

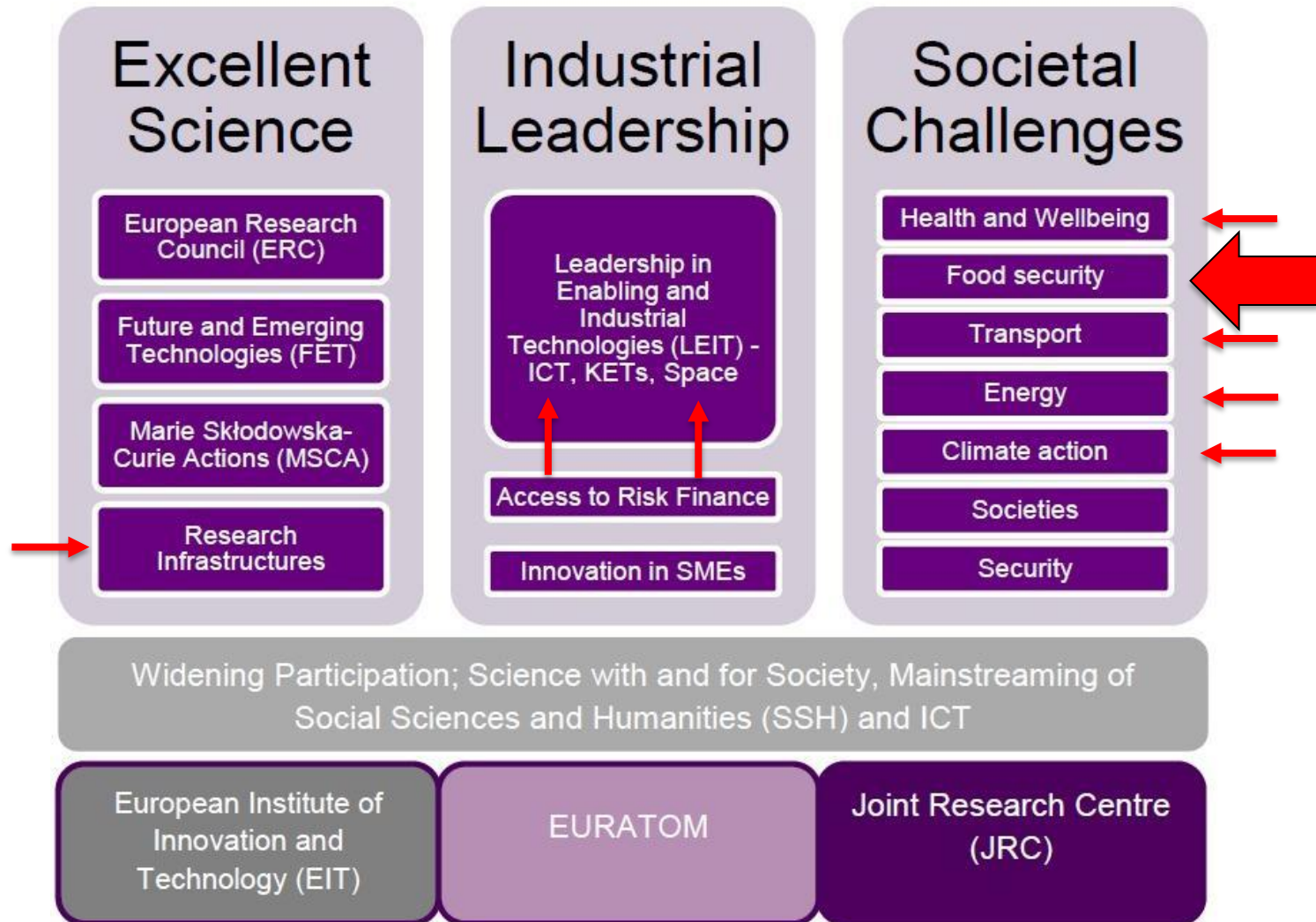
Societal Challenge 2

Looking for additional opportunities in other parts of H2020



José Antão
GPPQ
22/11/2017

SC2: Vast scope – Opportunities everywhere



Opportunities aligned with **SFS call** (non-exhaustive)



Patrícia Calado



Anabela Carvalho
Cristina Gouveia



Fernando Carvalho

- [SC1-BHC-15-2018](#) - New anti-infective agents for prevention and/or treatment of neglected infectious diseases (NID). 06 February 2018; € 5-10M
- [SC1-BHC-14-2019](#) - Stratified host-directed approaches to improve prevention, treatment and/or cure of infectious diseases. 02 October 2018; € 6-10M
- [SC1-BHC-13-2019](#) - Mining big data for early detection of infectious disease threats driven by climate change and other factors. 16 April 2019; € 12-15M
- [SC1-BHC-16-2018](#) - Global Alliance for Chronic Diseases (GACD) - Scaling-up of evidence-based health interventions at population level for the prevention and management of hypertension and/or diabetes. 18 April 2018; € 2-4M
- [CE-SC5-04-2019](#) - Building a water-smart economy and society [*b) Large scale applications with multiple water users at various relevant scales*]. 19 February 2019; € 10-15M
- [SU-SPACE-EGNSS-3-2019-2020](#) - EGNSS applications fostering societal resilience and protecting the environment. 05 March 2019; € 1-3M

Opportunities aligned with **BG call** (non-exhaustive)

- [LC-SC3-RES-11-2018](#) - Developing solutions to reduce the cost and increase performance of renewable technologies. 31 January 2018; € 2-5M
- [LC-SC3-RES-13-2018](#) - Demonstrate solutions that significantly reduce the cost of renewable power generation. [a] *Offshore wind* 13 February 2018; € 15-20M
- [LC-SC3-RES-14-2019](#) - Optimising manufacturing and system operation [a] *Monitoring system for marine energy*]. 16 October 2018; € 3-5M
- [MG-BG-01-2018](#) - Unmanned and autonomous survey activities at sea. 04 April 2018; € 8M
- [MG-BG-02-2019](#) - Ship emission control scenarios, marine environmental impact and mitigation. 24 April 2019; € 8M
- [SC5-09-2018-2019](#) - New solutions for the sustainable production of raw materials [c] *Recovery of metals and minerals from sea resources*]; 19 February 2019; € 3-7M
- [LC-SPACE-03-EO-2018](#) - Copernicus evolution - Preparing for the next generation of Copernicus Marine Service ocean models. 06 March 2018; € 5M

food security

Blue Growth

Renaissance

Luís Maia



Anabela Carvalho
Cristina Gouveia



Fernando Carvalho



Opportunities aligned with **RUR call** (non-exhaustive)



Anabela Carvalho
Cristina Gouveia



Fernando Carvalho

- [LC-CLA-02-2019](#) - **Negative emissions and land-use based mitigation assessment.** 19 February 2019; € 5-7M
- [LC-CLA-03-2018](#) - **Climate change impacts in Europe [b) Global climate change impacts from a European perspective].** 27 February 2018; € 5-7M
- [CE-SC5-08-2018-2019-2020](#) - **Raw materials policy support actions for the circular economy [b) Resource efficiency in wood processing, recovery and recycling].** 27 February 2018; € 3M
- [LC-SPACE-02-EO-2018](#) - **Copernicus evolution – Mission exploitation concepts [b) Preparation of a European capacity for improving agriculture monitoring; c) Preparation of a European capacity for improving forest monitoring].** 06 March 2018; € 2-3M
- [LC-SPACE-04-EO-2019-2020](#) - **Copernicus evolution – Research activities in support of cross-cutting applications between Copernicus services.** 12 March 2019; € 2-3M

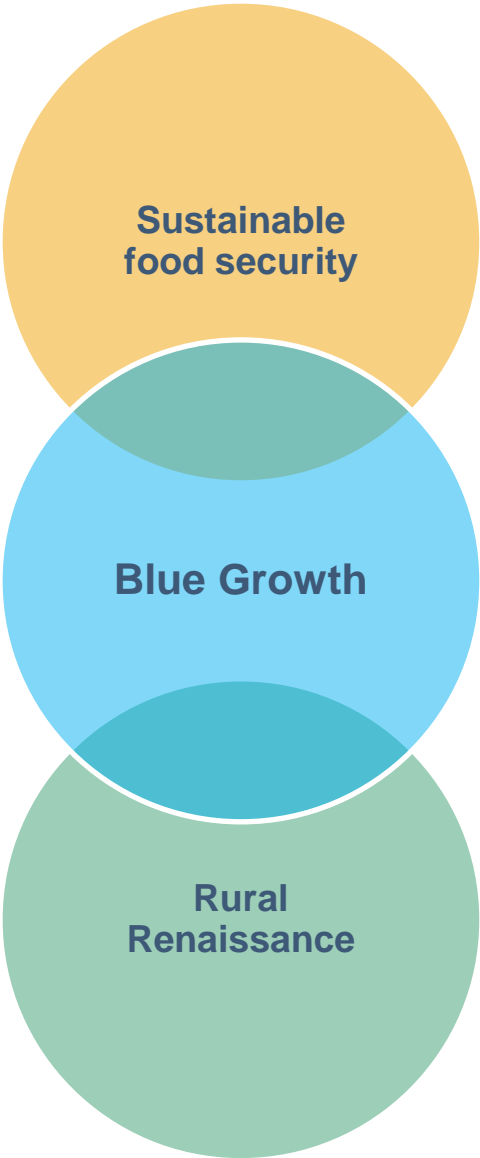
Additional opportunities – Biofuels



Rural
Renaissance

- [LC-SC3-RES-21-2018](#) - **Development of next generation biofuels and alternative renewable fuel technologies for road transport.** 13 February 2018; € 3-5M
- [LC-SC3-RES-22-2018](#) - **Demonstration of cost effective advanced biofuel pathways in retrofitted existing industrial installations.** 05 April 2018; € 8-10M
- [LC-SC3-RES-2-2018](#) - **Disruptive innovation in clean energy technologies [b) *Bionic leaf technology*].** 19 April 2018; € 2-3M
- [LC-SC3-RES-24-2019](#) - **Boosting pre-commercial production of advanced aviation biofuels.** 11 December 2018; € 15-20M
- [LC-SC3-RES-16-2019](#) - **Development of solutions based on renewable sources that provide flexibility to the energy system [a) *Bioenergy carriers*].** 27 August 2019; € 3-5M
- [LC-SC3-RES-23-2019](#) - **Development of next generation biofuel and alternative renewable fuel technologies for aviation and shipping.** 27 August 2019; € 3-5M

Additional opportunities – **Biotechnology**



- [CE-BIOTEC-04-2018](#) - **New biotechnologies for environmental remediation.** 25 April 2018; € 5M
- [BIOTEC-02-2019](#) - **Boosting the efficiency of photosynthesis.** 22 January 2019; € 6-8M
- [CE-BIOTEC-05-2019](#) - **Microorganism communities for plastics biodegradation.** 24 April 2019; € 5M







Additional opportunities – Research Infrastructures

[INFRAIA-01-2018-2019](#) - Integrating Activities for Advanced Communities. 22 March 2018; € 10M

- *Research infrastructures for forest ecosystem and resources research*
- *Research vessels*
- *Sites and experimental platforms of anthropogenic impacts for ecosystem functioning and biodiversity research*



Research Infrastructures – Transnational Access (TNA)


Topic	Deadline of the current call	Instruments and resources available through the call
 <p>Viral Archives</p>	<p>N.A. Continuous. Free samples for researchers</p>	<p>Mammalian viral products and access to high containment biosafety facilities.</p>
 <p>Vector-borne diseases</p>	<p>N.A. Continuous. Free samples for researchers</p>	<p>All major vectors infected with all major arboviruses as well as Plasmodium falciparum, genome-edited transgenic lines, Wild-collected samples, Physical access to insectaries, etc.</p>
 <p>Marine and ocean data</p>	<p>Virtual Access</p>	<p>Services, tools and support to Marine/Ocean data providers and data users.</p>
 <p>Aquaculture research facilities</p>	<p>12/12/2017</p>	<p>The entire range of production systems, environments, scales, fish species and fields of expertise in aquaculture.</p>
 <p>Plant phenotyping platforms</p>	<p>11/12/2017</p>	<p>31 phenotyping facilities across Europe</p>
 <p>Biofuels</p>	<p>01/04/2018</p>	<p>55+ installations for characterization of new feedstocks, bio-refining and bio-based products, system simulation tools for biomass conversion and biorefining</p>




EC (through **INFRAIA** contract) supports **travel and operation costs** associated with researchers' use of Research Infrastructures. **Access** based on excellence, **peer reviewed**.

Partnership for Research and Innovation in the Mediterranean Area (**PRIMA**)


- Initiative launched by 19 Euro-Mediterranean Countries
- Art. 185 of TFUE → long-term cooperation
- Strategic research and innovation agenda as backbone
- Total budget: 220 M€ (EU) + 220-240 M€ (participating states)



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



FARMING SYSTEMS
Sustainable farming systems under Mediterranean environmental constraints



AGRO-FOOD VALUE CHAIN
Sustainable Mediterranean agro-food value chain for regional and local development.

Partnership for Research and Innovation in the Mediterranean Area (**PRIMA**)

Cooperação Transnacional

Parceria para a Investigação e Inovação na Região Mediterrânica (PRIMA)



DESTAQUES:

- O pré-anúncio dos primeiros concursos para projetos está previsto para 15 de janeiro de 2018. O anúncio ou abertura dos concursos está previsto para 15 de fevereiro de 2018. Por favor, consultar a apresentação «PRIMA State of Play», abaixo, para mais detalhes.

[PRIMA – dedicated page at FCT webpage](#)

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<http://www.gppq.fct.pt/h2020/>