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**Missão Solo
Laboratórios Vivos - o Conceito, os Objetivos e a visão do Mission Board**

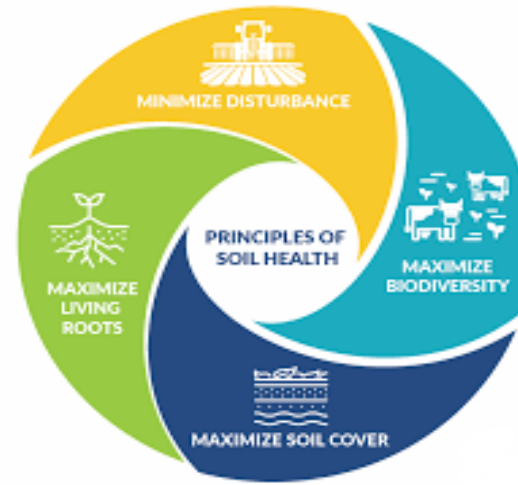
**Living Labs da Missão Solo do Horizonte Europa: implementação em Portugal
Coimbra, 15 Maio 2024**

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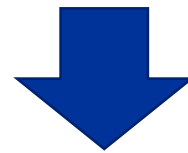


Why focus on Living LABs?

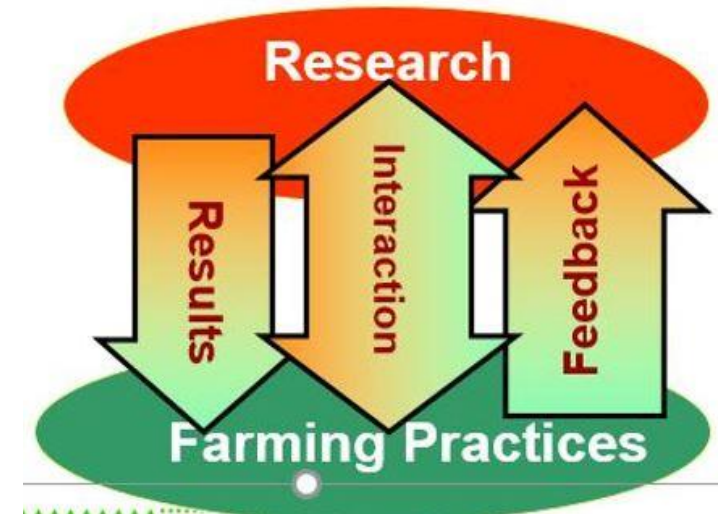
Cross-fertilisation is key for tackling complex challenges & developing opportunities for innovation



Living labs are open innovation arrangements

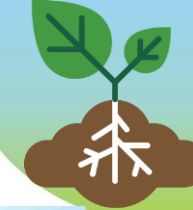


require long term investment





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The importance of the local / regional context:

SOIL health depends on land use management
SOIL needs are stakeholder and location specific



The importance of the socio-economic & cultural factors:

Soil health change depends on people

Individual decisions »» adaptive business models;

Social capital »» entrepreneurship, integrative business models, business communities, SMEs, investors, entrepreneurs;

CHANGE requires

empowerment of communities & meaningful long-term engagement » trust



LIVING LABs

3 core principles



User-centred innovation

Activities focus on the users' needs and users are involved throughout the development process



Working in partnership

Experts from various disciplines and backgrounds tackle a common issue

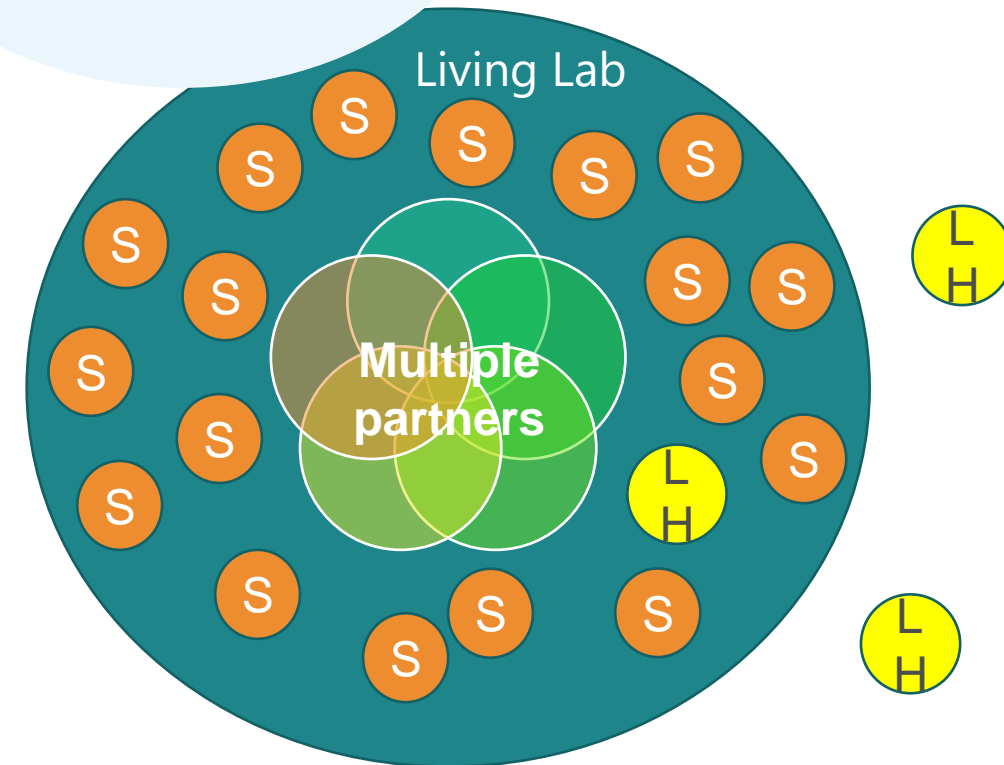


Real-life context

Testing takes place where the users would actually use the technology or practice



partners and construction adapted to each regional context





Soil Mission Board' view on Living Labs topics in Horizon Europe

Aim of the document

With this document, the members of the Mission Board for Soil Deal for Europe, aim at sharing an analytic framework of the features and expected outcomes of soil health living labs (LLs) expected to be implemented under Horizon Europe.

»» outcome of the Mission Board working group on Living Labs, issued September 2023



Success Factors (SF) to reach the 2030 targets of the Soil Mission:

- SF1: Building awareness and engagement of the society **connecting people with soils**.
- SF2: Co-creating activities and exchanging practices with **as many land users and related actors** as possible to drive **collective experimentation and co-ownership** of solutions and results and build **trust**.
- SF3: **Adequate policy frameworks**, involving policy-makers and governance authorities including private businesses or influential associations as co-design actors.
- SF4: Taking in consideration how **land use is related with social, cultural, and economic needs** and **local contexts** paying attention to existing structures and values to understand drivers and barriers.
- SF5: **Economic models fit to circular and solidary economies** and the involvement of the actors from the wide value chain.
- SF6: **Networking activities at local, regional, national and global scales** to ensure concerns regarding different land uses and up-scaling can be considered.



The unique features that might be expected on LL aiming at **improving soil health**

In light of the success factors, the Mission Board believes that **Soil Health Living Labs could have the following characteristics**, in addition the usual features of LLs:

- **Aim:** LLs should contribute to **at least one of the eight specific objectives** of the Mission and/or other soil health challenges. It should consider the **local context**.
LLs should seek to improve soil health **without moving problems elsewhere or generating negative impacts in other spheres**.
- **Participants:** The participants should include **land managers, academics** coming from **different disciplines** (including those not directly concerned by soil), **industry** representatives as well as a **mixture of public and private body representatives** in particular those involved in local policy making and governance. The involvement of **citizens** should also be foreseen.
- **Activities:** On top of activities usually developed in LLs, special attention should be put on **services to extend the social, economic and environmental outcomes and impacts** and contribute to **soil literacy**.
- **Ambition:** Improvement of European soil health as regard to the challenges and 2030 targets clearly presented and the **soil health challenge(s)** clearly identified.



Methodology should include:

- * **rationale** and common denominator behind the gathering of the different sites
- **robustness of the approach** to carry research in real-life settings
- conditions for a meaningful **long-term engagement** of a diverse range of stakeholders: roles, interests and activities adjusted to each other, and described.
- methodologies and approaches to be implemented should be oriented to **producing tangible results**.
- strategies for **empowerment of the communities** and the way to upscale the practices, results or advances.
- way to **assess the progress** regarding the improvement of soil health as well as the evolution of the practices » baseline assessment, monitoring and indicators
- planning of **uptaking and sharing of knowledge** activities (from site to site, country to country, at the network level, etc)

Soil Mission Board' view on Living Labs topics in
Horizon Europe

Impact

social entrepreneurship & business models

soil health improvements

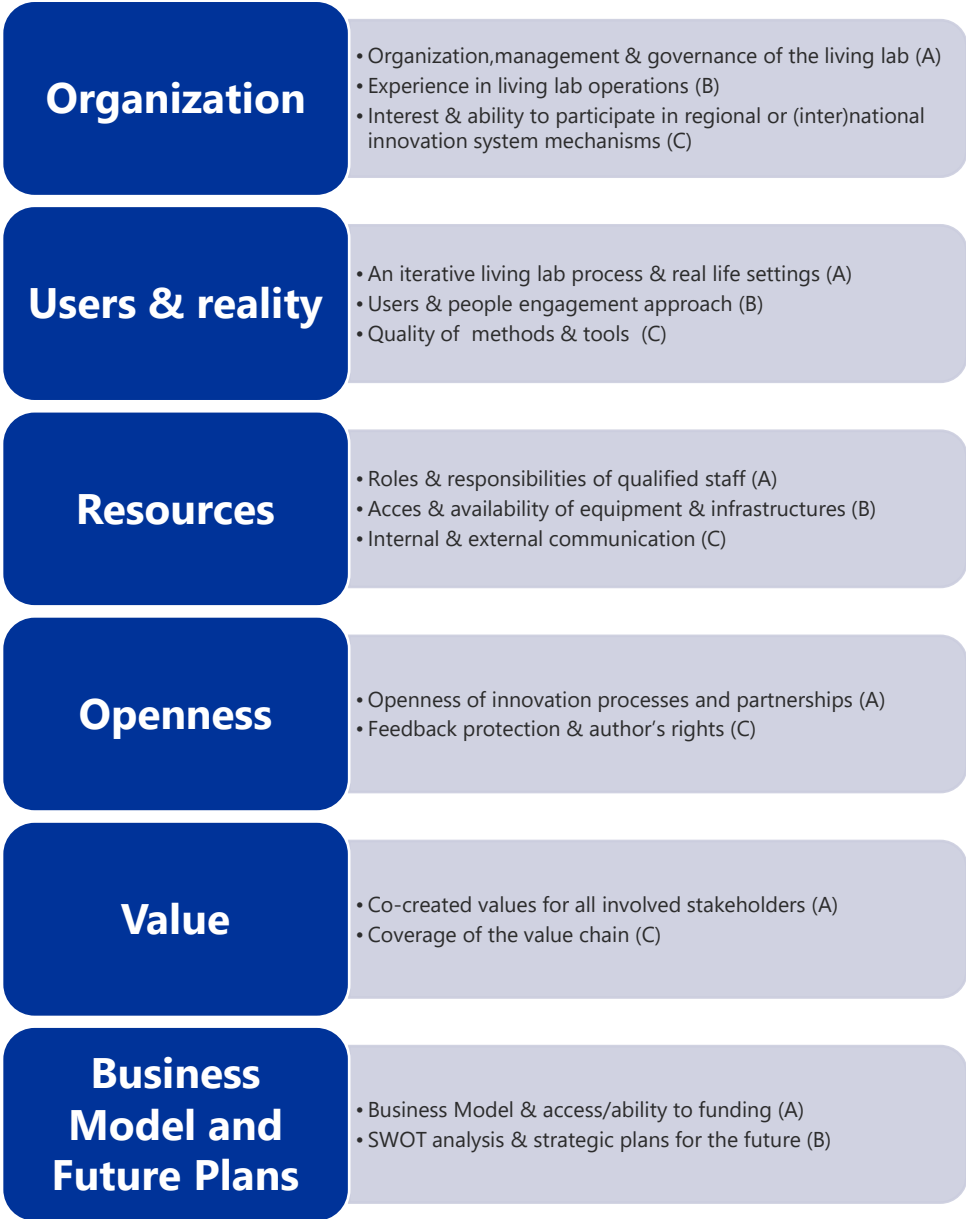
empowerment of communities

soil literacy in society

contribution to other societal challenges



European Network of Living Labs



*An application to ENOLL certification
Is demanding and
provides in-depth insight into the
several dimensions
of a successful Living Lab*





and also:

A **Working Group** on the coordination between projects and initiatives across scales

SYNERGIES

A STRONG ASSET and SUCCESS of the Soil Mission

- »» multiple projects combining multiple funds at nested scales
- »» local and national projects inspired by Soil Mission objectives and dynamics

STRATEGY to increase IMPACT:

Project synergies + project clustering »» **enhance EFFICIENCY**

Avoid duplication of work + Stimulate complementarity »» **strengthen new KNOWLEDGE creation**

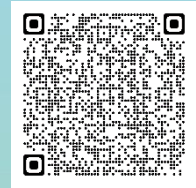
Clarification of concepts »» common language, **deeper understanding**, and higher societal resonance

Acknowledging the local context is crucial » » but **avoid duplication** leading to stakeholder confusion and fatigue



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