

# Finanziamenti europei a gestione diretta: Horizon Europe

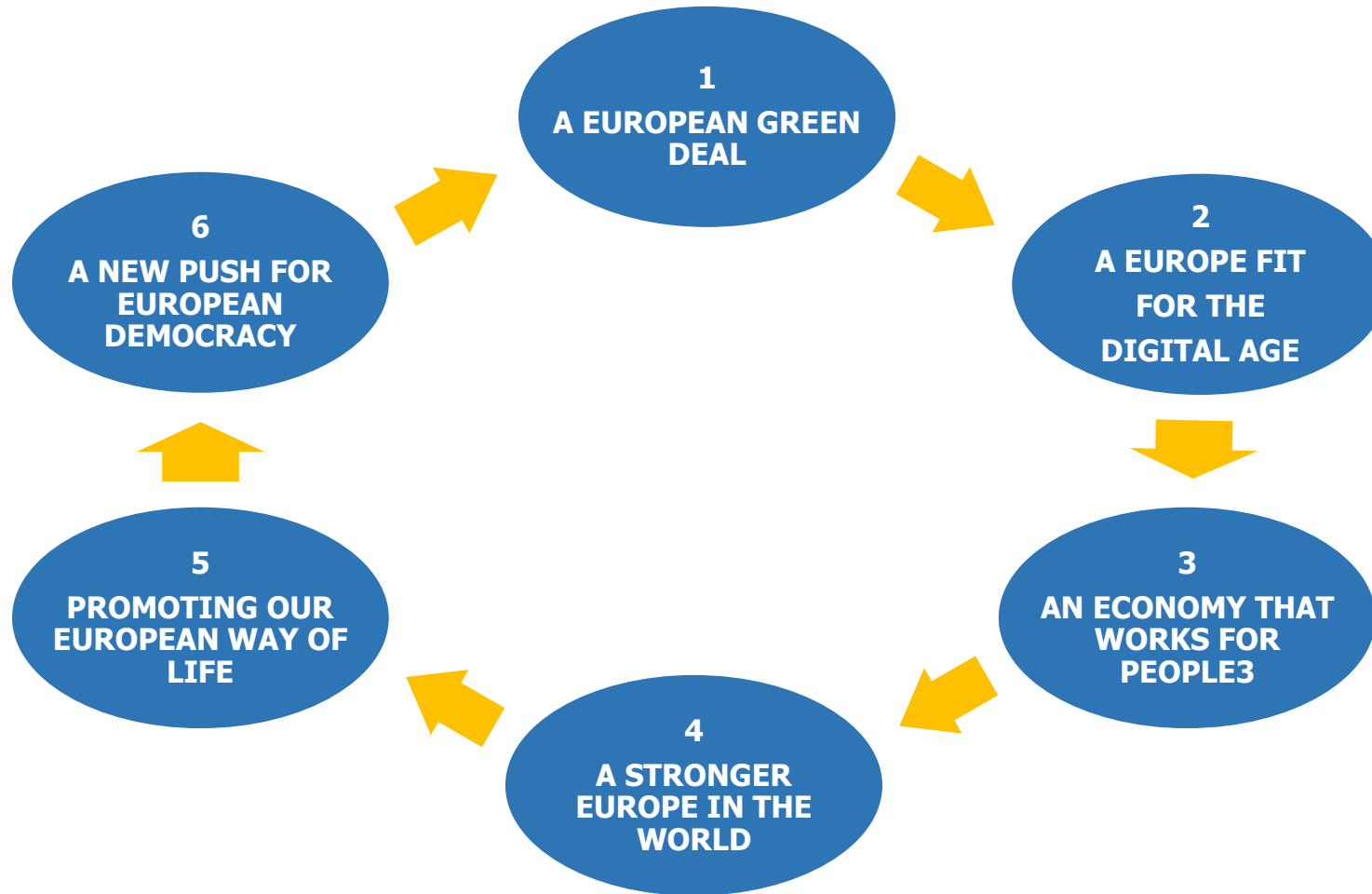
15/06/2021

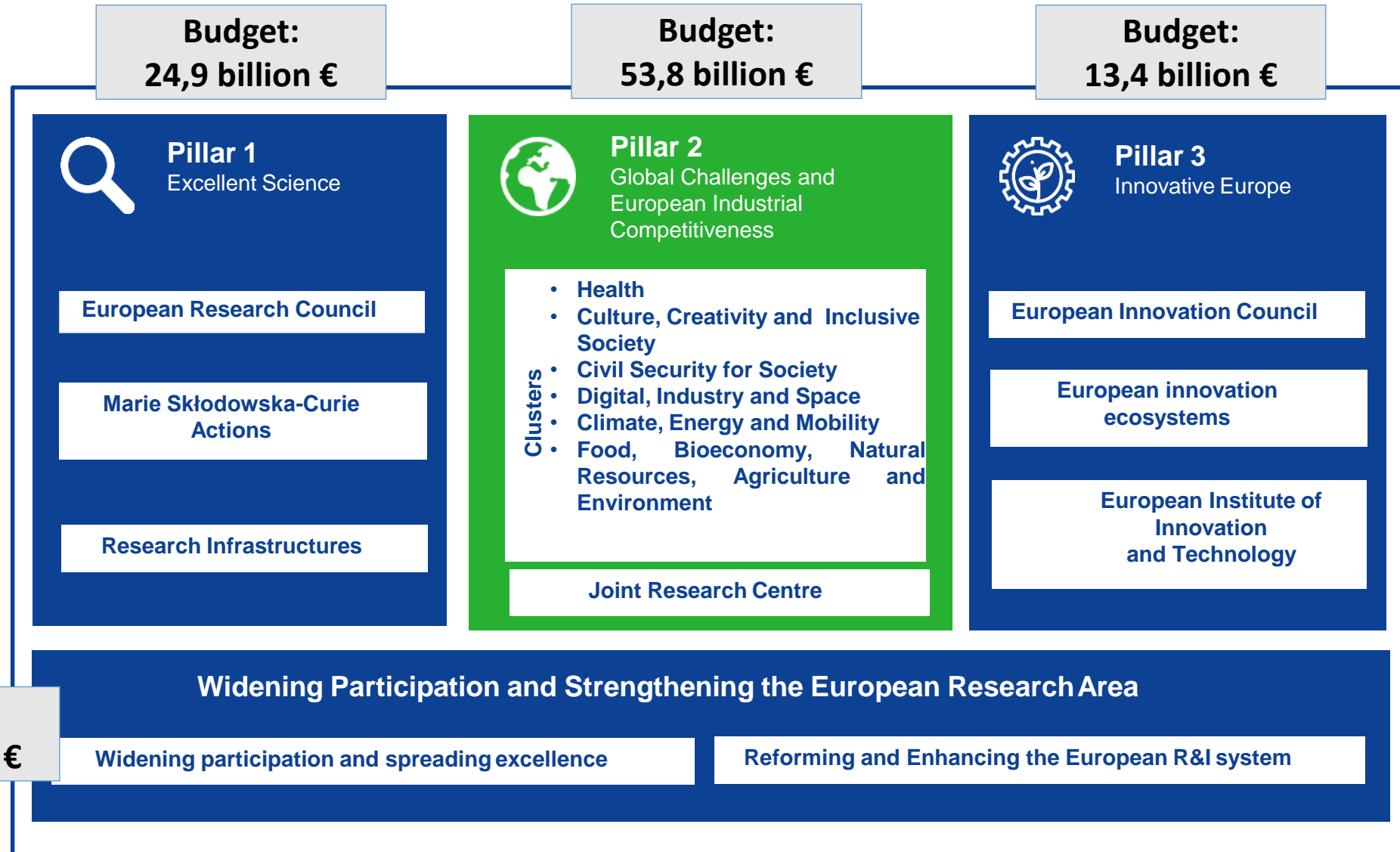
Francesca Ricardi di Netro



1. Background Context
2. Horizon Europe
3. Horizon Europe: 5 Missions
4. Horizon Europe: European Partnerships
5. Useful links

# European Commission's Priorities (2019-2024): a shared vision





Budget HE : 95,5 billion €

# Horizon Europe: Key Strategic Orientations

- ✓ **KSO:** defined to set out the R&I contribution to EC political priorities ('whole of government' approach).
- ✓ **AIM:**
  - creating a strong bridge between R&I and EU policy priorities
  - giving directionality towards the UN SDGs –across all clusters (and HE parts)
  - anchoring the new impact-driven approach of Horizon Europe and facilitating the monitoring of implementation –at cluster level
  - Enabling great changes
- ✓ **EXPECTED IMPACTS** are presented as the cluster's contributions to the key strategic orientations.

KSO 1 "Preserving and restoring <b>ecosystems and biodiversity</b> and managing sustainably natural resources on land and sea, and achieving <b>climate neutrality and adaptation</b> "	KSO 6 "Enhancing the <b>health, and well-being</b> of all citizens and <b>tackling inequalities</b> ."
KSO 2 "Ensuring <b>food and nutrition security</b> through <b>sustainable food systems from farm to fork</b> "	KSO 7 "Strengthening <b>EU democracies</b> and empowering all citizens to act in the transitions".
KSO 3 "Transforming <b>the EU industry for a clean, more bio-based, climate-neutral, circular and competitive economy</b> ".	KSO 8 "Shaping <b>technologies and innovations</b> that work for people".
KSO 4 "Delivering <b>clean, sustainable, competitive, secure, safe and smart energy and mobility for climate neutrality</b> ".	KSO 9 "Stepping up <b>EU resilience, inclusiveness and preparedness to respond to disasters</b> , security challenges, emerging threats and improved border management".
KSO 5 "Securing <b>EU global industrial leadership and strategic autonomy</b> in key technologies".	KSO 10 "Leading the way and joining forces internationally for the <b>transition to sustainability</b> "

These research and innovation missions aim to **provide solutions to some of the biggest challenges** facing the world. Each mission is a mandate to solve an urgent challenge in society within a **given timeframe and budget**.

NEW

## The 5 missions with some of their objectives for 2030 are:

- **Adaptation to climate change**, including societal transformation: Preparing Europe to cope with climate change disruptions
- **Cancer**: more than 3 million lives saved, longer and better lives, a thorough understanding of cancer
- **Healthy oceans, seas, coastal and inland waters**: cleaning of marine and fresh waters, restoration of degraded ecosystems and habitats
- **Climate-neutral and smart cities**: 100 European cities support and demonstrate a systematic transformation to climate neutrality by 2030.
- **Soil health and food**: at least 75% of all soils in the EU are healthy for food, people, nature and climate.

➤ [more info: link](#)

## EU PARTNERSHIPS:

- initiatives where the **EU work together with private and public partners**
- they will be **established only in cases where they will achieve objectives of Horizon Europe more effectively**

## AIM:

- commit to jointly support the development and implementation of ERA and the European policy (achieve concrete results)
- Systemic approach: overcome fragmentation in the R&I programmes and avoid duplication (bring together many actors by establishing a common vision and roadmap = SRIA strategic r&i agenda), create links with other Partnerships / EU funds
- Reach a critical mass of investment
- Establish long term European network



- **Simple architecture and toolbox**
- **New approach to Partnership: more impact-driven**

## Co-programmed

Based on contractual arrangement / MoU; implemented independently by the partners and by Horizon Europe

MoU and/or contractual arrangement (Commission and private and/or public partners) specifying **the objectives** of the partnership, related **commitments** from all involved sides for financial and/or in-kind contributions of the partners, **key performance and impact indicators, outputs** to be delivered and **reporting modalities**. They include the identification of complementary research and innovation activities that are implemented separately by the partners and by the EU through work programmes (comitology procedure);

## Co-funded

Based on a joint programme agreed by partners (Grant Agreement); MS/ACs design a common programme to be implemented under their responsibility.

GA: resulting from a **call for proposals for a programme co-fund action** in the work programme of **HEurope**. To specify the **objectives, key performance and impact indicators**, and **outputs** to be delivered, based on the commitment of the partners for financial and/or in-kind contributions and integration of their relevant activities. Suited to partnerships involving **public authorities**, but possible also to include **foundations and international partners**;

## Institutionalised

Partnerships based on Articles 185 /187 of TFEU and the EIT-Regulation supported by Horizon Europe. Implementation by a dedicated structure.

**Research and innovation programmes undertaken by several Member States**, based on a Decision by the Council and European Parliament (Art. 185 TFEU) or by bodies established through a Decision of the Council (Art. 187 TFEU), **such as Joint Undertakings, or by EIT Knowledge and Innovation Communities** Such partnerships will be **implemented only where other forms of European Partnerships would not achieve the objectives or generate the expected impacts, and if justified by a long-term perspective and high degree of integration**.



# Horizon Europe: Partnerships 49 in the Strategic Plan 2021-2024

## PILLAR II - Global challenges & European industrial competitiveness

CLUSTER 1: Health	CLUSTER 4: Digital, Industry & Space	CLUSTER 5: Climate, Energy & Mobility
Innovative Health Initiative	Key Digital Technologies	Clean Hydrogen
Global Health Partnership	Smart Networks & Services	Clean Aviation
Transformation of health systems	High Performance Computing	Single European Sky ATM Research 3
Chemicals risk assessment	European Metrology (Art. 185)	Europe's Rail
ERA for Health	AI-Data-Robotics	Connected and Automated Mobility (CCAM)
Rare diseases*	Photonics	Batteries
One-Health Anti Microbial Resistance*	Made in Europe	Zero-emission waterborne transport
Personalised Medicine*	Clean steel – low-carbon steelmaking	Zero-emission road transport
Pandemic Preparedness* <i>Co-funded or co-programmed</i>	Processes4Planet	Built4People
	Global competitive space systems**	Clean Energy Transition
		Driving Urban Transitions

- Institutionalised Partnerships (Art 185/7)
- Institutionalised partnerships / EIT KICs
- Co-Programmed
- Co-Funded

\* Calls with opening dates in 2023-24

\*\* Calls with opening dates not before 2022

## PILLAR III - Innovative Europe

EIT	SUPPORT TO INNOVATION ECOSYSTEMS
InnoEnergy	Innovative SMEs
Climate	
Digital	
Food	
Health	
Raw Materials	
Manufacturing	
Urban Mobility	
Cultural and Creative Industries	

## CROSS-PILLARS II AND III

European Open Science Cloud

## 14 PARTNERSHIPS: ITALIAN FUNDS

Partnership	cash	in kind	totale
EU-Africa Global Health Partnership	10,5	6,5	17
European partnership for Chemical risk assessment	0	25	25
ERA for Health (Pre-clinical/clinical health research)	40	24	64
Transforming Health and Care Systems	40	33	73
High Performance Computing	0	175	175
Key Digital Technologies	73	0	73
European Metrology	49	11	60
Clean Energy Transition	50	30	80
Driving Urban Transitions to a sustainable future	17	25	42
Rescuing biodiversity to safeguard life on Earth	17	25	42
Blue Oceans	17	20	37
Water Security for the Planet	17	25	42
Innovative SMEs	35	0	35
European Science Cloud (EOSC)	7	50	57
<b>Totale</b>	<b>372,5</b>	<b>449,5</b>	<b>822</b>

➤ ***HE: HOW TO PREPARE A SUCCESSFUL PROPOSAL***

<https://ec.europa.eu/research/participants/docs/h2020-funding-guide/other/event210324.htm#general-info>

➤ ***HE CALLS:***

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

➤ ***HE STRATEGIC PLAN:***

[https://ec.europa.eu/info/sites/info/files/research\\_and\\_innovation/funding/documents/ec\\_rtd\\_horizon-europe-strategic-plan-2021-24.pdf](https://ec.europa.eu/info/sites/info/files/research_and_innovation/funding/documents/ec_rtd_horizon-europe-strategic-plan-2021-24.pdf)

➤ ***HE MANUAL AND PLAN:***

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

➤ ***EUROPEAN RESEARCH&INNOVATION DAYS: 23-24 June 2021***

<https://research-innovation-days.ec.europa.eu/>

➤ ***APRE – AGENZIA PER LA PROMOZIONE DELLA RICERCA EUROPEA:***

<https://apre.it/>

**Grazie per l'attenzione**

**Thank you for your attention!**

**Vielen Dank für ihre Aufmerksamkeit!**

**Francesca Ricardi di Netro**

*Research Policy Officer*

**[francesca.ricardi@unibz.it](mailto:francesca.ricardi@unibz.it)**

M: +39 3316742961

---

**Quality and Strategy Development  
Free University of Bozen-Bolzano**

**Jointly with:**

**Autonomous Province Bolzano – South Tyrol:**

**-34. Innovation, Research, University and Museum-  
Research Centre Laimburg**