International Forum on Agroecosystem Living Labs

Theme 1 Promoting innovation through living labs

Agroecology Virtual Research Environment as an example of collaboration between Living Labs and Research Infrastructures to foster agroecology transition

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LifeWatch ERIC







LifeWatch ERIC is a European Research Infrastructure
Consortium that provides digital tools to researchers,
policy-makers, companies and citizens in order to address
major environmental challenges and support strategic
knowledge-based solutions, based on the study of
biodiversity and ecosystems, for the preservation of life and
the environment



















5 Workflows



Training resources

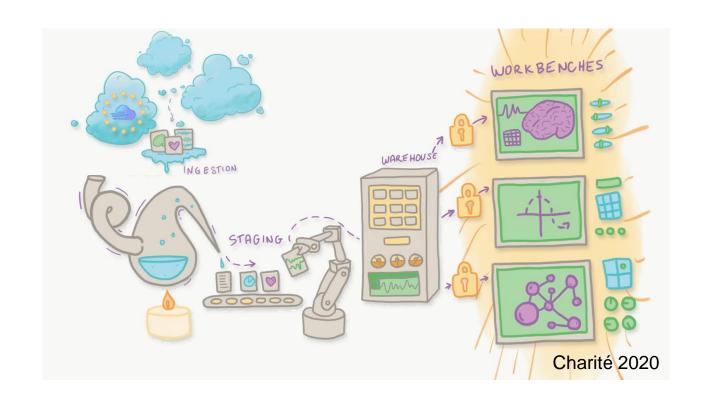






Virtual Research Environment

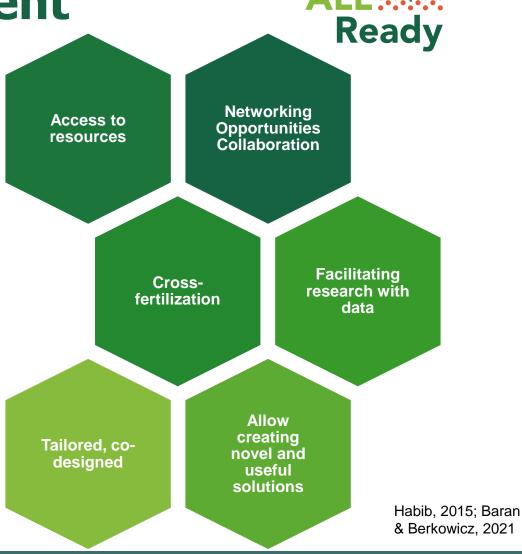
A Virtual Research Environment is a web-based workspace providing seamless access to all services a datauser needs to do data-related work and **collaborate** with the community to create **new knowledge**. A VRE facilitates working with data in a more efficient way and **improves collaboration** between different users (LLs, RIs, end-users, policy-makers, citizens, etc.).





Virtual Research Environment to enhance collaboration

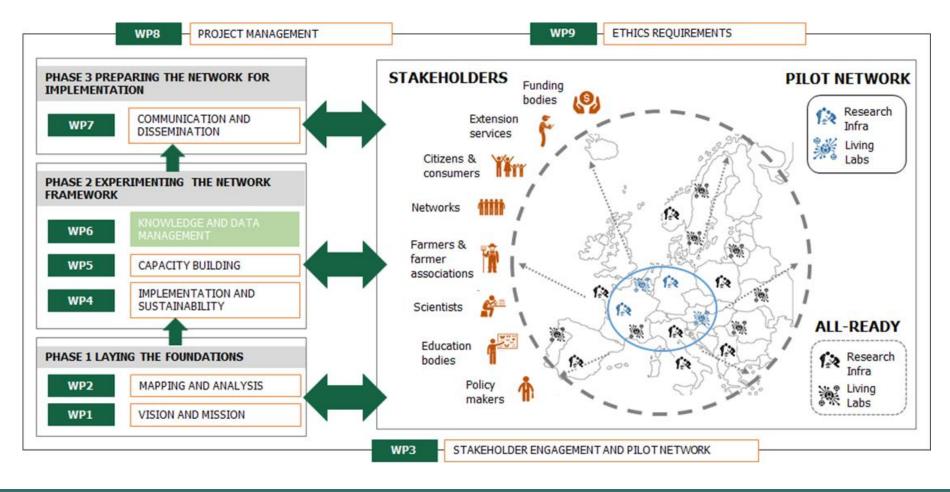






ALL-READY: A European Project preparing the Partnership on Agroecology Living Labs and Research Infrastructures



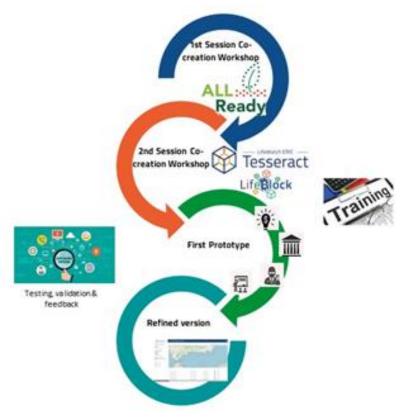






Using a co-design methodology

- ➤ Identification of LLs and RIs needs that can be covered by the Agroecology VRE
- ➤ Definition and prioritisation of functionalities for the first version of the Agroecology VRE
- Contribution to the validation and evaluation of the Agroecology VRE
- Provision of **feedback** and contribution to a revised version

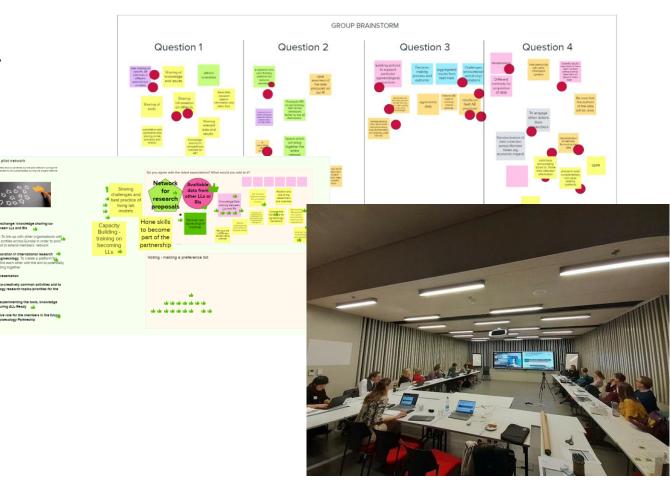






Using a co-design methodology

- Online sessions
- Face-to-face trainings
- Update meetings



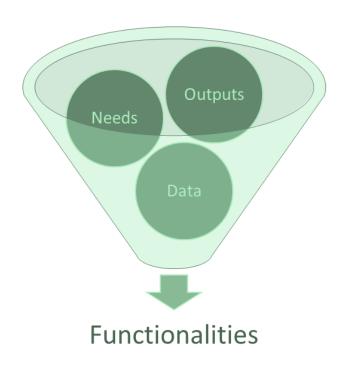






Proposed functionalities

- Collaboration
- Networking
- Sharing knowledge
- Communication







Dashboard

This page includes the tips and guide to use the platform, community events, collaboration status, messaging chat messages, matches and new members.

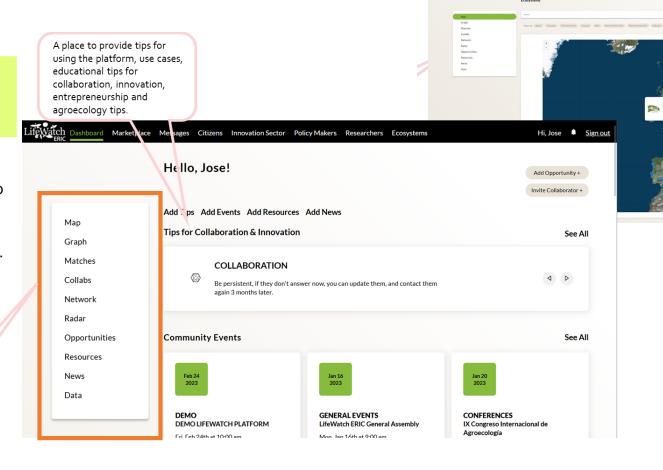
Communication

Collaboration

Networking

Sharing knowledge

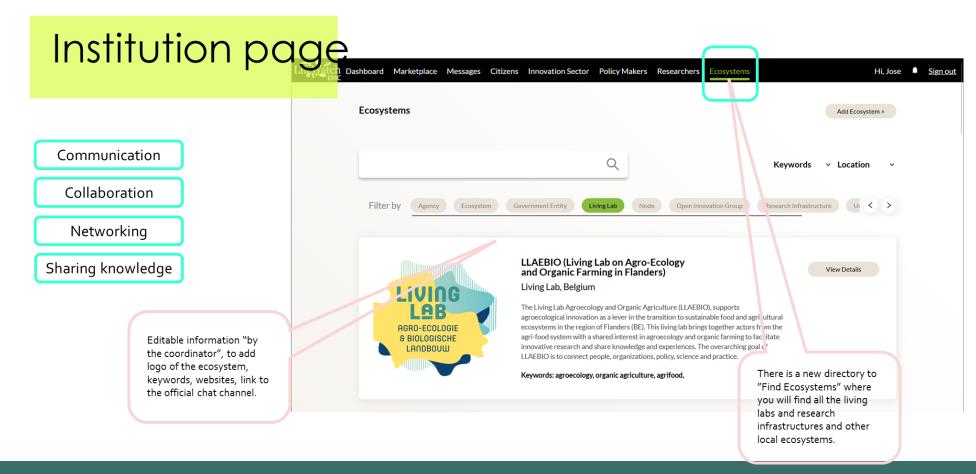
New features















Marketplace

This is a search engine optimization with elastic search technology where public funding, innovation programs, public procurement, challenges, erasmus+, and horizon europe programs are aggregated. Every member can add their own research results, services, technology, research projects, challenges, needs, or looking for consortium partners, etc.

Collaboration

Sharing knowledge

Communication

ALL: My Dashboard Marketplace Messaging	Researchers Policy makers Innovation sector Citizens Hi Jara! Sign
Marketplace	
Search for Opportunities	☐ Date Ecosystems ∨ Keywords ∨ Location ∨
Filter by Category I Category II	Category IV Category V
Challenge / type	Challenge / type 22-04-2022 opportunity > by Community Manager
TITLE OPPORTUNITY / FUNDING	TITLE OPPORTUNITY / FUNDING
Innovation is bringing value through creativity. So, it's when you make it happen is when you make impact and rbing value. / text description of the course	Innovation is bringing value through creativity. So, it's when you make it happen is when you make impact and rbing value. / text description of the course
Keywords: Innovation management, Research management View Details	Keywords: Innovation management, Research management View Details
Challenge / type 22-04-2022 opportunity > by Community Manager	Challenge / type 22-04-2022 opportunity > by Community Manager
TITLE OPPORTUNITY / FUNDING	TITLE OPPORTUNITY / FUNDING
Innovation is bringing value through creativity. So, it's	Innovation is bringing value through creativity. So, it's





Match

Match Institutions-People-Resources-Needs-Opportunities:

Keywords, metadata and descriptions will allow matching all the elements in the platform with your expertise and needs

Communication

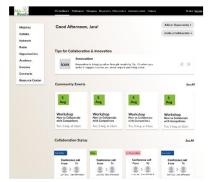
Collaboration

Networking

Sharing knowledge











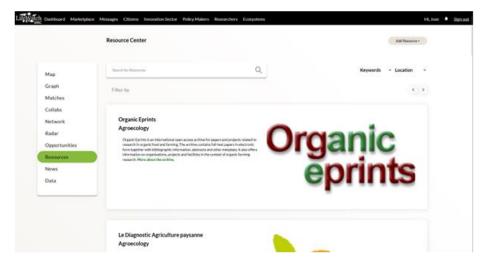


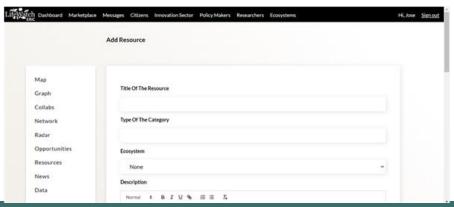


Repository

Common space to share resources with clear information needed to quickly make a decision to connect to collaborate.

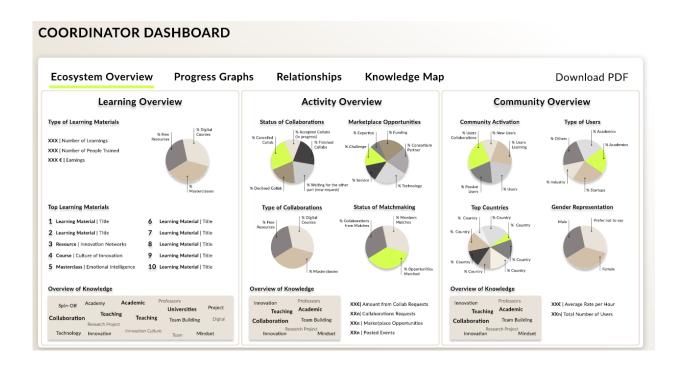
Sharing knowledge











Results under study. But we specifically we expect:

Increased internal collaboration

Increase external collaboration

More documents exchanged

Reduce the time to solve problems





What is next?

- Upscale the Agroecology VRE for the future EU Network of Agroecology Living Labs and Research Infrastructures
- Include new functionalities in the Agroecology VRE:
 - Monitoring and evaluation workflows
 - Gathering, processing and integration of datasets
 - Visualization of best practices
 - Decision-making tools
 - Modeling and simulation tools
 - AI applications
 - Blockchain
 - •







Take-home message

- Innovative and co-designed VREs can play a crucial role in advancing the agroecology transition by promoting collaboration between Agroecology Living Labs and Research Infrastructures
- This interaction can create opportunities for capacity building, knowledge sharing, and networking among users, such as researchers, farmers, civil society, and policymakers.
- The next versions of the Agroecology VRE will provide evidence-based solutions to farmers, policymakers and consumers based on data-intensive research.







Thanks

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