



Subgroup on Innovation for agricultural productivity and sustainability 21st meeting 10 March 2022

#RNSubInnovation - @EIPagri_SP

Subgroup on Innovation – 21st meeting

Create Morning Routine





Update on R&I in Horizon Europe

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Unit Research and Innovation

SUBGROUP ON INNOVATION

for agricultural productivity and sustainability

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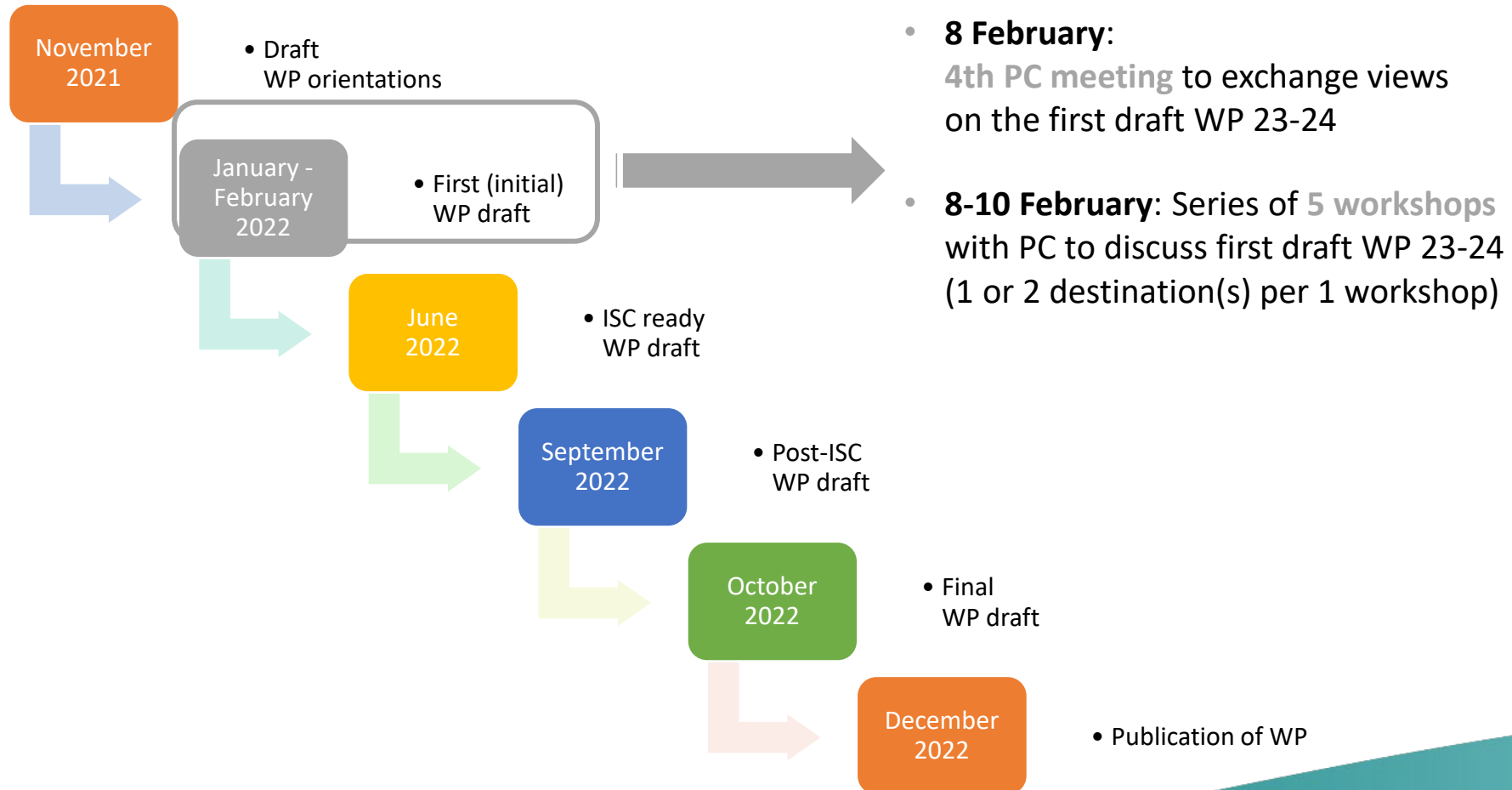
21st Meeting of the
Subgroup on Innovation



Horizon Europe Cluster 6 – from expected impacts to destinations...



Horizon Europe: preparation of WP 2023/2024



Cluster 6 Co-funded partnerships

Co-funded European partnership	Work Programme where the topic is introduced
Rescuing biodiversity to safeguard life on Earth	2021-2022
Water Security for the Planet (Water4All)	2021-2022
A climate neutral, sustainable and productive Blue Economy	2021-2022
Accelerating farming systems transition: agroecology living labs and research infrastructures	2023-2024
Animal health: fighting infectious diseases	2023-2024
Agriculture of data	2023-2024
Safe and sustainable food systems for people, planet and climate	2023-2024

Mission A soil deal for Europe - Work Programme 2021 topics overview

	Topic
2021-SOIL-01-01	Preparing the ground for healthy soils: building capacities for engagement, outreach and knowledge
2021-SOIL-02-01	From knowledge gaps to roadmaps on soil mission objectives
2021-SOIL-02-02	Validating and further developing indicators for soil health and functions
2021-SOIL-02-03	Linking soil health to nutritional and safe food
2021-SOIL-02-04	Social, economic and cultural factors driving land management and land degradation
2021-SOIL-02-05	Incentives and business models for soil health
2021-SOIL-02-06	Engage with and activate municipalities and regions to protect and restore soil health
2021-SOIL-02-07	National engagement sessions and support to the establishment of soil health living labs
2021-SOIL-02-08	Next generation soil advisors

Calls of WP 2022 to open on 12 May – Stay tuned!

Building synergies between the Soil Mission and the CAP

Activities under mission and the CAP will be closely coordinated and mutually benefit each other.

Soil Deal Mission

- Generates knowledge and innovations for sustainable soil and land management.
- Engages with farmers and foresters in Living Labs and Lighthouses to co-create test and demonstrate solutions.
- Disseminates, raises awareness and provides training to enhance “soil literacy”.
- Improves methods for assessing and monitoring soil health.



Common Agricultural Policy

- EIP AGRI Operational Groups replicate solutions in regions where no living labs and lighthouses are operating.
- Agricultural advisory services support the deployment of best available soil management practices.
- Innovations tested under the mission are up-scaled through investments.
- EIP AGRI network promotes good practices and information on successful mission projects.
- Flagship initiative of the Long-term vision for the rural areas

CAP strategic plans are crucial to build bridges and fully exploit synergies between the Soil Deal Mission and the CAP!

Living Labs – to become an important feature of our work

- They are real-life sites in rural or urban areas in which people from various sectors and backgrounds experiment and test solutions in a co-creative manner.
- A typical living lab would contain a cluster of 10 – 20 sites (e.g. farms) working together at regional or sub-regional level.
- Living labs to be implemented in the mission “A soil deal for Europe” and the European partnership on agro-ecology. Already features in several projects of Horizon 2020 / Horizon Europe (for instance ClieNfarms on climate change)
- Living labs implement the multi-actor approach and have a strong place-based feature
- Operational groups of the EIP-AGRI follow a similar approach and in the relevant areas could be integrated in living labs

Supporting policy implementation: R&I in the Organic Action Plan



Organic Action Plan: 3 axes, 23 actions

Prime importance to research and innovation: 30% of the budget for R&I on agriculture, forestry and rural areas for topics specific to/relevant for the organic sector

R&I in organic farming key for several actions in the Action Plan (5, 7, 9, 14, 16, 18, 19, 20, 21):

- Plant protection/inputs
- Fraud
- Digital technologies
- Demonstration, advisory, knowledge exchange
- Short supply chains
- Animal nutrition
- Environmental and climate footprint
- Animal welfare



Some highlights on international cooperation



- European Commission joined AIM for Climate in December 2021.
- Joint initiative of UAE and USA launched at COP26. It seeks to address climate change and global hunger by uniting participants to significantly increase investment in climate-smart agriculture and food systems innovation over five years (2021-2025).
- Commission supporting International research consortia (IRC): soil and carbon in WP 2021; new phase for IRC Star-Idaz (animal health, established 2016) in WP 2022
- Mission A soil deal for Europe to have significant impact on international cooperation in the coming years



Forthcoming in 2022...

- Commission starting to work on a Communication on **innovation policy**. It will develop along the following issues: access to finance; legal framework; innovative talent; innovation ecosystem to get to scale up innovative ideas; innovation divide.
- Info day for the work programme 2022 of the mission “A soil deal for Europe” to take place in week starting 16th May
- Horizon Europe R&I days will take place in September 2022 – no date yet



Thank you

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