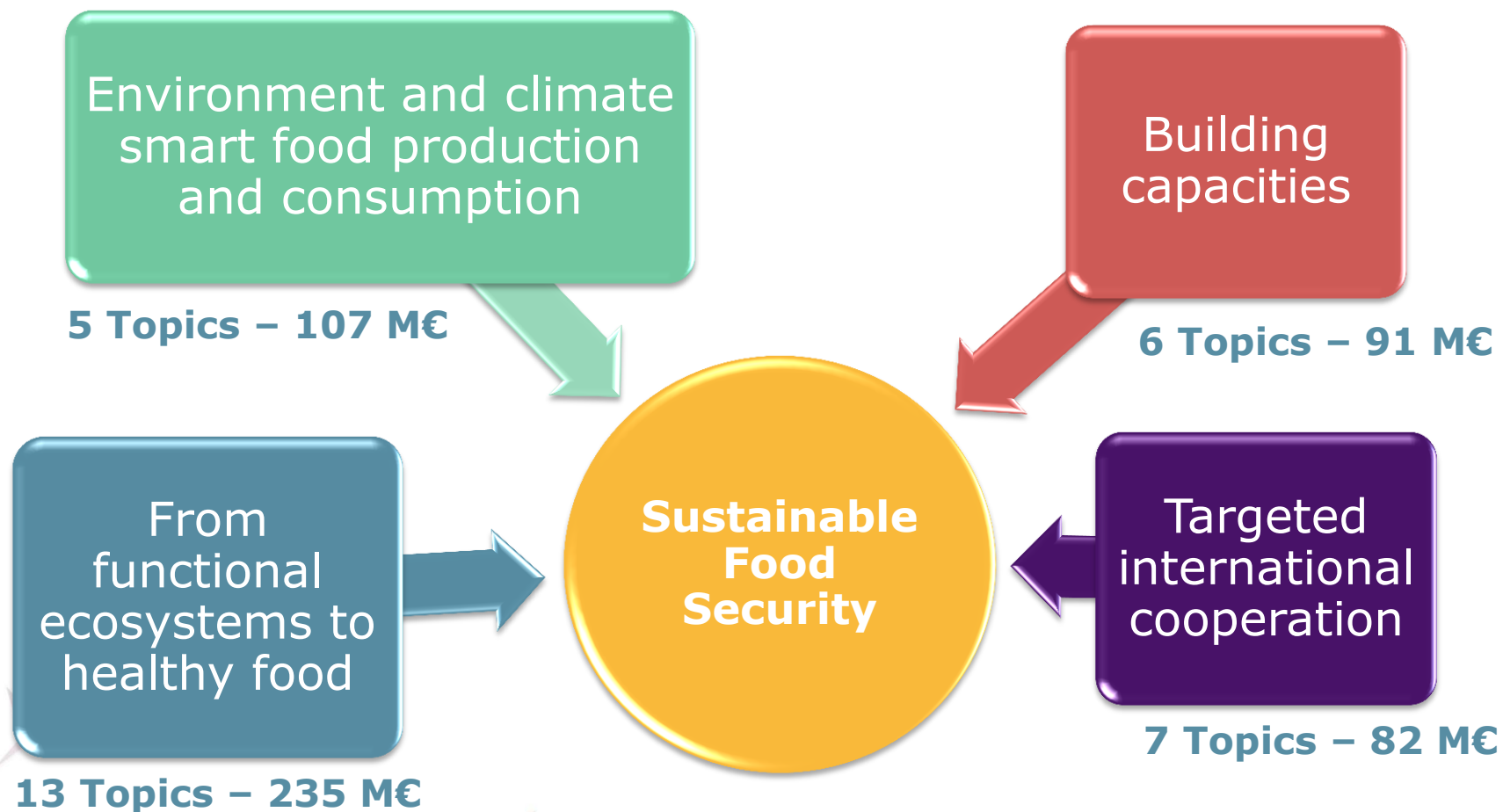


**Understand the impact of climate change
and design adaptation strategies**



**Going global: 112 M€ for joint actions with
Africa and China**

Sustainable food security – 515M€ (2018-2019)



Type of actions :
RIA, IA, CSA, EJP, ERANET



Sustainable food security topics (2018)

From functional ecosystems to healthy food

- Biodiversity in action
- Microbiome
- IPM
- Healthy beekeeping
- Animal welfare
- Anti-microbials and animal production
- Personalised nutrition
- Plant breeding
- Healthy sust. Food
- Future-proofing our plants

10 topics – 143 M€

Environment/ Climate-smart Food production and consumption

- Climate-smart farming
- Valorising urban biowaste

2 topics – 27 M€

Building capacities

- Monitoring R&I investments
- GenRes & pre-breeding
- Plant-variety testing
- Agri-Aqua labs

4 topics – 36 M€

Targeted international cooperation

- Microbiome coordination and IBF
- EU-Africa
 - ✓ Support FNSSA implementation
- EU-China
 - ✓ Soils management

3 topics – 13 M€

From functional ecosystems to healthy food

- **Biodiversity in action:** across farmland and value chain (RIA-30M€)*
- **Microbiome** applications for sustainable food systems (IA-42M€)*
- **Integrated health approaches** and alternatives to pesticide use (RIA-15M€)
- **New and emerging risks in plant health** (RIA-14M€)*
- **Stepping-up integrated pest management** (RIA-5M€)*
- **Making european beekeeping** healthy and sustainable (RIA-8M€)*
- **Improving animal welfare** (RIA+IA -10+6M€)*
- **Antimicrobials** in animal production (RIA-18M€)*
- **A vaccine against Africa swine fever** (IA-10M€)
- **Personnalised nutrition** (IA-28M€)*
- **Future proofing our plants** (CSA-3M€)*
- **Towards healthier and sustainable food** (RIA-14M€)*
- **Alternative proteins** for food and feed (IA-32M€)

13 topics – 235 M€ (*2018-2019)



Environment/ Climate-smart Food production and consumption

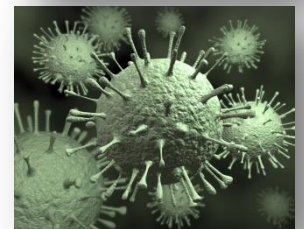
- **Climate-smart and resilient farming** (RIA - 21M€)*
- EJP on agricultural soil management (COFUND EJP - 40M€)
- Integrated water management in small agricultural catchments (RIA - 14M€)
- Innovative and citizen-driven food system approaches in cities (IA - 12M€)
- **Integrated system innovation in valorising urban biowaste** (IA - 20M€)*



5 topics – 107 M€ (*2018-2019)

Building capacities

- Food cloud demonstrators (IA – 10M€)
- **Monitoring food R&I investments and impacts (RIA – 7M€)***
- **Genetic resources and pre-breeding communities (CSA & RIA – 17M€)***
- **Innovations in plant variety testing (RIA – 8M€)***
- **Agri-aqua Labs (RIA – 28M€)***
- ERANETs in agri-food (ERA-NET-Cofund – 21M€)



6 topics – 91 M€ (*2018-2019)

Targeted international cooperation

- **Supporting microbiome coordination and the international bioeconomy forum (CSA – 2,75M€)***
- **EU-Africa Partnership on FNSSA**
 - Support to implementation (CSA – 5M€)*
 - Food systems Africa (RIA - 21M€)
 - Sustainable intensification in Africa (RIA - 35M€)
- **EU-China FAB Flagship initiative**
 - Integrated approaches to food safety controls across the food chain (RIA - 8M€)
 - Highly efficient management of soil quality and land resources (RIA - 5M€)*
 - High-quality organic fertilisers from biogas digestate (IA - 5M€)



7 topics – 82 M€ (*2018-2019)



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Horizon 2020 Work Programme for Research & Innovation 2018-2020

Rural renaissance



Horizon
2020

Rural renaissance: our territories

€ 263 million for rural territories to become smarter, greener more circular and better connected



Invest in businesses:

125 M€ for developing small scale refineries, boosting regional bioeconomy and innovative supply chains



Invest in people:

41 M€ to boost innovation, co-creation and exploitation of knowledge by improving skills and innovation systems



Invest in policies fit for the future:

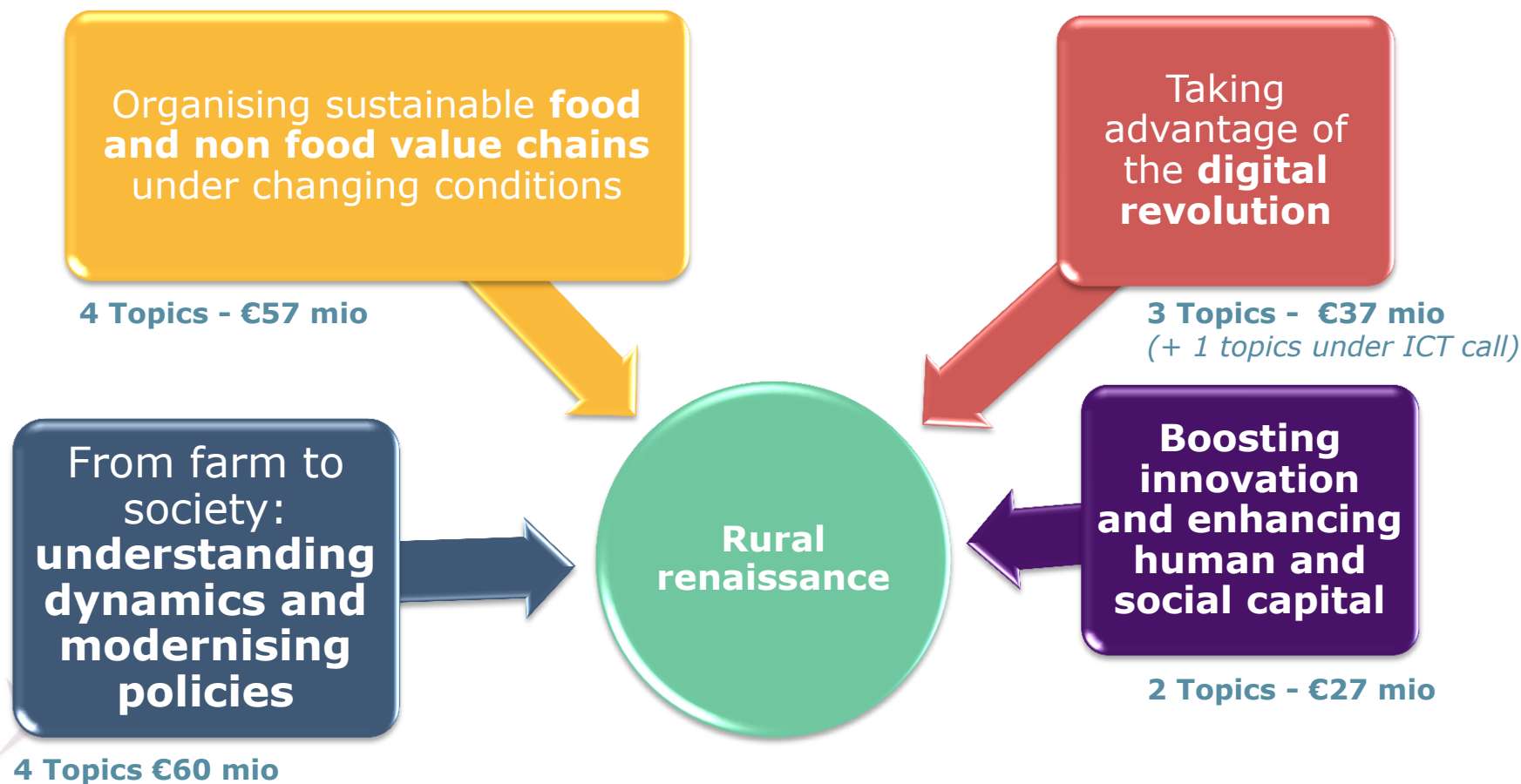
60 M€ to modernize policies to favour generation renewal and greater resilience and public goods delivery



Go digital:

37 M€ to take make the promises of the digital revolution come true for farmers and rural people

Rural renaissance – 181M€ (2018-2019)



Type of actions :
RIA, IA, CSA



European
Commission

Rural renaissance topics (2018)

Dynamics & policies

- **Modern policies from long-term visions & societal engagement:**
 - ✓ Science-policy-society hub
 - ✓ Generation renewal
- **Socio-economic impacts of digitisation**
- **Contracts for effective agro-environment delivery inc:**
 - Land tenure
 - Result-based policies
 - Collective delivery
- **Analytical tools and models**
 - ✓ New models for policy

4 topics – 49 M€

Food & non-food Value chains

- **Closing nutrient cycles:**
 - ✓ Properties and impacts of biofertilisers
- **Regional and local bio-based economies**

2 topics – 9 M€

Taking advantage of the digital revolution

- **Digital innovation hubs for agriculture**
- **Preparing advisors for the digital age**
- **Digital solutions and e-tools to modernise the CAP**

3 topics – 37 M€

Innovation and human capital

- **Thematic networks compiling knowledge ready for practice**

1 topic – 12 M€

From farm to society: understanding dynamics and modernising policies

- Building modern rural policies on **long-term visions** and **societal engagement** (CSA+RIA – 23M€)
 - Rural society-science-policy hub (CSA-5M€)*
 - Renewing generations, jobs and farms (RIA – 12M€) *
 - Resilient mountain value chains (RIA – 6M€)
- Socio-economic **impacts of digitisation** of agriculture and rural areas (RIA – 5M€) *
- **Contracts for effective and lasting delivery** of agri-environmental **public goods** (RIA – 15M€) *
- Analytical tools and **models to support policies** related to agriculture and food (RIA – 17M€)
 - Developing new models supporting policies (RIA-12M€) *
 - Modelling international trade in agri-food (RIA-5M€)



4 topics – 60 M€ (*2018-2019)

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Organising sustainable food and non food value chains under changing conditions

- **Closing nutrient cycles** (RIA+IA-14M€)
 - Understanding properties and impacts of bio-based fertilisers (RIA- 6M€)*
 - Bio-based fertilisers from animal manure (IA-8M€)
- Realising the potential of **regional and local bio-based economies** (CSA-3M€)*
- Circular **bio-based business models** for rural communities (IA-20M€)
- **Sustainable wood** value chains (IA-20M€)
 - Building with wood (IA-20M€)



4 topics – 57 M€ (*2018-2019)

Taking advantage of the digital revolution

- ICT innovation for agriculture – **Digital innovation hubs for agriculture** (IA-20M€)*
- Enabling the **farm advisor** community to prepare farmers for the **digital age** (CSA-7M€)*
- Digital **e-tools** to **modernise the CAP** (IA-10M€)*



3 topics – 37 M€ (*2018-2019)

And in the ICT call:

**DT-ICT-08- Agricultural digital integration platforms
(IA-15M€-2019)**

!!Closes in November 2018!!



Taking advantage of the digital revolution

Uptake

- **RUR-13-2018: Enabling the farm advisor's community to prepare farmers for the digital age (7M€)**

Technology Development

- **DT-RUR-12-2018 ICT Innovation for Agriculture – Digital Innovation Hubs for Agriculture (IA – 20M€)**

- **DT-ICT-08-2019: Agricultural digital integration platforms (IA – 30M€*)**
- **RUR-14-2018: Digital solutions and e-tools to modernise the CAP (IA – 10M€**)**

Impact

- **RUR-02-2018: Socio-economic impacts of digitisation of agriculture and rural areas (RIA – 5M€***)**

*Co-financed CNECT/AGRI, published under "Information and Communication Technologies" Work Programme

** Co-financed CNECT/AGRI, published in Societal Challenge 2 Work Programme

*** See RUR call, "From farm to society: understanding dynamics and modernising policies"

Boosting innovation and enhancing human and social capital

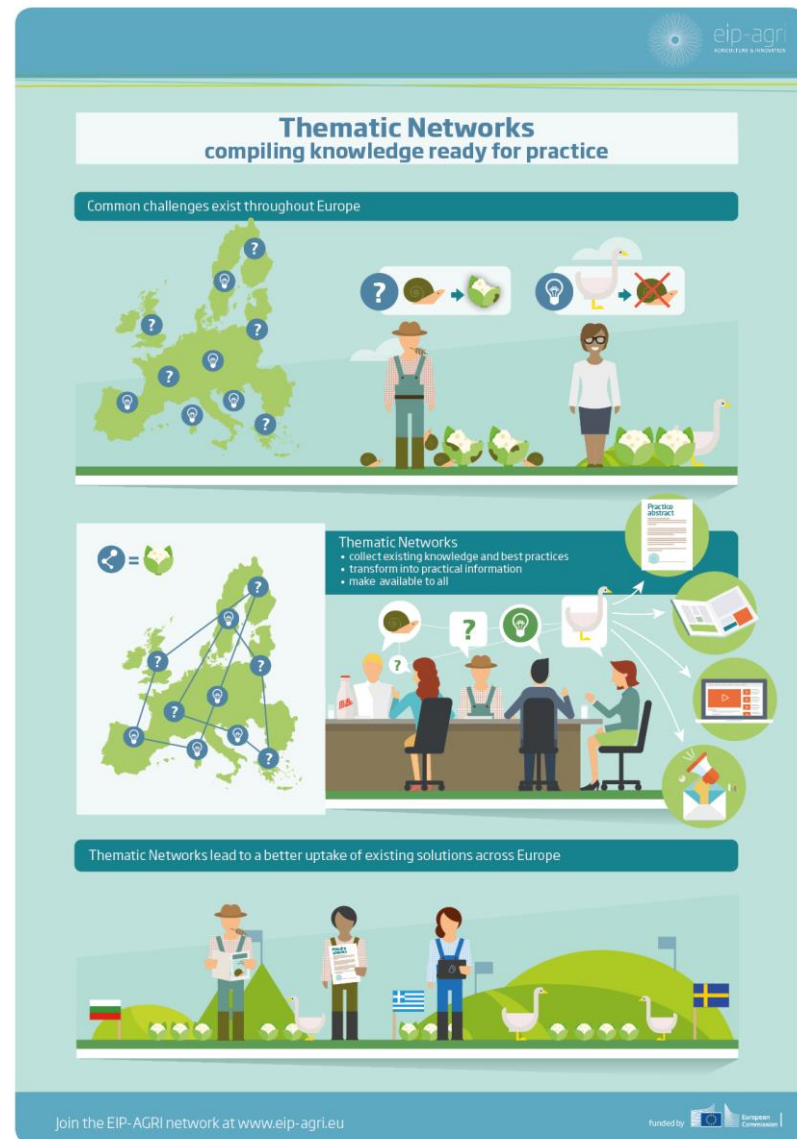
- **Thematic networks** compiling knowledge ready for practice (CSA – 22 M€)*
- Fuelling the **potential of advisors for innovation** (CSA -5M€)



2 topics – 27 M€ (*2018-2019)

Thematic networks

- foster **cross-border knowledge exchange**
- establish links with and between the OGs
- involve a wide range of concerned actors **covering both science and practice** on specific themes: no pure research networks
- synthesise, discuss and present **existing scientific knowledge & best practices**: what do we have/what do we miss to be used
- Develop **end-user material**:
 - info sheets in a common format
 - audio-visual material
 - Available in the long-term and easily understandable,
 - **shared through the EIP** (input for education and a research web-database for end-users)



17 running thematic networks

Innovation systems



Environment, mixed farming, grasslands



Value chains



Crops



EUFRUIT – European Fruit Network



Livestock



Thank you!

#InvestEUresearch
#H2020SC2

www.ec.europa.eu/research/bioeconomy

www.ec.europa.eu/agriculture/research-innovation_en

Participant Portal

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

PRIMA

- **Partnership for Research and Innovation in the Mediterranean Area (PRIMA)**
- **Initiative launched by 19 Euro-Mediterranean Countries, including 11 EU States* and 8 non-EU countries** to participate in a EU joint research and innovation programme.**
- **Art. 185 of TFUE → long-term cooperation**
- **Strategic research and innovation agenda as backbone**
- **Total budget: 220 M€ (EU) + 220-240 M€ (participating states)**
- **Around 100 M€ for water research over 10 years**

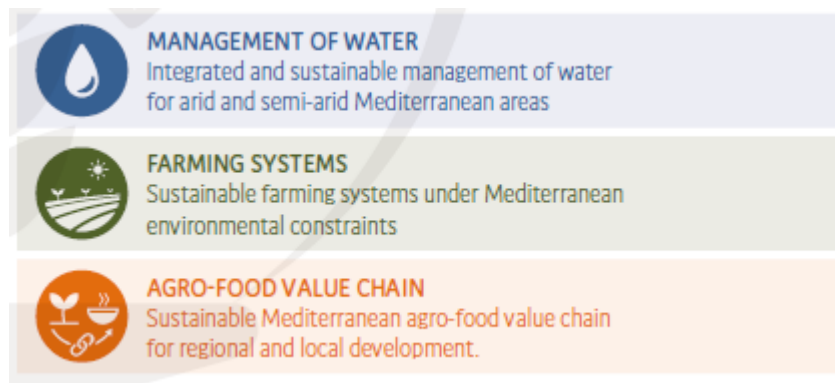
* Croatia, Cyprus, France, Germany, Greece, Italy, Luxembourg, Malta, Portugal, Slovenia and Spain

**Algeria, Egypt, Israel, Jordan, Lebanon, Morocco, Tunisia and Turkey



PRIMA

3 thematic areas, 8 operational objectives closely interlinked



First calls: end 2017, early 2018