

SCALING FOR IMPACT: THE ROLE OF LIVING LABS WORKSHOP

Date: February 14, 2023
9:00 AM-1:30 PM

Location: Tecnoincubadora Marie Curie. C. Leonardo da Vinci,
18, planta 4a, mód. 3, 41092 Sevilla, España. [Link](#).

[Registration here](#)

Innovation for the ecological transition

Decarbonising the economy requires a huge leap forward in innovation. However, while innovation continues at an unprecedented pace, innovations often require deeper and more effective validation and involve the participation of all stakeholders, primarily the participation of end-users.

As a solution to this problem, the Living Lab concept emerged in the late 1990s to address the design, development, testing and improvement of innovations in real-world contexts based on user-centred research methods. The result is that end-users are involved in a process of co-creation in real-life conditions. Today, Living Labs have evolved into a more robust research approach, linking different disciplines to respond to the challenges of industrial sectors and the economy.

However, there is still a long way to go to create Living Labs adapted to the requirements of the ecological transition. This process of transversal transformation of the economy requires innovations that prioritise the reduction of environmental and social impact, economic impact and the protection of consumer interests. Similarly, existing Living Labs also need to rethink their value proposition in the new innovative environment.

In this context, university campuses are positioned as real environments to study initiatives, develop them and validate them as innovations for the market. In these environments, university technology transfer and innovation departments can see in participation in Living Labs an opportunity to establish new research relationships in the context of open innovation in order to advance technological, social and regulatory innovation that will enable new products and services with robust business models to enter the market.

What is Tr@nsnet?

Tr@nsnet is a transnational cooperation project co-financed by the Interreg Sudoe V-B programme (2014-2020) with ERDF funds. 8 partners from France, Spain and Portugal, working together to design a University Living Lab model focused on the ecological transition.

5 of the project partners have university campuses that can be seen as "small cities" where all technological networks (mobility, energy, data, water...) are represented. The campuses are the perfect ecosystem to bring together this public-private-people partnership to experiment and test new research demonstrators.

Due to the constant dialogue with end-users, there is better user ownership, and development cycles can be reduced, as well as risks. The design of a generic and transferable Living Lab model will allow other institutions to jump on the open innovation bandwagon and use it as a means to develop more efficient innovations.

Tr@nsnet is transforming campuses into knowledge showcases and tools for innovation in the field of ecological transition. It is doing so by testing the efficiency of a 2.0 water filter, involving users in reducing their energy consumption, recycling batteries for solar energy storage and developing smart lighting that it applies in Living Labs.

A Living Lab model to accelerate the ecological Transition

From a model of innovation focused on technological aspects, we are moving towards new environments based on collaboration between academia, the private sector and industry, government and the direct participation of society as a whole to establish scenarios conducive to innovation and economic development. Undoubtedly, a decisive contribution to an innovation process characterised by digitalisation, the advanced use of data, the integration of regulatory innovation as an indispensable element that will undoubtedly make a decisive contribution to responding to the social and environmental challenges of the ecological transition. However, the implementation of any Living Lab is not without its challenges and aspects to be taken into account.

With the aim of overcoming all these issues, the Tr@nsNet project proposes, as the main result of a three-year research, a Living Lab model that promotes the integration of technological, social and regulatory innovation necessary to face the challenges towards the achievement of a decarbonised and sustainable economy. This proposal seeks to support the quadruple helix model promoted by the European Network of Living Labs (ENoLL) to help improve the value proposition of Living Labs and the innovations validated in these open innovation environments. The proposed model integrates five tools that make it possible to generate new innovation systems based on collaboration between different ecosystems made up of territorial communities, projects and technology developers, but with a focus on global positive social and environmental impact.

Workshop: "Scaling for Impact: The role of Living Labs"

Within the framework of Tr@nsNet and with the aim of presenting the Living Lab model proposed by this project, the Workshop "Scaling for Impact: The role of Living Labs" will

be held in Seville. The event will be attended by the President of ENoLL and experts from the innovation sector. Representatives from Living Labs in the Sudoe region will talk about their experiences and the competitive advantage of ENoLL certification.

Agenda

- 9 AM Registration
- 9:30 AM Welcome and presentation
- **Marie-Pierre Gleizes**, Coordinator of Tr@nsnet Project
 - **Joan Batalla**, Director General of Funseam
- 9:45 AM “A Living Lab model to accelerate the ecological transition”
- **Tr@nsnet Living Lab Model**, Manuel Villa-Arrieta, Funseam
 - **Governance Models for Living Labs**, Fernando Vilariño, CVC-UAB
 - **Collaboratories: Universal innovation systems for climate change and energy transition**, Artur Serra, I2Cat
 - **From innovation to positive impact**, Francisco Palao, Purpose Alliance
- 11:00 AM Coffee Break
- 11:30 AM Conference: “Scaling for impact: the role of living labs”
- **Evdokimos Konstantinidis**, President of the ENoLL Executive Board
 - **Artur Serra**, Deputy Director - i2CAT Foundation
 - **Fernando Vilariño**, CVC-UAB
- 12:15 AM Roundtable: Living Labs experiences in the SUDOE region
- **Earth Observation & Living Labs (France)**, Quentin Chibaudel, User experience designer
 - **Normandy Living Lab (France)**, Benjamin Cheret, Head of European projects
 - **Endesa Smartcity Living Lab Málaga**, Javier Leiva, Innovation Enel Grids - Sustainable Network Design & Resilience
 - **Chairman:** Guillermo del Campo, UPM
- 13:15 PM Conclusions
- Joan Batalla**, Director General of Funseam
- 1:30 PM End