



## Jornada Informativa Asturias Horizonte 2020

Seguridad Alimentaria, Agricultura y Silvicultura Sostenible, Investigación Marina y Marítima, Recursos Acuáticos y Bioeconomía

“RETO SOCIAL 2 en HORIZONTE 2020 y más ...”

4 de diciembre 2018, IDEPA, Llanera

*Jesús Escudero*

*Relaciones Internacionales*

*Punto Nacional de Contacto H2020-RS2*

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

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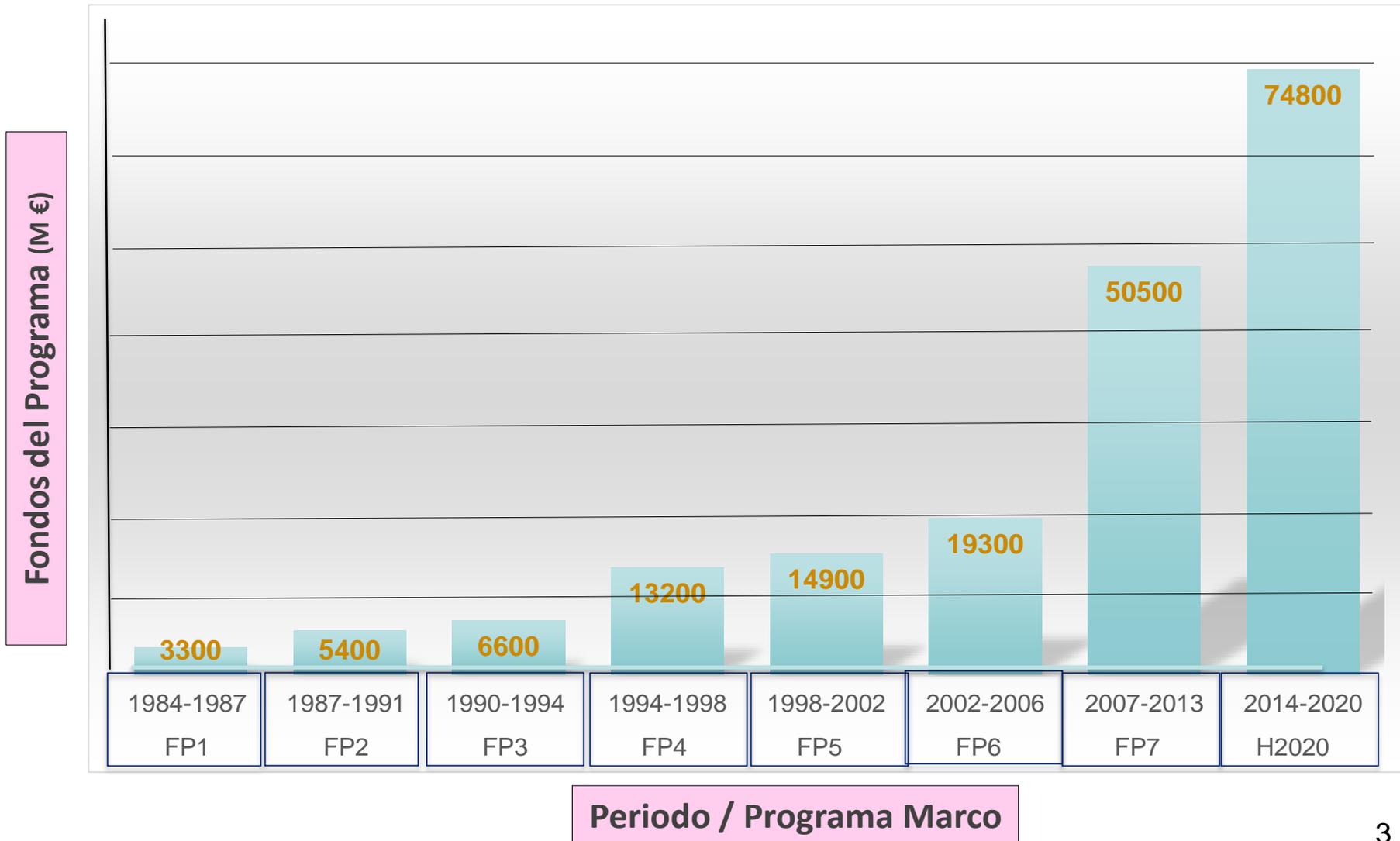


# CONTENIDO DE ESTA PRESENTACIÓN

- *Programas Europeos de Financiación I+D+i*
- *Bioeconomía en el Contexto Económico*
- *Plan de Acción para Bioeconomía Europea*
- *Herramientas de Financiación y Oportunidades*
- *Programa Horizonte 2020*
- *Reto Social 2 en Horizonte 2020*
- *Consejos Básicos para el Éxito*
- *Resumen del Nuevo Programa Horizon Europe*
- *Iniciativa PRIMA*

# FINANCIACIÓN - PROGRAMAS EUROPEOS 1984-2020

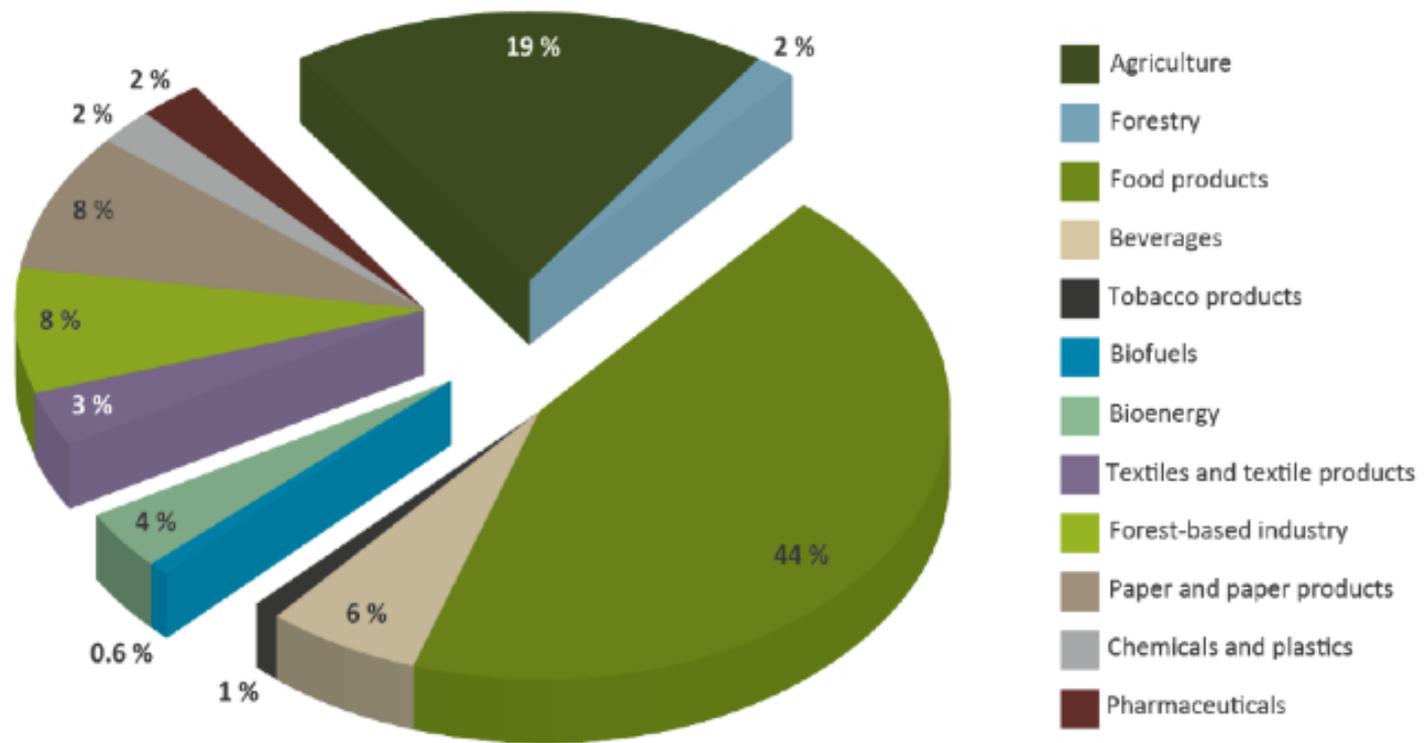
Previsión Horizon Europe: **100.000**



(Source: European Parliament, based on European Commission data)

# BIOECONOMÍA EUROPEA

Turnover in the EU bioeconomy (EU-28, 2013)  
Total: 2.1 trillion Euro



# BIOECONOMÍA EUROPEA

  
EMPLOYMENT  
(MILLION JOBS)  
**18**

  
TURNOVER  
(TRILLION EUR)  
**2.3**

  
VALUE ADDED  
(BILLION EUR)  
**621**

		EMPLOYMENT (MILLION JOBS)	TURNOVER (BILLION EUR)	VALUE ADDED (BILLION EUR)
	AGRICULTURE	9.2	380	174
	FORESTRY	0.5	50	24
	FISHING AND AQUACULTURE	0.2	12	7
	FOOD, BEVERAGES AND OTHER AGRO-MANUFACTURING	4.5	1 153	233
	BIO-BASED TEXTILES	1.0	103	28
	WOOD PRODUCTS AND FURNITURE	1.4	174	47
	PAPER	0.6	187	46
	BIO-BASED CHEMICALS AND PHARMA- CEUTICALS, PLASTICS AND RUBBER	0.4	177	56
	LIQUID BIOFUELS	0.03	12	3
	BIOELECTRICITY	0.01	11	3

DATA 2015

Joint  
Research  
Centre

Source: based on Ronzon & M'Barek, 2018  
<https://doi.org/10.3390/su10061745>

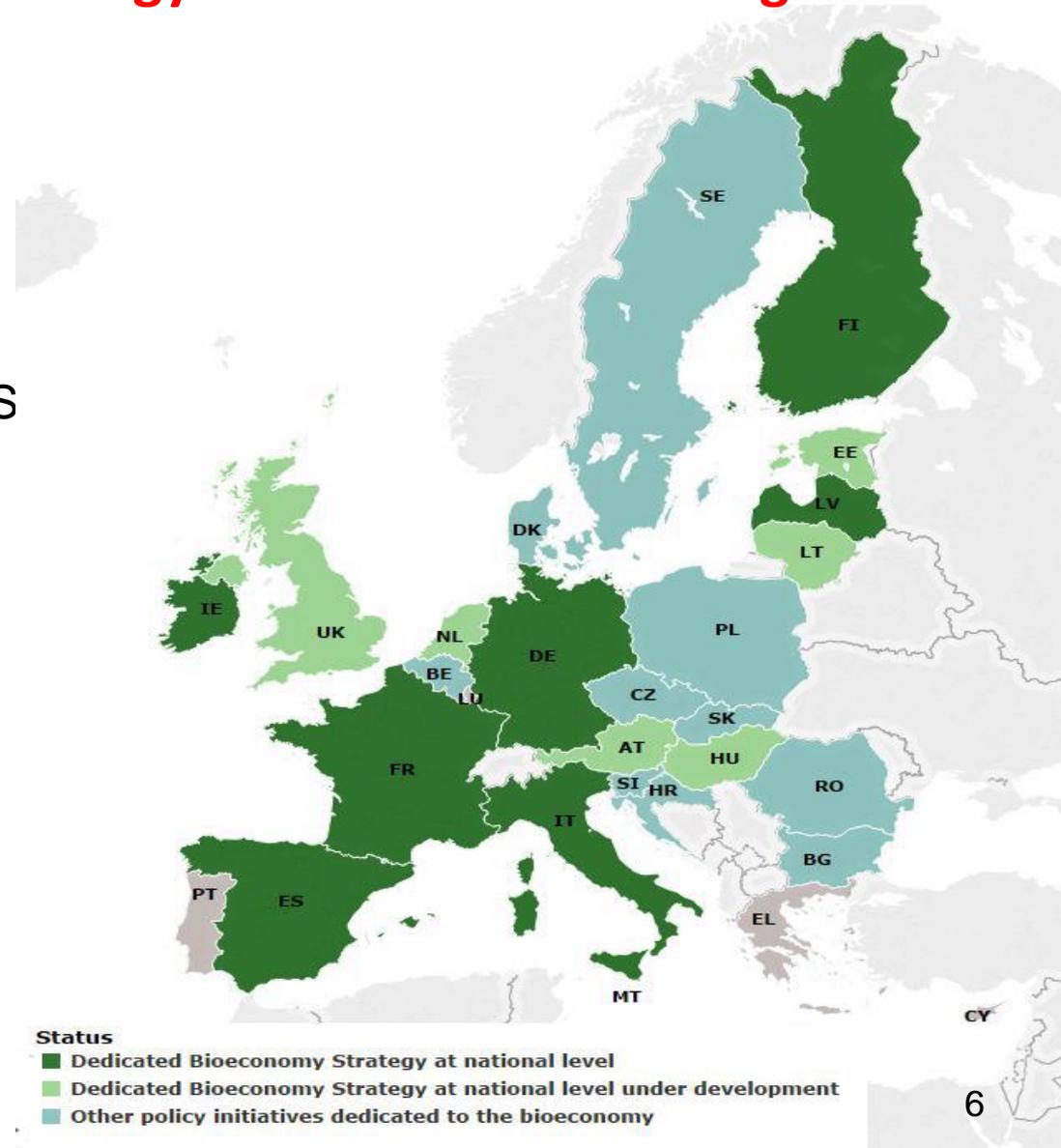
## 2017 Bioeconomy Strategy Review – Main Findings

### DELIVERY

- BE R&I investment doubled from FP7 to Horizon 2020
- Bio-based-industries partnership developing transformative technologies for circular BE
- Bioeconomy policies taken up in MS regions, cities
- Bioeconomy Manifesto established

### BUT

- Further mobilisation of investment needed
- Better address policy coherence
- Current policy context (CE, SDGs, Paris,..) calls for a sustainable, circular bioeconomy
- Better monitoring and assessment frameworks needed (indicators; biomass supply & demand; ...)



# Una Bioeconomía para Europa

## Action Plan: A new Opportunity for the Regions.

(President Jean-Claude Juncker, Commissioner Carlos Moedas and Director John Bell)

- Updated Bioeconomy Strategy: A sustainable bioeconomy for Europe. Strengthening the connection between economy, society and the environment.
- New Bioeconomy Strategy to boost jobs, growth and investment in the EU. It aims to improve and scale up the sustainable use of renewable resources to address global and local challenges such as climate change and sustainable development.
- The EU aims to lead the way in turning waste, residue and discards into high value products, green chemicals, feed and textiles. Research and innovation plays a key role in accelerating the green transition of the European economy and in meeting the United Nations Sustainable Development Goals.
- Using resources from land and sea for a post-petroleum economy.



[https://www.youtube.com/watch?v=RfRN\\_hHeIKk](https://www.youtube.com/watch?v=RfRN_hHeIKk)

A SUSTAINABLE  
**BIOECONOMY**  
FOR EUROPE:

STRENGTHENING THE CONNECTION BETWEEN  
ECONOMY, SOCIETY AND THE ENVIRONMENT

# OPORTUNIDADES A LA VISTA

PRIORITIES	TOOLS AND INITIATIVES	
<b>A) NATIONAL / BIOECONOMY STRATEGIES</b>	1. Bio-based Industries Joint Undertaking (BBI JU) 2. Horizon 2020 / Societal Challenge 2 3. FOOD 2030 Initiative (policy tool) 4. Bioeconomy Knowledge Centre 5. Bioeconomy Cities	<a href="http://www.bbi-europe.eu/">www.bbi-europe.eu/</a> <a href="http://ec.europa.eu/programmes/horizon2020/en/how-get-funding">http://ec.europa.eu/programmes/horizon2020/en/how-get-funding</a> BERST project <a href="http://www.berst.eu/">http://www.berst.eu/</a> S2Biom project <a href="http://www.s2biom.eu/en/">http://www.s2biom.eu/en/</a>  <a href="https://ec.europa.eu/jrc/en/scientific-tool/bioeconomy-observatory">https://ec.europa.eu/jrc/en/scientific-tool/bioeconomy-observatory</a>
<b>B) COOPERATION</b> - cross-sectoral - inter-regional - cross-regional - macro-regional	6. Smart Specialisation Platform – AgroFood 7. Knowledge Exchange Platform (KEP) 8. Tools to link EU regions, clusters and networks [ <i>study, eye@ RIS3, SCAR, BioE Stakeholders Panel, ERRIN, ERRIAF, Bio-NCPs, EIP – AGRI, Vanguard, H2020 Widening of participation (Twinning, teaming..)</i> ] 9. Macro-regional Strategies (policy tool) <b>e.g. PRIMA Initiative</b>	EYE @RIS tool <a href="http://s3platform.jrc.ec.europa.eu/map">http://s3platform.jrc.ec.europa.eu/map</a>  BONUS, BLUEMED  <a href="http://prima-med.org">http://prima-med.org</a>
<b>C) FINANCIAL TOOLS</b>	10. H2020–ESIF Synergies on Bioeconomy 11. InnovFin 12. Juncker Package – ESFI	Seal of Excellence (SoE)  Guides: <a href="https://ec.europa.eu/research/regions/index.cfm?pg=publications">https://ec.europa.eu/research/regions/index.cfm?pg=publications</a>

# OPORTUNIDADES A LA VISTA

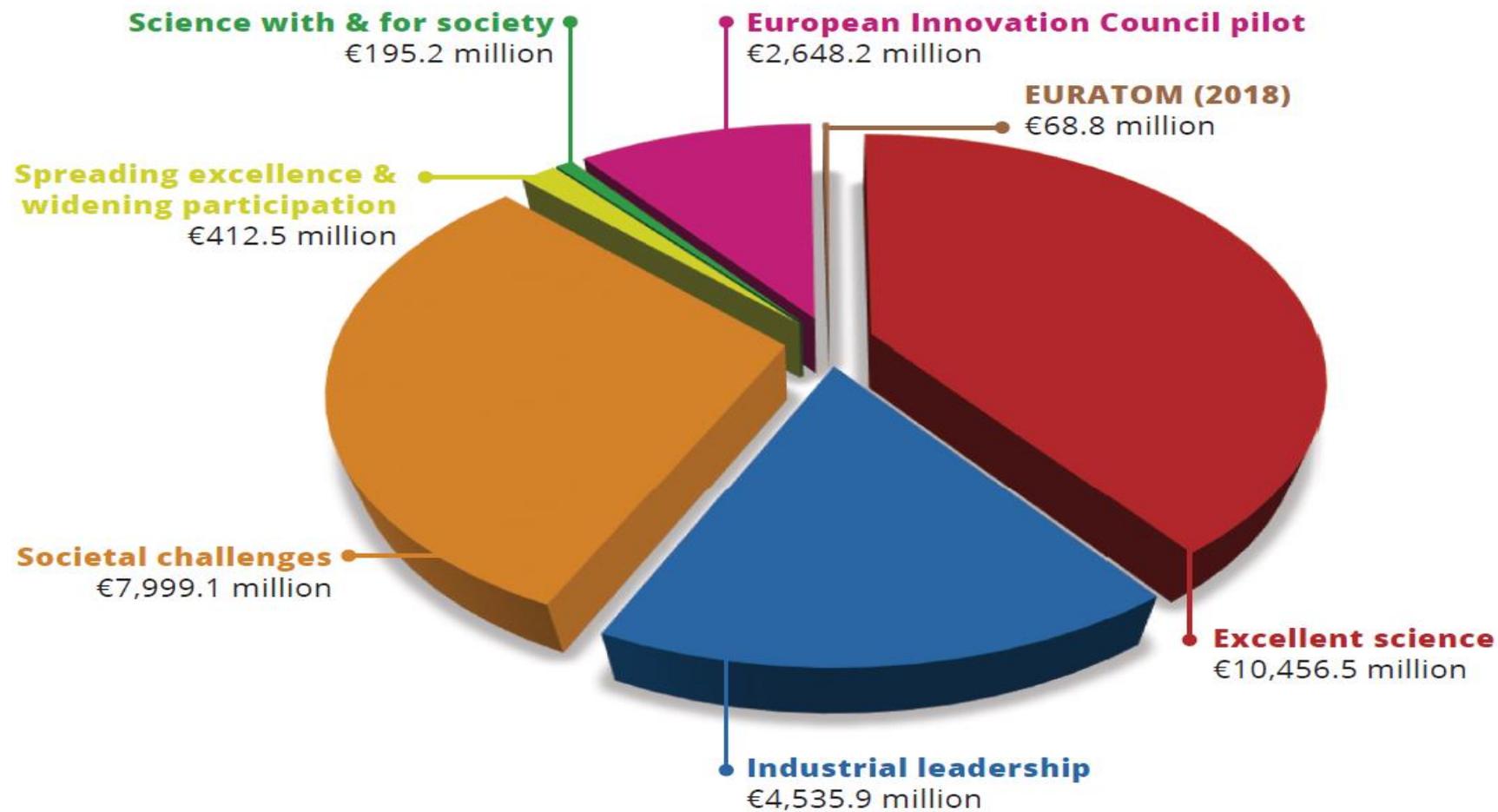
Crecimiento Económico Esperado para 2030  
Inversión I+D+i vs. Mercados Futuros en Biotech

	<b>Total de gastos de negocio en I+D+i biotecnológica en la zona OCDE en 2003</b>	<b>Estimación del valor añadido bruto (VAB) potencial del sector biotecnológico en la zona OCDE para 2030</b>
<b>Sanidad</b>	<b>87%</b>	<b>25%</b>
<b>Agricultura</b>	<b>4%</b>	<b>36%</b>
<b>Industria</b>	<b>2%</b>	<b>39%</b>
<b>Otros</b>	<b>7%</b>	<b>-</b>

Fuente: La evolución de la bioeconomía hasta 2030 - Diseño de una agenda política, OCDE

# HORIZONTE 2020

## PPTO General I+D+i - Periodo 2018-2020



# Contexto Político en H-2020

## • Compromisos Globales



**United Nations**  
Framework Convention on  
Climate Change

## • Políticas Europeas



See infographic  
**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.

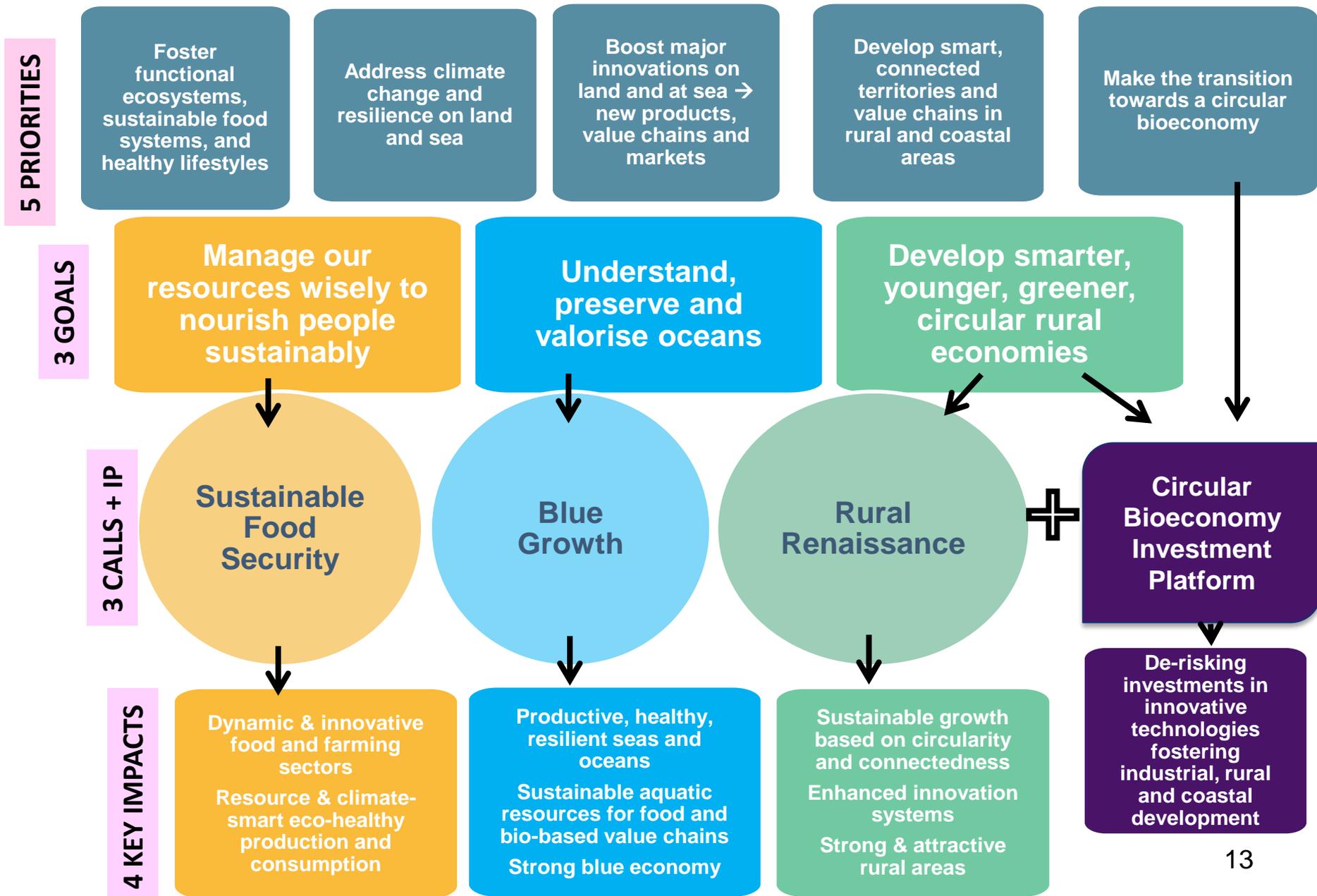
Around **350 million jobs** worldwide are linked to the ocean.<sup>1</sup>

**Integrated Maritime & Common Fisheries**



**Digital Single Market**

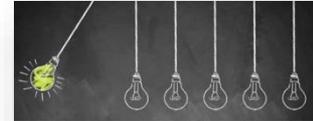
# HORIZONTE 2020 RETO SOCIAL 2



## Open innovation, Open science, Open to the world

### • Open Innovation

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



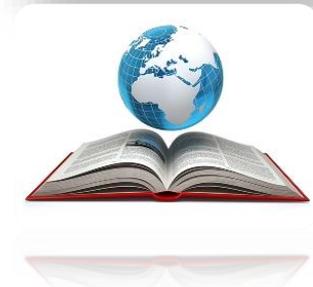
### • Open Science

- 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 Elements

- **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**
  - 55 topics flagged for SSH (75%)
- **Key contributions to global goals (Rio-markers)**
  - Climate
  - Sustainable development
  - Biodiversity

# HORIZONTE 2020 RETO SOCIAL 2

CAP /Rural development  
(regional/national level)



**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)



**Involvement of OGs is  
strongly recommended**

**Spread  
the results**

# HORIZONTE 2020 Reto Social 2

## Programa de Trabajo I+D+i 2018-2020

**BUDGET: 1.300 M€**

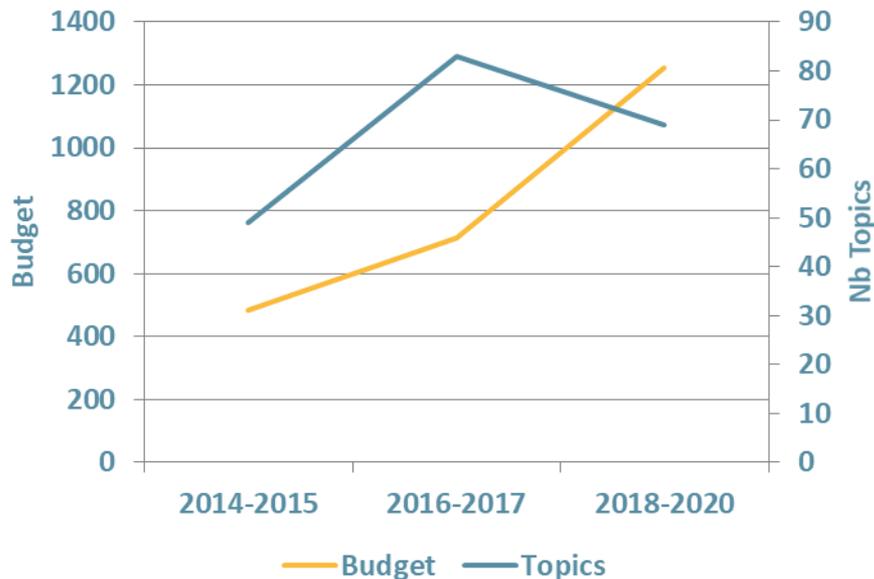
- Food Security
- Sustainable Agriculture & Forestry
- Marine + Maritime + Inland Water Research
- Bioeconomy



# HORIZONTE 2020 RS-2 / 2018-2020

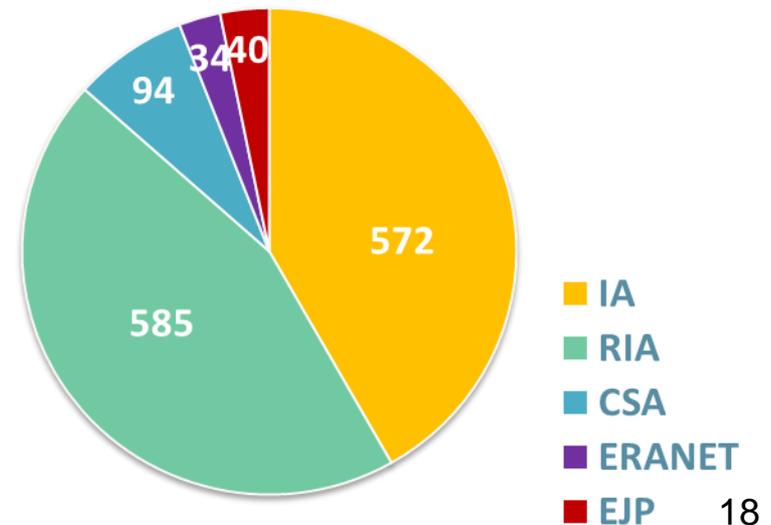
Menos Topics, más presupuesto  
→ más Proyectos por Topic

Evolution of SC2 calls budget and topic counts



Más inversión en acciones de nuevo conocimiento cercano al mercado

Budget by type of action (M€)



## Sustainable Food Security

753 M€ 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 Topics (2018-2019)

### From functional ecosystems to healthy food

- Biodiversity in action
- Microbiome
- Integrated health approaches
- IPM
- Healthy beekeeping
- Animal welfare
- Anti-microbials and animal production
- African Swine fever
- Personalised nutrition
- Plant breeding
- Healthy sust. food
- Alternative proteins

13 topics – 235 M€

### Environment/ Climate-smart Food production and consumption

- Climate-smart farming
- EJP soils
- Integrated water management
- Citizen-driven food system approaches in cities
- Valorising urban biowaste

5 topics – 107 M€

### Building capacities

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

6 topics – 91 M€

### Targeted international cooperation

- Microbiome coordination and IBF
- EU-Africa
- ✓ Support FNSSA implementation
- ✓ Food systems
- ✓ Sustainable intensification
- EU-China
- ✓ Food safety controls
- ✓ Soils management
- ✓ Fertilisers from biogas digestate

7 topics – 82 M€

## Blue Growth 2018-2019

166,5 M€ to sustainably harvest the potential of aquatic and marine resources, while protecting biodiversity and enhancing climate resilience

Improve knowledge on impact of climate change on marine ecosystems and biological resources to effectively manage their response, mitigation and resilience capacities

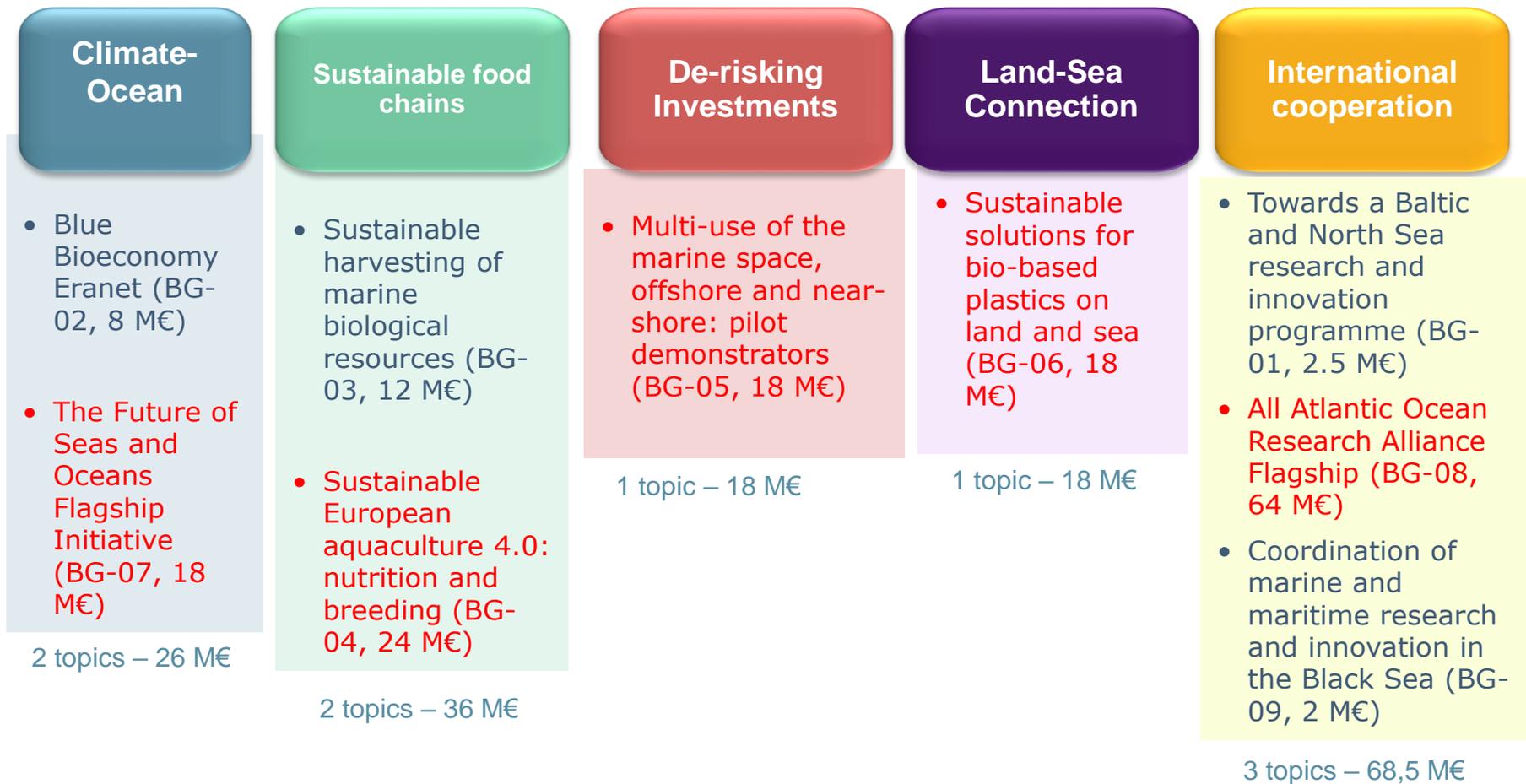
Preserve and sustainably exploit marine and coastal ecosystems, and biological resources to deliver improved nutrition and health

De-risk investments and boost blue innovations to develop new bio-based marine value chains and open up new markets

Develop smart and connected territories between land and sea

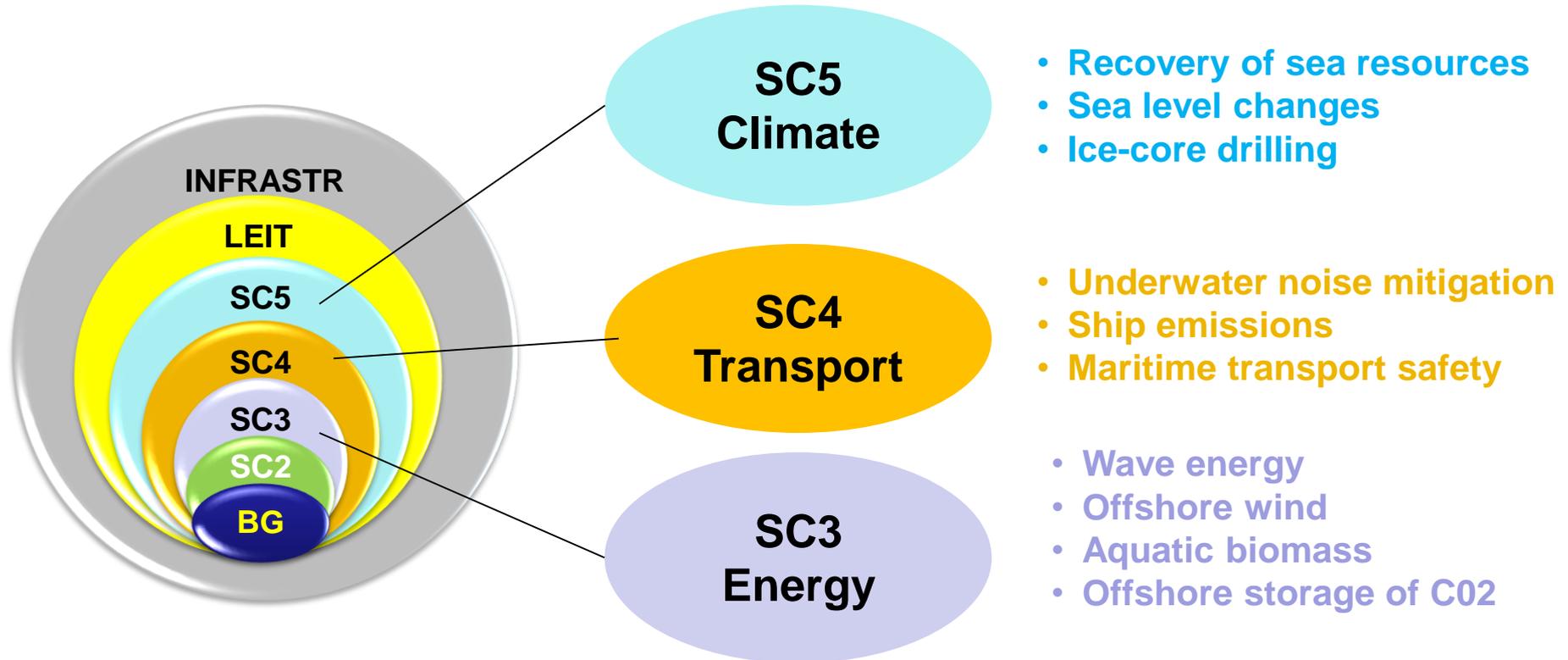
Strengthen international cooperation, to promote a globally sustainable blue economy

## Blue Growth Topics (2018-2019): Examples



Type of Actions: RIA, IA, CSA, ERANET

## Blue Growth Flags across Several H2020 Work Programmes



## Rural Renaissance - Our Territories

263 M€ for rural territories to become smarter, younger, 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 Topics (2018-2019)

### Dynamics & policies

- Modern policies from long-term visions & societal engagement:
  - ✓ Science-policy-society hub
  - ✓ Generation renewal
  - ✓ **Mountain value chains and climate change**
- 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
  - ✓ **Modelling trade**

4 topics – 60 M€

### Food & non-food Value chains

- Closing nutrient cycles:
  - ✓ Properties and impacts of biofertilisers
  - ✓ **Bio-based fertilisers from manure**
  - ✓ Bio-based fertilisers from other by products
- Regional and local bio-based economies
- **Circular bio-based business models for rural communities**
- **BIOEAST Support Action**
- Sustainable wood value chains
  - ✓ **Building with wood**
  - ✓ Resilient forest systems

4 topics – 57 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€

+ UNDER LEIT-ICT call

- Agricultural cross-cutting integration platforms

1 ICT topics – 15 M€  
4 RUR+ICT topics – 52 M€

### Innovation and human capital

- **Thematic networks compiling knowledge ready for practice**
- **Fuelling the potential of advisors for innovation**

2 topics – 27 M€

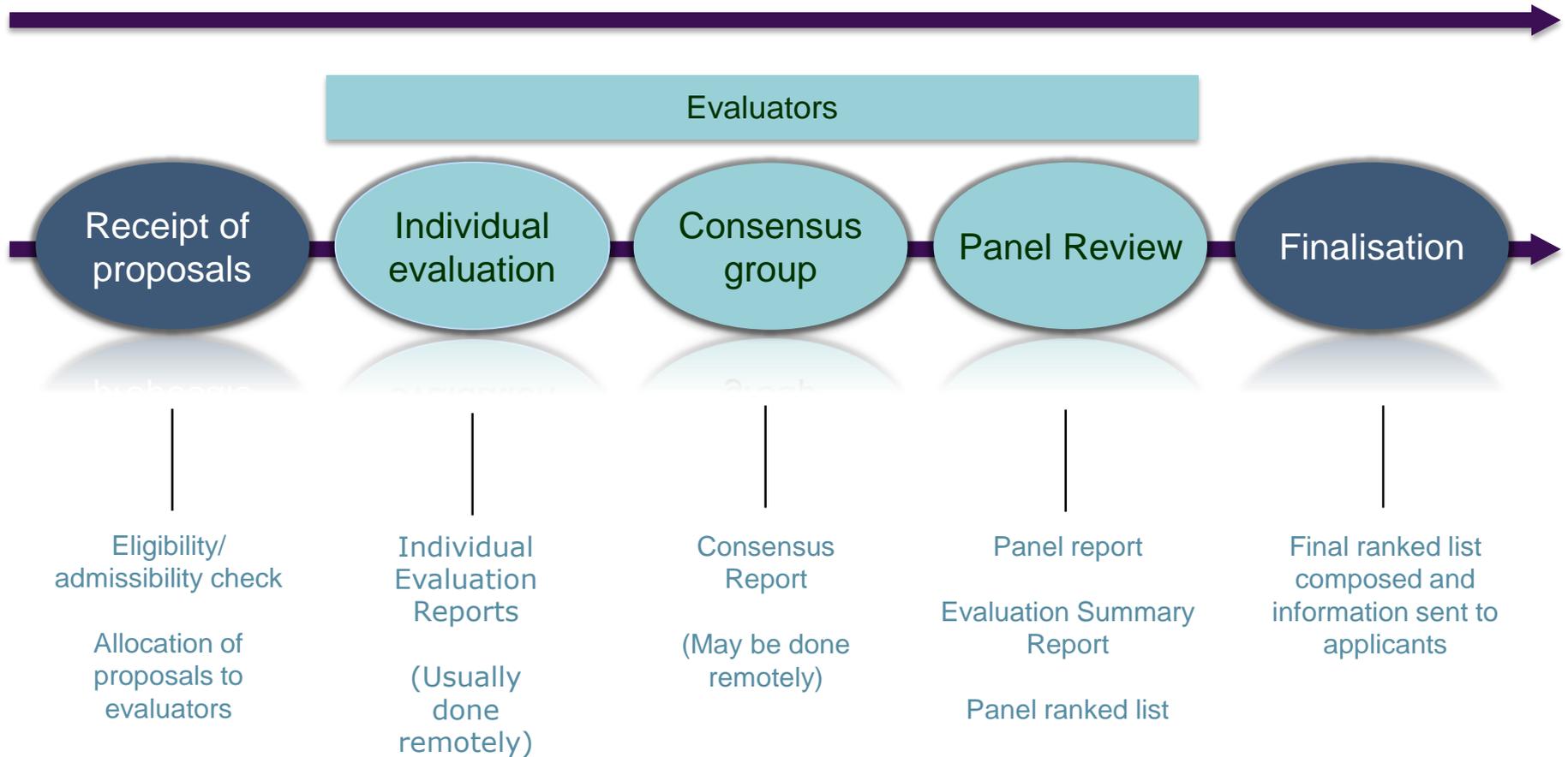
Type of Actions: RIA, IA, CSA

## Call Deadlines

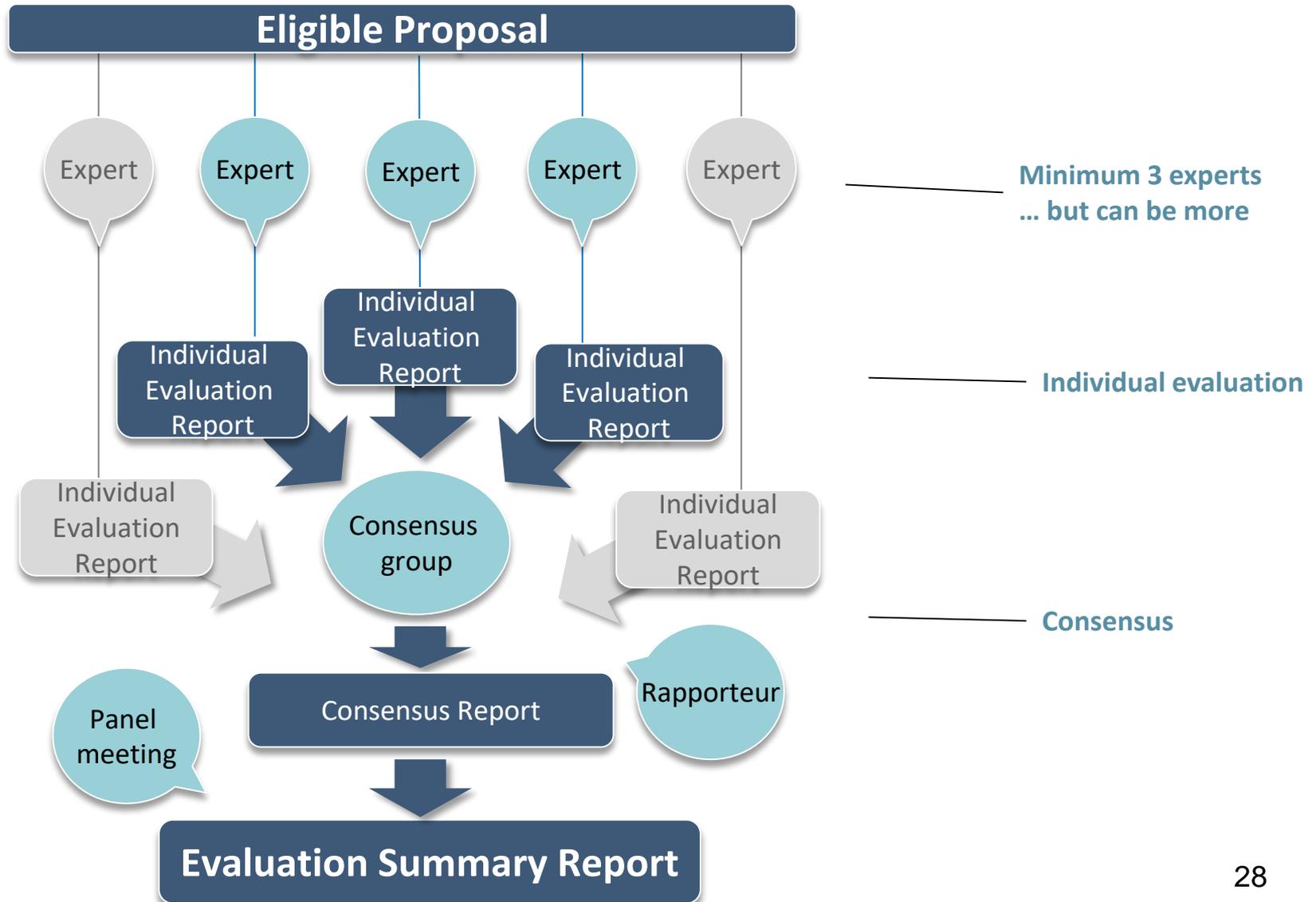
Opening	Submission procedure	Stage	Deadline	Info to applicants	Grant Agreements
16 Oct. 2018	<b>Single Stage</b>	Single stage	<b>23 Jan. 2019</b>	June 2019	Oct. 2019
	<b>2-Stages</b>	1 <sup>st</sup> stage	<b>23 Jan. 2018</b>	May 2019	-
		2 <sup>nd</sup> stage	<b>04 Sept. 2019</b>	Nov. 2019	May 2020

## Evaluation Process (as usual) for Each Call

Max. 5 months



## Evaluation Process (as usual) for Each Call



## Evaluation of Proposals

### STANDARD AWARD CRITERIA

**EXCELLENCE**

**IMPACT**

**QUALITY &  
EFFICIENCY  
OF THE ACTION**

- ✓ **Innovation actions** >> Higher Weighting for "IMPACT"

## Scores

0

The proposal **fails** to address the criterion or cannot be assessed due to missing or incomplete information.

1

**Poor.** The criterion is inadequately addressed, or there are serious inherent weaknesses.

2

**Fair.** The proposal broadly addresses the criterion, but there are significant weaknesses.

3

**Good.** The proposal addresses the criterion well, but a number of shortcomings are present.

4

**Very Good.** The proposal addresses the criterion very well, but a small number of shortcomings are present.

5

**Excellent.** The proposal successfully addresses all relevant aspects of the criterion. Any shortcomings are minor.

# CONSEJOS BÁSICOS PARA EL ÉXITO



Start in time & choose your partners well

Avoid “recycling” of former projects or project partners which do not have a specific contribution to the topic

Check for eligibility & read the evaluation criteria – imagine what the evaluator will think

Excellent science is not enough: consider all the criteria & sub-criteria

Impact matters as much as excellence! → Check the expected impacts and scope of the topic in detail

Write clearly & respect the page limits - ask someone impartial to proof-read your proposal

Be coherent! Make sure that the chosen objectives are coherent with the foreseen project activities, the competence of the partners and the planned budget per activity. Make sure the cost/benefit ratio is sound. Keep in mind that all costs should be reasonable in the light of the foreseen outcomes.

- 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.
- 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.



## “HORIZON EUROPE”

### THE NEXT EU RESEARCH & INNOVATION PROGRAMME (2021 – 2027)

**Budget: €100 billion**

- The vision:  
"a Europe that Protects,  
a Europe that Empowers,  
a Europe that Defends"  
*(Jean-Claude Juncker)*
- Tackling **climate change**  
(35 % budgetary target)
- Helping to achieve **Sustainable Development Goals**
- Boosting the Union's  
**Competitiveness and Growth**



# HORIZON EUROPE

## “Evolution not Revolution” Specific objectives of the Programme

Support the creation and diffusion  
of high-quality knowledge

Strengthen the impact of R&I  
in supporting EU policies

Foster all forms of innovation and  
strengthen market deployment

**Optimise the Programme’s delivery for impact in a strengthened ERA**



**Pillar 1**  
Open Science

European Research Council

Marie Skłodowska-Curie Actions

Infrastructures



**Pillar 2**  
Global Challenges and  
Industrial Competitiveness

Clusters

Health  
Inclusive and Secure Society  
Digital and Industry  
Climate, Energy and Mobility  
**Food and natural resources**

Joint Research Centre



**Pillar 3**  
Open Innovation

European Innovation Council

European innovation ecosystems

European Institute of Innovation  
and Technology

**Strengthening the European Research Area**

Sharing excellence

Reforming and Enhancing the European R&I system

# HORIZON EUROPE

## Clusters in 'Global Challenges and Industrial Competitiveness'

Clusters	Areas of intervention	
Health	<ul style="list-style-type: none"> <li>* Health throughout the life course</li> <li>* Non-communicable and rare diseases</li> <li>* Tools, technologies and digital solutions for health and care</li> </ul>	<ul style="list-style-type: none"> <li>* Environmental and social health determinants</li> <li>* Infectious diseases</li> <li>* Health care systems</li> </ul>
Inclusive and Secure Societies	<ul style="list-style-type: none"> <li>* Democracy</li> <li>* Social and economic transformations</li> <li>* Protection and Security</li> </ul>	<ul style="list-style-type: none"> <li>* Cultural heritage</li> <li>* Disaster-resilient societies</li> <li>* Cybersecurity</li> </ul>
Digital and Industry	<ul style="list-style-type: none"> <li>* Manufacturing technologies</li> <li>* Advanced materials</li> <li>* Next generation internet</li> <li>* Circular industries</li> <li>* Space</li> </ul>	<ul style="list-style-type: none"> <li>* Key digital technologies</li> <li>* Artificial intelligence and robotics</li> <li>* Advanced computing and Big Data</li> <li>* Low carbon and clean industry</li> </ul>
Climate, Energy and Mobility	<ul style="list-style-type: none"> <li>* Climate science and solutions</li> <li>* Energy systems and grids</li> <li>* Communities and cities</li> <li>* Industrial competitiveness in transport</li> <li>* Smart mobility</li> </ul>	<ul style="list-style-type: none"> <li>* Energy supply</li> <li>* Buildings and industrial facilities in energy transition</li> <li>* Clean transport and mobility</li> <li>* Energy storage</li> </ul>
<b>Food and Natural Resources</b>	<ul style="list-style-type: none"> <li>* Environmental observation</li> <li>* Agriculture, forestry and rural areas</li> <li>* Food systems</li> <li>* Circular systems</li> </ul>	<ul style="list-style-type: none"> <li>* Biodiversity and natural capital</li> <li>* Sea and oceans</li> <li>* Bio-based innovation systems</li> </ul>

## Clusters and Sustainable Development Goals

### Cluster 5: Food and Natural Resources

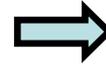


## Lessons Learned from H2020 Interim Evaluation

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Support breakthrough innovation



European Innovation Council



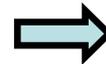
Create more impact through mission-orientation and citizens' involvement



R&I Missions



Strengthen international cooperation



Extended association possibilities



Reinforce openness



Open science policy



Rationalise the funding landscape



New approach to Partnerships

## Key Novelties in Horizon Europe

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The Partnership for Research and Innovation in the Mediterranean Area will devise new R&I approaches to improve water availability and sustainable agriculture production in a region heavily distressed by climate change, urbanisation and population growth



# PRIMA

a new partnership for inclusive, healthy and prosperous Mediterranean societies

An initiative of the EC

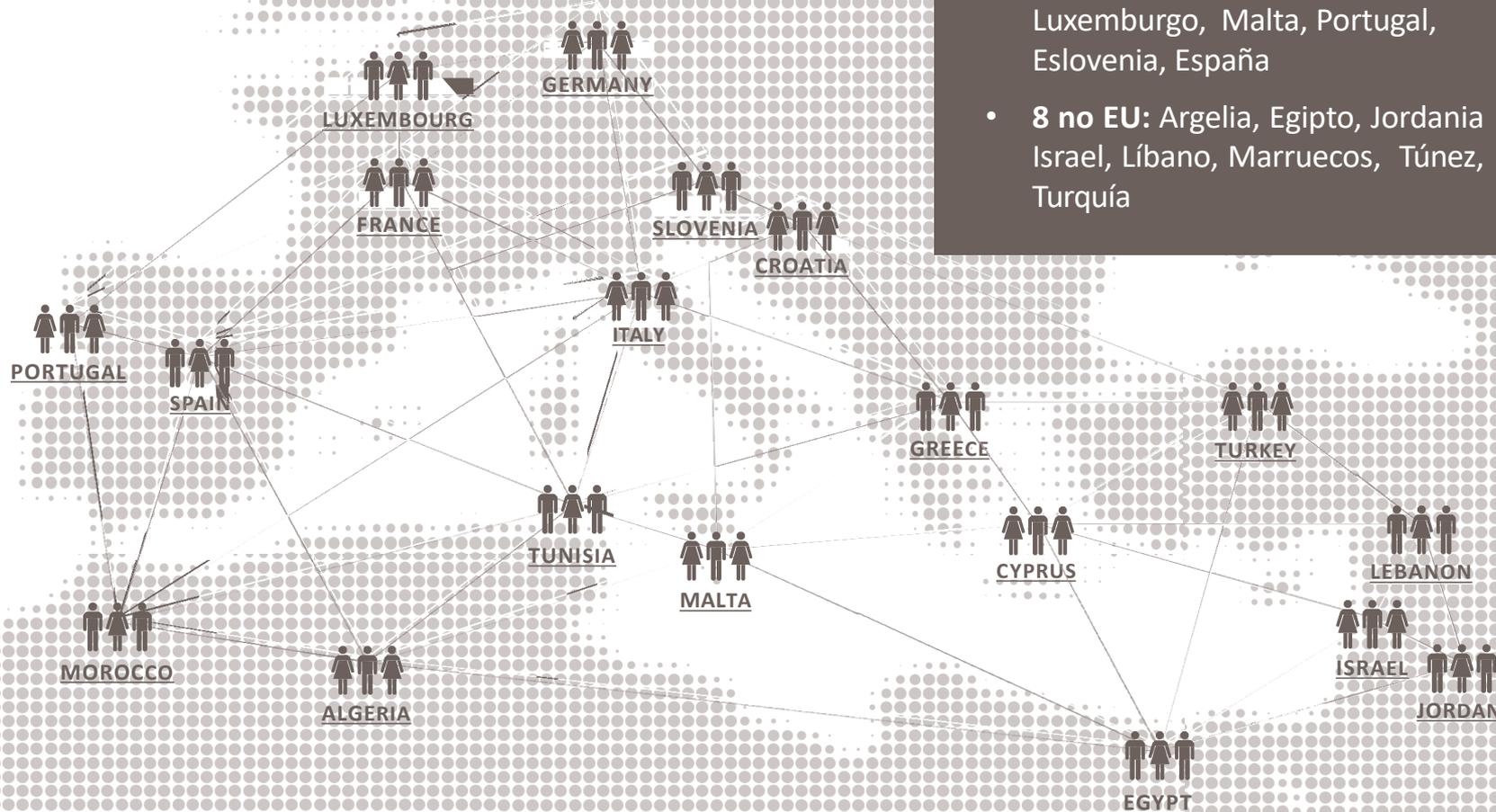


Provisional data. New call expected for February 2019

# QUIÉN FORMA PRIMA

## 19 PS Euro-Mediterráneos:

- **11 de EU:** Chipre, Croacia, Francia, Alemania, Grecia, Italia, Luxemburgo, Malta, Portugal, Eslovenia, España
- **8 no EU:** Argelia, Egipto, Jordania, Israel, Líbano, Marruecos, Túnez, Turquía



PS = Participant States

**Financia** proyectos de investigación e innovación, en la cuenca del Mediterráneo, a través de:

- **Capacitación** en países Euro-Mediterráneos: fomento de la capacitación en el sector de la gestión del agua y de los sistemas agroalimentarios
- **Coordinación de redes:** colaboración e integración de los programas y actividades entre los PSs, con actividades específicas dirigidas directamente por ellos
- **Alineamiento** de los programas nacionales
- **Participación** de una masa crítica de interesados (comunidad científica, sociedad civil e industria)

# 3 Áreas Temáticas Principales (*Pillars*)



## **GESTIÓN DEL AGUA**

Integrated and sustainable management of water for arid and semi-arid Mediterranean areas



## **AGRICULTURA Y SISTEMAS AGRÍCOLAS**

Sustainable farming systems under Mediterranean environmental constraints



## **CADENA AGRO-ALIMENTARIA**

Sustainable Mediterranean agro-food value chain for regional and local development



# Tipo de subvenciones

## RIA

### Research and Innovation Action

Investigación orientada a encontrar nuevas soluciones capaces de superar los objetivos de PRIMA

**Financiación 100%**

## IA

### Innovation Action

Actividades próximas al mercado incluyendo prototipos, etc. para el desarrollo de nuevos productos, proceso o servicios

Participación de la industria

**Financiación: 70% (100% organizaciones sin ánimo de lucro)**



## Reglas de participación:

Al menos **3 entidades legales distintas** establecidas en **3 países diferentes** (PS o país asociado del H2020), de los cuales:

- Al menos uno de: **Chipre, Croacia, Francia, Alemania, Grecia, Italia, Luxemburgo, Malta, Portugal, Eslovenia, España**
- Al menos uno de un tercer país mediterráneo: **Argelia, Israel, Egipto, Jordania, Líbano, Marruecos, Túnez, Turquía**

# Convocatorias Internacionales 2018

## SECCIÓN 1

- 3 convocatorias organizadas, dirigidas y financiadas por PRIMA
- 2 convocatorias RIA ( agua y agricultura) y 1 convocatoria IA (alimentación)
- Elegibilidad + Evaluación + Seguimiento (PRIMA)
- Reglas de participación: H2020
- Solo fondos europeos ( 6,1M€ / Convocatoria)
- 3 paneles de expertos, 3 listas ranking

# Convocatorias Internacionales 2018

## SECCIÓN 2

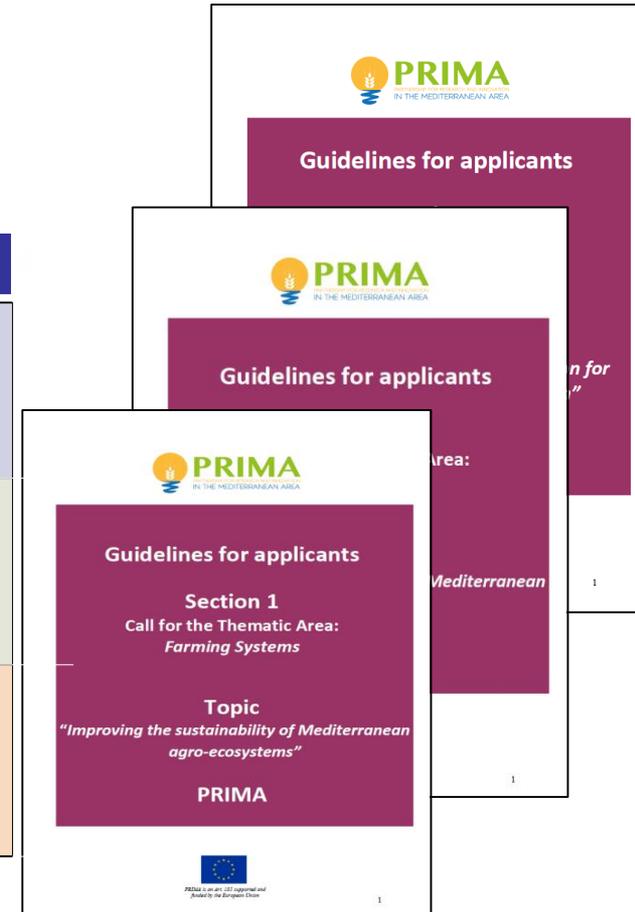
- 1 sola convocatoria con 3 tópicos y 9 subtópicos incluyendo aspectos horizontales
- Organizada por PRIMA y financiada por los países participantes
- 1 sola convocatoria RIA
- Elegibilidad (nacional) + Evaluación y Seguimiento (PRIMA)
- Fondos y Reglas de Participación: nacionales
- 1 panel de expertos, 1 lista ranking
- Un coordinador no puede enviar más de una propuesta como tal pero puede participar como socio en más de una propuesta.
- La misma propuesta no se puede enviar a diferentes convocatorias PRIMA. (Dos propuestas se considerarán iguales si el 75% del proyecto es similar en términos de objetivos, metodología y composición del consorcio).



# SECCIÓN 1 (RIA / IA Calls)

- 3 Áreas Temáticas: 3 Convocatorias
- GA firmado con PRIMA
- Presupuesto UE: 6.1M€ cada convocatoria

Thematic Area	Call Topic	Action
	<b>1</b> Water reuse and water desalination for agricultural and food production	RIA
	<b>2</b> Improving the sustainability of Mediterranean agro-ecosystems	RIA
	<b>3</b> Implementing innovation in Mediterranean Agri-food chains by smallholders and SMEs	IA

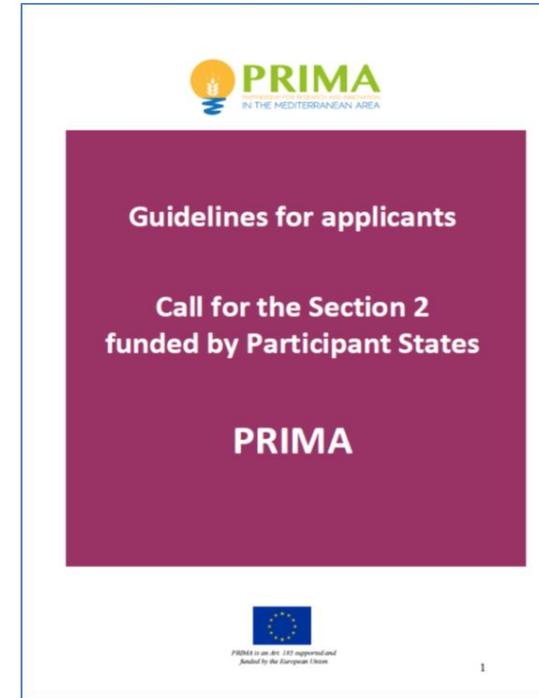




# SECCIÓN 2 (RIA Calls)

- 1 convocatoria (9 sub-topics), de acuerdo a reglas nacionales
- GA firmado con la agencia financiadora
- Presupuesto: 0€ (UE) + 32M€ (países)

THEMATIC AREA	CALL TOPIC	ACTION
	<ul style="list-style-type: none"><li>1.1 Water resources availability and quality within catchments and aquifers;</li><li>1.2 Sustainable, integrated water management;</li><li>1.3 Irrigation technologies and practice.</li></ul>	RIA
	<ul style="list-style-type: none"><li>2.1 Adaptation of agriculture to climate change;</li><li>2.2 Preventing emergence of animal and plant pests and diseases;</li><li>2.3 Farming Systems able to create employment and territorial development.</li></ul>	RIA
	<ul style="list-style-type: none"><li>3.1 Valorising food products from traditional Mediterranean diet;</li><li>3.2 Food safety and quality in local food chains;</li><li>3.3 Health effects of the dietary shifts and promotion of healthy and sustainable diets for the Med populations.</li></ul>	RIA



Las agencias financiadoras de los países apoyarán aquellos topics que consideren estratégicos

# Tipos de Proyectos Esperados

## Sección 1

- Proyectos específicos que respondan a una de las 3 áreas temáticas
- Evaluación: 3 paneles expertos (uno por convocatoria) y 3 listas ranking
- Presupuesto/proyecto: 2M€ (aprox.)

## Sección 2

- Los proyectos pueden ser transversales entre los tópicos
- Evaluación: 1 panel expertos y 1 lista ranking
- Presupuesto/proyecto: de acuerdo a reglas nacionales de países implicados

Se espera que los proyectos:

- Propongan soluciones a problemas existentes
- Involucren a diversidad de actores ( PYMEs, ONGs, agricultores, servicios de extensión, etc.) sobre todo en la convocatoria IA -> «Multi-Actor Approach»
- Promocionen la movilidad y la formación
- Potencien la integración de nuevas tecnologías (Smart digital technology)



<http://www.lavazza.es>



[www.Kaffeeform.com](http://www.Kaffeeform.com)



**MUCHAS GRACIAS**



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