



#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

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European Commission – DG Research & Innovation

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

Research and
Innovation



Work Programme 2018-2020

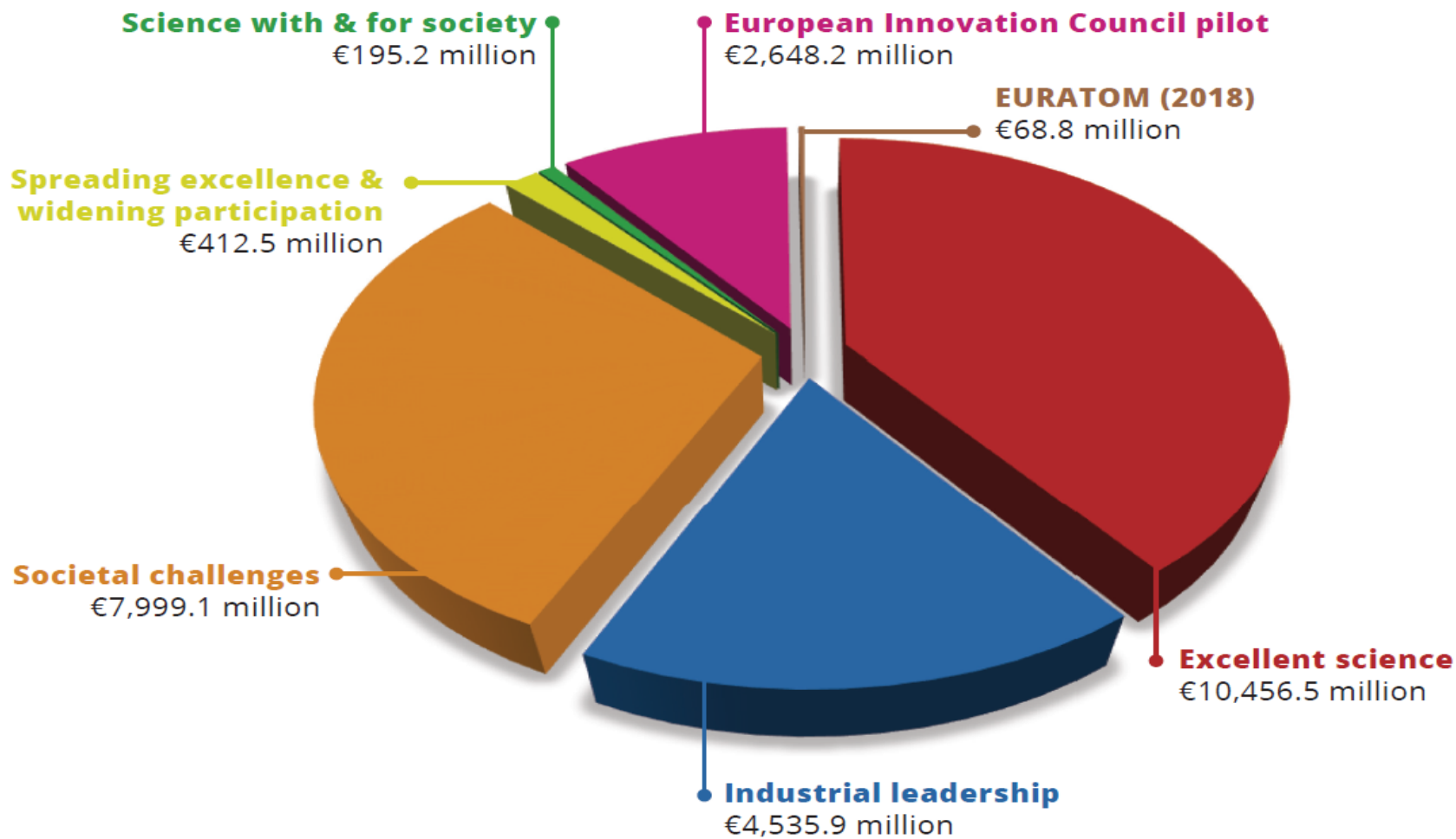
R & I investment of € 30 billion for 3 years



- **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



HORIZON 2020 INDICATIVE CALLS BUDGET (2018-2020)



WP at a glance

Open innovation, open science, open to the world

- **Open innovation**

- **€157 mio** for **European Innovation Council** (SME, FTI, FET, Prizes)
- **€500 mio** for **multi-actor projects** (interactive innovation - EIP-AGRI)



- **Open science**

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



- **Open to the world**

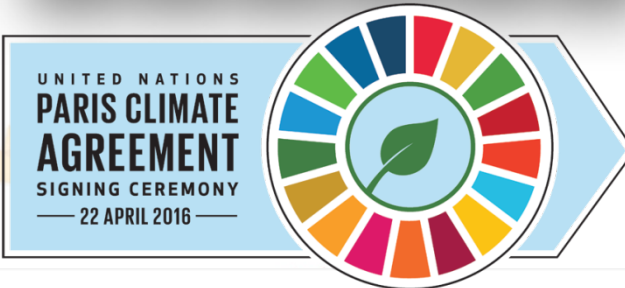
- **89M€** on **EU-AFRICA** partnership on Food and Nutrition Security and Sustainable Agriculture (11 projects): food systems, sustainable intensification and income diversification
- **23M€** on **EU-CHINA** (5 projects): food safety, soil management and bio-based fertilisers
- **64M€** on **"All Atlantic Ocean Research Alliance"** (8 projects): coordination, marine ecosystems and new value chains
- **100M€** (out of 220M€) on **PRIMA – Partnership for R&I in the Mediterranean Area**



SC2 WP at a glance

The policy context

- Global commitments

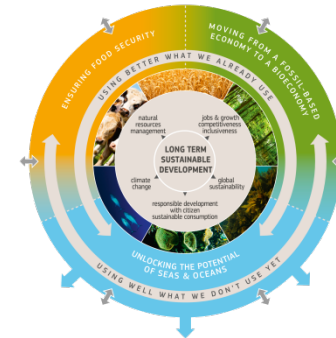


United Nations
Framework Convention on
Climate Change

- European policies



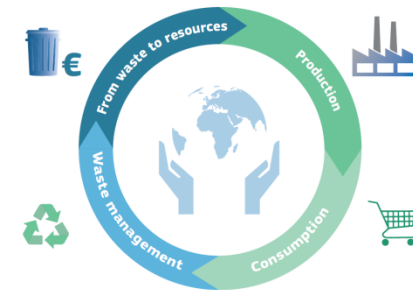
CAP & EIP-AGRI



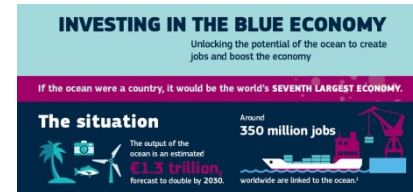
Bioeconomy strategy



Climate & energy



Circular economy



Integrated Maritime and common fisheries policies



Digital single market

SC2 WP at a glance

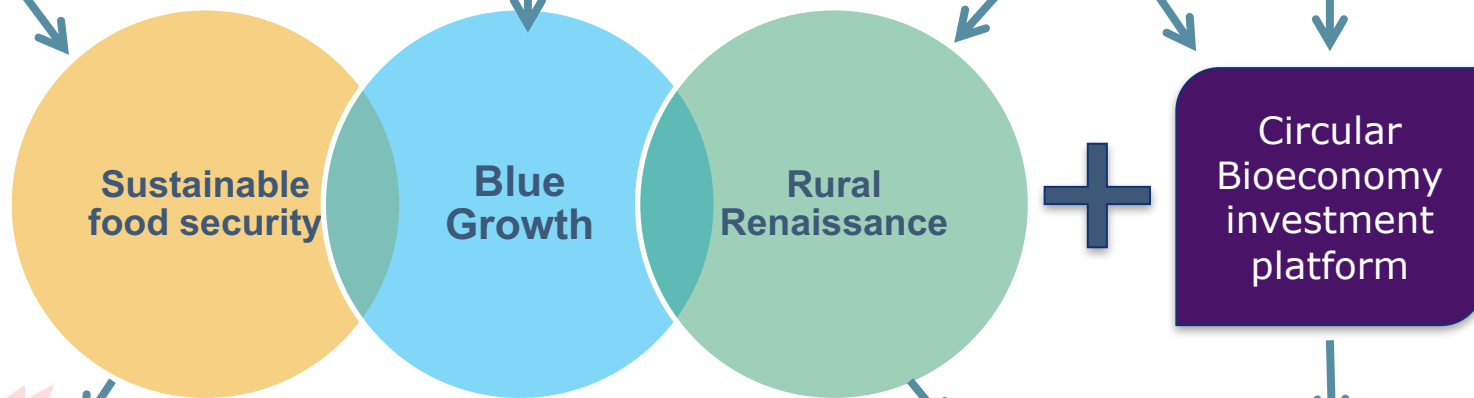
5 priorities



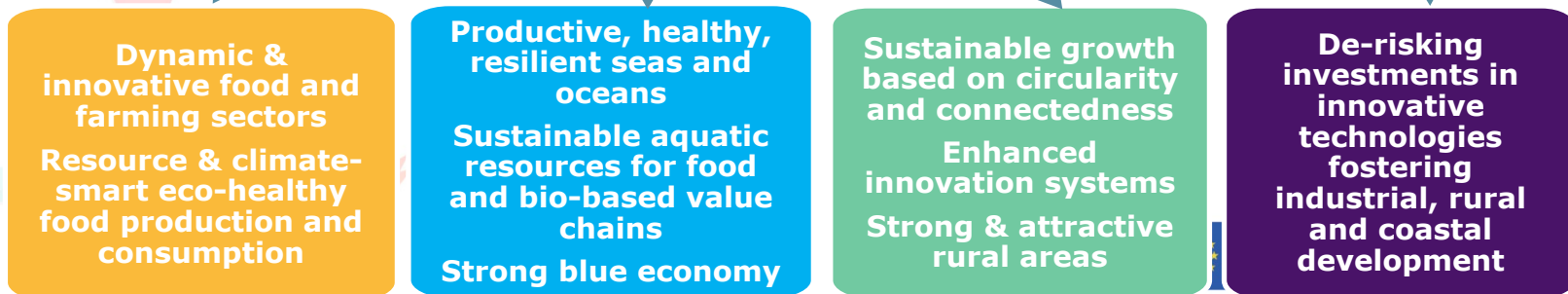
3 goals



3 calls + FI



Key impacts



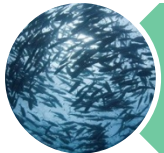
Societal challenge 2 calls

Blue Growth 2018-2019

€ 166,5 million 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

Societal challenge 2 calls

Blue Growth topics (2018-2019): examples

Climate-Ocean

- Blue Bioeconomy PPP (BG-02, 8 M€)
- The Future of Seas and Oceans Flagship Initiative (BG-07, 18 M€)

2 topics – 26 M€

Sustainable food chains

- Sustainable harvesting of marine biological resources (BG-03, 12 M€)
- Sustainable European aquaculture 4.0: nutrition and breeding (BG-04, 24 M€)

2 topics – 36 M€

De-risking Investments

- Multi-use of the marine space, offshore and near-shore: pilot demonstrators (BG-05, 18 M€)

1 topic – 18 M€

Land-Sea Connection

- Sustainable solutions for bio-based plastics on land and sea (BG-06, 18 M€)

1 topic – 18 M€

International cooperation

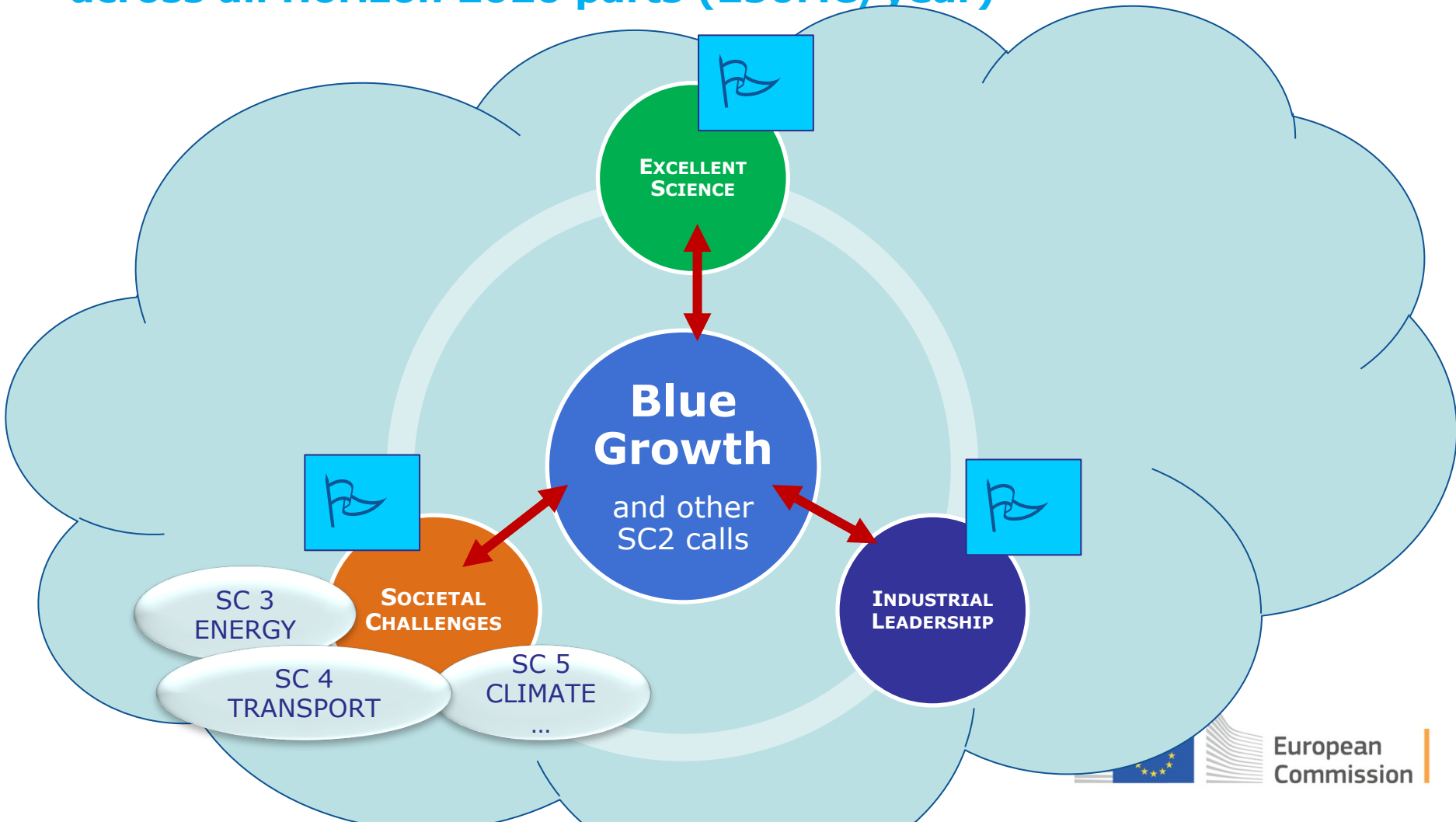
- Towards a Baltic and North Sea research and innovation programme (BG-01, 2.5 M€)
- All Atlantic Ocean Research Alliance Flagship (BG-08, 64 M€)
- Coordination of marine and maritime research and innovation in the Black Sea (BG-09, 2 M€)

3 topics – 68,5 M€

Societal challenge 2 calls

Blue Growth across Horizon 2020

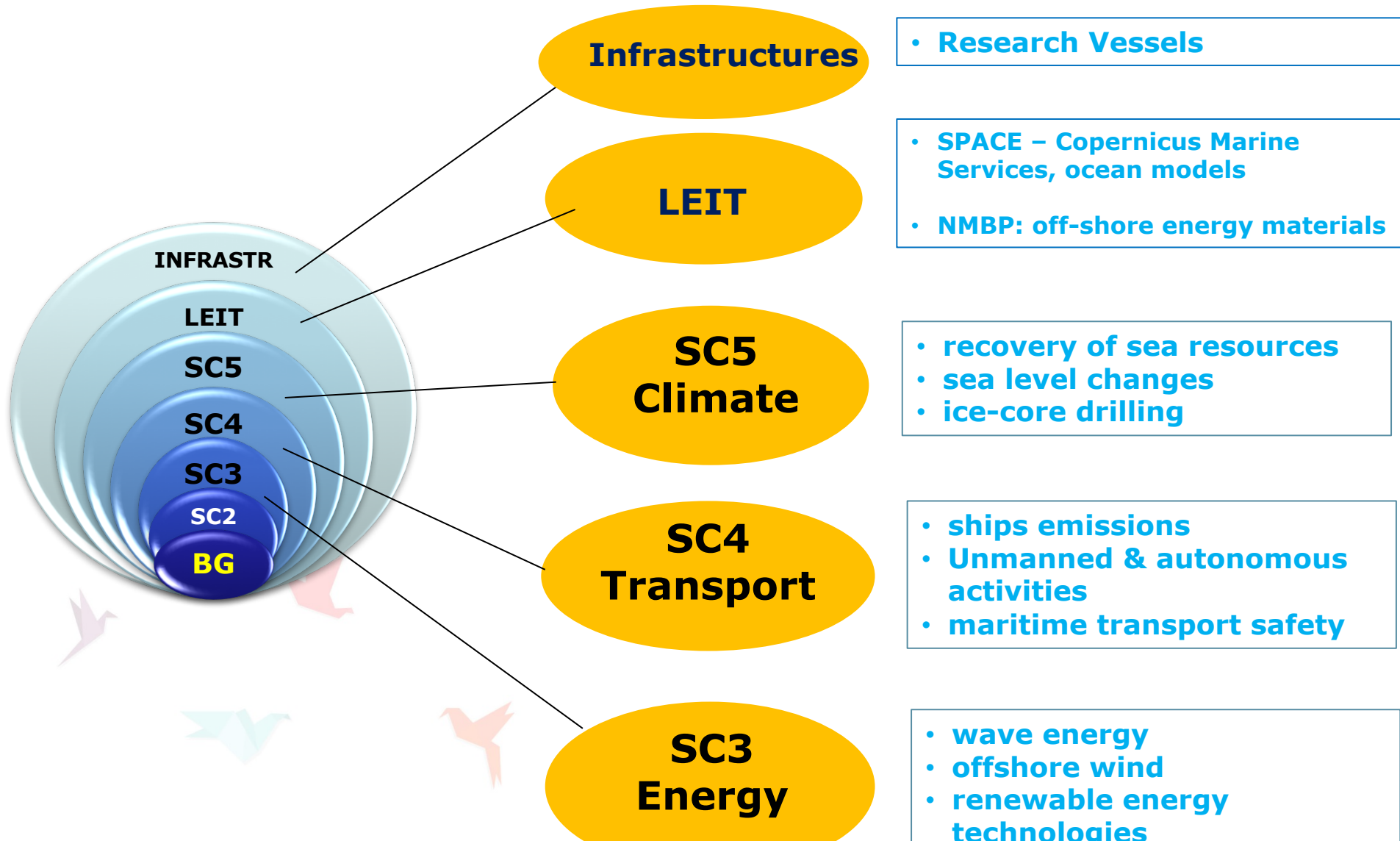
A strategic coordinated approach for marine and maritime research across all Horizon 2020 parts (250M€/year)



Societal challenge 2 calls

Blue Growth related topics beyond SC2

EXAMPLES



Call deadlines

Opening	Submission procedure	Stage	Deadline	Info to applicants	Grant Agreements
31 Oct. 2017	single stage	Single stage	13 Feb. 2018	June 2018	Oct. 2018
	2-stages	1 st stage	13 Feb. 2018	May 2018	-
		2 nd stage	11 Sept. 2018	Nov. 2018	May 2019

Public consultation on EU funds in the area of research & innovation – Deadline 8 March 2018

The European Commission just launched a series of public consultations on the priorities that should be reflected in the EU's next long-term budget.

One of the consultation's key areas covers future research and innovation, including a successor to Horizon 2020, the current EU research and innovation programme.

This is an opportunity to express support!

Give your view online by 8 March 2018 here:

https://ec.europa.eu/info/consultations/public-consultation-eu-funds-area-investment-research-innovation-smes-and-single-market_en



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.

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>