

Horizon Europe structure

Pillar 1

Excellent Science

European Research Council

Marie Skłodowska-Curie Actions

Research Infrastructures

Pillar 2

Global Challenges and European Industrial Competitiveness

- Health
- Culture, Creativity and Inclusive
 Society
- © Civil Security for Society
- Digital, Industry and Space
- Climate, Energy and Mobility
- Food, Bioeconomy, Natural Resources, Agriculture and Environment

Joint Research Centre

Pillar 3 Innovative Europe

European Innovation Council

European innovation ecosystems

European Institute of Innovation and Technology

Widening Participation and Strengthening the European Research Area

Widening participation and spreading excellence

Reforming and Enhancing the European R&I system



The 'Shadow Committee'

Strategic configuration 5 sub-groups on Missions **National Contact Points** European Research Council **R&I Partnerships** (ERC) Marie Skłodowska-Curie Research Infrastructures Actions (MSCA) Culture, creativity and Health **Inclusive Society** Digital, Industry and Space Civil Security for Society Climate, Energy and Food, Bioeconomy, Natural Resources, Agriculture and **Mobility** Environment The European Innovation Widening participation and Council (EIC) and European strengthening the European Innovation ecosystems Research Area **Fission Fusion**

Commission Expert group to act as "shadow" Strategic Configuration of the Horizon Europe Programme Committee (E03662)

Sub-groups



Cluster 5 – Intervention areas

1. Climate Science and Solutions

2. Energy Supply

3. Energy Systems and Grids

4. Buildings and Industrial Facilities in Energy Transition

5. Communities and Cities

6. Industrial Competitiveness in Transport

Budget (Commission proposal): EUR 15 billion

7. Clean Transport and Mobility

8. Smart Mobility

9. Energy storage



Work Programme – drafting process (indicative)

Cluster 5 Shadow PC: meeting **15 May**

 Discussion of cluster-relevant KSOs and expected impacts

Cluster 5 Shadow PC: meeting **26 June**

 Discussion of work programme skeleton, including 'Destinations' and indicative list of thematic priorities Cluster 5
Shadow PC:
meeting
September
(date to be fixed)

 Discussion of a first draft WP (including topics; budgets depending on MFF) Cluster 5
Shadow PC:
meeting
October (date to be fixed)

 Discussion of 2nd draft WP Preliminary finalisation of work programme: early November



Candidate partnerships for Cluster 5

Institutional Partnerships

- Transforming Europe's rail system
- Integrated Air Traffic Management
- Clean Aviation
- Clean Hydrogen

Co-funded Partnerships

- Driving urban transitions to a sustainable future (DUT)
- Clean Energy Transition

Co-programmed Partnerships

- Built4People | People-centric sustainable built environment
- Towards zero-emission road transport (2ZERO)
- Batteries: Towards a competitive European industrial battery value chain for stationary applications and e-mobility
- Zero-emission waterborne transport
- Connected, Cooperative and Automated Mobility (CCAM)



Tentative timeline

May/Oct 2019

Consultation with Member States (part of strategic coordinating process)

June 2019

Publication of draft Inception Impact Assessments

Sept/Nov 2019

Open Public Consultation on Art. 185/187 initiatives

Sept 2019

European R&I Days – validation with stakeholders

Nov 2019

Workshops with MSs on their possible involvement

Q3 2020

Earliest possible adoption of COM proposals for Art. 185/187 initiatives

Q2/Q3 2020

Drafting of partnerships' strategic R&I roadmaps

May/June 2020

Publication of draft partnership proposals guiding next steps

March/June 2020

Finalisation of Impact
Assessments

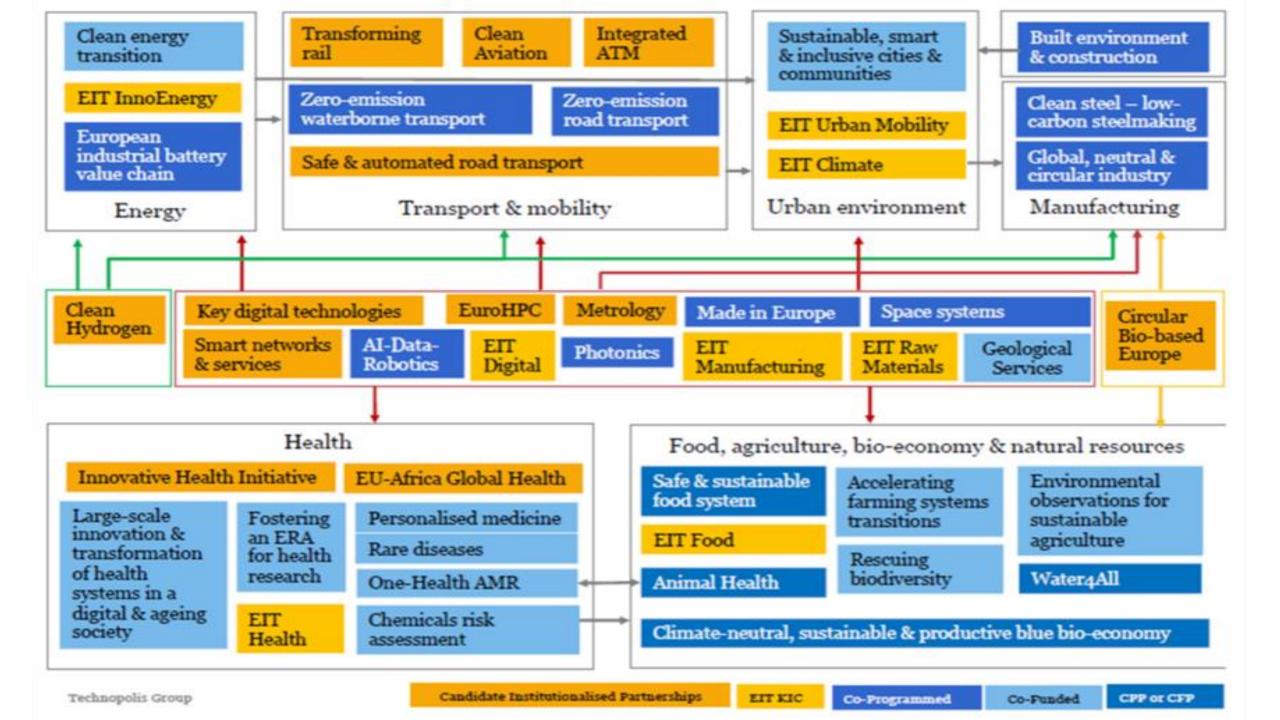
Q3 2020 - Q2 2021

Negotiation with Council (and EP), adoption

2021

Launch of first European Partnerships





https://ec.europa.eu/info/horizon-europenext-research-and-innovation-frameworkprogramme/european-partnershipshorizon-europe_en



Big tickets still available in 2020 calls...

GREEN DEAL Call in Horizon 2020

- Green Deal Call opening 9/2020 and closing 1/2021
- For consortium projects (min 3 participants, 3 countries)
- Budget ca. 700 m€ (tbc GD in H2020 = 1 bn€, EIC Accelerator share 300 m€...)
- Call themes currently under preparation
- Work program(s) published in the summer 2020
- More information from H2020 committee delegates
 - https://www.businessfinland.fi/suomalaisille-asiakkaille/palvelut/rahoitus/horisontti-2020/horisontti-yhteyshenkilot/ohjelmakomiteat/
- A webinar on GD calls was held 4th of June. Please check:
 - https://www.businessfinland.fi/suomalaisille-asiakkaille/palvelut/rahoitus/horisontti-2020/esitysaineisto/

Pre-set themes, consortium projects