



New developments in Horizon Europe

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SUBGROUP ON INNOVATION
for agricultural productivity and sustainability

22nd meeting

2 June 2022



Cluster 6 Work Programme 2021-2022

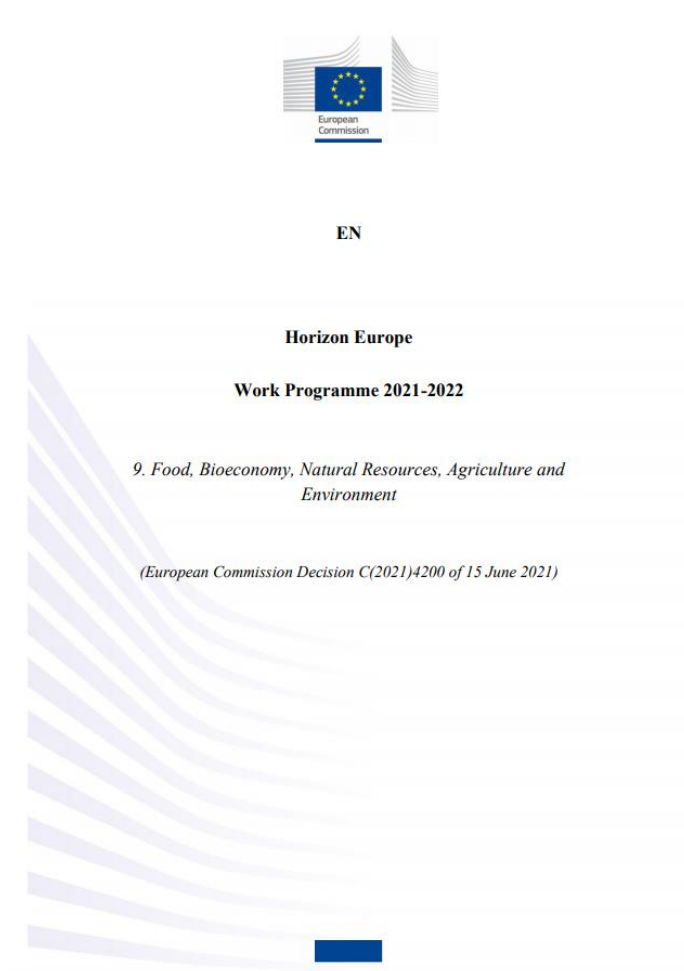
[wp-9-food-bioeconomy-natural-resources-agriculture-and-environment_horizon-2021-2022_en.pdf \(europa.eu\)](https://ec.europa.eu/eip/agri/wp9-food-bioeconomy-natural-resources-agriculture-and-environment-horizon-2021-2022_en.pdf)



2021 & 2022 calls: closed for applications



2021 calls: many new projects are about to start
2022 calls: evaluation currently ongoing



Cluster 6 Work Programme 2023-2024: evolution not revolution

Strategic Plan 2021-2024

Impact 1 Climate neutrality and adaptation to climate change

Impact 2 Preservation and restoration of biodiversity and ecosystems

Impact 3 Sustainable and circular management of natural resources; tackling pollution; bioeconomy

Impact 4 Food and nutrition security for all from sustainable food systems from farm to fork

Impact 5 Balanced development of rural, coastal and urban areas

Impact 6 Innovative governance models enabling sustainability, environmental observation

Work Programme 2023-2024

• **Destination 5:** Land, oceans and water for climate action

• **Destination 1:** Biodiversity and ecosystem services

• **Destination 3:** Circular economy and bioeconomy sectors

• **Destination 4:** Clean environment and zero pollution

• **Destination 2:** Fair, healthy and environmentally-friendly food systems from primary production to consumption

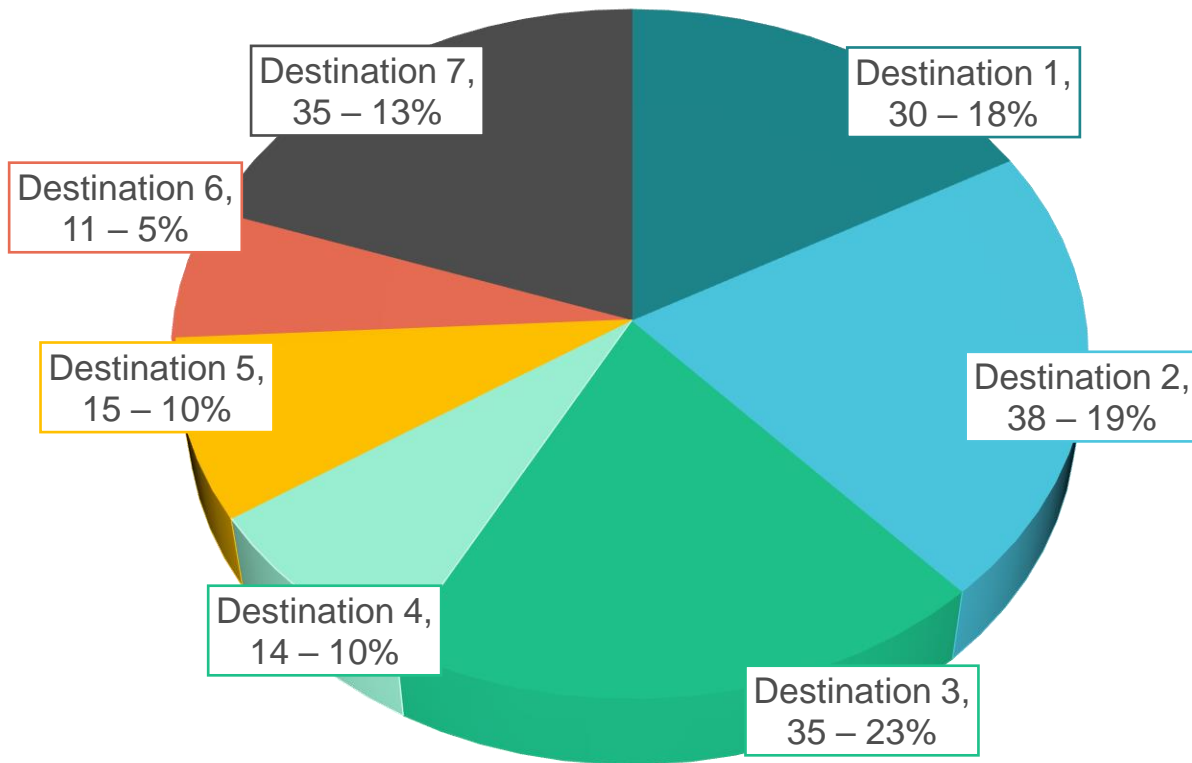
• **Destination 6:** Resilient, inclusive, healthy and green rural, coastal and urban communities

• **Destination 7:** Innovative governance, environmental observations and digital solutions in support of the Green Deal



Cluster 6 Work Programme 2023-2024: overview

Distribution of topics per destination



Preliminary total number of topics for 2023 & 2024: **178**

Co-fund partnerships
D1: European Biodiversity Partnership: Biodiversa+*
D2: European partnership on accelerating farming systems transition: agro-ecology living labs and research infrastructures
D2: European partnership on animal health and welfare
D2: European partnership on safe and sustainable food systems for people, plant and climate
D5: European Partnership Water Security for the Planet (Water4All)*
D7: European Partnership for a climate-neutral, sustainable and productive Blue Economy*
D7: European Partnership of Agriculture of Data
(*): kick-started with WP 2021-2022
bold: to start in WP23-24

Cluster 6 Work Programme 2023-2024: the new geo-political situation and policy priorities following the Russian invasion of Ukraine

- **8 March:** Communication “**REPowerEU**” – a plan to rapidly reduce dependence on Russian fossil fuels and fast forward the green transition
- **23 March:** Communication “**Safeguarding food security and reinforcing the resilience of food systems**” with actions in three areas:
 - ✓ First, it presents our immediate actions to **safeguard food security in Ukraine and around the world.**
 - ✓ Second, we have addressed the challenge of **food stability in the EU's food system**, with a range of measures to support our farmers and maintain affordability for our citizens.
 - ✓ Finally, we confirm our agenda to **make our food system sustainable and resilient** in the years to come.

Examples of R&I priorities

- ✓ Analysing and reducing fossil-energy dependence
- ✓ Enhancing the sustainable production of renewable energy at farm-level
- ✓ Fostering resilient European food systems in a changing world
- ✓ Best available techniques for recovering or recycling fertilising products from secondary raw materials
- ✓ Developing EU advisory networks on the use of fertilisers

Cluster 6 Work Programme 2023-2024: IA3 – agriculture, forestry and rural areas



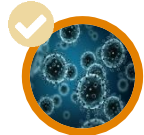
Examples of R&I priorities	
✓	Alternatives to pesticides, IPM, animal health and welfare, incl. vaccines for animals
✓	Agrobiodiversity, crop and animal breeding for sustainability and resilience, pollinator-friendly farming systems
✓	Sustainable animal production
✓	Agroecology, organic agriculture, protein crops
✓	Adaptation and mitigation to climate change, incl. paludiculture and climate-smart farming
✓	Socio-economics: R&I supporting policies (modelling, etc.)
✓	Digitalisation of the farming sector
✓	R&I supporting effective the agricultural knowledge and innovation system (AKIS), incl. thematic and advisory networks
✓	Resilience of the EU food system



-50%



-50%



-50%



25%



+10%



+3 bln



-55%



100%

Cluster 6 Work Programme 2023-2024: IA3 – agriculture, forestry and rural areas



NEW EU FOREST STRATEGY FOR 2030

Examples of R&I priorities

- ✓ Sustainable production of wood and non-wood products in small forest properties
- ✓ Market trends and societal perceptions for tailor-made forest services
- ✓ Climate-smart use of wood in the construction sector to support the New European Bauhaus
- ✓ Conservation and protection of carbon-rich and biodiversity-rich forest ecosystems
- ✓ Monitoring the multi-functionality of European forests
- ✓ Integrative forest management for multiple ecosystem services and enhanced biodiversity

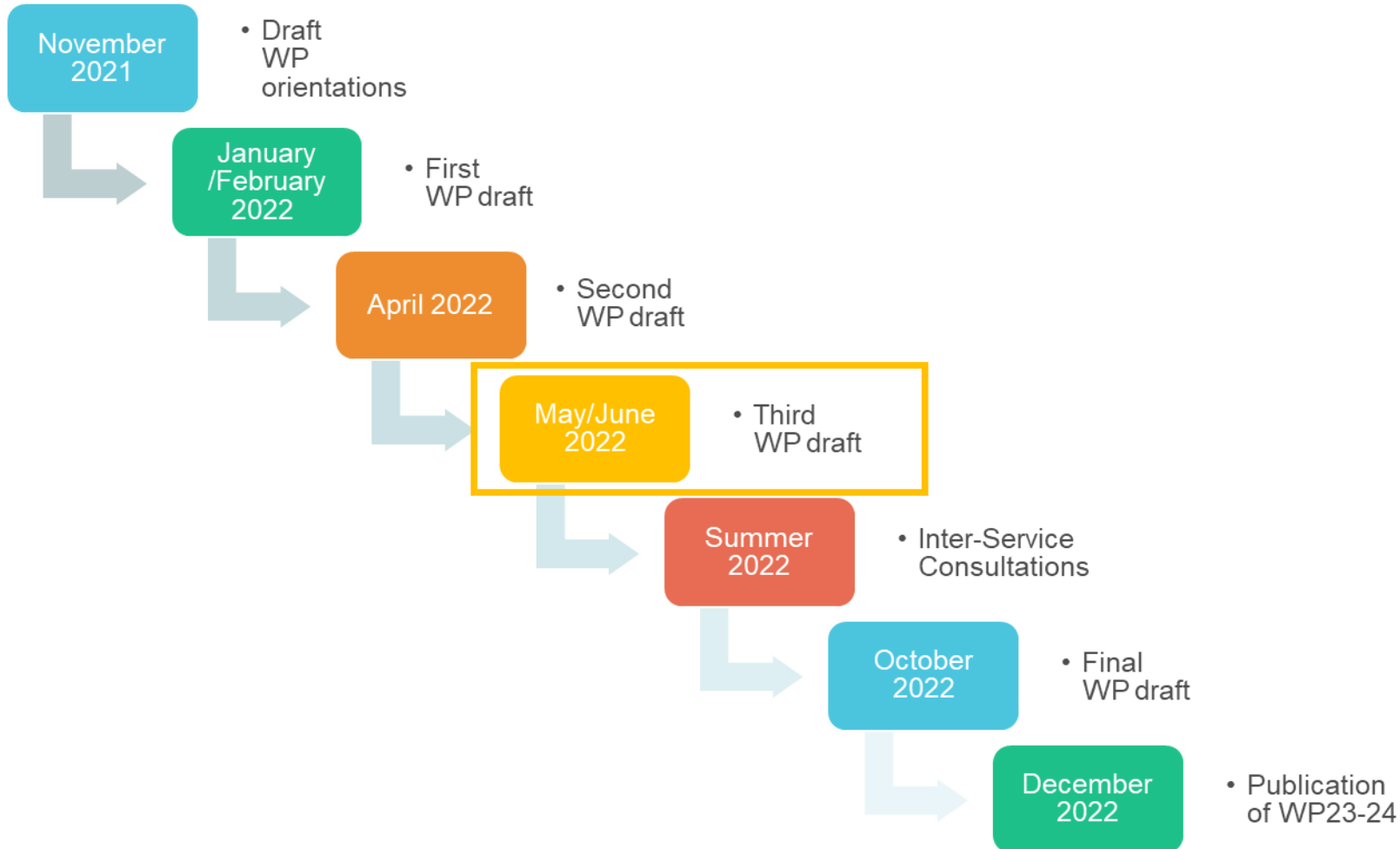
Cluster 6 Work Programme 2023-2024: IA3 – agriculture, forestry and rural areas



Examples of R&I priorities

- ✓ Enhancing social inclusion in rural areas: focus on people in a vulnerable situation and social economy
- ✓ Improving rural future through better territorial governance and rural-urban synergies
- ✓ International benchmarking of rural and territorial policies and delivery mechanisms
- ✓ Innovating for climate-neutral rural communities by 2050
- ✓ Societal perceptions and benefits of rural life and jobs: will COVID generate a long-lasting shift?
- ✓ New business and production models for farmers and rural communities

Cluster 6 Work Programme 2023-2024: timeline



EU Mission 'Soil Deal for Europe'



- New funding opportunities are now open to contribute to the mission implementation.
- The Horizon Europe Work Programme 2021-2022 amendment was adopted on **10 May**.
- Under this amendment, new calls have opened and they are published on [the Funding & Tenders portal](#).
- Applications are open until **27 September 2022**.



Thank you

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