

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

Pillar II

Global Challenges and Industrial Competitiveness

Cluster 5: Food and Natural Resources

#HorizonEU

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Content

- *SSH: from FP7 to H2020*
- *Status quo on the upstreaming of SSH: Societal Challenge
2 calls & topics*
- *Horizon Europe: Cluster 5*

SSH: from FP7 to H2020

Seventh Framework Programme (FP7) 2007-13

Programme dedicated
to SSH

No reference in the evaluation
criteria to disciplines working
together

Horizon 2020 2014-20

- Societal Challenge 6
- SSH as a cross-cutting issue

Inter-disciplinarity
is part of the evaluation criteria
(Excellence)

Horizon 2020 Framework Regulation - The specific objective of the societal challenge 'Europe in a changing world - Inclusive, innovative and reflective societies' will support social sciences and humanities research by focusing on inclusive, innovative and reflective societies. **Social sciences and humanities research will also be fully integrated into each of the priorities of Horizon 2020 and each of the specific objectives and will contribute to the evidence base for policy making at international, Union, national, regional and local level.**

Status quo (2nd monitoring report on the integration of SSH in H2020

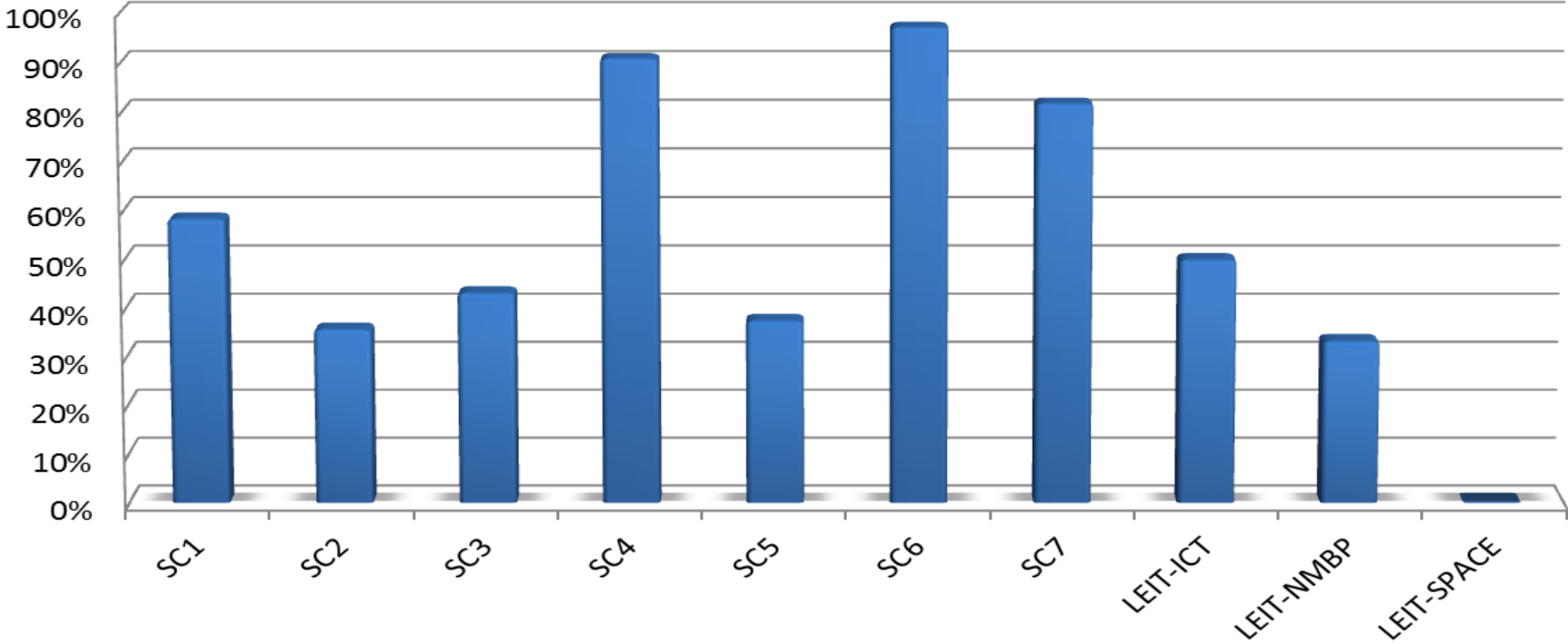
2015 Key findings - Quantitative analysis

- Budget: €197 million out of the €888 million allocated in 2015 to the SSH flagged topics awarded to SSH partners (22%)
- Countries: the SSH partners come predominantly from the following EU Member States: United Kingdom (11%), Italy (10%), Germany (10%), Spain (8%) and Belgium (8%)
- SSH disciplines: economics (26%), political science and public administration (17%) are well integrated, while human geography/demography, social anthropology and the humanities remain underrepresented

Status quo (2nd monitoring report on the integration of SSH in H2020

2015 Key findings – Qualitative Analysis

Share of projects with good SSH integration with 10 % threshold



Status quo (2nd monitoring report on the integration of SSH in H2020

Lessons learned for 2018-20 Work Programme

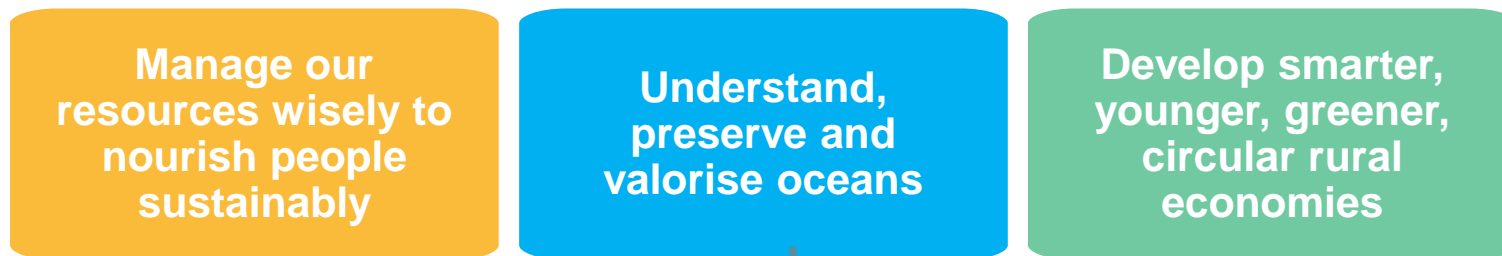
- Under SSH flagged Topics – **20% of projects** fail to integrate contributions from the SSH
- We need corrective measures in three key areas:
 - 1 To design better interdisciplinary topics
 - 2 Open up topics to underrepresented SSH disciplines
 - 3 Better inform and mobilize the SSH communities
- The SSH and STEM communities need to embrace the integrative approach - look for opportunities also outside the calls of SC6

Upstreaming of SSH: Societal Challenge 2 calls & topics 2018-20

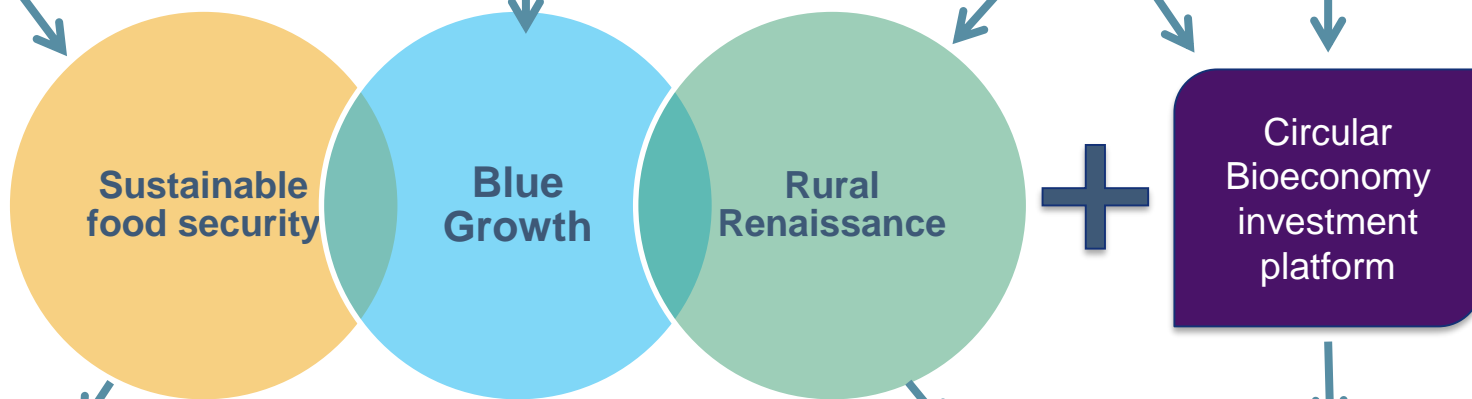
5 priorities



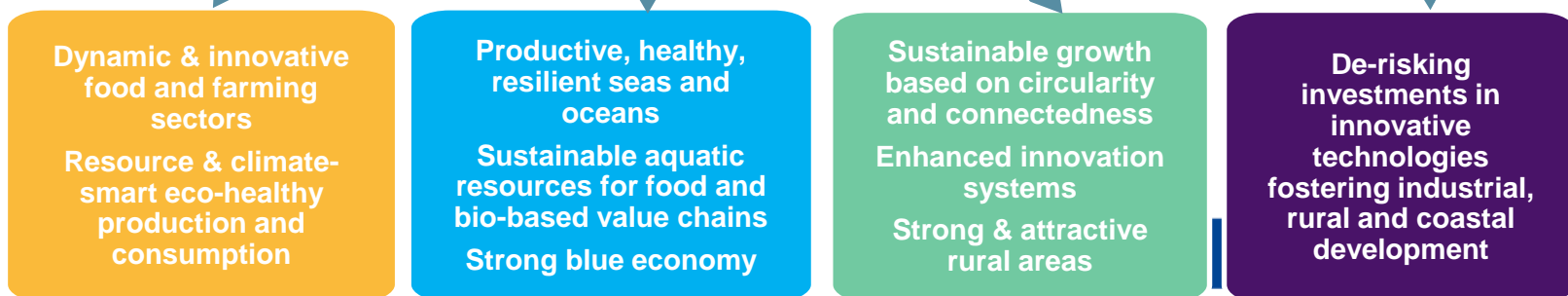
3 goals



3 calls + FI



Key impacts



Upstreaming of SSH: Societal Challenge 2 calls & topics

Key elements for 2018-20:

A

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

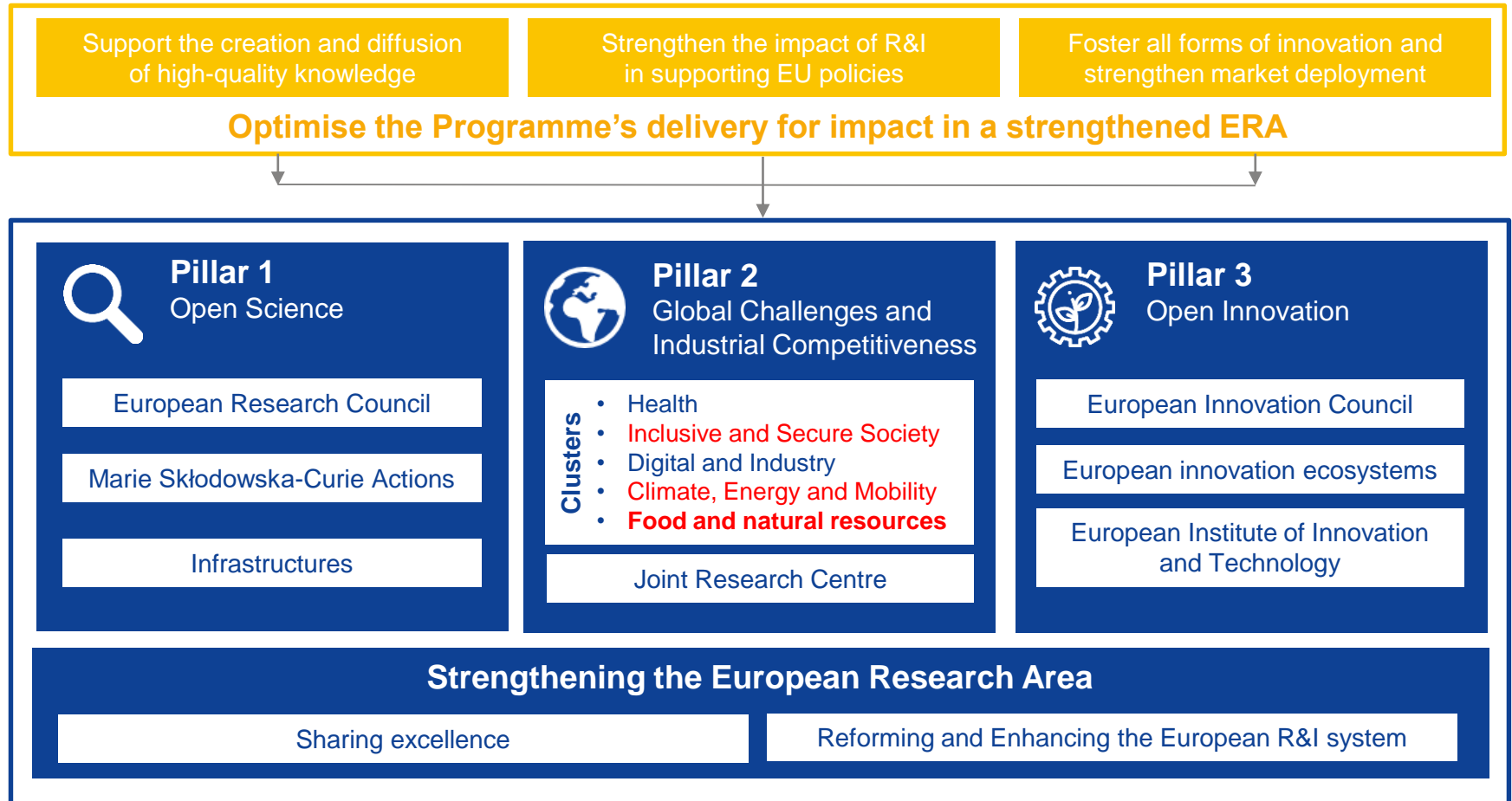
B

A wide space for Social Sciences and Humanities

- 55 topics flagged for SSH (75%)

Horizon Europe: evolution not revolution

Specific objectives of the Programme



CLUSTER 5: Food and natural resources: what is in it?

7 intervention areas

Environmental observation

Biodiversity and natural capital

Agriculture, forestry and rural areas

Sea and oceans

Food systems

Bio-based innovation systems

Circular systems

CLUSTER 5: Food and natural resources

Nourishing the planet's growing population requires healthy natural systems and resources but soils, seas and oceans, water, air, biodiversity and other natural resources face pressures that go far beyond sustainable levels.

Meeting the goals of sustainable development, [...] requires harnessing of the potential of R&I and investing in technologies, **new business models and social and environmental innovation.**

Supporting the shift towards a circular economy, bioeconomy and blue economy is an opportunity to balance environmental, **social and economic goals and to set human activities on a path to sustainability.**

Impact of Cluster activities will be enhanced by applying **participatory approaches to R&I.** This will include working in a multiactor approach and **involving potential users of results** in the R&I activities.



CLUSTER 5: Food and natural resources: Why a single cluster?

Addressing under one cluster the interlinked challenges of ecosystems, health of our planet, **sustainable agricultural, forest and marine production**, and **sustainable consumption**

Strong linkages with key EU programmes and **SDGs** (2, 6, 11-15)

Bringing together the concepts of circular economy, bioeconomy and blue economy, with a coherent contribution of R&I to EU policies in these areas

Mainstreaming a participatory approach to R&I, working on the overall system, and exploitation of big data



CLUSTER 5: Food and natural resources: What's new?

- More **impact-focused R&I** – supporting the implementation of EU policy goals like the shift towards a circular economy, bio-economy and blue economy
- **New holistic / system-wide / integrated view**
- **More synergies** across R&I areas, along the full innovation cycle:
 - between intervention areas (e.g. circular and bio-based systems)
 - between clusters (e.g. digital and agriculture; marine & maritime)
 - between pillars (through wide / joint Missions)
 - with other EU / funding instruments (e.g. EARD, EMFF)



Thank you

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<http://ec.europa.eu/horizon-europe>