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A Soil Deal for Europe WP 2022



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El contenido de esta presentación utiliza información proporcionada por la CE en eventos de promoción del programa Horizonte Europa, en el Infoday celebrado el 18/05/2022
https://ec.europa.eu/info/research-and-innovation/events/upcoming-events/horizon-europe-info-days/eu-missions_en

Advertencia

Esta presentación no sustituye la información proporcionada en los documentos y guías oficiales.





Developing the mission

Mission Board "Soil health and food"



September 2019

R&I days 2019

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

until September 2020

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

September 2020

until July 2021

Commission services prepare the **mission implementation plan**

New MB!!

29 Sept 2021

Official launch of the missions through a **Commission Communication**

A Soil Deal for Europe. Starting Point for WPs



Mission Board Report (2020)

Proposed Mission

Caring for soil is caring for life

**Ensure 75% of soils are healthy by 2030
for food, people, nature and climate**

Report of the Mission Board for Soil health and food

Independent
Expert
Report

European Missions

A Soil Deal for Europe

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



Implementation Plan



GOBIERNO
DE ESPAÑA

MINISTERIO
DE CIENCIA
E INNOVACIÓN



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

Creation of 100 **Living Labs** and Lighthouses

- **What?** user-centred, place-based and transdisciplinary R&I ecosystems, cluster of 10-20 sites per LL???
- **Sites?** Working landscapes: Farms, forest exploitations, protected areas, industrial sites, urban green areas.../...; urban or rural
- **Who?** Multiple partners: land managers, scientists, others
- **Doing what?** systemic research and codesign, testing, monitoring and evaluation of solutions, in real-life settings, to improve their effectiveness for soil health and accelerate adoption???
- **TRL?** 3 - 5??? Research and Innovation Actions
- **Where?** experiments on several sites; regional or sub-regional;

Creation of 100 Living Labs and Lighthouses

Induction and pilot phase
(2021 → 2025)

Engagement sessions in each MS to build ownership and spur process of building LLs (WP 2021)

Establishing and running of the EU coordination and support structure for the network of LLs and LHs (WP 2023)

First wave of living labs cluster projects - 10 living labs each year. (WP2023 & 2024)

Expansion and innovation phase (2025 →)

2nd wave of living labs cluster projects (WP 2025)

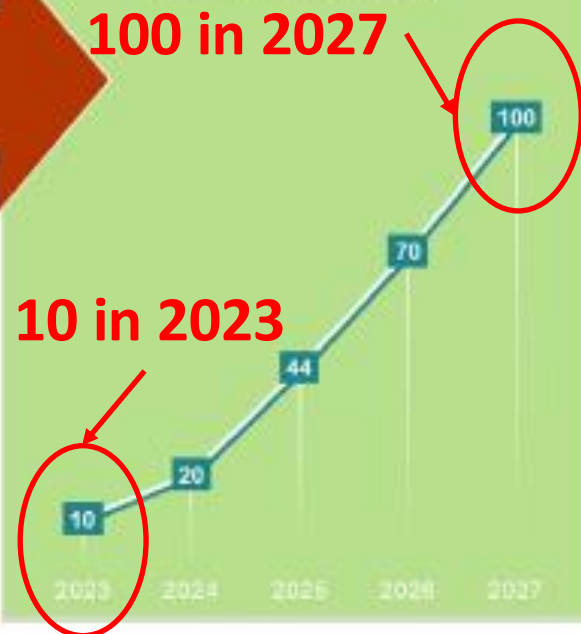
3rd wave of living labs cluster projects (WP 2026)

Scaling-up and mainstreaming phase (2027 →)

4th wave of living lab cluster projects (2027)

Activities that facilitate the mainstreaming and continuation and sustainability of the network (2027)

NUMBER OF SOIL HEALTH LIVING LABS (CUMULATED)



Creation of 100 Living Labs and Lighthouses

- **What?** places for demonstration of solutions, training and communication that are exemplary in their performance in terms of soil health improvement???. Natural evolution of LLs???
- **Who?** Multiple partners: land managers, scientists, others
- **Doing what?** Demonstrate solutions; Showcase good practices;??
- **TRL?** 6 - 8??? Innovation Actions
- **Where?** Local sites; included in a LL or outside a LL???

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**

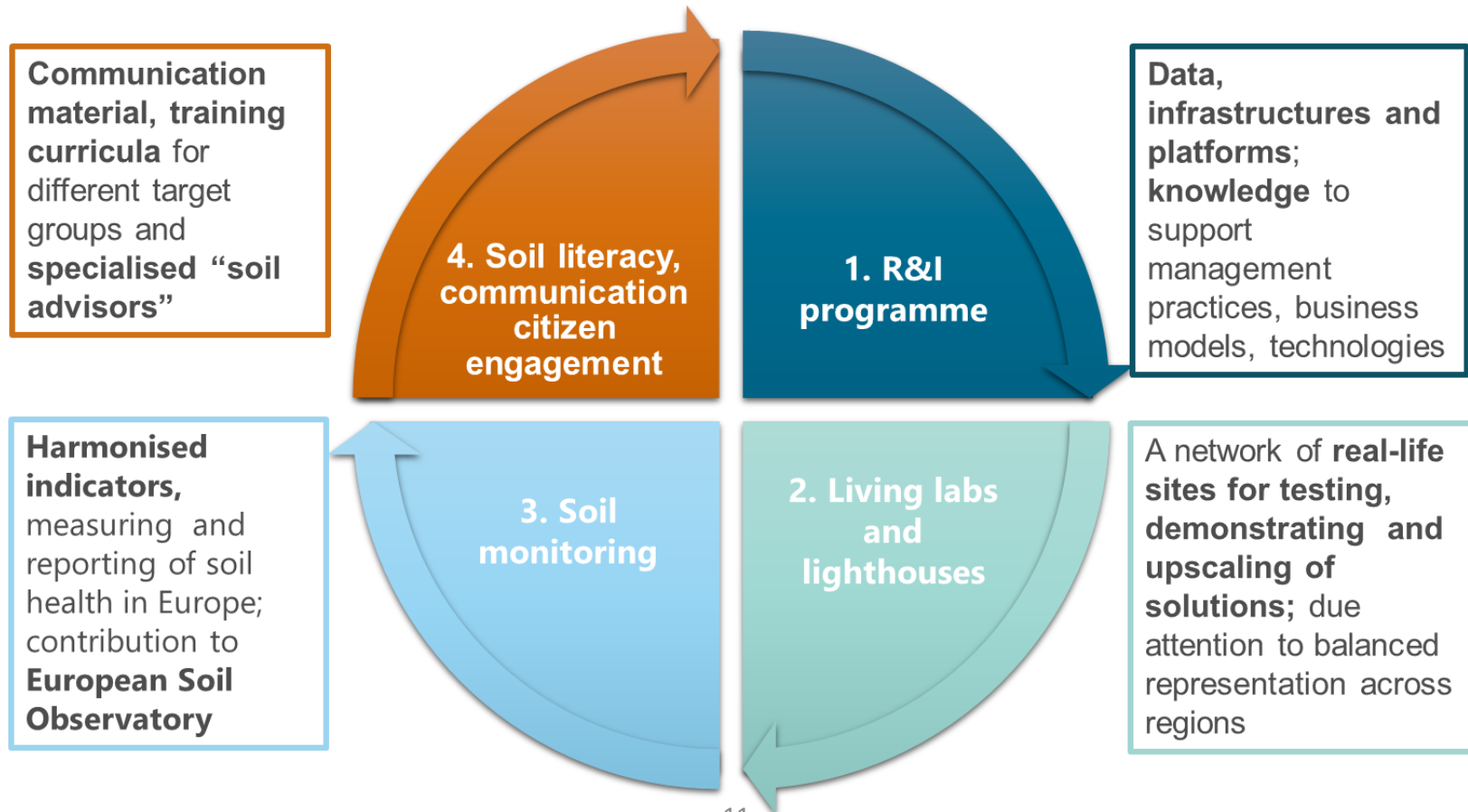
8. Improve **soil literacy** in society

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



A Soil Deal for Europe. R&I Programme Timeline

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.

A Soil Deal for Europe. R&I Programme Timeline

Results: mid-June

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

A Soil Deal for Europe. R&I Programme Timeline

OPEN

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:

6 RIAs, 2 IAs, 1CSA, 1 FPA

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	

A Soil Deal for Europe. R&I Programme Timeline

HORIZON-MISS-2023-SOIL-01

**Under
discussion!**

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



Budget:

142.00 mln EUR ???



Opening:

17 Jan 2023 ???

Deadline:

20 Sep 2023 ???

Type of Actions:

RIAs (LLs), IAs & CSAs

Joint calls (Oceans & Climate)

Creation of 100 **Living Labs** and Lighthouses

Topic in WP 2023. Each project:

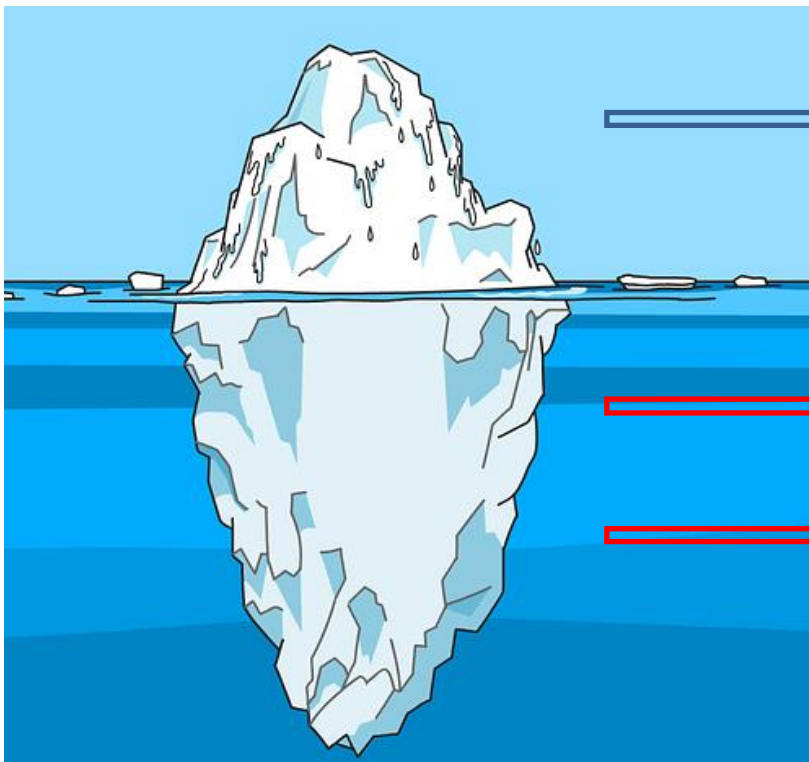
- **XX M€ per project; 3 LLs per project**
- **Work on?** soil health challenge(s); land type(s); Mission's specific objective(s); (bottom-up and/or carbon farming)???
- **Who?** land owners and managers, farmers, foresters, advisors, scientists, consumers, NGOs, industries, public authorities, municipalities, others (minimum three countries)???
- **10 – 20 sites per LL???** (exceptionally may be fewer)???
- **30 – 60 sites per project???** **Financial support to third parties??**

Sesiones informativas por países

Acronym	Type	Scope	Lead Entity	Contact Details
Acronym	Large Territorial; Experimental Sites; Operational Groups;	Agroecology; Crops; Forestry; Food; Urban; Livestock; .../ ...	SMEs; Large Industry; RTOs; Cooperatives;	Email; webpage



Propuestas buenas Vs. Proyectos financiados



Topic Expected Outcomes

EU Policies and Strategies

Implementation Plan





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



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