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A Soil Deal for Europe WP2021

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El contenido de esta presentación utiliza información proporcionada por la CE en eventos de promoción de Horizonte Europa, en el Infoday sobre misiones celebrado el 19/01/2022 <a href="https://ec.europa.eu/info/research-and-innovation/events/upcoming-events/horizon-europe-info-days/eu-missions_en_events/ho





Developing the mission





R&I days 2020

the Mission Board hands over its report "Caring for soil is caring for life"







September 2019

until September 2020

September 2020

until July 2021

29 Sept 2021

R&I days 2019

creation of the Mission Board and the Mission Assembly Soil health and food

Mission board develops its recommendation for a mission: more than 60 events to promote and co-create the mission

Commission services prepare the mission implementation plan

New MB!!

Official launch of the missions through a Commission Communication

A Soil Deal for Europe. Starting Point for WPs

European **Missions**



A Soil Deal for Europe

100 living labs and lighthouses to lead the transition towards healthy soils by 2030









Soil Deal for Europe



Create 100 living labs and lighthouses to lead the transition towards healthy soils by 2030.

- Protect and restore soils in Europe and beyond.
- Put <u>communities and stakeholders at the centre of the innovation</u> process to co-create knowledge and solutions in real-life conditions.
- Have to act together so that future generations inherit clean, productive and resilient <u>soils for food, people, nature and climate.</u>







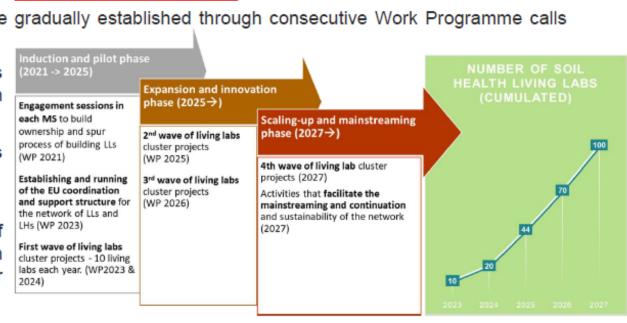
Creation of 100 Living Labs and Lighthouses

- Living labs are "real-life" places for experiments and innovation. Each living lab corresponds to a cluster of 10 - 20 sites (e.g. farms) working together at regional or sub-regional level.
- Lighthouses are individual places to showcase good practices.

The network of living labs will be gradually established through consecutive Work Programme calls

under Horizon Europe.

- Specific criteria for living labs are in place to ensure common approach.
- Engagement with stakeholders at regional level is essential to
 - create common understanding
 - ensure a balanced coverage of activities in rural and urban areas and across Member States.



A Soil Deal for Europe. **8 Specific Objectives**

1. Reduce desertification

2. Conserve soil organic carbon stocks

3. Stop **soil sealing** and increase re-use of **urban soils**

4. Reduce **soil pollution** and enhance **restoration**



5. Prevent **erosion**

6. Improve soil structure to enhance **soil biodiversity**

7. Reduce the **EU global** footprint on soils

8. Improve **soil literacy** in society







Indicators for Soil Health

Each specific objective is backed by **one or more quantified targets** and **measurable indicators**. Objectives apply to **all types of land use**.

- Presence of soil pollutants, excess nutrients and salts;
- Soil organic Carbon;
- Soil structure, absence of soil sealing and erosion;
- Soil Biodiversity;
- Soil nutrients and pH;
- Vegetation Cover;
- Landscape heterogeneity;
- Area of forest and other wooded lands







4 Building Blocks

Communication material, training curricula for different target groups and specialised "soil advisors"

4. Soil literacy, communication citizen engagement

1. R&I programme

Data, infrastructures and platforms; knowledge to support management practices, business models, technologies

Harmonised indicators, measuring and reporting of soil health in Europe; contribution to European Soil Observatory

3. Soil monitoring

2. Living labs and lighthouses

A network of real-life sites for testing, demonstrating and upscaling of solutions; due attention to balanced representation across regions

HORIZON-MISS-2021-SOIL-01

Topic: HORIZON-MISS-2021-SOIL-01-01

Preparing the ground for healthy soils: building capacities for

engagement, outreach and knowledge

Opening: 22 Jun 2021 - Deadline: 20 Oct 2021

Action: Coordination and Support Action - CSA

Budget: 5.00 mln EUR.









OPEN

HORIZON-MISS-2021-SOIL-02

Research and Innovation and other actions to support the implementation of a mission in the area of **Soil health and Food**.



Budget: 62.00 mln EUR

Opening: 22 Dec 2021



Deadline: 24 Mar 2022

Type of Actions: CSA & RIA







UNDER DISCUSSION

HORIZON-MISS-2022-SOIL-01

Research and Innovation and other actions to support the implementation of a mission in the area of **Soil health and Food**.



Budget: 95.00 mln EUR ???

Opening: 12 May 2022 ???



Deadline: 27 Sep 2022 ???

Type of Actions: RIAs, IAs & CSAs ???







EUR **162** Million for WP 2021-2022

Call	Budgets (EUR million)		Deadline(s)
	2021	2022	
HORIZON-MISS-2021-SOIL-01	5.00		20 Oct 2021
HORIZON-MISS-2021-SOIL-02	62.00		24 Mar 2022
HORIZON-MISS-2022-SOIL-01		95.00	27 Sep 2022
Overall indicative budget	67.00	95.00	







Induction and pilot phase NUMBER OF SOIL (2021 -> 2025)**HEALTH LIVING LABS Expansion and innovation** (CUMULATED) phase (2025→) Engagement sessions in each MS to build Scaling-up and mainstreaming ownership and spur phase $(2027 \rightarrow)$ 2nd wave of living labs process of building LLs cluster projects 4th wave of living lab cluster Establishing and running projects of the EU coordination 3rd wave of living labs cluster projects and support structure for Activities that facilitate the the network of LLs and mainstreaming and continuation and sustainability of the network First wave of living labs cluster projects - 10 living labs each year. 2023 1024 2025 2026 2027 **HORIZONTE** 2023 **EUROPA**

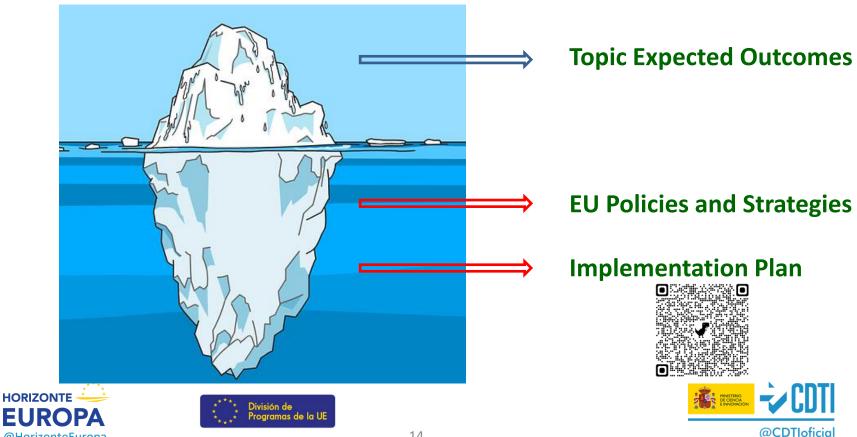


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Propuestas buenas Vs. Proyectos financiados





+ info sobre programas y ayudas para la internacionalización de la I+D+l española







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