



Horizon 2020 Work Programme for Research & Innovation 2018-2020

**Societal Challenge 2 Infoday
Brussels, 4 July 2019**

**Blue Growth call
and Food and Natural Resources**

#InvestEUresearch

Room Jenkins

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

Research and
Innovation

slido

During the event, the speakers will address questions from the audience in Q&A sessions.

How to send your questions virtually:

Join at

slido.com (no account needed)

using the **#blueplanet** hashtag.

**Make sure to mention in your question which
TOPIC FOR FUNDING you are referring to.**



← → ↻ 🏠 <https://app.sli.do/event/kldoupbjg/live/questions> 📖 ☆ ⚙️ 📄 📄 ⋮

SC2 H2020 Infoday - Blue... QUESTIONS POLLS 👤

SC2 H2020 Infoday - Blue Planet
Jun 26 - Jul 4, 2019
#blueplanet

🗨️ Live interaction

⚙️ Switch event

About Slido

Ask the speaker

📄 Type your question

👤 ?

There are no questions asked yet.
Ask the first one!

Before the start of the topic presentations, after this introduction presentation, we will test the Sli.do with the audience by asking them to reply to the question:
« Which topic do you intend to apply to? »
At the end of the afternoon, we will revisit the responses to have an estimation of potential applications per topic.

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Ask

Browser address bar: <https://apps.sli.do/event/kl0upbjg/live/questions>

Page title: SC2 H2020 Infoday - Blue Planet

Navigation: QUESTIONS | POLLS

Event details: SC2 H2020 Infoday - Blue Planet
Jun 26 - Jul 4, 2019
#blueplanet

Actions: Live interaction, Switch event, About Slido

Form: Ask the speaker
Type your question

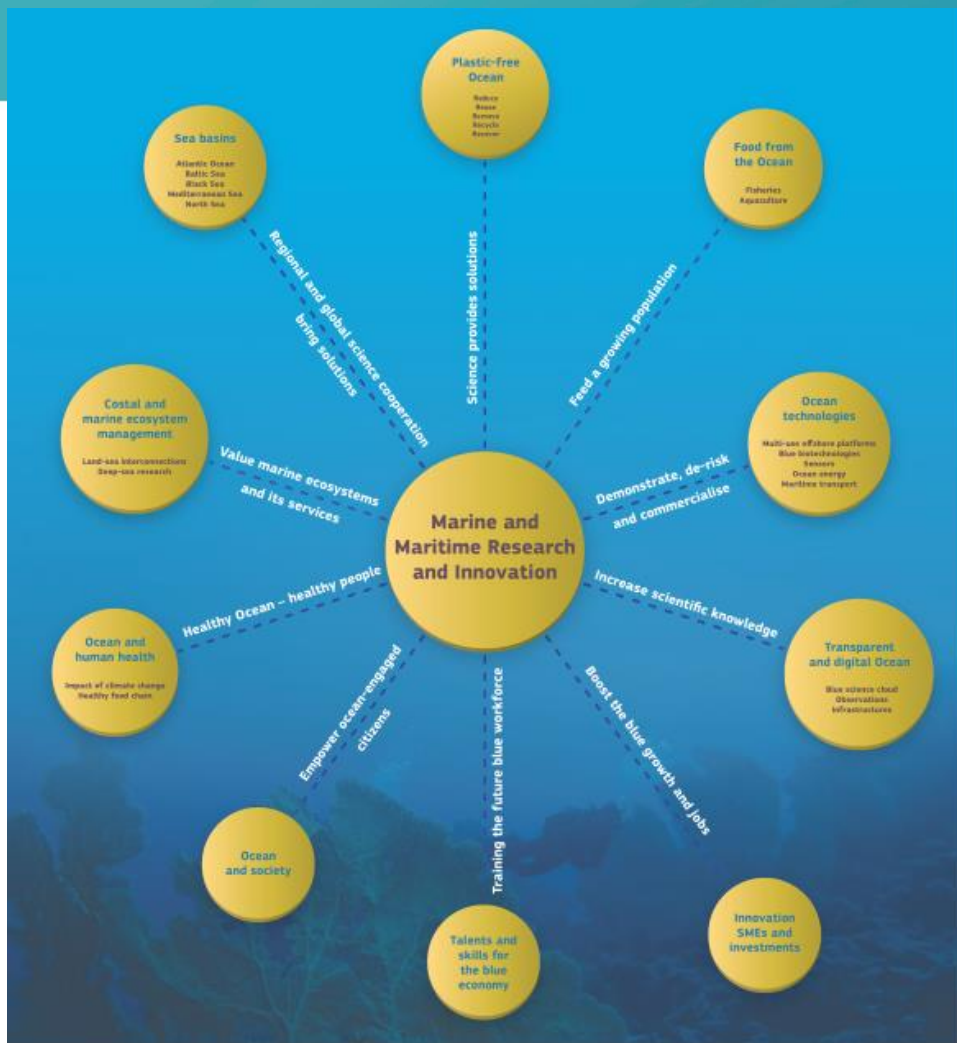
Status: There are no questions asked yet.
Ask the first one!

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slido logo

Ask button

During the Q&A session after each topic presentation, the questions from the online audience will be shown on the screen.



Unlocking, demonstrating and harvesting our Ocean

EU Research & Innovation Framework Programme Horizon 2020: investments into marine and maritime projects

LEGAL BASE

2.3

Unlocking the potential of aquatic living resources



2.3.1

Fisheries

2.3.2

Aquaculture

2.3.3

**Blue Innovation
& Biotechnology**

2.5

Cross-cutting marine and maritime research



2.5.2

**Marine
Resources**

2.5.1

Climate

2.5.3

Technologies



BLUE GROWTH 2018-2020

POLICY DRIVES

EU

INTEGRATED MARITIME POLICY, COMMON FISHERIES POLICY,
BLUE GROWTH AGENDA & SEA BASINS STRATEGIES
MARINE STRATEGY FRAMEWORK DIRECTIVE
MARITIME SPATIAL PLANNING
BLUE ENERGY, BLUE TOURISM, BLUE INNOVATION,
INTERNATIONAL OCEAN GOVERNANCE ...

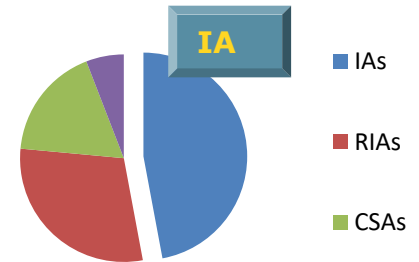
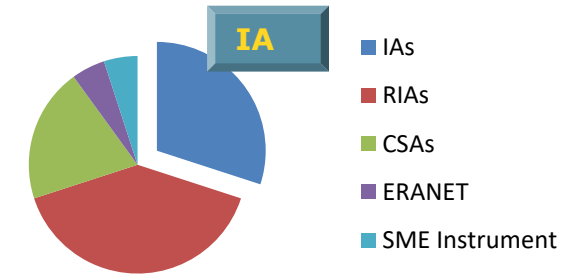
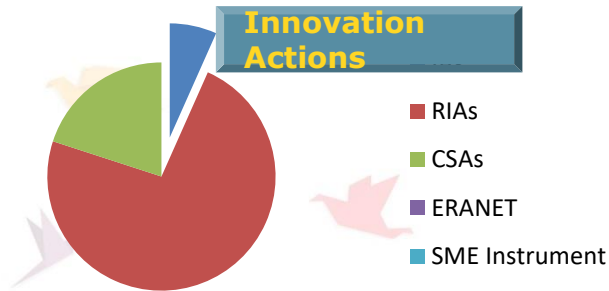
INTERNATIONAL



COP24 · KATOWICE 2018
UNITED NATIONS CLIMATE CHANGE CONFERENCE



Blue Growth calls Evolution



↑ INNOVATION

Societal challenge 2 calls

Blue Growth topics (2020):

Climate-Ocean

- The Future of Seas and Oceans Flagship Initiative (BG-07, 18 M€)

1 topic – 18 M€

Sustainable food chains

- Fisheries in full ecosystem context (BG-10, 16 M€)

1 topic – 16M€

De-risking Investments

Land-Sea Connection

- See FNR topic FNR-09

1 topic – 13,2 M€

International cooperation

- Towards a productive, healthy, resilient, sustainable and high-valued Black Sea (BG-11, 18 M€)

1 topic – 18 M€

Type of actions :
RIA, IA (lump-sum)

+ 2 Food and Natural Resources (FNR) topics (2020)

Topics introduction for Blue Growth (BG) & Food and Natural Resources (FNR)

- **3 BG topics and 2 FNR topics**

4 topics entirely dedicated to Blue Growth:

- BG-07-2019-2020: The Future of Seas and Oceans Flagship Initiative – C) **Technologies for observation**

- BG-10-2020: **Fisheries in the full ecosystem context**

- BG-11-2020: Towards a **productive, healthy, resilient, sustainable and highly-valued Black Sea**

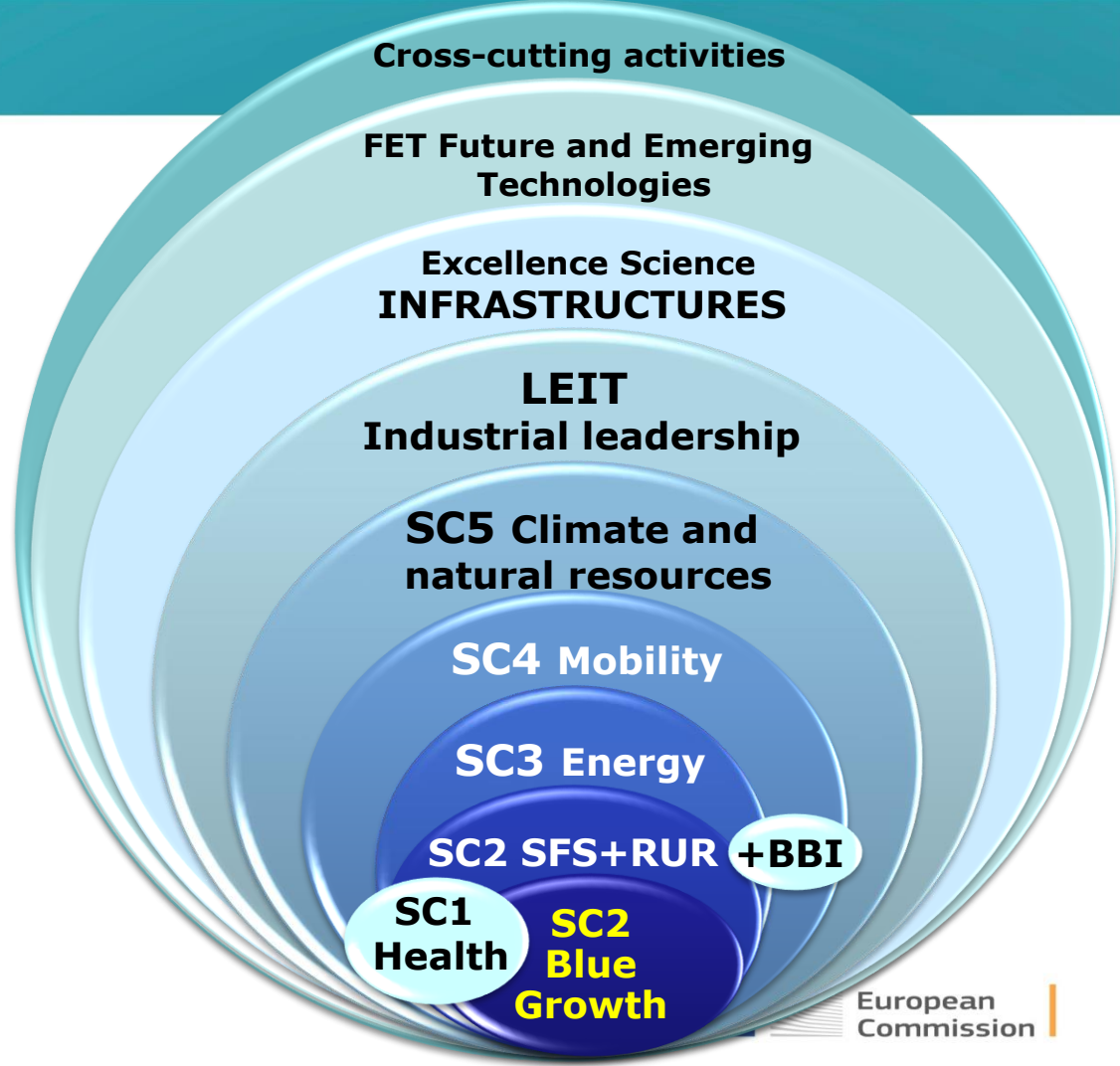
- FNR-09-2020: Pilot action for the **removal of marine plastics and litter**

Partly dedicated to Blue Growth:

- FNR-11-2020 (presented at 14:20 in Room Mansholt)

BLUE GROWTH +

- 45 topics throughout the WP2020 are flagged for Blue Growth in the EU Funding & Tender Portal
 - 4 SC2 topics entirely dedicated to Blue Growth
 - 41 topics may attract proposals or consortium participants of marine/maritime/aquatic nature
 - Big calls like FETOPEN-01-2018-2019-2020 (FET-Open Challenging Current Thinking), and some others may attract proposals as well but are not flagged for Blue Growth to avoid bias



A Work Programme topic is flagged for Blue Growth whenever:

- It contains a marine/maritime/aquatic keyword: sea(s), ocean(s), oceanic, coast (s), land-sea, waterborne, fisheries, aquaculture, offshore, mariculture, etc.
- It may attract proposals of marine/maritime/aquatic nature that contribute to food, climate energy or waste management.
- It contributes to the implementation of international cooperation policies and strategies with third country partners (incl. the UN SDGs) with key marine component.
- It contributes to the implementation of sea basin policies and strategies with a key marine/aquatic component.

Blue Growth

Match whole word only

GRANTS TENDERS

Filter by submission status

FORTHCOMING OPEN CLOSED

Filter by programme (only for grants)

H2020

Filter by programme part

Select a Programme part...

Filter by focus area

Select a Focus area...

Filter by cross-cutting priority

Blue Growth

Filter by call

Select a Call...

Funding and tenders

Sort by: opening date title ID deadline

1 results

Download all funding and tender opportunities to your calendar or subscribe to the RSS feed (unfiltered).

See all calls for tenders published by EC

Grant Produce components for various materials, including for food and feed, from microalgae BBI-2019-S01-D2

Types of action: Bio-based Industries Innovation action - Demonstration | Programme: Horizon 2020

Open for submission Opening date: 04 April 2019 Deadline model: single-stage Deadline date: 04 September 2019 17:00:00 Brussels time

To find Blue Growth related calls:

- Search on Keyword Blue Growth or
- Select programme H2020 and filter on Blue Growth

Societal Challenges: SC1 Health, demographic change and wellbeing + SC2 SFS and FNR

Topic number	Topic title	Type of action
SC1 Call Better Health and care, economic growth and sustainable health systems		
Decoding the role of the environment, including climate change, for health and wellbeing		
SC1-BHC-36-2020	Micro- and nano-plastics in our environment: Understanding exposures and impacts on human health	RIA
Topic number	Topic title	Type of action
SC2 Call Sustainable Food Security		
SFS-10-2020	Epidemiology of non-regulated contagious animal diseases: from integrated data collection to prioritisation	RIA
SC2 Call Rural Renaissance		
CE-RUR-08-2018-2019-2020	Closing nutrient cycles	IA + RIA
SC2 Call Food and Natural Resources		
FNR-07-2020	FOOD 2030 - Empowering cities as agents of food system transformation	IA
FNR-08-2020	Supporting the food safety systems of the future	CSA



Societal Challenges: SC3 Secure, clean and efficient energy

Topic number	Topic title	Type of action
SC3 Call Building a low-carbon, climate resilient future: secure, clean and efficient energy		
Next Renewable energy solutions		
LC-SC3-RES-1-2019-2020	Developing the next generation of renewable energy technologies	RIA
Reduce costs of key technologies for renewable energy conversion		
LC-SC3-RES-31-2020	Offshore wind basic science and balance of plant	RIA
LC-SC3-RES-32-2020	New test rig devices for accelerating ocean energy technology development	RIA
Provide flexibility to the energy system		
LC-SC3-RES-19-2020	Demonstration of innovative technologies for floating wind farms	IA
Upscaling renewable fuels production		
LC-SC3-RES-26-2020	Development of next generation renewable fuel technologies from CO2 and renewable energy (Power and Energy to Renewable Fuels)	RIA
LC-SC3-RES-28-2018-2019-2020	Market Uptake support	CSA
Smart citizen-centred energy system		
LC-SC3-ES-4-2018-2019-2020	Decarbonising energy systems of geographical Islands	IA

Societal Challenges: SC4 Smart, green and integrated transport

Topic number	Topic title	Type of action
SC4 Call Mobility for Growth		
1. Building a low carbon climate resilient future: low-carbon and sustainable transport		
LC-MG-1-13-2020	Decarbonising long distance shipping	RIA
LC-MG-1-14-2020	Understanding and mitigating the effects on public health of emerging non-regulated nanoparticle emissions issues and noise	RIA
2. SAFE, INTEGRATED AND RESILIENT TRANSPORT SYSTEMS		
MG-2-10-2020	Enhancing coordination between Member States' actions in the area of infrastructure research with a particular focus on biodiversity and ameliorating environmental impacts and full automated infrastructure upgrade and maintenance	CSA + RIA
3. GLOBAL LEADERSHIP AND COMPETITIVENESS		
MG-3-07-2020	Improved Production Processes in Shipyards	IA
4. ACCOUNTING FOR THE PEOPLE		
MG-4-10-2020	Improving impact and broadening stakeholder engagement in support of transport research and innovation	CSA
BLUE GROWTH		
MG-BG-03-2020	Under water noise mitigation and environmental impact	RIA

Societal Challenges:

SC5 Climate action, environment, resource efficiency and raw materials

Topic number	Topic title	Type of action
SC5 Call Building a low-carbon, climate resilient future: climate action in support of the Paris Agreement		
Climate adaptation, impacts, and services		
LC-CLA-12-2020	Advancing climate services	RIA
LC-CLA-13-2020	Climate Resilience of European coastal cities and settlements	RIA
The Cryosphere		
LC-CLA-17-2020	Polar climate: understanding the polar processes in a global context in the Arctic and Antarctic Regions	RIA
LC-CLA-21-2020	Coordination of European Polar research	CSA
Earth Observation		
LC-CLA-19-2020	Integrated GEOSS climate applications to support adaptation and mitigation measures of the Paris Agreement	RIA
LC-CLA-20-2020	Supporting the implementation of GEOSS in the Arctic in collaboration with Copernicus	RIA



Societal Challenges:

SC5 Climate action, environment, resource efficiency and raw materials

Topic number	Topic title	Type of action
SC5 Call Greening the economy in line with the Sustainable Development Goals (SDGs)		
Connecting economic and environmental gains - the circular economy		
CE-SC5-29-2020	A common European framework to harmonise procedures for plastics pollution monitoring and assessments	CSA
CE-SC5-30-2020	Plastics in the environment: understanding the sources, transport and distribution of plastics pollution	RIA
Protecting and leveraging the value of our natural and cultural assets: Nature-based solutions, disaster risk reduction and natural capital accounting		
CE-SC5-33-2020	Monitoring ecosystems through research, innovation and technology	CSA
Specific support and implementation aspects		
CE-SC5-34-2020	ERA-NET Cofund action on conservation and restoration of degraded ecosystems and their biodiversity, including a focus on aquatic systems	ERA-NET



**Industrial leadership
LEIT****NMBP** - Nanotechnologies, Advanced Materials, Biotechnology
and Advanced Manufacturing and Processing
SPACE - Leadership in Enabling & Industrial Technologies - Space

Topic number	Topic title	Type of action
LEIT-NMBP	Call TRANSFORMING EUROPEAN INDUSTRY 2.2 Biotechnology	
CE-BIOTEC-09-2020	Upcycling Bio Plastics of food and drinks packaging	RIA
LEIT-NMBP	Call INDUSTRIAL SUSTAINABILITY: 3.3 Clean Energy through Innovative Materials	
LC-NMBP-31-2020	Materials for off shore energy	IA
LEIT-SPACE	Call Space 2018-2020: Earth observation + Artificial Intelligence and Space	
DT- SPACE-01-EO-2018-2020	Copernicus market uptake	IA
LC- SPACE-18-EO-2020	Copernicus evolution – Research activities in support of the evolution of the Copernicus services	RIA
LC- SPACE-19-EO-2020	Copernicus evolution: new concept for an innovative and holistic solution for Sentinels calibration & validation	CSA
LC- SPACE-24-EO-2020	Copernicus evolution - Mission exploitation concept for WATER	CSA
DT- SPACE-25-EO-2020	Big data technologies and AI for Copernicus	RIA

Excellent Science: European research infrastructures + FET Future and Emerging Technologies

Topic number	Topic title	Type of action
Work Programme Part Excellence Science	European research infrastructures Call Development and long-term sustainability of new pan-European research infrastructures	
INFRADEV-01-2019-2020	Design Studies	RIA
	Call Integrating and opening research infrastructures of European interest	
INFRAIA-02-2020	Integrating Activities for Starting Communities	RIA
Work Programme Part FET	Future and Emerging Technologies Call - FET Open – Novel ideas for radically new technologies	
FETOPEN-01-2018-2019-2020	FET-Open Challenging Current Thinking	RIA
	Call - FET Proactive – Boosting emerging technologies	
FETPROACT-EIC-08-2020	Environmental Intelligence (part of the European Innovation Council (EIC) Enhanced Pilot (Horizon 2020, 2019-2020))	RIA
WP Part CROSS-CUTTING ACTIVITIES 2018-2020	Building a Low-Carbon, Climate Resilient Future: Next-Generation Batteries	
LC-BAT-11-2020	Reducing the cost of large batteries for waterborne transport	RIA

Team (name in bold = present at Info Day)

- **REA B2 SC2 Info Day coordinator Astrid Guiffart**
- **RTD C4 Unit Healthy Oceans and Seas**
 - HoU **Sigi Gruber** & DHoU **Jyrki Suominen**
 - Policy Officers **Ivan Conesa Alcolea, Marco Weydert, Nicolas Segebarth, Nikos Zampoukas, Ana Teresa Caetano, Marta Iglesias, Maria Fernandez Gutierrez, Miguel Lizaso**
 - WP2020 coordinator C4 **Wendy Bonne**
 - Laura McDonagh & Tunde Ingemansson (communication material)
 - **Larisa Lorinczi** for support
- **RTD Common Implementation Centre/Common Service for Business Processes**
 - **María Alfayate**
- **RTD C5**
 - **Claudia Pecoraro** (communication)

Thank you!

Webstream

At <https://webcast.ec.europa.eu/>

find "INFO DAY HORIZON 2020 SOCIETAL CHALLENGE 2 CALLS FOR PROPOSALS 2020-JENK"
to go to

<https://webcast.ec.europa.eu/info-day-horizon-2020-societal-challenge-2-calls-for-proposals-2020-04-06-19-jenk>



using the  (no account needed) hashtag.

Question: « Which topic do you intend to apply to? »

Possible responses:

- **Marine plastics removal**
- **Ocean observation**
- **Fisheries**
- **Black Sea**



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Horizon 2020 Work Programme for Research & Innovation 2018-2020

**Societal Challenge 2 Infoday
Brussels, 4 July 2019**

**FNR-09-2020: Pilot action for the
removal of marine plastics and litter**

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

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Topic introduction

- **Background for the development of the topic**

- Estimated 8 million tons of plastics enter our ocean, on top of 150 million tons already circulating in marine environments, and being main source of microplastics,
- Can persist over dozens of years and even geological timescales
- Lot of evidences of impact on marine life by entanglement or ingestion (entering the food chain) consequently impacting biodiversity, food web and ecosystem functioning
- Affect fisheries, aquaculture, tourism, recreational, heritage, human wellbeing
- Significant grounds for concern for chemical compounds adsorbed or additives
- An annual cost of between \$3300 and \$33,000 in terms of reduced marine natural capital



Image © Andrei Ciobanu on Unsplash

Topic introduction



©H. Glader, 2016



- **Requirements and impacts to keep in mind**

- Demonstration of technologies, approaches & methodologies to clean the seafloor and the surface and possibly the water column of nearshore waters, plastics & other accumulated marine litter – and the recycling/reuse/treatment
- Address impacts on coastal ecosystems' food chains, biodiversity and ecosystems functioning, fisheries, aquaculture, Marine Protected Areas, wild life and local economies
- Foundations for upscaling with potentially automated removal of marine litter, in particular at hot-spots (of accumulations and/or of important ecosystem function – feeding, reproduction areas...)
- Removal of 90% of macro-plastic litter and a substantial fraction of micro-litter in the demonstration areas reducing the clean-up cost to the local blue economy

Topic introduction

- **Cross-cutting issues**

- Contribute to awareness rising of citizens about the importance of prevention to avoid environmental damage and high costs (for the community and the tax payer instead of the polluter). Citizen Science, Ocean literacy, education, outreach
- Improve the professional skills and competences of those working and being trained to work within the blue economy
- Increase scientific knowledge, develop research capacity and transfer marine technology, taking into account the Intergovernmental Oceanographic Commission Criteria and Guidelines on the Transfer of Marine Technology, in order to improve ocean health (UN SDG 14)
- Increase data sharing and increase integration of data



Useful resources

- **Policy background documents**

EU Integrated Maritime Policy, EU Marine Strategy Framework Directive, EU Maritime Spatial Planning Directive, EU Communication for a Sustainable European Future, EU Biodiversity Strategy, the European Strategy for Plastics in a Circular Economy, UN SDG 14

- **Key definitions**

Microplastics: (0.1 μm –5 mm) / Plastics (Macroplastics): 5 mm – ~1 m for this topic)

- **Links**

http://ec.europa.eu/environment/circular-economy/index_en.htm

http://ec.europa.eu/environment/marine/good-environmental-status/descriptor-10/index_en.htm



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Horizon 2020 Work Programme for Research & Innovation 2018-2020

**Societal Challenge 2 Infoday
Brussels, 4 July 2019**

**BG-07-2019-2020: The Future of
Seas and Oceans Flagship Initiative:
Technologies for observations**

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

Research and
Innovation

BG-07-2019-2020: [C] Technologies for observations The Future of Seas and Oceans Flagship Initiative

Preserving valuable resources and ensuring sustainable exploitation

Contributing to the ongoing implementation of EU and International Policies such as:

- Bioeconomy, Circular Economy, Blue Growth and Plastic Strategies
- EU Marine Strategy Framework & Maritime Spatial Planning Directives
- Common Fisheries Policy
- UN SDGs & Decade of Ocean Science for Sustainable Development
- G7 Future of the Seas and Oceans initiative
- International Ocean Governance
- the European Open Science Cloud Initiative



[A] 2019 - Blue Cloud services

[B] 2019 - Observations and forecasting

[C] 2020 - Technologies for observations

New and innovative technologies to measure (TRL 6, 7 or 8)

- i. measure Essential Ocean Variables (EOV) at all depths,
- ii. measure variables for aquaculture, fisheries, micro and nanoplastics,
- iii. novel approaches (underwater, surface, air) to observe the ocean - digital ocean

Advance deep sea (biological) oceanography,

Standards, protocols, communication needs

→ Realising the Digital Ocean

Requirements to keep in mind

- Complement and build on existing observation tools and systems such as EuroGOOS/EOOS, IOOS, GEO/GEOSS, COPERNICUS Marine Service or EMODnet, European research infrastructures such as Euro-Argo ERIC and EMSO ERIC as well as funded H2020 projects
- Training activities improving the professional skills and competencies of workers and supporting the creation of new jobs in the blue economy

Instrument: Innovation Action (lump sum funding pilot scheme) – 9 M€

Policy background documents

- Commission Communications, EU Directives and guidelines
- G7 Tsukuba Communiqué and annexes



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Horizon 2020 Work Programme for Research & Innovation 2018-2020

Societal Challenge 2 Infoday
Brussels, 4 July 2019

“Lump sum pilots: What do I have to know?”

María Alfayate
European Commission, DG RTD – Common Implementation Centre
Common Service for Business Processes

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

Research and
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Breakdown of contents

Part I: The Lump sum pilot

- Why?
- How? – 2 Options
- Principles

Part II: The Lump sum pilot Model Grant Agreement

Part III: Conclusions

I. Lump sum: Why?

- Significant simplification potential:
 - Despite all simplification, funding based on reimbursement of incurred costs stays complex and error-prone
 - Lump sum project funding removes all obligations on actual cost reporting and financial ex-post audits – i.e. a major reduction of administrative burden
- Focus on performance:
 - Shift from focus on financial management and checking costs to focus on scientific-technical content of the projects

I. Lump sum pilot: Two options

Amount of the lump sum

Fixed in the
Call

Per project
based on the
budget

I. Lump sum: Two options

➤ **Option 1**

- Fixed lump sum per project defined in call for proposals
- Proposals describe the efforts and resources applicants commit to mobilise for this amount.
- Applicants must provide proposed split of the lump sum per work package and per beneficiary.
- The evaluation – and competition between proposals – ensure that adequate resources are committed

➤ **Option 2**

- Proposals provide a detailed estimation of costs
- Experts assess cost details during evaluation and make recommendations (panel will include expert/s with financial expertise).
- Based on this, the lump sum is fixed during grant preparation

I. Lump sum: Two options

How is the lump sum fixed in both options?

➤ **For Option 1:**

- A specific methodology has been developed to fix the amount defined in your call for proposals
- You will find the link from your topic description section Funding and Tenders Portal

➤ **For Option 2:**

- A methodology has been developed explaining the method to determine the amount of the lump sum of your proposal
- You will find the link from your topic description at the Funding and Tenders Portal
- Following the evaluation, the lump sum is fixed during grant preparation

I. Lump sum: Principles

- **Lump sum evaluation and grant agreement follow standard** approach as much as possible:
 - Same evaluation criteria
 - Same pre-financing and payment scheme
 - Reporting periods and technical reporting as today, though focusing on completion of work packages
- **One lump sum share is fixed in the grant agreement for each work package**
 - This amount is paid when the activities in the work package are completed. As today, payment does not depend on a successful outcome, but on the completion of activities

II . Lump sum MGA



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Horizon 2020 Work Programme for Research & Innovation 2018-2020

Model Grant Agreement

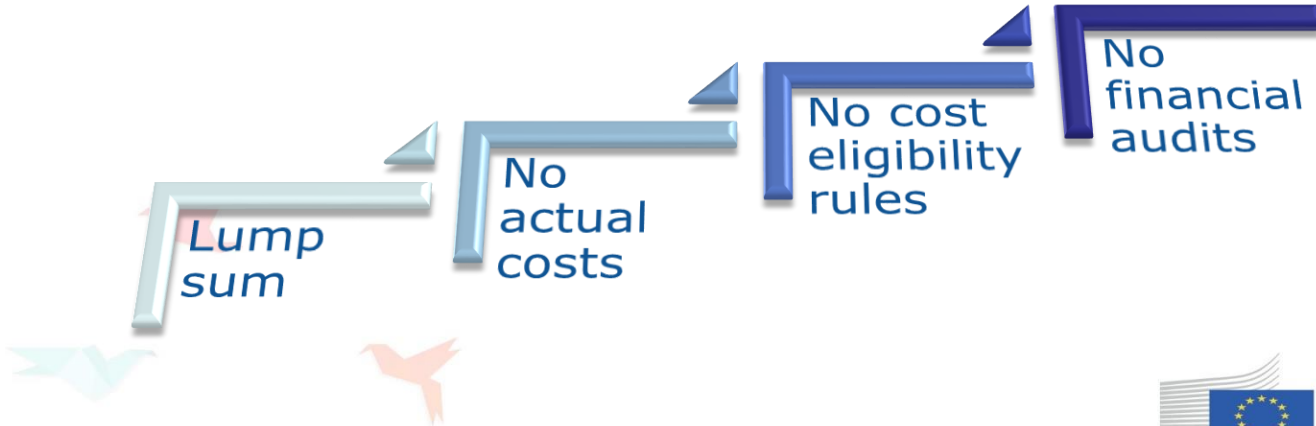
LUMP SUM PILOT

Horizon
2020

II. Lump sum grant: introduction

The grant agreement will set out the lump sum (EU funding) corresponding to the full accomplishment of the work committed in Annex 1.

The lump sum for the grant is set out at its signature, the costs actually incurred are not relevant.



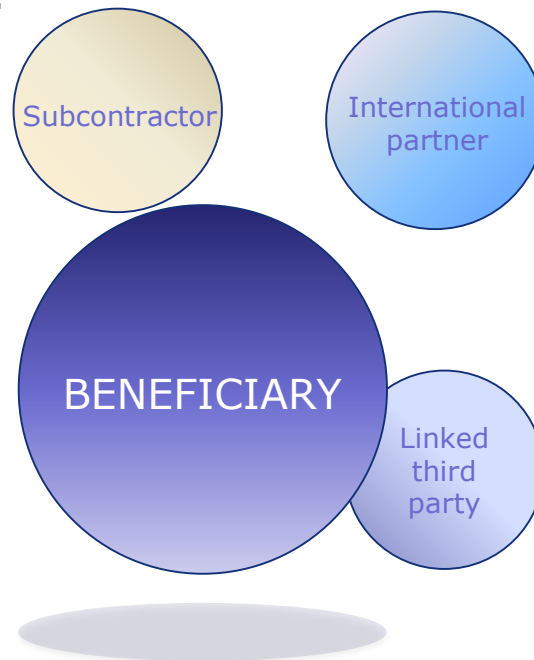
II. Lump sum grant: introduction (ii)

Costs actually incurred are not relevant.

Who does the work still is !

As in the General MGA:

- Linked third parties and international partners must be named in the grant agreement
- Annex 1 must detail the tasks to be:
 - ✓ Attributed to each linked third party
 - ✓ Attributed to each international partner
 - ✓ Subcontracted



II. Lump sum grant: budget allocation

Annex 2

Lump sum = Maximum grant amount

Max. liability of the beneficiary after payment of
balance

	WP1	WP2	WP3	WP4	WP5	WP6	WP7	WP8	Total
Beneficiary A	250.000			50.000	300.000	250.000		300.000	1.150.000
Beneficiary B		250.000	350.000	50.000			100.000	150.000	900.000
Beneficiary C	100.000	100.000		50.000		280.000			530.000
Beneficiary D		120.000		50.000			100.000	150.000	420.000
Total	350.000	470.000	350.000	200.000	300.000	530.000	200.000	600.000	3.000.000

Share of the lump sum per WP

II. Lump sum grant: how many work packages?

As many as needed but no more than what is manageable

'Work package means a major sub-division of the proposed project.'

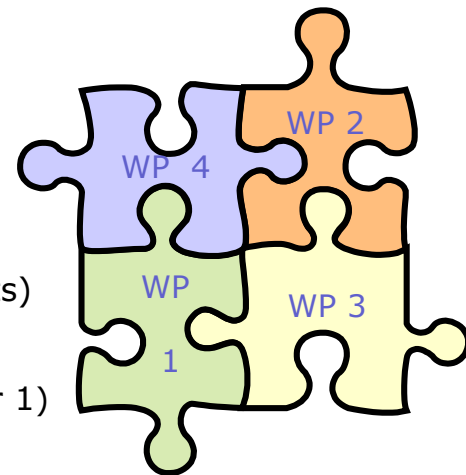
Horizon 2020 Proposal template

Therefore:

- ✗ A single activity is not a WP
- ✗ A single task is not a WP
- ✗ A % of progress of work is not a WP
- ✗ A lapse of time is generally not a WP

(e.g. 50 % of the tests)

(e.g. activities of year 1)



Horizontal work packages (e.g.: Management, Dissemination and Exploitation, etc.) may be approached differently

II. Lump sum grant: budget transfers



All budget transfers require an amendment

	WP1	WP2	WP3	WP4	WP5	WP6	WP7	WP8	Total
Beneficiary A	250.000			50.000	300.000	250.000		300.000	1.150.000
Beneficiary B		250.000	350.000	50.000			100.000	150.000	900.000
Beneficiary C	100.000	100.000		50.000		280.000			530.000
Beneficiary D		120.000		50.000			100.000	150.000	420.000
Total	350.000	470.000	350.000	200.000	300.000	530.000	200.000	600.000	3.000.000

Diagram annotations: A red curved arrow points from WP2 to WP3. A red curved arrow points from WP5 to WP6. A yellow curved arrow points from WP5 to WP6. A blue curved arrow points from WP5 to WP6.

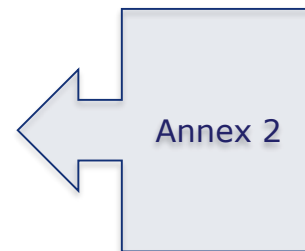
Transfer amounts between Work Packages only acceptable if:

- Work Packages not already completed (and declared)
- Justified by the technical and scientific implementation of the action
- A review confirms that it does not call into question the decision awarding the grant or breach the principle of equal treatment

II. Lump sum grant: interim payment

Sum of the shares of the lump sum allocated to Work Packages fully completed in the reporting period

	WP1	WP2	WP3	WP4	WP5
Beneficiary A	250.000			50.000	300.000
Beneficiary B		250.000	350.000	50.000	
Beneficiary C	100.000	100.000		50.000	
Beneficiary D		120.000		50.000	
Total	350.000	470.000	350.000	200.000	300.000



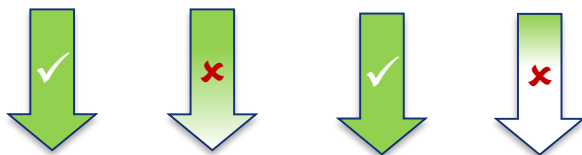
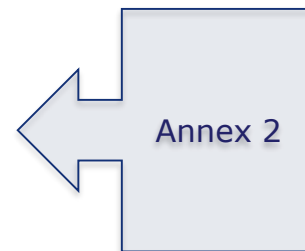
	WP1	WP2	WP3	WP4	WP5
Beneficiary A	Completed			Initiated	Initiated
Beneficiary B		Completed	Completed	Not initiated	
Beneficiary C	Completed	Not initiated		Not initiated	
Beneficiary D		Completed		Completed	



II. Lump sum grant: interim payment

Sum of the share of the lump sum allocated to Work Packages fully completed in the reporting period

	WP1	WP2	WP3	WP4	WP5
Beneficiary A	250.000			50.000	300.000
Beneficiary B		250.000	350.000	50.000	
Beneficiary C	100.000	100.000		50.000	
Beneficiary D		120.000		50.000	
Total	350.000	470.000	350.000	200.000	300.000



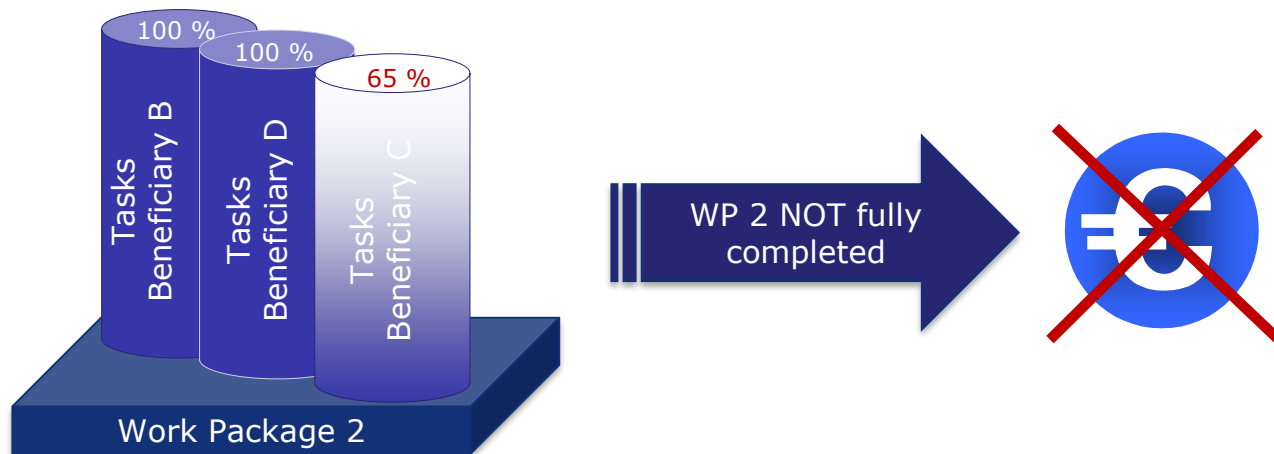
$$\text{Payment} = 350\,000 + 0 + 350\,000 + 0 = 700\,000 \text{ €}$$



Limited to 90 % of the total grant

Lump sum grant: interim financial reporting

Each beneficiary declares its share of the lump sum allocated to Work Packages **fully** completed in the reporting period



II. Lump sum grant: types of payments



Pre-financing payment

- Same functioning that in the general MGA
- Coordinator distributes the amount according to consortium agreement



Interim payment(s)

- One or more
- Pay the shares of the lump sum set out in Annex 2 for the WPs completed & approved in the reporting period



Payment of the balance

- Closes the financial aspects of the grant
- Uncompleted WPs will (generally) NOT be paid
- Releases the guarantee fund

II. Lump sum grant: ex-post controls

Checks, reviews and audits for:



Proper implementation of the action (e.g. technical audit)



Compliance with the other obligations of the grant:



IPR obligations

Obligations related to third parties (e.g. financial support)

Other obligations (e.g. ethics, visibility of EU funding, etc.)



Bye, bye, financial audits
by the Commission

II. Lump sum grant: ex-post controls

They **need**



- Technical documents
- Publications, prototypes, deliverables
- Who did what?
- ...any document proving that the work was done as detailed in Annex 1



Already the case under the general MGA

They **don't need**



- Time-sheets
- Pay-slips or contracts
- Depreciation policy
- Travel invoices
- ...actual costs

II. Lump sum grant: useful links

The **lump sum pilot Model Grant Agreement** and the Annotated Model Grant Agreement are available on the dedicated sections of the Funding and Tenders Portal.

- H2020 Model Grant Agreement Lump Sum Pilot – Multi:
http://ec.europa.eu/research/participants/data/ref/h2020/mga/lumpsum/h2020-mga-lumpsum-pilot-multi_en.pdf
- Annotated Model Grant Agreement (Lump Sum Pilot MGA from p. 809):
http://ec.europa.eu/research/participants/data/ref/h2020/grants_manual/amga/h2020-amga_en.pdf

II. Lump sum grant: useful links (II)

Proposal templates:

- The Lump sum pilot proposal templates are very similar to the standard proposal templates
- For Option II topics, you have to submit as well an Excel workbook with the detailed estimation of costs
- You find both of them on the your topic description section at the Funding and Tenders Portal

Frequently Asked Questions at the Funding & Tenders Portal:

- <https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/support/faq;categories=;programme=null;actions=;keyword=lump%20sum%20pilot>

III. Conclusions

What do I have to keep in mind when preparing a proposal for a Lump sum topic?

- Lump sum project funding removes all obligations on actual cost reporting and financial ex-post audits
- Lump sum is fixed in the Grant Agreement
- Lump sum share by work package and beneficiary fixed in Annex 2 of the MGA
- Payment upon completed work packages at the end of the reporting period



Keep it in mind to structure your proposal!
However, the number of WPs should be reasonable



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Thank you
for your attention!

Find out more:

<http://ec.europa.eu/programmes/horizon2020/>

Horizon
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**Societal Challenge 2 Infoday
Brussels, 4 July 2019**

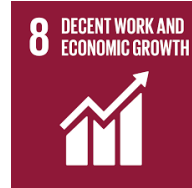
**BG-10-2020: Fisheries in the full
ecosystem context**

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

Research and
Innovation

BG-10-2020: Fisheries in the full ecosystem context

RIA indicative contribution from the EU in the range of EUR 8 million



Ecosystem-based approach

Knowledge gaps

Modelling

Other tools

Applicable by advisory bodies

Responsible research and innovation



Expected Impact:

- Improve integrated understanding of **environmental impacts** on marine ecosystem and food web structure
- Improve fisheries management
- Contribute to **regulate harvesting** and **end overfishing** and to the **conservation** of coastal and marine **ecosystems**;
- Provide improved tools for **directly applicable** ecosystem-based management
- Contribute to **align R&I** processes and their outcomes **with** the values, needs and expectations of **society**
- Contribute to a **thriving fishing sector**
- Improve **professional** skills and competences
- Contribute to **policymaking** in research, innovation and technology





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Horizon 2020 Work Programme for Research & Innovation 2018-2020

**Societal Challenge 2 Infoday
Brussels, 4 July 2019**

**BG-11-2020: Towards a productive,
healthy, resilient, sustainable and
highly-valued Black Sea**

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

Research and
Innovation

Topic introduction

4869 km
of coastline

421 638 km²
Total Area

90% of oxygen free,
H₂S-rich volume

160 million
Population of Black Sea
coasts and catchment

18 major
sea ports



10 large rivers flowing to
the sea, with a total river
input exceeding **350 km³**
year⁻¹

5
ratio of the Black Sea
catchment area to the
sea's area

Deep Black Sea as
the paleoclimate
archive of past
5 million years

Rich in **energy sources**
such as wave, currents,
offshore wind, H₂S, gas
hydrates

30 to 8
Reduction in the number
of fish species with
economical significance



BG-11-2020 – to address research challenges of the shared vision for a productive, healthy, resilient, sustainable and highly-valued Black Sea by 2030

Common surveys and monitoring can provide a base for better assessment, management and prevention

Supporting several policies and international agreements such as:

- EU Integrated Maritime Policy (IMP),
- EU Marine Strategy Framework Directive (MSFD),
- EU Common Fisheries Policy (CFP),
- EU Neighbourhood Policy,
- Bucharest Convention

STRATEGIC RESEARCH AND INNOVATION AGENDA OF THE BLACK SEA

WHAT IS THE SRIA?

- A reference framework
- Programmatic tool



KEY OUTPUTS OF SRIA

- National level priorities identified
- Development of national Blue Growth agendas
- Science-based and well-informed decision-making
- Supporting the development of the Common Maritime Agenda



ADDRESSES ALL ECONOMIC ACTIVITIES

- Established sectors such as shipping, shipbuilding, fisheries, traditional sun-sea tourism
- Emerging new sectors such as blue bioeconomy/biotechnology, ocean energy, offshore wind energy, coastal and environmental protection

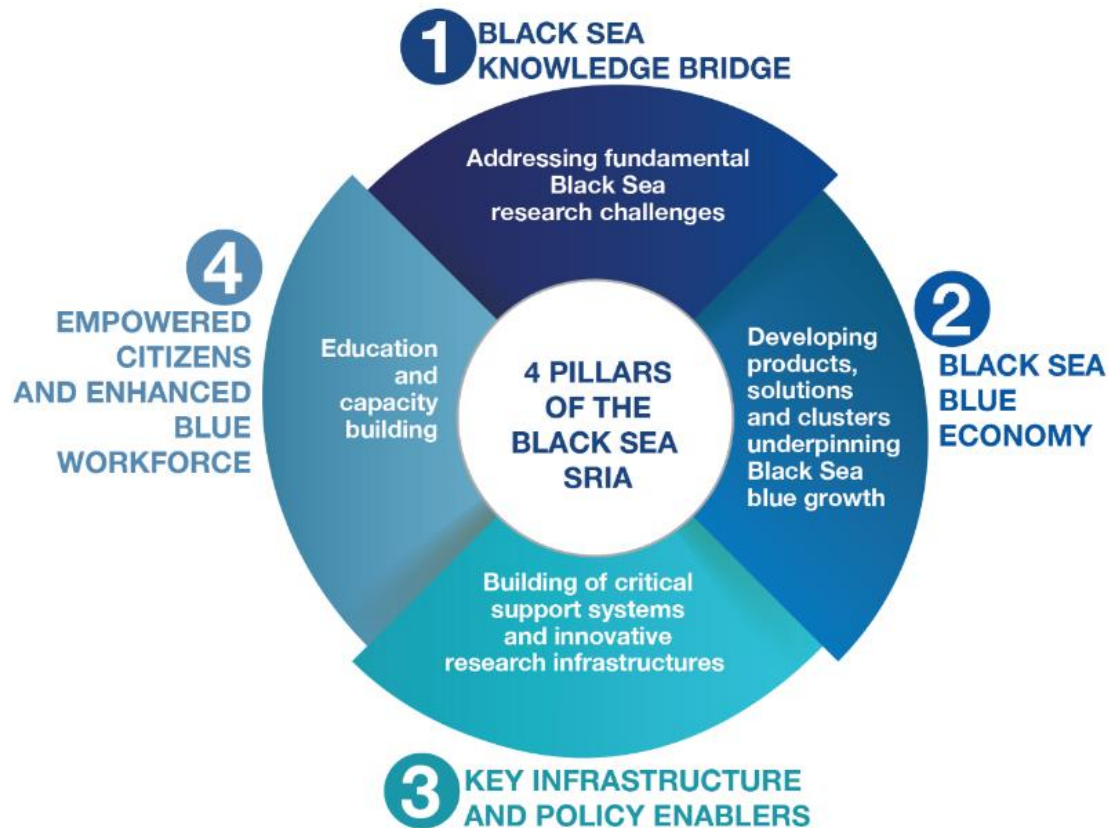


SRIA WILL GUIDE STAKEHOLDERS

- Academia
- Funding agencies
- Industry
- Policy
- Society



FOUR MAIN PILLARS OF THE BLACK SEA SRIA



Instrument: Research and Innovation Action – 9 M€

Scope/Requirements to keep in mind

- Provide new knowledge to assess and mitigate the impacts of global climate change and the multiple natural and human-induced stressors in the Black Sea from land-sea interface to the deep basin
- Complement and build on ongoing projects/initiatives such as SEAS-Era ERA-NET, PERSEUS, COCONET, SENTINEL, Marine Copernicus Monitoring Environment Service, European research infrastructures such as EMBRC, Euro-Argo ERIC, ICOS ERIC and EMSO ERIC, Black Sea Economic Cooperation, DANUBIS-RI etc.
- Data in line with agreed standards and compatible with EMODnet and clouds

Expected Impact

- Sustainable smart observation and monitoring systems, and assessment frameworks promoting governance for a sustainable ecosystem, mitigation of climate change impact and other stressors, and accurate forecasting for adaptive management
- Training activities improving the professional skills and competencies of workers and supporting the creation of new jobs in the blue economy
- Enhanced science-policy dialogue in formulating coastal and marine policies and programmes

Policy background documents

- MSFD reports of Romania and Bulgaria
- Strategic Action Plan of the Bucharest Convention

Thank you!

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www.ec.europa.eu/research

www.ec.europa.eu/agriculture

Funding and Tender Portal:

<https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/programmes/h2020>