



# ENoLL

Living Lab Community

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**Members Catalogue**







## **European Network of Living Labs Living Lab Community**

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The international, non-profit, independent  
association of benchmarked Living Labs.



This publication is a product of the  
**European Network of Living Labs (ENoLL)**

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ENoLL Members

First edition



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## Foreword Chair

Networking is a process of building relationships, and the strongest relationships are built over time. This is what ENoLL has been doing over the 15 years of its life. Creating an open, trustful, innovative, and transparent environment for our over 500 historically labelled members. In our Network, each member creates value for the Network while the Network creates value for each one of the members.

Our expanding Network is formed as a distributed innovation ecosystem. Each of our members is well connected with the stakeholders of the local community as well as with the other Living Labs of the network. This facilitates a lot the bottom-up flow of knowledge and information to the Network and enables the formation and top-down flow of policies and best practices. The certification process in place guarantees that our members meet the criteria of Living Labs, ensuring the quality of services and procedures.

ENoLL has as a strategic objective to create new value, visibility and opportunities for our Network, becoming the main actor for Living Labs worldwide by fostering international collaborations. To this end, our network is composed of more than 20% from Living Labs worldwide, beyond Europe. A Network that is expanding is a healthy Network with value for its members. And this is what our Network is! Empower everyone to innovate!

*Evdokimos Konstantinidis*





## Foreword Director

Dear Reader,

It is my greatest pleasure to welcome you to read our first ENoLL Members' Catalogue 2022.

This Catalogue showcases more than one hundred Living Labs around the globe aiming to empower people to innovate. All Living Labs presented here are part of our Network, they introduce their areas of expertise and main fields of work.

The diversity and interdisciplinarity of our Living Labs together with their commitment for open innovation, knowledge exchange, collaborative work, and social responsibility build our main strengths as a Network.

I invite you to navigate throughout this Catalogue and find potential allies for your future work. If you are a Living Lab or an organization who wants to join our Network you are welcome to become part of an international community of Living Labs that cooperate on research, projects, sustainability and more. The Network is here to support the process of networking, knowing each other and cooperate, while advocating globally for the Living Lab approach.

We are very proud of our Members and ENoLL's steady growth, as the power of the Network is the Network itself!

*Martina Desole*







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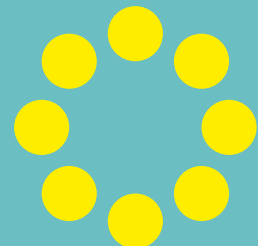
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ENoLL  
Members



# 01

.....

## What is ENoLL



The European Network of Living Labs (ENoLL) is the international, non-profit, independent association of benchmarked Living Labs.

Living Labs are real-life test and experimentation environments that foster co-creation and open innovation among the main actors of the **Quadruple Helix Model**, namely:

- Citizens;
- Government;
- Industry;
- Academia.

ENoLL facilitates knowledge exchange among its members and externals. It creates joint actions and project partnerships between its 160+ active members.

*“ENoLL has historically labelled 500+ members in Europe and worldwide”*



Its aim is to promote the Living Labs concept in order to influence EU policies, enhance Living Labs and enable their implementation at a global level.

ENoLL is integrated of three main groups:

- ENoLL Council;
- ENoLL Office;
- ENoLL Members.

### **ENoLL Council**

The ENoLL Council or Executive Board is comprising of at least three and maximum twenty-one members who are appointed with a simple majority by the General Assembly. The General Assembly meets every year, under the chairmanship of the Chairman of the Executive Board.

The ENoLL Council is led by a Chairman with the support of the Vice-Chair, Treasurer and Secretariat.

### **ENoLL Office**

The role of ENoLL Office is to implement decisions passed by the General Assembly and run day-to-day operations of the Network.

In 2022, the ENoLL Office is located at:

*Av. des Arts 6, 1210 Saint-Josse-ten-Noode  
Brussels, Belgium*



# 02

.....

## What is a Living Lab

Living Labs (LLs) are open innovation ecosystems in real-life environments using iterative feedback processes throughout a lifecycle of an innovation.

Living Labs focus on co-creation, rapid prototyping & testing and scaling-up innovations & businesses, providing different types of joint-value to the involved stakeholders.

A Living Lab can be initiated and hosted in a university, city, research institute, municipality, or any space where the user is placed at the center of the co-creation process.





In this context, Living Labs operate as intermediaries/orchestrators among citizens, government, industry and research also known as the Quadruple Helix Model.

In this catalogue, ENoLL displays hundreds of Living Labs working in different countries that work with a wide range of topics and have broad expertise.





# 03

## Action Oriented Task Forces

ENoLL is organized in 5 Action Oriented Task Forces and 5 working groups working on topics most relevant for the Living Lab community. Both are open to members and externals who are interested in working with others in a specific domain. These groups are:

- **Agriculture & Agri-food:** this working group strives to improve networking, boost connections in the sector and enhance the activities the labs are involved in by disseminating them among the members. The group welcomes all Living Labs in agriculture and similar sectors as well as organizations which aim to become a Living Lab in the future, to join our Network and meet the members of our ecosystem.
- **Culture & co-creativity:** this working group aims to position Culture and Co-Creativity Living Labs as drivers for the co-creation of products and services with other sectors.
- **Digital Sustainability:** the objective of this working group is to mobilize Living Labs around a calling question: What does it take for a Living Lab to become green and digital (and/or through digitization).
- **Energy & Environment:** the aim of this task force is to generate a global movement toward a more sustainable society to solve complex challenges related to energy & environment.
- **Health & Well Being:** the mission of this task force is to activate and boost a collaborative ecosystem among Living Labs interested in the domains of Health and Well Being, giving visibility of their added value at European and international level and attracting key actors within the public and private sector.
- **Mobility:** in this working group we transfer knowledge and create added value for mobility Living Labs about policy frameworks, harmonization, scalability & sustainability. A common understanding of Mobility Living Labs is the basis for organizing focused discussions & Cross-Living Lab activities and for developing a joint position at EU level.
- **Regulatory Learning:** this working group likes to explore how addressing regulatory implications of Living Lab projects can be framed as an opportunity to increase trust and knowledge between innovators and regulators, and to collect evidence for better regulation of innovation.



- **Rural Living Labs:** the objective of this task force is to consolidate a critical mass of stakeholders around strategic projects on the topic rural Living Labs in order to facilitate a systemic transition to a sustainable innovation ecosystem by jointly tackling the main challenges of rural areas.
- **Social Impact of AI:** this task force is aiming at providing a practical approach to the questions related to the social transformations associated with the development of the Artificial Intelligence, in the general framework of digital transformation.
- **Social Innovation & Digital Rights:** this task force is exploring how social innovation through Living Labs can help address societal challenges through concrete actions and by providing access for wider societies and communities to social innovation ecosystems.
- **Joint Working Group with the European Commission on Digital sustainability, including Zero pollution:** the overall objective of the JWG is to define a set of recommendations that will be available by the end of 2022, together with a list of KPIs to assess their efficiency/effectiveness to help local and regional authorities to achieve a climate and environment-friendly use of digital solutions to accelerate zero pollution efforts. By raising the cities' awareness of the opportunity of using Living Labs to become green and digital, with a particular focus on citizen engagement, the Zero Pollution objectives will be more easily achieved.

To subscribe to any AOTF & WG you can click here: <https://bit.ly/AOTFsignup>



Or scan the following QR



# 04

## ENoLL Members

### Types of memberships

ENoLL has 3 types of memberships:

- Effective Membership;
- Adherent Membership;
- Innovation Partnership.

All members go through a process of certification. All Living Labs that apply to the association should demonstrate a level of maturity to become Adherent Members. If an organization meets all the requirements but is not mature enough, it will be invited to join as Accepted to Grow Member. After a year, the Accepted to Grow Member can apply again for an Adherent Membership. Living Labs that meet all the requirements will be accepted as Adherent Members and can apply to become Effective Members.

#### Effective Membership

Effective members have voting rights in the organization and give strategic directions to the ENoLL association. Only approved Living Labs can become Effective Members. Effective Members have the following rights:

- Full rights to act, represent and vote at ENoLL;
- They can submit candidatures for the ENoLL elected bodies: Council: Chair, Vice-Chairs, Treasurer, Secretariat;
- Chairs for Working Groups;
- Chairs Thematic Groups.

Effective members are also part of the General Assembly. The General Assembly has all powers to lead the association.

#### Adherent Membership

Adherent Members are organizations that represent a Living Lab, which was duly selected according to the ENoLL selection process. During this selection process, Adherent Member applicants provide ENoLL with a motivated application as a Living Lab. If the organization meets the criteria set by the ENoLL association, Adherent Membership is granted to the applying organization. After 3 years a mandatory re-evaluation is needed to stay ENoLL's member.



These members are included in the ENoLL communication channels and have the right to be present and participate in the ENoLL activities.

These activities – only open to ENoLL members are:

- General Assembly twice a year;
- Working Groups;
- Thematic Groups.

### **Accepted to Grow Members**

Accepted to grow members are organizations that represent a Living Lab, which were duly selected according to the ENoLL selection process. During this selection process, Accepted to Grow Member applicants provide ENoLL with a motivated application as a Living Lab. If the organization is not mature enough to be acknowledged as an Adherent Member but has a solid base to start from it will be accepted to grow. This means they will be mandatory linked to the Capacity Building program of ENoLL and they'll be re-evaluated after 1 year.

These members are included in the ENoLL communication channels and have the right to be present and participate in the ENoLL activities.

These activities – only open to ENoLL members are:

- General Assembly twice a year;
- Working Groups;
- Thematic Groups.

### **Innovation Partners**

Innovation Partners are not Living Labs themselves, but are dedicated to support and develop the Living Lab community. They are companies, universities, cities & departments among others. Innovation Partners get full rights to act and represent ENoLL. They can submit candidatures for the ENoLL elected bodies (and have voting rights if elected):

- Council: Chair, Vice-Chairs, Treasurer, Secretariat;
- Chairs for Working Groups;
- Chairs Thematic Groups.



## ENoLL Members map

### 151 Active Members

From 35 countries

From 5 continents

### 19 Effective Members

From 10 European countries

### 1 Innovation Partner

From Europe

### 127 Adherent Members

From 30 countries

### 127 Accepted to Grow

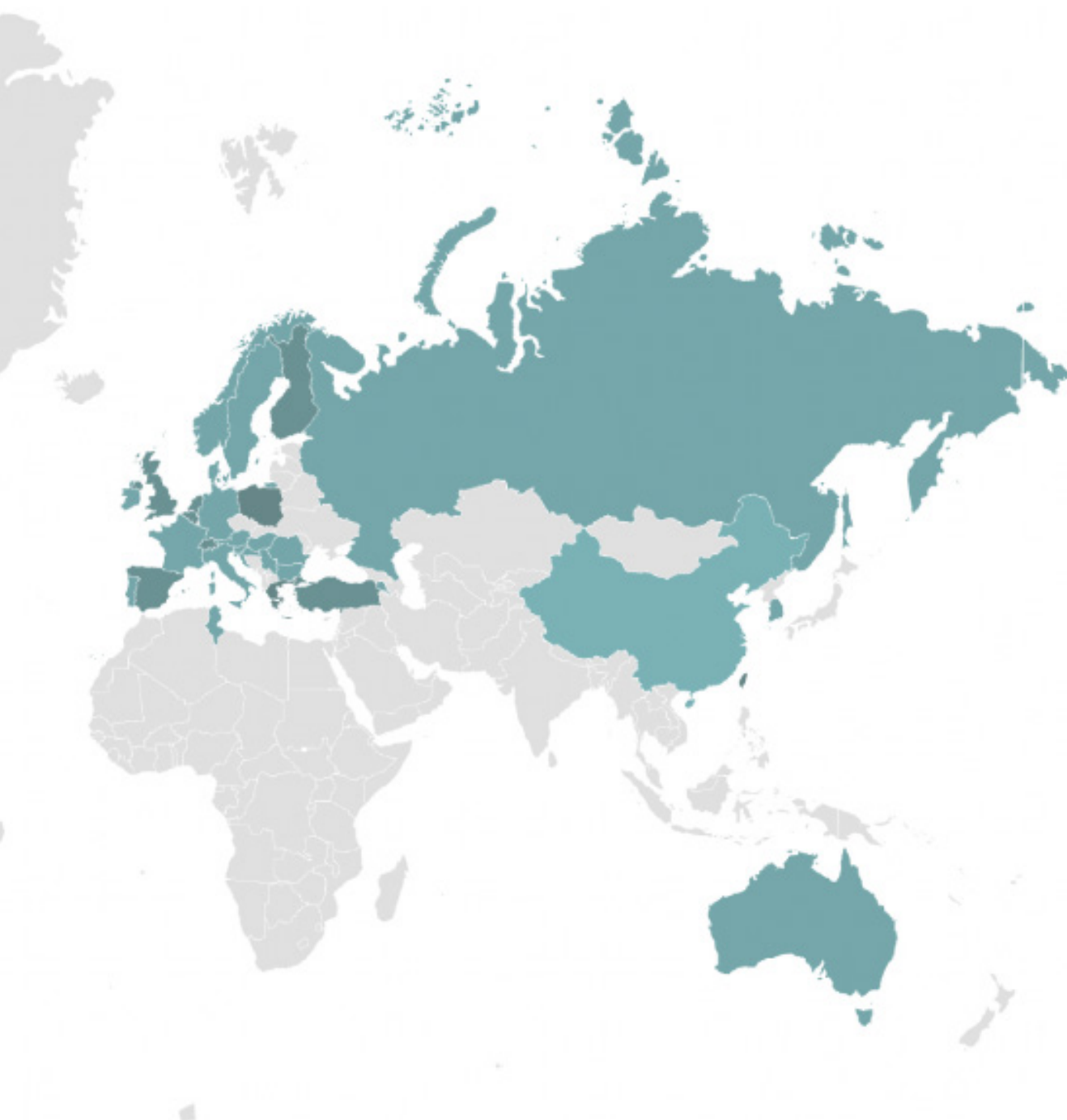
From 4 countries



Scan me



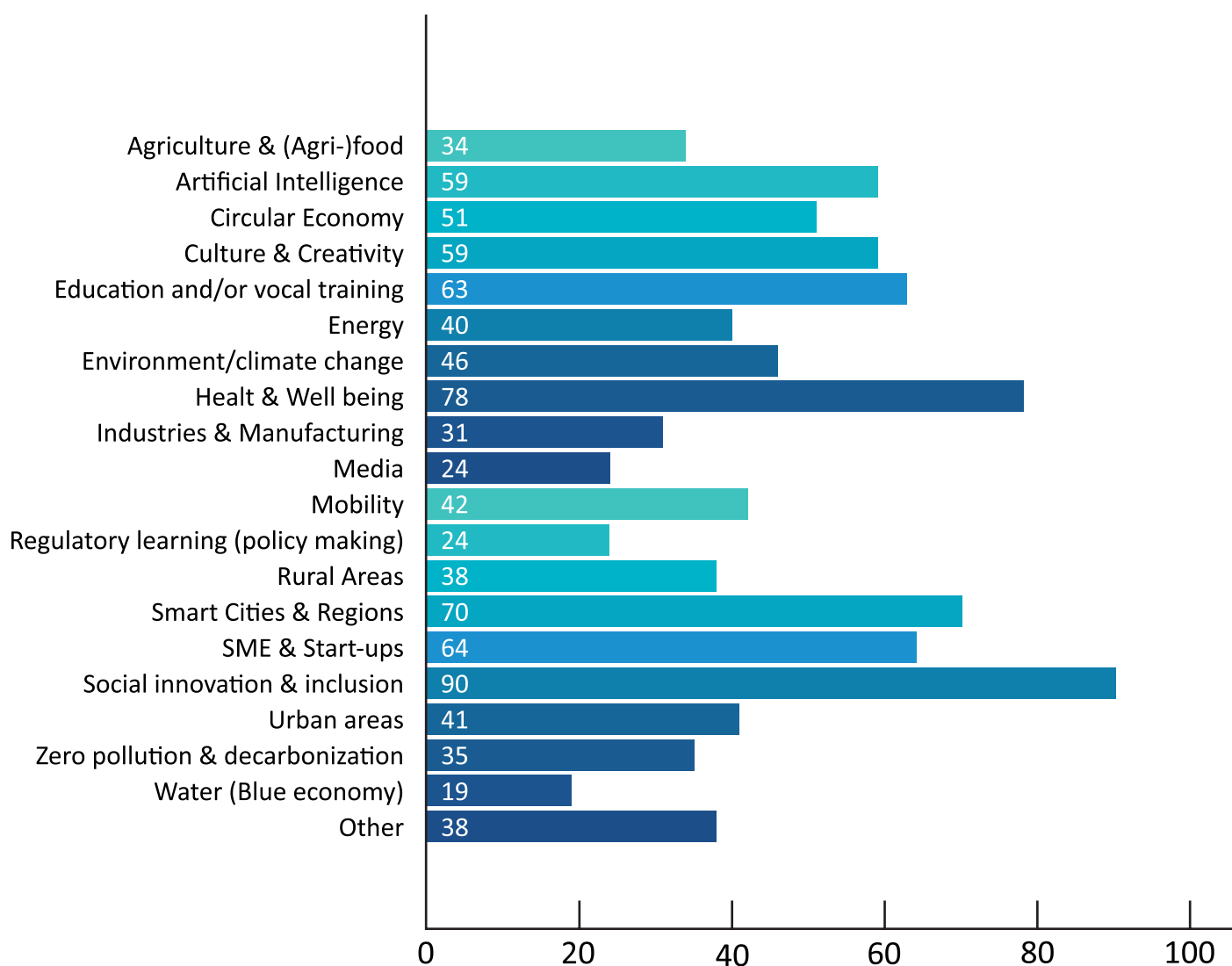






## Areas of work

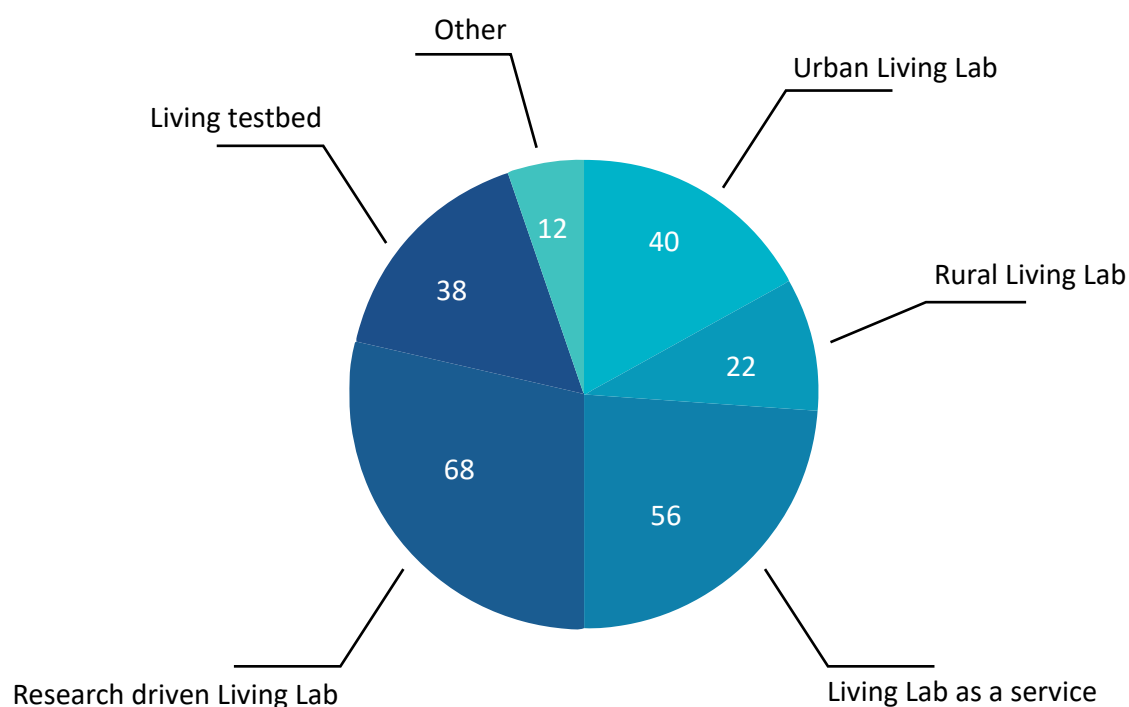
Living Labs can work in multiple areas. Most of the ENoLL members have a transversal approach that allows them to focus on more than two areas. This graph shows the different areas of work in which ENoLL members work and offer their services.





## Types of Living Labs

The mapping of the ENoLL members has shown a distribution of 5 main types of Living Labs. The type of the Living Lab refers to the nature and service of each organization. Moreover, a Living Lab can belong to more than one type depending on their work. At ENoLL most of the Living Labs have pointed out their emphasis as Research Driven Living Lab and Living Lab as a service.



## Fields of expertise







Living Labs in



**ANDORRA**



# ANDORRA LIVING LAB



## Andorra Living Lab Vanersa Arroyo

**Country:** Andorra

[www.andorralivinglab.ad](http://www.andorralivinglab.ad)

### Type of LL

Country Living Lab.

Andorra Living Lab is a space for innovation projects coordination, research, design and validation that involves all actors in the same ecosystem, enabling for development of new products and services, as well as encouraging the adoption of new technologies and in-depth reflections on them. The country provides the opportunity to create synergies among the entrepreneurial ecosystem, promoting talent and building networks that span both social and technological aspects.

### Areas of work

- Agriculture & (Agri-)Food
- Artificial Intelligence
- Circular Economy
- Culture & Creativity (creative sectors)
- Education and/or vocational training
- Energy;Environment/ climate change
- Health & Well Being;Industries & Manufacturing
- Media
- Mobility
- Regulatory learning (policy making)
- Rural areas
- Smart Cities & Regions
- SME & Start-ups
- Social innovation & inclusion
- Urban areas
- Zero pollution & decarbonization
- Water (Blue economy)

### Main expertise



Business model  
innovation



Co-creation  
methods & tools



Governance  
models



Implementation  
after testing



Innovation  
strategies



Living Lab (projects)  
evaluation



Panel  
Management



Policy making



Real-life  
experimentation



Scaling-up



Service design



Stakeholder  
engagement



User & Living Lab  
research





Living Labs in



**ARMENIA**





## Kiraki Living Lab Kiraki Development Foundation

**Country:** Armenia

[www.kiraki.org](http://www.kiraki.org)

### Type of LL

Research driven Living Lab,  
Urban Living Lab.

Kiraki Living Lab is a social venture, created in 2018 by development professionals, tech entrepreneurs, researchers and visionaries. Its mission is to empower talents and to maximize public good. Kiraki Living Lab accomplishes its mission by applying design thinking, technological and social innovations, formal and non-formal education arsenal. Kiraki Living Lab believes in the power of co-creation and constantly expands its partnership base in Armenia and beyond. The portfolio of Kiraki Living Lab includes projects implemented through partnerships and financial support of the European Union, Asian Development Bank, US Embassy, Canadian Development Agency, and local NGOs. Kiraki is the implementing partner of PechaKucha Nights in Armenia, having run about a dozen of such events. As they say at Kiraki: “We grow, we expand, and we strive for the best impact towards our mission”.

### Areas of work

- Culture & Creativity (creative sectors)
- Education and/or vocational training
- Media
- SME & Start-ups
- Social innovation & inclusion
- Urban areas

### Main expertise



Business model  
innovation



Co-creation  
methods & tools



Governance  
models



Impact  
assessments



Implementation  
after testing



Innovation  
strategies



Living Lab (projects)  
evaluation



Policy making



Real-life  
experimentation



Scaling-up



Service design



Stakeholder  
engagement



User & Living Lab  
research





Living Labs in



**AUSTRALIA**





# Global Centre for Modern Ageing

## LifeLab

### Global Centre for Modern Ageing

**Country:** Australia

[www.gcma.net.au](http://www.gcma.net.au)

## Type of LL

Research driven Living Lab;  
Living testbed.

The Global Centre for Modern Ageing (GCMA) is a not-for-profit organisation, and its purpose is to improve the lives of older people. Through advocacy, market development, partnerships, research, and learning, GCMA helps organisations and individuals to devise, build, and commercialise products and services that allow older people to live and age well. The Living Lab has deep expertise in end-user experience research, which brings fresh, evidence-based insights to the Ageing Well industry.

## Areas of work

- Artificial Intelligence
- Culture & Creativity (creative sectors)
- Education and/or vocational training
- Environment
- Health & Well Being
- Industries & Manufacturing
- Mobility
- Smart Cities & Regions
- SME & Start-ups
- Social innovation & inclusion

## Main expertise



Business model  
innovation



Co-creation  
methods & tools



Governance  
models



Impact  
assessments



Implementation  
after testing



Innovation  
strategies



Living Lab (projects)  
evaluation



Panel  
Management



Policy making



Real-life  
experimentation



Scaling-up



Service design



Stakeholder  
engagement



User & Living Lab  
research





## Swinburne Living Lab

### Swinburne University of Technology

**Country:** Australia

[www.swinburne.edu.au/research/centres-groups-clinics/centre-for-design-innovation/our-research/future-self-living-lab/](http://www.swinburne.edu.au/research/centres-groups-clinics/centre-for-design-innovation/our-research/future-self-living-lab/)

### Type of LL

Research driven Living Lab; Living Lab as a service.

Vision of the Living Lab is Wellbeing and Enjoyment for Whole of Life. Its mission is: "Enriching everyday living of older adults through co-design". Its objectives are: i) to enhance wellbeing of older adults through development of products, services, and experiences; ii) to become national leaders in the co-design of products, services, and experiences for the wellbeing of older adults; iii) to conduct evidence-based research on the effectiveness of products, services, and experiences for older adults; iv) to advocate on policy and funding matters for the wellbeing of older adults with funders, regulators, and peak bodies; v) to increase the recognition of the potential and impact of the Living Lab concept and practice nationally and internationally; vi) to provide training in design through workshops and other activities.

### Areas of work

- Health & Well Being
- Education and/or vocational training
- Artificial Intelligence
- Social innovation & inclusion
- Smart Cities & Regions
- Citizen science, co-design and ethical considerations
- Culture & Creativity (creative sectors)
- Mobility

### Main expertise



Business model innovation



Co-creation methods & tools



Impact assessments



Implementation after testing



Innovation strategies



Living Lab (projects) evaluation



Policy making



Real-life experimentation



Scaling-up



Service design



Stakeholder engagement



User & Living Lab research



# intergener8

LIVING LAB

## Intergener8 Living Lab Young and Resilient Research Centre

**Country:** Australia

[www.westernsydney.edu.au/young-and-resilient](http://www.westernsydney.edu.au/young-and-resilient)

### Type of LL

Research driven Living Lab.

The Intergener8 Living Lab is the engine room of the Young and Resilient Research Centre's co-research and design program and was co-created in 2017 with over 100 partners. Intergener8 provides research and co-design infrastructure to bring different generations, community, industry and government stakeholders together on a flexible and ongoing basis, supported by the Co-Research and Engagement Toolkit. Intergener8 Living Lab conducts research and design programs, services and policies. It also co-creates and trials new and potentially commercialisable products that significantly boost engagement, wellbeing, resilience and entrepreneurship by harnessing the potential of technology. The Intergener8 Living Lab is a founding member of the Australian Living Labs Innovation Network and was accredited in 2019 by ENoLL. Intergener8 has delivered ten Living Lab Projects between 2019-2021.

### Areas of work

- Education and/or vocational training
- Environment/climate change
- Health & Well Being
- Social innovation & inclusion
- Culture & Creativity (creative sectors)
- Media

### Main expertise



Co-creation  
methods & tools



Governance  
models



Impact  
assessments



Implementation  
after testing



Innovation  
strategies



Living Lab (projects)  
evaluation



Policy making



Service design



Stakeholder  
engagement



User & Living Lab  
research





Living Labs in



**AUSTRIA**



# prolida

## **Prolida** **Carinthia University of** **Applied Sciences**

**Country:** Austria

[www.prolida.at](http://www.prolida.at)

### **Type of LL**

Research driven Living Lab;  
Living testbed;  
Rural Living Lab.

PROLIDA supports quadruple-helix stakeholders in the field of Health and Wellbeing (AAL/AHA) in the participative development, multi-perspective (real-life) evaluation, and long-term anchoring of innovations in the market. It focuses on technological innovations related to an active and healthy lifestyle, formal and informal care services and holistic health and wellbeing approaches.

### **Areas of work**

- Health & Well Being
- Rural areas
- Smart Cities & Regions
- Social innovation & inclusion
- Artificial Intelligence

### **Main expertise**



Business model  
innovation



Co-creation  
methods & tools



Impact  
assessments



Implementation  
after testing



Innovation  
strategies



Living Lab (projects)  
evaluation



Policy making



Real-life  
experimentation



Scaling-up



Service design



Stakeholder  
engagement



User & Living Lab  
research





## StadtLABOR

**StadtLABOR Innovationen  
für urbane Lebensqualität  
GmbH**

**Country:** Austria

[www.stadtlaborgraz.at](http://www.stadtlaborgraz.at)

### Type of LL

Urban Living Lab.

StadtLABOR (CityLAB) is a private innovation company working in the field of sustainable urban development. It is looking for ways in which climate protection, resource conservation and innovation can be given greater consideration in construction projects and in the development of locations, neighbourhoods, and urban districts. The vision of StadtLABOR is the liveable and sustainable city - that is resource-efficient, energy-efficient, compact, green, mixed, inclusive, and resilient. Urban quality of life requires a holistic view of the many facets of "city" - from buildings and (energy) technologies to public space, mobility and social issues. The Sustainable Development Goals adopted by the United Nations in 2016 are both an inspiration and a mission. The Living Lab follows these principles: i) long-term partnerships: the transformation of a place takes time. It requires relationships that are supported by perseverance, a shared vision of the future and mutual trust; ii) out of the meeting room and into the place where the action is: this creates low-threshold accessible spaces for learning and working together, where people develop and implement solutions together; iii) rapid knowledge sharing, experimentation and prototyping: complex issues usually have more than one possible solution. Wherever possible, it (temporarily) tests new solutions in real life. This allows changes to become visible more quickly and their effects to be experienced.

### Areas of work

- Circular Economy
- Energy
- Environment/climate change
- Mobility
- Smart Cities & Regions
- Social innovation & inclusion
- Urban areas

### Main expertise



Co-creation  
methods & tools



Governance  
models



Impact  
assessments



Implementation  
after testing



Innovation  
strategies



Living Lab (projects)  
evaluation



Real-life  
experimentation



Scaling-up



Service design



Stakeholder  
engagement



User & Living Lab  
research





Living Labs in

**BELGIUM**





## Agrotopia

Inagro

**Country:** Belgium

[www.inagro.be/agrotopia](http://www.inagro.be/agrotopia)

### Type of LL

Living Lab as a service.

To stimulate sustainable urban and greenhouse horticulture, further developments are required in using residual streams (heat, water, and CO<sub>2</sub>), recycling of resources, automatization, climatization and maximizing use of available space and energy efficiency. As the knowledge partner of agricultural and horticultural businesses in the areas of innovation and sustainability, Inagro tailors solutions to their needs. Inagro's new high tech research infrastructure to support the Living Lab is the 9000 sqm Agrotopia rooftop research greenhouse on top of the agricultural market in Roeselare. Six thousand sqm cultivation area, a compartment for multilayer indoor growing with artificial lighting and a 12 m high vertical compartment allow to co-create, develop, validate, and demonstrate innovative best practices for vegetable hydroponic systems. Agrotopia's location, at the agricultural auction market, where growers and buyers meet daily, offers a unique opportunity towards interactions. It allows researchers, growers, technology providers, knowledge institutions, educators, and society to meet, collaborate, and co-create. To further stimulate this multidisciplinary approach, Agrotopia provides a unique platform to the Ghent University Agrotopia endowed chair, and the greenhouse is open to the growers and the general public. The Agrotopia Living Lab delivers the services to realize co-creation in this unique setting.

### Areas of work

- Agriculture & (Agri-)Food
- Rural areas
- Smart Cities & Regions
- SME & Start-ups
- Urban areas

### Main expertise



Business model  
innovation



Co-creation  
methods & tools



Governance  
models



Impact  
assessments



Implementation  
after testing



Innovation  
strategies



Living Lab (projects)  
evaluation



Panel  
Management



Real-life  
experimentation



Scaling-up



Service design



Stakeholder  
engagement



User & Living Lab  
research





## Happy Aging In4care

**Country:** Belgium

<https://www.in4care.be/>

### Type of LL

Living Lab as a service.

Happy Aging is an integrated network and Living Lab for user-centred innovation in elderly care. It offers a real-life environment for companies and health care organizations to develop innovative concepts for elderly care. Besides being a real-life test environment, Happy Aging is also used to create new innovative ideas in co-creation with the elderly. This way it strengthens the effective implementation of these innovations. Happy Aging is a Living Lab consisting of many partners, each with their own expertise, including local authorities, care institutions, knowledge institutes, and companies. This ensures that the necessary expertise (quadruple helix) is present. The main purpose of the Happy Aging Living Lab is to develop innovative ideas, together with the elderly, to make sure that the elderly can reside longer and with a higher quality of life, in their home environment. The ideas that are developed within the Happy Aging Living Lab also contribute to a strong economic environment and job creation in the region.

### Areas of work

- Health & Well Being
- Artificial Intelligence
- Environment
- Mobility
- SME & Start-ups
- Social innovation & inclusion

### Main expertise



Business model  
innovation



Co-creation  
methods & tools



Panel  
Management



Real-life  
experimentation



Stakeholder  
engagement



User & Living Lab  
research





# imec

## Imec.livinglabs IMEC

**Country:** Belgium

[www.imec-int.com/en/livinglabs](http://www.imec-int.com/en/livinglabs)

### Type of LL

Research driven Living Lab;  
Living Lab as a service.

Imec offers researchers and entrepreneurs the chance to co-create and test their innovative solutions thoroughly with their target audience and stakeholders. The involvement of the end-users at an early stage of the development process makes it possible to tailor the innovation from the outset to real needs, habits, attitudes, and contextual factors. In that way products and services are better and have every chance of success on the market. The imec.livinglabs research includes users early on and all through the innovation process. This approach provides a solution to innovation thresholds and challenges such as: i) capturing, understanding, and validating users' interactions with products and services, at an early stage; ii) transforming ideas into prototypes users can interact within their daily context; iii) shaping '(minimum) viable products' through an iterative, agile process; iv) designing business models through stakeholder analysis and go-to-market definition.

### Areas of work

- Health & Well Being
- Environment;Energy
- Culture & Creativity (creative sectors)
- Circular Economy
- Artificial Intelligence
- Media
- Smart Cities & Regions
- SME & Start-ups
- Social innovation & inclusion
- Zero pollution & decarbonization
- Urban areas
- Regulatory learning (policy making)
- Industries & Manufacturing
- Education and/or vocational training
- Mobility
- Water (Blue economy)

### Main expertise



Business model  
innovation



Co-creation  
methods & tools



Governance  
models



Impact  
assessments



Implementation  
after testing



Innovation  
strategies



Living Lab (projects)  
evaluation



Panel  
Management



Policy making



Real-life  
experimentation



Scaling-up



Service design



Stakeholder  
engagement



User & Living Lab  
research





## Licalab

**Thomas More**

**Country:** Belgium

[www.licalab.be](http://www.licalab.be)

### Type of LL

Research driven Living Lab;  
Living Lab as a service;  
Living testbed.

LiCalab is a care living lab that supports businesses and organizations by including end users (citizens, patients, care professionals,...) from the very beginning of the development process until market introduction. LiCalab is a research group within Thomas More University of Applied Sciences. The Living Lab is strongly embedded in its region and has a large regional and international network on citizen, institutional, academic and policy level. The focus areas of LiCalab are medical care, (patient) rehabilitation, care technology, assisted living, active and healthy aging, and preventative healthcare. LiCalab gained extensive expertise in methodologies for co-creation, co-design, user experience, stakeholder engagement and participatory approaches and has experience in collaborating with Living Labs on an international scale.

### Areas of work

- Artificial Intelligence
- Education and/or vocational training
- Health & Well Being
- Regulatory learning (policy making)
- Urban areas
- SME & Start-ups
- Social innovation & inclusion
- Housing

### Main expertise



Business model  
innovation



Co-creation  
methods & tools



Governance  
models



Innovation  
strategies



Living Lab (projects)  
evaluation



Panel  
Management



Policy making



Real-life  
experimentation



Scaling-up



Service design



Stakeholder  
engagement



User & Living Lab  
research





**Well Living Lab  
Mecatech**


**Country:** Belgium  
[www.well-livinglab.be](http://www.well-livinglab.be)

**Type of LL**  
Living Lab as a service.

The WeLL (Wallonia e-health Living Lab) is the first Living Lab in Wallonia dedicated to e-health.  
The WeLL aims to put innovation at the service of citizens, patients, seniors and healthcare stakeholders. By integrating users at the heart of the reflection, WeLL anticipates changes and health needs and ensures better appropriation of innovations. Its mission is to: i) promote the emergence and provide support for innovative projects; ii) develop new technologies and new uses based on what already exists.

- Areas of work**
- Artificial Intelligence
  - Health & Well Being
  - Circular Economy
  - Environment/ climate change
  - Industries & Manufacturing
  - SME & Start-ups
  - Social innovation & inclusion

**Main expertise**

 Business model innovation	 Co-creation methods & tools	 Governance models	 Impact assessments	 Implementation after testing	 Innovation strategies	 Living Lab (projects) evaluation
 Panel Management	 Real-life experimentation	 Scaling-up	 Stakeholder engagement	 User & Living Lab research		





## Ghent Living Lab City of Ghent

**Country:** Belgium

[www.stad.gent/en](http://www.stad.gent/en)

### Type of LL

Urban Living Lab;  
Research driven Living Lab;  
Living testbed;  
Living Lab as a service.

Ghent Living Lab focuses on the societal challenges relevant to the City of Ghent in Belgium. Focus areas of the City's Strategic Plan 'More than a Smart City' are Healthcare, Education and Climate transition. Ghent remains open to any other relevant new upcoming areas. Ghent Living Lab is the umbrella under which various innovation projects are initiated. It combines the creative forces of various partners from the quintuple helix, in an open collaborative network led by the City of Ghent. Ghent Living Lab draws on more than 10 years of experience of the City's work on innovative approaches to urban regeneration, including the use of digital technologies to support e-inclusion and e-participation. It works closely with the local research and innovation communities to take R&D out of the research labs and into real-world testbeds to create use-cases for future applications and services. The scope of this collaboration spans far beyond the Digitisation and ICT-related issues.

### Areas of work

- Agriculture & (Agri-)Food
- Artificial Intelligence
- Circular Economy
- Culture & Creativity (creative sectors)
- Education and/or vocational training
- Energy
- Environment/ climate change
- Health & Well Being
- Industries & Manufacturing
- Mobility
- SME & Start-ups
- Smart Cities & Regions
- Social innovation & inclusion
- Urban areas
- Zero pollution & decarbonization

### Main expertise



Business model  
innovation



Co-creation  
methods & tools



Governance  
models



Impact  
assessments



Living Lab (projects)  
evaluation



Policy making



Real-life  
experimentation



Service design



Stakeholder  
engagement



User & Living Lab  
research



# SENSO2ME

**JF OCEANS  
SENSO2ME NV**

**Country:** Belgium  
[www.senso2.me](http://www.senso2.me)

**Type of LL**

Research driven Living Lab;  
Living Lab as a service.

Warm and sustainable care with smart sensor technology.

**Areas of work**

- Artificial Intelligence
- Energy
- Environment/climate change
- Health & Well Being

**Main expertise**

 Business model innovation	 Co-creation methods & tools	 Governance models	 Impact assessments	 Implementation after testing	 Innovation strategies	 Living Lab (projects) evaluation
 Panel Management	 Real-life experimentation	 Scaling-up	 Service design	 Stakeholder engagement	 User & Living Lab research	





## Living Lab Animal Husbandry (LLAH)

Flanders Research Institute for Agriculture, Fisheries and Food (ILVO)

**Country:** Belgium

[www.ilvo.vlaanderen.be](http://www.ilvo.vlaanderen.be)  
[www.varkensloket.be](http://www.varkensloket.be)  
[www.rundveeloket.be](http://www.rundveeloket.be)  
[www.pluimveeloket.be](http://www.pluimveeloket.be)

### Type of LL

Rural Living Lab;  
 Research driven Living Lab;  
 Living testbed.

The Living Lab Animal Husbandry (LLAH) is hosted by Flanders Research Institute for Agriculture, Fisheries and Food (ILVO). Main goal of the LLLAH is promoting practice-oriented innovation in the pig, cattle and poultry industry by co-creation, knowledge exchange and controlled experiments in research facilities and on commercial farms. Unique characteristics of the LLAH arise from its combination of translating research towards practical implementation and innovation by the farmers and industry. Within the LLAH the Pig Information Center, Cattle Information Center and Poultry Information Center act as an easily accessible contact, meeting, and communication platform in Flanders, providing information for all stakeholders, and bringing together and integrating the needs of the stakeholders into future practice-based and demand-driven research and co-creation. Enhancing transfer of both scientific and tacit knowledge towards and between all stakeholders is essential for the competitiveness and sustainability of the Flemish livestock sector. The LLAH has access to pilot halls that are equipped with semi-industrial scale processing machines to develop innovations in the agri-food chain. Also test benches, an accredited plant diagnostic centre, equipment for precision farming, a seed reception and processing unit and accredited laboratories for feed, animal-end products, plants, soil, genetics are available. The infrastructure is used for own research, other private/research partners, and multi-partner research (projects).

### Areas of work

- Agriculture & (Agri-)Food
- Circular Economy
- Environment/climate change
- Rural areas
- Zero pollution & decarbonization
- Water (Blue economy)

### Main expertise



Co-creation  
methods & tools



Governance  
models



Impact  
assessments



Implementation  
after testing



Innovation  
strategies



Policy making



Real-life  
experimentation



Stakeholder  
engagement



User & Living Lab  
research





## Living Lab Circulaire Inagro vzw

**Country:** Belgium

[www.inagro.be](http://www.inagro.be)

### Type of LL

Research driven Living Lab;  
Rural Living Lab.

The Living Lab Circular of Inagro is aimed for optimising the role of agriculture in the circular economy through increased co-creation. This is not limited to circular solutions between farms but also between farms, industry, and society. Relevant themes within agriculture are water, nutrients, biomass, and energy. Examples of previous projects are converting the fibres from the stems of brussels sprouts into paper or testing cleaned wastewater from food industry as an irrigation source for vegetables. Also, anaerobic digestors can convert manure or food waste into heat, energy and upgraded fertilisers. The LLC exists of a network of 20 stakeholder organisations from each party within the quadruple helix (society, industry, research, government). Furthermore, all pilot installations available at Inagro could be used for research at a practical relevant scale. This includes, but is not limited to, insect halls, aquaculture, anaerobic digester, greenhouses, climate rooms, harvesters, fertilisers, etc.

### Areas of work

- Agriculture & (Agri-)Food
- Circular Economy
- Energy
- Environment/climate change
- Rural areas
- Smart Cities & Regions
- Zero pollution & decarbonization
- Water (Blue economy)

### Main expertise



Business model  
innovation



Co-creation  
methods & tools



Impact  
assessments



Implementation  
after testing



Innovation  
strategies



Panel  
Management



Policy making



Real-life  
experimentation



Scaling-up



Service design



Stakeholder  
engagement



User & Living Lab  
research





## Smart Retail City Lab hub.brussels

**Country:** Belgium

[www.smart-retail-city-lab.com](http://www.smart-retail-city-lab.com)

A Smart Retail City is a city with a detailed knowledge of urban commerce, the customer, and trends. Initiated by Hub.brussels, the Smart Retail City Lab is a user-centred research and innovation project. Its objective is to lead the Brussels-Capital Region along the path of the Smart Retail City.

### Areas of work

- Smart Cities & Regions

### Type of LL

Urban Living Lab.

### Main expertise



Business model  
innovation



Co-creation  
methods & tools



Impact  
assessments



Implementation  
after testing



Innovation  
strategies



Panel  
Management



Service design



Stakeholder  
engagement



User & Living Lab  
research





Living Lab Agrifood Technology

Living Lab Agrifood Technology (LLAT)  
ILVO

Country: Belgium  
[www.agrifoodtechnology.be](http://www.agrifoodtechnology.be)

Type of LL

Rural Living Lab;  
Living testbed.

ILVO’s Living Lab Agrifood Technology helps technology companies and farmers innovate in their agri-food processes. The objective is to make horticulture, arable farming, livestock farming and food processing more sustainable and efficient. Its expertise lies within mechanization, automation, prototyping, sensor technology and digitalization in agri-food.

Areas of work

- Agriculture & (Agri-)Food
- Artificial Intelligence
- Environment/climate change
- SME & Start-ups
- Zero pollution & decarbonization

Main expertise



Business model innovation



Co-creation methods & tools



Impact assessments



Implementation after testing



Living Lab (projects) evaluation



Real-life experimentation



Stakeholder engagement





## ZorgLab Aalst Stad Aalst

**Country:** Belgium

[www.aalst.be/zorglab-aalst](http://www.aalst.be/zorglab-aalst)

Zorglab Aalst is a living lab in health and care. It is an environment to test and experiment with innovative solutions in health and care. Zorglab Aalst supports and collaborates with entrepreneurs, researchers, policymakers and health care organizations in citizen-centered and/or patient-centred solutions.

It provides advice, matchmaking of partners, co-creation and testing in real life. Zorglab Aalst makes a demonstration residence available in which the latest new applications, infrastructure and services can be demonstrated to the citizens/elderly/patients and care professionals themselves. The living lab is focusing on: Ageing in place, accessibility and adjusted housing; Age-friendly environments; Health & Care Tech; Prevention in health care; Collaboration in care and primary care.

### Areas of work

- Health & Well Being

### Main expertise



Co-creation  
methods & tools



Governance  
models



Impact  
assessments



Implementation  
after testing



Innovation  
strategies



Living Lab (projects)  
evaluation



Panel  
Management



Policy making



Real-life  
experimentation



Scaling-up



Service design



Stakeholder  
engagement



User & Living Lab  
research





Living Labs in



# **BOSNIA & HERZEGOVINA**





**Prijedor Circle Hub**  
**PREDA (Development agency**  
**of the city of Prijedor)**

**Country:** Bosnia &  
 Herzegovina

[www.prijedorhub.com](http://www.prijedorhub.com)

Prijedor Circle Hub is the first Living Lab operating in Bosnia and Herzegovina created and managed by PREDA, the Development Agency of the City of Prijedor in the Republika Srpska. PREDA has been the Lead partner in the Interreg Cross-border Cooperation 2014-2020 project entitled Creative@CBC, which has involved similar pathways leading to an application to the ENoLL three organizations from Bosnia and Herzegovina, Croatia and Montenegro. Within the process of preparation of the project proposal, as well as during its implementation, PREDA recognized that a number of previous projects managed throughout the past 5 years, which are reported herein, were clearly inspired by the Living Lab approach. The Prijedor Circle Hub belongs to PREDA and is supported by 16 institutions and organizations originating from the 4 communities of the quadruple-helix. Its functioning is mainly project-based, though this does not necessarily mean that all activities are financially covered by specific funding sources. In fact, the decision to create a Living Lab and apply to become an ENoLL member is part of a strategic decision and a long-term commitment to user-driven, open innovation as an instrument to create a fertile environment for business investments and the creation of new entrepreneurship in the area, which are the two main missions of PREDA as Development agency of the city of Prijedor.





Living Labs in



**BULGARIA**





## Sofia Lab

### Sofia Development Association

**Country:** Bulgaria

[www.sofia-da.eu](http://www.sofia-da.eu)

### Type of LL

Urban Living Lab.

SofiaLab is an Urban Living Lab – a Smart City community infrastructure and ecosystem, promoting urban innovations and local development by bringing together leading actors from public administration, academia, industry, and social organisations. The unique feature of SofiaLab is that it is a means for the development and implementation of Sofia Smart Specialisation Strategy which has the concept of Smart City in the core. SofiaLab is the hub of many Living Lab nodes in the city. It aims to establish an experimentation and makerspace to motivate further piloting of digital innovations within the smart city context. SofiaLab aims to encourage bottom-up idea generation, open innovation, and value co-creation at the centre of its maker space for active experimentation and pilot testing. SofiaLab hosts countless events and social activities such as awareness campaigns, community workshops and trainings, hackathons, research and innovation, start-up acceleration, social events, digital technologies camps, venture capital related events, technology transfer and company matchmaking and others.

### Areas of work

- Artificial Intelligence
- Culture & Creativity (creative sectors)
- Smart Cities & Regions
- SME & Start-ups
- Social innovation & inclusion
- Urban areas
- Circular Economy
- Environment
- Mobility
- Media
- Agriculture & (Agri-)Food
- Education and/or vocational training
- Regulatory learning (policy making)
- Zero pollution & decarbonization

### Main expertise



Business model innovation



Co-creation methods & tools



Governance models



Impact assessments



Implementation after testing



Innovation strategies



Living Lab (projects) evaluation



Panel Management



Policy making



Real-life experimentation



Scaling-up



Stakeholder engagement



User & Living Lab research





Living Labs in



**CANADA**





## Living lab en innovation ouverte Cegep de Rivière-du-Loup

**Country:** Canada

[www.llio.quebec](http://www.llio.quebec)

### Type of LL

Research driven Living Lab;  
Rural Living Lab.

The Open Innovation Living Lab (LLio) is a centre for research and transfer of open innovative practices. Its mission is to facilitate the adoption of open innovation practices, in particular those involving users. The LLio's field is a research centre that intervenes in innovative social practices, both in the context of social and technological innovation. As its specialty concerns the adoption of open innovation practices, it explores, experiments, adapts, develops, and applies methods, devices, and tools such as Fab Lab, Design Thinking/Service Design, co-creation, empathy, serious games, and prototyping. LLio mainly uses the Living Lab approach to oversee the deployment of these tools and principles. The Centre does research and intervention in open innovation. To succeed in this transfer role, the LLio is interested in: i) OI practices, actors, spaces, and scales; ii) the capacity to innovate of people, organizations, and territories; iii) the evaluation of this capacity and its impact.

### Areas of work

- Agriculture & (Agri-)Food
- Artificial Intelligence
- Circular Economy
- Culture & Creativity (creative sectors)
- Education and/or vocational training
- Energy
- Environment
- Health & Well Being
- Industries & Manufacturing
- Regulatory learning (policy making)
- Rural areas
- Smart Cities & Regions
- SME & Start-ups
- Social innovation & inclusion
- Urban areas

### Main expertise



Business model  
innovation



Co-creation  
methods & tools



Governance  
models



Impact  
assessments



Innovation  
strategies



Living Lab (projects)  
evaluation



Real-life  
experimentation



Scaling-up



Service design



Stakeholder  
engagement



User & Living Lab  
research





**Mandalab**  
**Communautique**

**Country:** Canada

[www.communautique.quebec](http://www.communautique.quebec)

The Mandalab is a Living Lab network, hosted by Communautique. Communautique is a Montreal-based non-profit urban community network founded in 1995 to assist low-income individuals and families and other groups potentially excluded from participating in the information society. It provides Internet access and other ICT services and training throughout the province of Québec. In addition, Communautique has raised public awareness of the potential impact of provincial government online initiatives on the voluntary sector and the populations it serves. Communautique was invited to present its actions as part of the Quebec delegation to the World Summit on Information Society in Tunis. Communautique is also active in building ICT capacity within the voluntary sector itself to enable community groups to work more effectively to accomplish their goals. Communautique is actively involved in Industry Canada's Information Management/Information Technology (IM/IT) program, which aims to increase the technological capacity of the voluntary sector in Canada.





**Rehabilitation Living  
Lab in the mall**  
**Centre for Interdisciplinary  
Research in Rehabilitation of  
greater Montreal (CRIR)**

**Country:** Canada

[www.facebook.com/  
LaboratoireVivant](http://www.facebook.com/LaboratoireVivant)

The Mandalab is a Living Lab network, hosted by Communautique. Communautique is a Montreal-based non-profit urban community network founded in 1995 to assist low-income individuals and families and other groups potentially excluded from participating in the information society. It provides Internet access and other ICT services and training throughout the province of Québec. In addition, Communautique has raised public awareness of the potential impact of provincial government online initiatives on the voluntary sector and the populations it serves. Communautique was invited to present its actions as part of the Quebec delegation to the World Summit on Information Society in Tunis. Communautique is also active in building ICT capacity within the voluntary sector itself to enable community groups to work more effectively to accomplish their goals. Communautique is actively involved in Industry Canada's Information Management/Information Technology (IM/IT) program, which aims to increase the technological capacity of the voluntary sector in Canada.





Living Labs in



**CHINA**





## Aging Experience Center (AEC)

Jiangsu Jicui Technology for Aging Research Institute Co. Limited (Aging JITRI)

**Country:** China

[www.agingjitri.com](http://www.agingjitri.com)

### Type of LL

Living Lab as a service.

JITRI Aging Experience Center (AEC) is an innovation support service provider focused on the aging industry. It was set up to support the innovation work of Aging JITRI, a research institute dedicated to fostering innovation and development of the aging industry, by providing research, testing, validation, and co-creation service. Its aim is that elders will be able to enjoy innovations in products, services as well as policies that are made together with them and with them in mind.

Vision: Make innovations useful for the aged.

Mission: Co-create innovations in products, services and policies that will help elders age gracefully and the aging industry grow sustainably.

Culture: Utilizers grow through mutual support and co-creation.

### Areas of work

- Health & Well Being
- Social innovation & inclusion

### Main expertise



Implementation  
after testing



Innovation  
strategies



Policy making



Real-life  
experimentation





Elderly Resources Centre  
房協長者安居資源中心

Living Lab in  
Gerontechnology for  
Age-Friendly Home  
Hong Kong Housing Society

Country: China

Type of LL


Urban Living Lab.

Population ageing is a global phenomenon, yet it is unnecessarily degenerative but rather a human success on public health, medical advancements, economic and social development. Since 2010, both women and men in Hong Kong have led the world in life expectancy, currently standing at 88 and 82 years respectively. To embrace the challenges associated with the demographic transformation, we believe the key lies in age-friendly innovations and technologies. Being a “housing laboratory”, the Hong Kong Housing Society (HKHS) has pioneered various housing solutions in the past 70 years, and set up the Elderly Resources Centre (ERC) 17 years ago on foresight of the increasing ageing population to incubate innovative solutions and promote age-friendly home living to the community. Riding on the solid foundation of serving over 80,000 tenants and 20,000 of ERC visitors per year, the establishment of the HKHS Living Lab in Gerontechnology for Age-Friendly Home will play a significant role in materialising the co-creation process in collaboration with LL’s extensive network of stakeholders, end-users and developers.


Areas of work

- Health & Well Being
- Social innovation & inclusion
- Smart Cities & Regions


Main expertise




Co-creation  
methods & tools




Governance  
models




Panel  
Management



Real-life  
experimentation



Service design



User & Living Lab  
research



**Living Lab SHANGHAI**  
**Tongji University****Country:** China

LivingLab SHANGHAI is an educational platform based on the open approach and environment of the Sino-Finnish Centre, located at Tongji University. It promotes open innovation for generating social construction of knowledge, bridging top-down and bottom-up social innovation processes in real-world contexts by involving relevant stakeholders. Its main characteristics are: i) education-based research and practice: bridging the gaps between education, research and practice in the real world context; ii) design-driven application of new technology: a design-driven approach for complex social problems, involving a mix of human and societal needs where solutions employ new technology; iii) multi-stakeholder ecosystem: the ongoing development of ecosystem consisting of enterprises, entrepreneurs, universities, research institutes, associations and other NGOs.





Living Labs in



**CROATIA**





**Pismo Hub**  
**Sisak Moslavina County**  
**Development Agency for**  
**encouraging economic**  
**development, consulting**  
**and representation (SI-MO-**  
**RA ltd)**

**Country:** Croatia

[www.inkubator-pismo.eu](http://www.inkubator-pismo.eu)

The initiative started as the Business Incubator Pismo Novska (focused on game development, AI, and blockchain technology) and later evolved into the first Living Lab in the Sisak-Moslavina County, and first to have the aim of using AI, gaming and blockchain technology solutions in digital transition and debureaucratization of public administration, which has been recognized as the County's major problem for years. Pismo Hub has established quality long-term relations with different groups of stakeholders (NGOs, government, academia, and private sector), given the type of business its host organization does as a regional development agency and due to its extensive network of business partners. The host organization is also a part of a number of renowned consortiums – Digital Innovation Hub DIGI SI DIH, Digital Innovation Hub Blockchain for Trusted Data Ecosystems, European Digital Innovation Hub for Smart Health, ARAGÓN DIH and other partnerships in this particular field. After the end of a pilot project in one local public administration unit, it is expected that other cities and municipalities will adopt the serious game and blockchain-based CRM program solutions in their own administration and city finances.





## University of Rijeka, Faculty of Maritime studies

### **Rijeka iLivingLab** **University of Rijeka**

**Country:** Croatia

[www.pfri.uniri.hr/web/hr/index.php](http://www.pfri.uniri.hr/web/hr/index.php)

Rijeka iLivingLab most important capability is the possibility of research and innovation in interdisciplinary studies. Hosted at the Faculty of Maritime Studies, Rijeka iLivingLab, has access to persons involved in integrated and interdisciplinary research involving ICT, Maritime Transport, Logistics, International Trade Law, Maritime Economy and Engineering, as well as the implementation of new ICT learning technologies. iLivingLab consists of several labs mutually interconnected and mostly working together on different projects. Rijeka iLivingLab consists of 4 labs: Maritime, Logistics, e-learning and e-government labs. The oldest lab is Maritime Navigation, Safety and Security lab focusing on the development of safety and security procedures in maritime transport, as well as procedures for search and rescue at sea. The whole coastal part of the Republic of Croatia, in all its largeness, the full length of its 6,000-kilometre-long coast of Adriatic Sea and its thousand islands, represents a remarkable natural resource. The main concept of the Living Lab is the prevention of accidents at sea, including maritime terrorism as well as establishing a system of navigation, ship reporting system, complete coverage of the radio communication system, establishing a vessel control service in port areas and on the access routes to the ports of the largest passenger and cargo traffic volume, especially as regards dangerous cargoes, improving cooperation with corresponding offices and research activities in the neighbouring countries, namely in the Republic of Slovenia and the Republic of Italy, in applying the regulations of the system protecting the marine environment against pollution, and application of the Coast Zone Management principles.





Living Labs in



**DENMARK**





## ENERGY & WATER - Greater Copenhagen Living Lab

City of Copenhagen

**Country:** Denmark

[www.energiogvand.dk](http://www.energiogvand.dk)

ENERGY & WATER – Greater Copenhagen Living Lab co-creates and tests tools for education, showcasing and citizen involvement that underpin the creation of sustainable city solutions. ENERGY & WATER is a collaboration between HOFOR (the largest utility company in Denmark) and the City of Copenhagen (the capital of Denmark).

### Areas of work

- Education and/or vocational training
- Energy
- Water (Blue economy)
- Zero pollution & decarbonization
- Urban areas

### Main expertise



Co-creation  
methods & tools



Governance  
models



Implementation  
after testing



Innovation  
strategies



Living Lab (projects)  
evaluation



Real-life  
experimentation



Service design



Stakeholder  
engagement





Living Labs in



**FINLAND**



# FORUM VIRIUM HELSINKI

## Forum Virium Helsinki (FVH) Forum Virium Helsinki

**Country:** Finland

[www.forumvirium.fi](http://www.forumvirium.fi)

### Type of LL

Urban Living Lab.

Forum Virium Helsinki, the city of Helsinki innovation company, co-creates urban futures with companies, universities, public sector, and residents. Its Living Labs include the Smart Kalasatama, Jätkäsaari Mobility Lab, and the Helsinki Innovation Districts.

The Helsinki Innovation Districts take the learnings from the Helsinki's Smart City District Kalasatama to the districts under regeneration. The work is based on experimentation with agile piloting programmes, co-creation of smart & green solutions and active resident engagement in the suburban districts.

### Areas of work

- Artificial Intelligence
- Circular Economy
- Education and/or vocational training
- Environment/climate change
- Health & Well Being
- Smart Cities & Regions
- Social innovation & inclusion
- Mobility

### Main expertise



Business model  
innovation



Co-creation  
methods & tools



Governance  
models



Impact  
assessments



Implementation  
after testing



Innovation  
strategies



Living Lab (projects)  
evaluation



Panel  
Management



Policy making



Real-life  
experimentation



Scaling-up



Service design



Stakeholder  
engagement



User & Living Lab  
research





## TAMK Living Lab Tampere University of Applied Sciences

**Country:** Finland

[www.tuni.fi](http://www.tuni.fi)

### Type of LL

Research driven Living Lab;  
Living testbed.

TAMK Living Lab focuses on promoting health and wellbeing, business, and technology together with learning and creativity. In addition to the significant role as a higher education institution, TAMK conducts high-quality practical, cross-disciplinary research, development, and innovation projects jointly with all quadruple helix partners. These projects specifically emphasise the social, environmental, and economic impact on individuals, communities, and societies. One of the main focuses is profound expertise on human capacity development and training, especially in the fields of digital skills and competences. TAMK believes that young people are the best asset for the future. Talented students are integrated in Living Lab activities in many ways, collaborating closely with the public sector, companies, or other organizations, and innovatively solving their problems and challenges.

### Areas of work

- Artificial Intelligence
- Circular Economy
- Culture & Creativity (creative sectors)
- Education and/or vocational training
- Energy
- Environment/climate change
- Health & Well Being
- Industries & Manufacturing
- Media
- Mobility
- Regulatory learning (policy making)
- Rural areas
- Smart Cities & Regions
- SME & Start-ups
- Social innovation & inclusion
- Urban areas
- Zero pollution & decarbonization
- Agriculture & (Agri-)Food
- Water (Blue economy)

### Main expertise



Business model  
innovation



Co-creation  
methods & tools



Impact  
assessments



Implementation  
after testing



Innovation  
strategies



Living Lab (projects)  
evaluation



Panel  
Management



Policy making



Real-life  
experimentation



Scaling-up



Service design

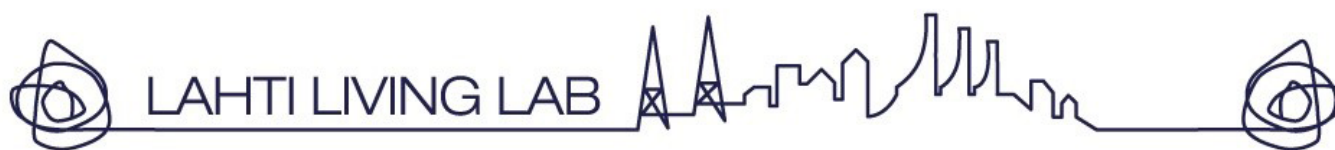


Stakeholder  
engagement



User & Living Lab  
research





## Lahti Living Lab LUT University

**Country:** Finland

### Type of LL

Research driven Living Lab.

The special focus of the Lahti Living Lab is to integrate the users into the innovation processes of public and private sector innovation and development focusing on all dimensions of sustainability and digitalization. For this purpose, methods and tools are developed and studied to fully enable knowledge creation and exploitation between users and professional developers. The methods of involving and activating the users vary, the encounters take place online but also face-to-face. Lahti Living Lab is implemented through research and development projects, which all have a common nominator, e.g. the users as active co-creators.

### Areas of work

- Environment/climate change
- Health & Well Being
- SME & Start-ups
- Social innovation & inclusion
- Energy
- Smart Cities & Regions
- Rural areas

### Main expertise



Business model  
innovation



Co-creation  
methods & tools



Innovation  
strategies



Living Lab (projects)  
evaluation



Policy making



Real-life  
experimentation



Service design



Stakeholder  
engagement



User & Living Lab  
research





## CODER Living Lab LUT University

**Country:** Finland

CODER is an ICT-enabled Living Lab entirely dedicated to the innovation, development and validation of software systems, products and services with a human mind-set. It combines a physical smart environment that motivates open innovation, a cloud-based toolbox and equipment to develop and validate a wide range of user experience-centric software products, systems and services, as well as the large network of stakeholders and technology partners that provide the best business and technical competence and mentoring to the drivers of software technology innovation. The Lab aims to be a place for effective and efficient engagement of a large pool of user communities and all stakeholders in all the stages of the software development and innovation lifecycle. CODER is the place for changing the human mind-set using software products, systems and services. The Lab is currently supporting research in the following areas: i) human-data interaction for data literacy; ii) participatory sensing and civic tech; iii) data and technology for 'More-than-human' and sustainable urban design; iv) smart cities; v) energy citizenship.

### Areas of work

- Artificial Intelligence
- Circular Economy
- Energy
- Environment/climate change
- Mobility
- Smart Cities & Regions
- Rural areas
- Urban areas
- Zero pollution & decarbonization
- Culture & Creativity (creative sectors)
- Social innovation & inclusion

### Main expertise



Co-creation  
methods & tools



Governance  
models



Implementation  
after testing



Innovation  
strategies



Policy making



Real-life  
experimentation



Scaling-up



Service design



Stakeholder  
engagement



User & Living Lab  
research



## Finnish Network of Living Labs

**Country:** Finland

Finnish Network of Living Labs is a co-orchestrated platform of six Finnish universities of applied sciences. The platform originated at the time of the founding of ENoLL. The innovation partnership includes: Xamk South-Eastern Finland University of Applied Sciences, Haaga-Helia University of Applied Sciences, Savonia University of Applied Sciences, Centria University of Applied Sciences, Arcada University of Applied Sciences, and Häme University of Applied Sciences. The partnership embeds and develops Living Lab praxis with corporate and NGO partners in southern, eastern, and western Finland with the help of over 30 000 students and 3000 staff. The partnership is committed to: i) cooperation in national and international project planning and execution; ii) enhancing the international visibility of Finnish Living Labs; and iii) making an impact in the worldwide ENoLL community. Finnish Network of Living Labs is coordinated by Xamk. The network represents different types of Living Labs and is thus well-suited to explore best practices and exchange ideas, especially, about how to embed Living Lab methodology into local and regional development. The network operates through regular live co-learning forums which are open to international ENoLL partners in addition to online working groups.

### Areas of work

- Culture & Creativity (creative sectors)
- Health & Well Being
- Rural areas
- Smart Cities & Regions
- Children & youth

### Main expertise



Business model innovation



Co-creation methods & tools



Governance models



Impact assessments



Implementation after testing



Innovation strategies



Living Lab (projects) evaluation



Panel Management



Policy making



Real-life experimentation



Scaling-up



Service design



Stakeholder engagement



User & Living Lab research





## **Laurea Living Labs Network**

**Laurea University of Applied  
Sciences**

**Country:** Finland

[www.laurea.fi/en/research](http://www.laurea.fi/en/research)

LAUREA helps companies, public sector, academia, and citizens to co-create and pilot better innovations in various industrial domains. Living Lab provides professional know-how and education in Health and Wellbeing, Social Services, Correctional Services, Safety, Security and Risk Management, Business Management and Service Innovation, Circular Economy, Hospitality Management and Service Design, as well as Beauty and Cosmetics. LAUREA aims to make innovation more open, inclusive, and collaborative. Co-creation and experimentation do not happen without mediation. At LAUREA it is called 'orchestration'. LAUREA motivates businesses, researchers, public sector players and citizens to come together and innovate. Product development at the customer interface drastically reduces costs and time for launching. Collaboration with academia and businesses turns state-of-art research effectively into products and services. For citizens and public sector players, co-creation and innovation bring about better and more suitable services at reduced costs. Openness and free flow of information and ideas make processes more efficient and benefit all stakeholders. Adherence to open science, open innovation and open learning is LAUREA's competitive advantage. LAUREA's fields of expertise in RDI activities are holistic health and well-being, coherent security, service innovations and business models, entrepreneurship, and pedagogy.





Living Labs in



**FRANCE**



# universcience

## Universcience Living Lab

**Etablissement Public Palais de la Découverte Cité des sciences et de l'industrie**

**Country:** France

[www.cite-sciences.fr/fr/au-programme/lieux-ressources/carrefour-numerique2](http://www.cite-sciences.fr/fr/au-programme/lieux-ressources/carrefour-numerique2)

### Type of LL

Urban Living Lab;  
Living Lab as a service;  
Research driven Living Lab.

Universcience merges two Parisian science centres: i) the “Palais de la Découverte”; and ii) “la Cité des sciences et de l'industrie”. Its simple yet challenging goal is to inspire as many people as possible to be curious about the world around them, encouraging them both to marvel at science and to engage in scientific reasoning. Universcience provides: i) exhibitions accessible to all; ii) conferences, debates, events, publications; iii) spaces designed specifically for children (Cité des enfants); iv) dedicated services at the “Cité des métiers” and “Cité de la santé”; v) documentary resources with the Science Library; vi) experiments with innovative tools such as the FabLab and the Living Lab at the Carrefour numérique.

Universcience Living Lab welcomes and supports innovative projects in the fields of education, culture, entrepreneurship, social innovation and digital technologies. Visitors are involved as co-designers in the research or innovation process, influencing and bringing added value to the project.

### Areas of work

- Artificial Intelligence
- Culture & Creativity (creative sectors)
- Education and/or vocational training
- SME & Start-ups
- Social innovation & inclusion
- Urban areas
- Any proposed topic validated by the team

### Main expertise



Business model innovation



Co-creation methods & tools



Innovation strategies



Real-life experimentation



Service design



Stakeholder engagement



User & Living Lab research





## Lorraine Smart Cities Living Lab

Université de Lorraine -  
Laboratoire ERPI

**Country:** France

[www.lf2l.fr/projects/lorraine-smart-cities-living-lab](http://www.lf2l.fr/projects/lorraine-smart-cities-living-lab)

### Type of LL

Urban Living Lab;  
Living Lab as a service;  
Research driven Living Lab;  
Fab Living Lab (2D/3D/4D platform).

Based on the universality of the university and its multidisciplinary, the Lorraine Smart Cities Living Lab (LSCLL) experiments in terms of projects, governance, and support platform since 2008. The LSCLL is a collaborative resource centre of the Université de Lorraine, to support and link the various thematic and territorial labs integrating users and implementing collaborative approaches in the service of research, development of innovations, training, and a citizen culture. ENOLL member since 2010 (4th wave), the LSCLL seeks to develop Public Private Population Partnerships (PPPPs) to disseminate innovation and related practices. Since 2014, the Lorraine Fab Living Lab® (LF2L) platform strengthens the Living Lab approach. This “innovation space” provides resources and 2D/3D/4D technologies allowing prospective assessment of innovative usages. The LSCLL brings together several teams from the University of Lorraine. In 2018, INRAE Grand Est and AgroParisTech centre de Nancy joined the governance of the LSCLL as part of the national “Territories of Innovation” challenge with the “Des Hommes et des Arbres” project.

### Areas of work

- Circular Economy
- Culture & Creativity (creative sectors)
- Education and/or vocational training
- Energy
- Environment
- Health & Well Being
- Industries & Manufacturing
- Mobility
- Rural areas
- Smart Cities & Regions
- SME & Start-ups
- Social innovation & inclusion
- Urban areas
- Zero pollution & decarbonization

### Main expertise



Business model  
innovation



Co-creation  
methods & tools



Governance  
models



Impact  
assessments



Implementation  
after testing



Innovation  
strategies



Living Lab (projects)  
evaluation



Panel  
Management



Policy making



Real-life  
experimentation



Scaling-up



Service design



Stakeholder  
engagement



User & Living Lab  
research





## ICT Usage Lab

**Centre Inria d'Université  
Côte d'Azur**

**Country:** France

[www.ictusagelab.fr](http://www.ictusagelab.fr)

ICT Usage Lab promotes multidisciplinary studies on usage-based innovation and coordinates researchers from different fields: artificial intelligence, computer science, data science, educational science, cognitive psychology and ergonomics, sociology, economics, etc. ICT Usage Lab aims at sharing its infrastructure (hardware, software, tools, etc.), as well as experiences and know-how. ICT Usage Lab is tackling challenges mainly in the field of digital science education: it aims at co-creating new educational materials in digital science with many involved actors (e.g. teachers, researchers, associations, entrepreneurs) to make people (children, pupils, students, citizens) understand the basics of computer science and to facilitate the dissemination of the digital science culture. The approach remains multidisciplinary and considers the latest research in innovative training, pedagogy and education. In parallel, the ICT Usage Lab also trains teachers in these new innovative teaching methods.

### Areas of work

- Agriculture & (Agri-)Food
- Artificial Intelligence
- Culture & Creativity (creative sectors)
- Education and/or vocational training
- Environment/climate change
- Health & Well Being
- SME & Start-ups
- Social innovation & inclusion
- Numeric manufacturing (via fablab), digital services and products

### Main expertise







## Brie'Nov

### Brie'Nov

**Country:** France

[www.brienov.fr](http://www.brienov.fr)

### Type of LL

Rural Living Lab.

Brie'Nov is an ecosystem of territorial and social innovation, both civic and digital. It is a melting pot that brings together various stakeholders (central place of the user). The Living Lab label encourages research, development, and collaboration. B'N promotes the challenge of digital as an opportunity for opening up and re-socializing. Brie'Nov is made up of entrepreneurs, local politicians, non-profit organizations, researchers, teachers and local residents. Main axes of work are based on a tripartite "bet" underpinning several projects: i) high-speed digital networks as a vector for overall development; ii) high-speed digital networks as a vector for opening up backwaters; iii) high-speed digital networks as a vector for social reintegration. Brie'Nov has also been labelled a Territory Factory ([www.fabrique77.fr](http://www.fabrique77.fr)) and Territorial Pole of Economic Cooperation. These two national systems enable the Living Lab to accelerate various projects.

### Areas of work

- Circular Economy
- Culture & Creativity (creative sectors)
- Education and/or vocational training
- Mobility
- Rural areas
- Social innovation & inclusion
- Environment

### Main expertise



Business model innovation



Co-creation methods & tools



Governance models



Implementation after testing



Innovation strategies



Living Lab (projects) evaluation



Policy making



Real-life experimentation



Service design



Stakeholder engagement



User & Living Lab research





## Earth observation Living Labs

### E2L Earth observation Living Labs

#### E2L Earth observation Living Labs

**Country:** France

[www.e2l-coop.eu](http://www.e2l-coop.eu)

#### Type of LL

Living Lab as a service;  
Living testbed;  
Research driven Living Lab.

The aim of the cooperative society Earth observation Living Labs (E2L) is to develop the use of space technologies based on the tools of geospatial information, to serve rural territories, by co-designing innovative solutions to create value and to improve existing practices. The central idea of the Living Lab focuses on the concept of regional Living Labs: E2L proposes a set of contexts (ways of expressing requirements for users, testing and demonstrations), to prove the usefulness of the applications of research and development activities in space technologies. The aim of E2L is to support the creation of new services by placing the end user in the position of being a co-developer on the scale of publicly managed territories. E2L continues to develop the method initiated in the area of Pays Portes de Gascogne which has been the creation of a Pôle d'Expérimentation et d'Application des technologies spatiales – PATS (an experimentation cluster on the use of space technologies). This cluster functions as an instrument enabling the adaptation of structural changes of the local economy to help emerging a new dynamic and competitive knowledge economy, based on the ability to experiment, on the local/regional scale. It supports research and technological development projects, whose strong potential of recovery depends on the transferability of its results to companies. Simultaneously, it encourages companies to enrol in the dynamics of research activities.

#### Areas of work

- Agriculture & (Agri-)Food
- Energy
- Environment
- Water (Blue economy)
- Social innovation & inclusion
- Smart Cities & Regions
- Rural areas

#### Main expertise



Business model innovation



Co-creation methods & tools



Governance models



Impact assessments



Innovation strategies



Living Lab (projects) evaluation



Panel Management



Real-life experimentation



Service design



Stakeholder engagement



User & Living Lab research





## Gérontopôle Nouvelle-Aquitaine

### Gérontopôle Nouvelle-Aquitaine

**Country:** France

[www.gerontopole-na.fr](http://www.gerontopole-na.fr)

### Type of LL

Living Lab as a service.

Gérontopôle Nouvelle-Aquitaine is a Public Group of Interest working in the field of innovation for Active and Healthy Ageing, funded by Regional Council of Nouvelle Aquitaine and Regional Health Authority. The aim of Gérontopôle NA is to federate all stakeholders working in Active and Healthy Ageing: Users representatives, Research, Care, Training, Companies, Policies, all innovative projects. Thanks to its user-centred, cross-sectional and pragmatic approach for innovation in health and autonomy, Gérontopôle NA aims to support the development of new devices and services by involving users and professionals. Its main missions are: i) mediation between stakeholders (professionals, policy makers, users, companies...); ii) identification, analysis and transfer of usage to Industry stakeholders; iii) support in setting up collaborative projects in the field of technological, social, organisational and usage innovation, until their evaluation.

### Areas of work

- Artificial Intelligence
- Education and/or vocational training
- Environment
- Health & Well Being
- Mobility
- Rural areas
- Smart Cities & Regions
- SME & Start-ups
- Social innovation & inclusion
- Urban areas

### Main expertise



Co-creation  
methods & tools



Innovation  
strategies



Living Lab (projects)  
evaluation



Panel  
Management



Real-life  
experimentation



Service design



Stakeholder  
engagement



User & Living Lab  
research



# LIVING LAB SAINT-VICTOR



## Living Lab Saint Victor

Chu Amiens

**Country:** France

### Type of LL

Living Lab as a service;  
Research driven Living Lab.

Living Lab Saint Victor is situated In Amiens, France. Its easily accessible facilities and infrastructures are included in the University Hospital of Amiens and are adapted to conduct ecological studies in various living places, inpatients and outpatients wards.

Living Lab Saint Victor objective is to be an efficient structure to test collaboratively from experimentation to use value, an idea, a technology or a solution and researches focused on technology for older adults and their caregivers. Living Lab Saint Victor provide expertise at different stages of the process. Living Lab aims to become a meeting place where actors from different disciplines, expertise and perspectives, will mutually enrich each other while collaborating together, and finally to attract investors and partners.

### Areas of work

- Artificial Intelligence
- Health & Well Being
- Media
- Mobility
- Regulatory learning (policy making)
- Smart Cities & Regions
- Social innovation & inclusion

### Main expertise



Co-creation  
methods & tools



Impact  
assessments



Implementation  
after testing



Innovation  
strategies



Living Lab (projects)  
evaluation



Policy making



Real-life  
experimentation



User & Living Lab  
research





# LA FABRIQUE DU FUTUR

## La Fabrique du Futur La Fabrique du Futur

**Country:** France

[www.lafabriquedufutur.global](http://www.lafabriquedufutur.global)

### Type of LL

Living Lab as a service;  
Research driven Living Lab.

The mission of La Fabrique du Futur is to help organisations (local authorities, companies, NGOs) to imagine and build desirable futures. The Living Lab promotes co-creation and collective intelligence. It is committed to “Techs for Good” approaches such as the use of 3D, virtual reality and metaverses. La Fabrique du Futur is promoting the concept of distributed Living Lab to accompany better the ongoing transitions needed by our planet.

### Areas of work

- Artificial Intelligence
- Circular Economy
- Culture & Creativity (creative sectors)
- Education and/or vocational training
- Social innovation & inclusion
- SME & Start-ups
- Smart Cities & Regions

### Main expertise



Business model  
innovation



Co-creation  
methods & tools



Governance  
models



Impact  
assessments



Implementation  
after testing



Innovation  
strategies



Living Lab (projects)  
evaluation



Panel  
Management



Policy making



Real-life  
experimentation



Scaling-up



Service design



Stakeholder  
engagement



User & Living Lab  
research





## Smart City Living Lab Dédale

**Country:** France

[www.dedale.info/\\_objets/medias/autres/rosalab-tract-a5-sept2021-ecran-1223.pdf](http://www.dedale.info/_objets/medias/autres/rosalab-tract-a5-sept2021-ecran-1223.pdf)

### Type of LL

Urban living lab.

The SmartCity Living Lab invites creative people, companies, researchers, and urban planners to come and test in situ and in vivo innovative solutions and services. The main themes of the SmartCity Living Lab are public space, circular economy, sustainable city, zero carbon, mobility, urban agriculture, citizen participation, smart city, sport and culture. The SmartCity Living Lab is financed by the Region (PICRI), the Ministry of Culture, and Europe (eContent+). It has enabled the implementation of experiments in the heart of the campus of the Cité Internationale Universitaire and has laid the foundations of the first urban Living Lab in Paris: i) these experiments accompany the territorial development and urban projects of the Greater Paris region and take the form of pilots and prototypes involving local actors, users, and inhabitants of the concerned territories; ii) these experiments have led to the development of digital tools in the context of participatory approaches involving the inhabitants and users of Paris and the southern suburbs and allowed Dédale to initiate Domaine Public, a research and experimentation programme on public space.

### Areas of work

- Smart Cities & Regions
- Urban areas
- Social innovation & inclusion
- Mobility
- Environment/climate change
- Education and/or vocational training
- Circular Economy
- Culture & Creativity (creative sectors)

### Main expertise



Co-creation  
methods & tools



Governance  
models



Impact  
assessments



Implementation  
after testing



Innovation  
strategies



Living Lab (projects)  
evaluation



Panel  
Management



Policy making



Real-life  
experimentation



Scaling-up



Service design



Stakeholder  
engagement



User & Living Lab  
research





## Normandy Living Lab

### Pôle TES

**Country:** France

[www.pole-tes.com](http://www.pole-tes.com)

### Type of LL

Living testbed.

Normandy Living Lab's focus is on the efficient development of innovative products and services in the fields of digital agriculture, industry, health, smart territories, and creative digital content, by systematically placing the product or service user at the heart of the innovation process. Thanks to its wide variety of members and its continuous work with local authorities and communities, NLL is building a life-size testing environment covering all of Normandy. That way, it aims at being a vector for the co-creation of digital innovations, between designers and end-users, for a wide number of economic sectors.

### Areas of work

- Agriculture & (Agri-)Food
- Artificial Intelligence
- Circular Economy
- Culture & Creativity (creative sectors)
- Health & Well Being
- Media
- Mobility
- Rural areas
- Smart Cities & Regions
- SME & Start-ups
- Industries & Manufacturing
- Urban areas
- Education and/or vocational training
- Energy
- Tourism, Cybersecurity

### Main expertise



Business model  
innovation



Co-creation  
methods & tools



Governance  
models



Impact  
assessments



Implementation  
after testing



Innovation  
strategies



Living Lab (projects)  
evaluation



Real-life  
experimentation



Service design



Stakeholder  
engagement



User & Living Lab  
research





## MedTechLab®

Ecole Nationale Supérieure  
des Mines de Saint Etienne  
(Ecole de l'Institut Mines-  
Télécom) & AESIO Santé

**Country:** France

[www.aesio-sante.fr/  
medtechlab](http://www.aesio-sante.fr/medtechlab)

### Type of LL

Living testbed;  
Living Lab as a service;  
Research driven Living Lab.

MedTechLab® is an interdisciplinary meeting space to think, to co-create, to model, to test, to experiment, and to assess the use of products and/or services incorporating new technologies in the fields of Health and Autonomy in a controlled environment and in a real-life environment. Human resources, areas and equipment are dedicated to MedTechLab®. MedTechLab® provides collective intelligent workshops based on Design Thinking methodology. In addition, MedTechLab® has a testbed consisting in a “smart apartment” equipped with different sensors (presence sensor/ motion sensor) and cameras/analysers. The partnership between AESIO Santé and Mines - Saint Etienne is a major advantage. Engineers, scientists, students, and pedagogical engineers are available through the partnership with Ecole Nationale Supérieure des Mines de Saint-Etienne (Mines Saint-Etienne). Users and Health Professionals (general practitioners, medical specialists, healthcare assistants...) are available through the partnership with AESIO Santé. The test-bed available in the Living Lab, MedTechLab®, is the opportunity to test products and/or services in a controlled environment. Experiments, in a real-life environment, are conducted in medico-social and health-care establishments.

### Areas of work

- Health & Well Being
- Artificial Intelligence
- SME & Start-up

### Main expertise



Business model  
innovation



Co-creation  
methods & tools



Governance  
models



Impact  
assessments



Implementation  
after testing



Innovation  
strategies



Living Lab (projects)  
evaluation



Panel  
Management



Real-life  
experimentation



Scaling-up



Service design



Stakeholder  
engagement



User & Living Lab  
research



**Aktan****Aktan****Country:** France[www.aktan.fr](http://www.aktan.fr)

The Aktan Living Lab started by gathering of local actors. Today the Living Lab is a part of the company Aktan (one of the founders). As a SME, Aktan leads some Smart City projects with clusters, local governments and other companies. Aktan focuses primarily on creating mobile tools. Aktan's methodology is based on a human-centric approach with some service design tools. Aktan creates short (15min) and playful animations to help people express themselves, and have a good time. This approach encourages participants to express their wants and needs. For certain issues, participants are also encouraged to develop their solutions. Overall, Aktan's goal is to enable users to immerse and express themselves, create, and interact with others.





**Design Creative City  
Living Lab  
Cité du design**

**Country:** France

[www.citedudesign.com](http://www.citedudesign.com)

The Design Creative City Living Lab overcomes systemic failures in the innovation process by involving users at an early stage of the development phase, and by creating a trusted environment where small as well as large business stakeholders can meet in a trusted environment, and test out innovative products, services and business models. It also provides a platform for constructive technology assessment and for exploring societal and policy goals related to ICT and Human Adapted Design innovation in an urban context.





**ICM cLLAPS**  
**LivinLab@**  
**PitiéSalpêtrière**  
**Brain and Spine Institute**

**Country:** France

The cLLAPS Living Lab was created in 2015 by the ICM and the APHP and is located at the center of the Pitié-Salpêtrière nervous system diseases center. Its objective is to imagine and propose innovations (technologies, products, services) to meet the concrete needs of the chain of care in neurology and psychiatry. cLLAPS articulates its service activity according to 4 activities: i) problematization: identify real problems, felt as such by the populations or by the professional communities, beyond the published figures; ii) ideation: share with the people concerned and develop the intentions of the solution by showing the concepts and confronting them with practices, cultures, real aspirations; iii) prototyping: show, manipulate, experiment all or part of the solution to ensure that it is relevant, that it makes sense, that future users are ready to use it; iv) evaluation: ensure that the promises of partial experiments in a controlled environment are kept in real life and that an appropriation does take place, subject to possible adaptations.





## **Nantes City Lab** **Nantes Metropole**

**Country:** France

[www.metropole.nantes.fr/  
nantes-city-lab](http://www.metropole.nantes.fr/nantes-city-lab)

Nantes City Lab is a territory of the Metropolis which becomes the testing ground for innovation. Nantes City Lab has experimental sites, equipment, data and engineering to test and accelerate and scale up the concept. The entire territory of the Nantes metropolitan area is the experimentation ground for promoters of innovative projects. The Nantes City Lab team facilitates the emergence of projects providing project leaders with a set of experimentation sites, equipment and data to test and accelerate their concepts in real conditions. The City Lab of Nantes organizes experiments throughout its territory and takes it as a playground in situ and in vivo, at the service of innovation and economic attractiveness and at the construction of the sustainable design of the city.



**Pasteur Innovative  
Living Lab of Nice  
CNR Santé (National  
Reference Centre for  
Homecare and Independent  
Living)**

**Country:** France

Created in 2009 by the French Ministry of the Economy, Industry and Employment, the CNR Santé (National Reference Centre for Homecare and Independent Living) is an association that brings together a large number of stakeholders focused on healthcare innovation. As part of the portfolio of CNR offerings, “PAILLON 2020” Living Lab fosters the emergence and growth of digital technologies in the domain of Homecare and Independent Living. The Healthcare Innovation Center that hosts the Living Lab was launched in 2015 and is co-run by the Healthcare Directorate and the Nice Metropolis. The aim of the Healthcare Innovation Center is to establish an ecosystem of innovative companies, researchers and institutions focused on the field of ageing, autonomy, digital healthcare, as well as social innovations in health. Living Lab PAILLON 2020 located in close proximity to the newest hospital in Nice (Hôpital Pasteur 2) and is geared for evaluation, discovery and uptake of innovative healthcare technologies, in particular, devices used by patients in their homes. The Living Lab is equipped with a model apartment that is designed as a showcase and a testing platform for technologies supporting independent living and autonomy.





Université Du Domicile

*Campus Alençon*

**UDD - Université du  
Domicile**  
**IPERIA l'Institut**

**Country:** France

[www.iperia.eu](http://www.iperia.eu)

UDD is hosted by Iperia l'Institut, an association which has been contributing to the professionalization of domestic work for more than 20 years by providing training and certification. UDD works in the field of well-being and social innovation. UDD focuses on skills&home. UDD explores the invisible practices, activities, and skills, that are developed at home and that people do unconsciously. Living Lab's main goal is to offer value, and to co-create trainings, products, services and good practices, to give people solutions to benefit from all of them. This will also enable the professionalization of domestic abilities. The UDD has the capabilities to create user-centred solutions to help people to live better at home.





## Healthy Ageing and Well-Being Living Lab (HA&WB LL)

Gérontopôle Auvergne Rhône-Alpes (Gérontopôle AURA)

**Country:** France

The Healthy Ageing and Well-Being Living Lab (HA&WB LL) is supported by a non-profit organization the Gérontopôle Auvergne Rhône-Alpes (Gérontopôle AURA). The objective of the Healthy Ageing and Well-Being Living Lab is to explore and achieve, policies and business goals related to health, well-being and active ageing, as well as social inclusion of seniors. HA&WB Living Lab is established as a nucleus for open innovation activities and as a repository of relevant knowledge and expertise. It sets up, coordinates, facilitates and manages research using various settings.





## Ocean Living Lab

**Country:** France

OCEAN Living Lab aims at making the Basque Country a land of excellence for co-conception and experimentation in real conditions of new products and services in water sports by developing optimal conditions for all kinds of users in terms. OCEAN LL is a cross-border association with 10 founding members (public authorities, private companies, universities, and user communities). They all have developed the expertise and infrastructures that make the Basque coast a top destination for water sports. It now encompasses a complete ecosystem that includes co-development structures situated within a radius of 50 km on either side of the border: i) 500 companies including 2 world headquarters of major sport and leisure industry groups: Tribord and Quiksilver; ii) academic resources specialised in the field of action sports (e.g. University of Bordeaux's Master degree in Management and Engineering of sports in Bayonne); iii) a complete innovation system including the Halle CREATIVE (2500 sqm FabLab industrial space), prototyping workshops and a development platform; iv) its natural heritage from Zarautz to Hossegor (6 marinas with 1,600 berths, 40 safe and secure beaches) and now 5 testing sites in real conditions; v) involvement of the network of thousands of users who practice such sports.





Living Labs in



**GERMANY**



# PRA XLABS

## PRAXLABS

**University of Siegen,  
Institute of Information  
Systems and New Media**

**Country:** Germany

[www.praxlabs.de/en](http://www.praxlabs.de/en)

PRAXLABS are a network of excellence with an open and integrative test bed for exploring and developing new technologies in practice. They have been launched in the area of Siegen-Wittgenstein and Dortmund in the end of 2009. PRAXLABS consist of different infrastructures, which offer real-world environments as well as controlled lab-settings to design and evaluate new ICT-concepts. The main focus is on user participation and co-creation processes where several stakeholders are involved.

### Type of LL

Living Lab as a service;  
Research driven Living Lab;  
Rural Living Lab.

### Areas of work

- Artificial Intelligence
- Culture & Creativity (creative sectors)
- Education and/or vocational training
- Energy
- Environment
- Health & Well Being
- Industries & Manufacturing
- Mobility
- Rural areas
- SME & Start-ups
- Social innovation & inclusion
- Zero pollution & decarbonization

### Main expertise



Business model  
innovation



Co-creation  
methods & tools



Governance  
models



Impact  
assessments



Implementation  
after testing



Innovation  
strategies



Living Lab (projects)  
evaluation



Panel  
Management



Policy making



Real-life  
experimentation



Scaling-up



Service design



Stakeholder  
engagement



User & Living Lab  
research



# SmartFactoryOWL

## SmartFactoryOWL Fraunhofer IOSB-INA

**Country:** Germany

[www.smartfactory-owl.de](http://www.smartfactory-owl.de)

### Type of LL

Living testbed; Production.

The SmartFactoryOWL is the real lab for industry 4.0 in Ostwestfalen-Lippe and offers companies and research institutions extensive possibilities and services for the co-creation of the factory of the future. The joint institution of the Fraunhofer IOSB-INA and the OWL University of Applied Sciences in Lemgo follows the three pillars: research, qualification, and transfer of technologies of the digital industry. In these three fields, SmartFactoryOWL provides answers to many questions and inspiration for your own development, demonstrating it in a worldwide unique Industry 4.0 infrastructure. What do you find there? On highly attractive research, production, and seminar areas, SmartFactoryOWL informs you about research results in the areas of digital transformation of the industry, future of work and process optimization. On 2000 sqm production and innovation area, technologies are presented in a way that you can experience their benefits first hand. SmartFactoryOWL helps companies to identify fields of action in the transfer of knowledge and technology and in the implementation of projects by matching them with experts in a suitable way.

### Areas of work

- Artificial Intelligence
- Circular Economy
- Energy
- Industries & Manufacturing
- SME & Start-ups

### Main expertise



Business model  
innovation



Co-creation  
methods & tools



Impact  
assessments



Implementation  
after testing



Innovation  
strategies



Living lab (projects)  
Living Labation



Real-life  
experimentation



Stakeholder  
engagement



User & Living Lab  
research



# K8

## K8 Institut fuer strategische Aesthetik gGmbH K8

**Country:** Germany

[www.k8.design/k8-english](http://www.k8.design/k8-english)

### Type of LL

Research driven Living Lab.

As a “transformation organization”, K8 focuses on cross-sector involvement in processes of change. Transformation is understood as a combination of 5 fields of action. At the center of all transformation processes are people acting individually and collectively. K8 therefore explores and develops complementary forms of collective, public, data-based, value-creating and sustainable action. Each field of action can become the lead dimension (depending on the context), and the other focal points can then be used to identify concrete options for action. Because they focus on different social contexts, these fields of action also refer to complementary dimensions of social impact.

### Areas of work

- Artificial Intelligence
- Circular Economy
- Culture & Creativity (creative sectors)
- Health & Well Being
- Media
- Regulatory learning (policy making)
- Smart Cities & Regions
- SME & Start-ups
- Social innovation & inclusion

### Main expertise



Business model  
innovation



Co-creation  
methods & tools



Governance  
models



Innovation  
strategies



Living Lab (projects)  
evaluation



Real-life  
experimentation



Scaling-up



Service design



Stakeholder  
engagement



User & living lab  
research





Living  
Labs  
Incubator

**RWTH**AACHEN  
UNIVERSITY

## Living Labs Incubator RWTH Aachen University

**Country:** Germany

[www.humtec.rwth-aachen.de/LLI](http://www.humtec.rwth-aachen.de/LLI)

### Type of LL

Research focused  
observatory of Living Labs.

Recognising the key role that Living Labs play in mission-driven and impact-focused research, the Living Labs Incubator (LLI) studies and supports Living Labs connected with RWTH Aachen University, the largest technical university in Germany. The main goals of the LLI are: i) to form a network of existing and emerging Living Labs; ii) to develop adequate Living Lab research and evaluation methods; and iii) to establish a Living Lab Training Center supporting transdisciplinarity research in Living Labs. Facing up to global sustainability challenges in a region undergoing deep structural changes, the LLI seeks to effectively strengthen the local, regional and national innovation ecosystem that RWTH Aachen University forms an integral part of. By facilitating peer-learning, offering conceptual tools and methodological support and reflecting on political and epistemic dimensions, the LLI provides a unique knowledge platform dedicated to Living Lab research based at a technical university. The LLI is funded as part of the Excellence Strategy by the German federal and state governments, which aims to promote cutting-edge inter- and transdisciplinary research.

### Areas of work

- Education and/or vocational training
- Energy
- Environment/climate change
- Health & Well Being
- Industries & Manufacturing
- Mobility
- Regulatory learning (policy making)
- Rural areas
- Smart Cities & Regions
- Social innovation & inclusion
- Zero pollution & decarbonization
- Water (Blue economy)

### Main expertise



Co-creation  
methods & tools



Living lab (projects)  
evaluation



Living Lab  
Service design



Stakeholder  
engagement



User & Living Lab  
research

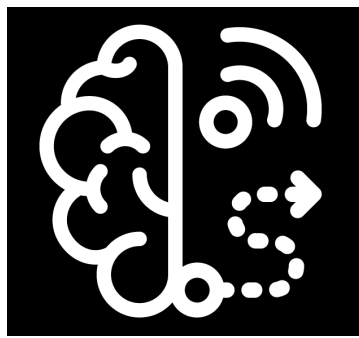




Living Labs in

**GREECE**





## Thessaloniki Smart Mobility Living Lab

Centre for Research and Technology Hellas - Hellenic Institute of Transport (CERTH - HIT)

**Country:** Greece

[www.smartmlab.imet.gr](http://www.smartmlab.imet.gr)

### Type of LL

Urban Living Lab.

Thessaloniki Smart Mobility Living Lab is one of Europe's largest Living Labs on mobility. The entire city of Thessaloniki is a platform for testing technological and innovative solutions for shared and on-demand mobility, cooperative and autonomous vehicles and will soon be extended to freight transport. Thessaloniki is in the list of smart cities in the mobility sector, and this would not have been possible without the involvement of the bodies that make up the ecosystem of the city, which has been created over the last decade and is constantly growing. In this ecosystem, various mobility operators and technology providers are engaged in providing data and expertise to create the right conditions for the exploitation of this infrastructure for the benefit of the whole ecosystem, which has the citizens at its center. The Thessaloniki Smart Mobility Living Lab includes, among others: i) extended IoT equipment in vehicles (bikes, e-scooters, taxis and trains) and in the city streets (Bluetooth detectors, cameras, radars); ii) real time traffic data in the whole Region of Central Macedonia (including travel time along pre-defined routes and traffic speed in road segments); iii) short-term predictions of traffic conditions and travel time based on multi-source data; iv) mobility and activity patterns extraction and analysis.

### Areas of work

- Mobility
- Smart Cities & Regions
- Urban areas
- Zero pollution & decarbonization
- Social innovation & inclusion
- SME & Start-ups

### Main expertise



Business model innovation



Co-creation methods & tools



Governance models



Impact assessments



Implementation after testing



Innovation strategies



Living Lab (projects) evaluation



Panel Management



Policy making



Real-life experimentation



Scaling-up



Service design



Stakeholder engagement



User & Living Lab research





**Thessaloniki  
Action for Health &  
Wellbeing Living Lab**  
Lab of Medical Physics and  
Digital Innovation, School  
of Medicine Aristotle  
University of Thessaloniki

**Country:** Greece

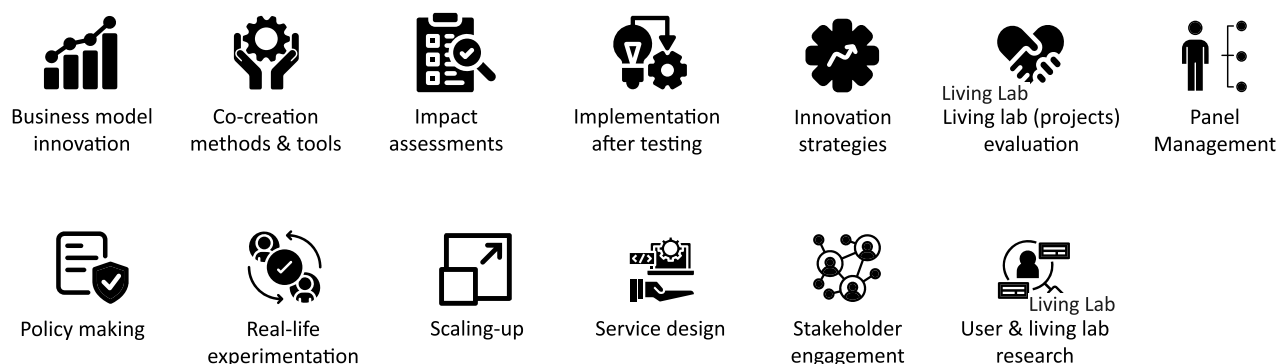
[www.thessahall.com](http://www.thessahall.com)

The Thessaloniki Action for Health & Wellbeing Living Lab (Thess-AHALL) - previously Thessaloniki Active & Healthy Ageing Living Lab, operational since 2014, is a unique research and innovation setting in the City of Thessaloniki. The Living Lab fosters initiatives encouraging regional development and sustainability of novel technologies in the Health & Wellbeing domain, focusing on the physical, mental, as well as social health, the Active & Healthy Ageing (AHA) and the enhancement of the Quality of Life. The Thess-AHALL is actively pursuing co-creation and co-design of technological solutions to improve health and social conditions for older adults, chronic patients & other vulnerable populations and facilitate independent living, as well as to up-skill and empower the current and future healthcare workforce. Nowadays, Thess-AHALL expands its activities from the AHA field to the oncology-focused LL research, the agri-food sector, as well as the urban resilience & environmental change, the mass communication and culture (art, museums, libraries), which act as drivers to enhance health & wellbeing within the metropolitan area of Thessaloniki.

**Areas of work**

- Agriculture & (Agri-)Food
- Artificial Intelligence
- Culture & Creativity (creative sectors)
- Education and/or vocational training
- Environment/climate change
- Health & Well Being
- Media
- SME & Start-ups
- Social innovation & inclusion
- Urban areas

**Main expertise**







Living Labs in



**HUNGARY**





## Well-being Living Lab Nagykovácsi

TREBAG Intellectual property- and Project Manager Ltd

**Country:** Hungary

[www.trebag.hu](http://www.trebag.hu)

### Type of LL

Research driven Living Lab;  
Rural Living Lab;  
Innovation driven Living Lab;  
Living Lab as a service.

The mission of the Well-being Living Lab Nagykovácsi is to carry out and participate in R&D activities that can be used to improve people's well-being and quality of life in many areas of life. Its mission is to develop, deliver, apply and disseminate new services and methods (e.g. through education) using the results of R&D activities.

### Areas of work

- Agriculture & (Agri-)Food
- Culture & Creativity (creative sectors)
- Education and/or vocational training
- Environment
- Health & Well Being
- Industries & Manufacturing
- SME & Start-ups
- Social innovation & inclusion
- Rural areas

### Main expertise



Business model innovation



Co-creation methods & tools



Impact assessments



Implementation after testing



Innovation strategies



Living Lab (projects) evaluation



Service design



User & Living Lab research





## ÖMKi On-farm Living Lab

### Hungarian Research Institute of Organic Agriculture

**Country:** Hungary

[www.biokutatas.hu](http://www.biokutatas.hu)

#### Type of LL

Research driven Living Lab.

ÖMKi's On-farm Living Lab is an agroecology-focused nationwide participatory experimentation network which includes a variety of field trials and technology tests co-designed and co-implemented with farmers in Hungary, with the aim to promote agro-ecological transition. It works since 2012 in the field of arable crops, horticulture, viticulture, apiculture, and since 2020 also animal husbandry. In frame of the On-farm Living Lab, the Living Lab tests in different sub-networks how new products, practices and technological innovations perform under the diversity of everyday farming. Participating farmers gain feedback directly from their own production experiences, land, and technology creating space for open innovation and dynamic knowledge co-creation between farmers, researchers, and other stakeholders of the value chains. At the same time, the results give a broader picture of Hungarian organic and agroecological production practices and locally applicable solutions.

#### Areas of work

- Agriculture & (Agri-)Food

#### Main expertise



Co-creation  
methods & tools



Implementation  
after testing



Innovation  
strategies



Living Lab (projects)  
evaluation



Policy making



Real-life  
experimentation



Scaling-up



Service design



Stakeholder  
engagement



User & Living Lab  
research





Living Labs in

The logo is a yellow circular icon with a white building silhouette inside, resembling a location pin.

# IRELAND





**Citizen Innovation Lab**

**Limerick City and County Council and University of Limerick**

**Country:** Ireland

[www.citizeninnovationlab.ie](http://www.citizeninnovationlab.ie)

**Type of LL**







Urban Living Lab;  
Research driven Living Lab.

Limerick’s Citizen Innovation Lab is a place for observation, co-creation, and experimentation. It is a space where people can take part in activities to help shape a sustainable future for the city. A future where Limerick can become more beautiful, sustainable, and inclusive. Through the Citizen Innovation Lab people can work together to explore local responses to the challenges we face. Challenges like climate change. Limerick is to become a climate-neutral city by 2050. This means some things will change through a process called decarbonisation. There will be new technologies, new opportunities, and changes in our day-to-day lives. The goal of the Citizen Innovation Lab is to help empower people in Limerick to take part, to co-create this future together. The Citizen Innovation Lab includes a Citizens’ Observatory, an Engagement Hub, a digital platform, and a programme of engagement. It is co-located with the School of Architecture at University of Limerick’s Fab Lab Limerick and operates as a collaboration between Limerick City and County Council and the University of Limerick.

**Areas of work**

- Culture & Creativity (creative sectors)
- Energy
- Environment
- Circular Economy
- Smart Cities & Regions
- Social innovation & inclusion
- Zero pollution & decarbonization
- SME & Start-ups
- Regulatory learning (policy making)
- Mobility
- Artificial Intelligence
- Urban areas

**Main expertise**

					
Co-creation methods & tools	Innovation strategies	Panel Management	Policy making	Real-life experimentation	Stakeholder engagement





## NetwellCASALA Dundalk Institute of Technology

**Country:** Ireland

[www.netwellcasala.org](http://www.netwellcasala.org)

### Type of LL

Research driven Living Lab.

NetwellCASALA at Dundalk Institute of Technology is a research centre and Living Lab where digital health and wellbeing solutions are designed, developed, tested and tried with and for older people, and those who care for and about them, to empower and support better and longer living in the community. The Living Lab works collaboratively with multiple stakeholders in the public and private sectors, academia, and most importantly, with citizen end-users. It is committed to ensuring those most impacted by the work have an opportunity to contribute to person-centred research, through public and patient involvement (PPI) across different projects. Led by Suzanne Smith, the research-driven Living Lab co-produces innovative solutions with citizens, academia and the public, private and voluntary sectors focussed on Connected Age-Friendly Communities to support longer living in smarter places. Methods and tools are user and citizen-centred, applied in real-world contexts as well as in the Innovation and Performance Lab, and focused on co-production and knowledge valorisation of innovative solutions.

### Areas of work

- Health & Well Being
- Digital/Connected Health & Wellbeing and Ageing

### Main expertise



Co-creation  
methods & tools



Impact  
assessments



Implementation  
after testing



Panel  
Management



Real-life  
experimentation



Stakeholder  
engagement



User & Living Lab  
research





## Atlantic Innovation Region

### Western Development Commission

**Country:** Ireland

[www.westerndevelopment.ie](http://www.westerndevelopment.ie)

### Type of LL

Living Lab as a service;  
Research driven Living Lab;  
Living testbed.

The WDC's remit covers the seven counties primarily on the Atlantic coast of Ireland: Donegal, Leitrim, Sligo, Roscommon, Mayo, Galway, and Clare. Its strategic themes for 2019-2024 are: i) Regional Promotion, ii) Regional Leadership, and iii) Sustainable Enterprise. The WDC's role is that of an Orchestrator that enables this region to stimulate new social/business, innovations, partnerships, initiate experiments, and Living Labs, and foster a vibrant ecosystem across the region with global links and recognition. The most important characteristic of the AIR Living lab is the network it creates for multiple actors to come together to test innovative solutions to societal problems. Using a quadruple helix approach, the Lab acts as an orchestrator to bring together cross-cutting competencies in creativity, data, sensors, and mobility to tackle emerging challenges in vertical industries such as healthcare, energy generation, and transport. Network allows the actors to work with industry, Academia and civic society in a way that combines local knowledge and sectoral expertise to identify challenges and to source partners to solve these challenges. The Lab is also linked to the WDC Investment Fund, providing a path to scaling for successful start-up ideas that emerge from experiments. Furthermore, because the Lab is virtual, it is scalable, builds on existing resources and does not compete with existing actors but complements them and develops synergies.

### Areas of work

- Artificial Intelligence
- Energy
- Health & Well Being
- Mobility
- Smart Cities & Regions
- SME & Start-ups
- Social innovation & inclusion

### Main expertise



Business model  
innovation



Co-creation  
methods & tools



Governance  
models



Innovation  
strategies



Living Lab (projects)  
evaluation



Policy making



Real-life  
experimentation



Stakeholder  
engagement



User & living lab  
research





## Dingle Peninsula Dingle Hub

**Country:** Ireland

[www.dinglehub.com](http://www.dinglehub.com)

### Type of LL

Rural Living Lab;  
Living testbed.

The vision of Dingle Hub is to build a creative, liveable, and sustainable community, fostering a vibrant and diverse ecosystem of stakeholders to facilitate the creation and maintenance of well-paid, year-round incomes on the Dingle Peninsula. Dingle Peninsula Living Lab has developed an innovative model of Remote Regional Development. It balances highly structured focus, anchored in core pillars, with a flexibility of delivery across processes and partnerships. It builds on existing assets and continuously shares outputs and learnings. Dingle Peninsula Living Lab applies a flexible multi-layered approach building on the local; attracting the new, building networks of resources and capabilities aspiring to, primed for and delivering entrepreneurial growth of sustainable enterprise (private and social). Engagement at all levels – community, research, industry, and policymaker – is central to this story and has led to a hybrid top-down meets bottom-up approach that is achieving concrete results and providing value for all stakeholders. Dingle Peninsula Living Lab aims to achieve: i) a vibrant, strongly networked, transition-engaged community with a robust co-created vision of the future for the community; ii) sustainable strategies bringing that co-created vision into reality; iii) employment impact of 200+ jobs; iv) enabling conditions for 200+ new Connected (Home) Working incomes to be sustained on the Peninsula.

### Areas of work

- Agriculture & (Agri-)Food
- Circular Economy
- Culture & Creativity (creative sectors)
- Energy
- Environment/climate change
- Mobility
- Rural areas
- Social innovation & inclusion

### Main expertise



Co-creation  
methods & tools



Governance  
models



Impact  
assessments



Innovation  
strategies



Living Lab (projects)  
evaluation



Panel  
Management



Policy making



Real-life  
experimentation



Stakeholder  
engagement



User & Living Lab  
research





Living Labs in  
**ITALY**





## Torino City Lab City of Turin

**Country:** Italy

[www.torinocitylab.it](http://www.torinocitylab.it)

### Type of LL

Urban Living Lab.

Torino City lab works as a real-life laboratory open to all companies interested in testing “innovative solutions of public interest in Turin”. Specific challenges or priority areas can be identified periodically and allow starting “thematic laboratories”. Torino City Lab (TCL) is an initiative-platform aimed at creating simplified conditions for companies interested in conducting testing in real conditions of innovative solutions for urban living. The initiative was launched in 2018 by the City of Turin and today has about 90 international and national partners. Since 2021, the “House of Emerging Technologies of Turin - CTE NEXT” has been inaugurated, which grafts on Torino City Lab, expanding its purposes towards the acceleration of start-ups and technology transfer in the field of emerging technologies enabled by 5G in verticals of interest to Turin, such as: land and air mobility, Industry 4.0 and Smart City.

### Areas of work

- SME & Start-ups
- Smart Cities & Regions
- Circular Economy
- Education and/or vocational training
- Environment
- Energy
- Mobility
- Social innovation & inclusion

### Main expertise



Business model  
innovation



Co-creation  
methods & tools



Governance  
models



Impact  
assessments



Implementation  
after testing



Innovation  
strategies



Living Lab (projects)  
evaluation



Panel  
Management



Policy making



Real-life  
experimentation



Scaling-up



Service design

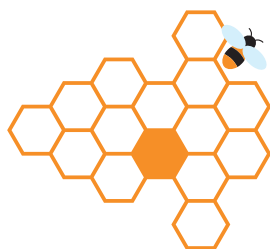


Stakeholder  
engagement



User & Living Lab  
research





**ALVEARE**  
100 SCUOLE 1 SOLO PATRIMONIO  
**green schools**

## Green Schools Living Lab

Provincia di Treviso

Country: Italy

[www.trevisoscuole.it](http://www.trevisoscuole.it)

### Type of LL

Urban Living Lab.

The Living Lab Green Schools of the Province of Treviso aims at changing users' behaviour to foster energy saving. To achieve this goal Green Schools uses the management of the school building as a model in which the user/student/teacher can actively participate thanks to the IT tools used for the managing activities, which are accessible through a web portal ([www.trevisoscuole.it](http://www.trevisoscuole.it)). Thus, Green Schools is an answer to the need of reducing the costs for managing buildings through a reduction of energy consumption and through a rational and conscious use of the common good. Green Schools furtherly provides an important educational added value as activities aiming at energy saving and sustainability are mainly addressed to, and performed by, students and teachers. The main characteristics of Green Schools Living Lab are: i) users themselves, as well as technology, become a real "tool" for energy saving; ii) in the Green Schools Living Lab the roles of technology and users are complementary; iii) technology is the lever through which users are stimulated towards a virtuous behaviour and users efficiency can boost new technological investments on energy efficiency, creating a virtuous circle; iv) it has a spill over effect in the social context (socialization and respect for common resources), in informal learning (it stimulates learning through acting and action, even from a competitive point of view with the Green Schools Competition), in the technological field (users stimulate technologies such as smart metering) and in the economic field (virtuous behaviour reinforces the energy saving potentialities and therefore costs).

### Areas of work

- Education and/or vocational training
- Energy
- Environment

### Main expertise



Co-creation  
methods & tools



Living lab (projects)  
evaluation



Panel  
Management



Real-life  
experimentation



Stakeholder  
engagement





## SOLAR LIVING LAB (SOLL)

Consorzio ARCA

Country: Italy

[www.consortzioarca.it](http://www.consortzioarca.it)

### Type of LL

Living Lab as a service;  
Entrepreneurial Living Lab.

SOLAR LIVING LAB (SOLL), in front of the premises of Consorzio ARCA, in Palermo, within the University campus, with its 3000 sqm of extension, is the first pilot plant in Europe developed in urban settings, based on the concentrating mirrors technology, which is able to provide electricity, heat and cooling for multiple uses. The field is mainly devoted to the demonstration and testing of new solar components and technologies; it is open to all the citizens for visits, in order to let them access the site, receive explanations about the technologies applied and raise social challenges for which they would need solutions. SOLAR LIVING LAB has been realized with a mix of regional, national and European financial resources. Installed within a larger area under renovation as a city park, it has required the adoption of specific solutions to minimize the impact on the urban environment and in an area of archaeological and natural interest. Some components derive from RTD activities involving regional SMEs participating in the supply chain. It has been meant to move research results and innovation out of university labs and make them visible and easily accessible to people, thanks to the demonstrative plant.

### Areas of work

- Agriculture & (Agri-)Food
- Circular Economy
- Health & Well Being
- Industries & Manufacturing
- SME & Start-ups
- Social innovation & inclusion
- Urban areas

### Main expertise



Business model  
innovation



Co-creation  
methods & tools



Innovation  
strategies



Living Lab (projects)  
evaluation



Policy making



Real-life  
experimentation



Scaling-up



Service design



Stakeholder  
engagement





## Textile & Clothing Living Lab (TECLA)

### Consorzio ARCA

**Country:** Italy

[www.consortzioarca.it](http://www.consortzioarca.it)

### Type of LL

Living Lab as a service;  
Entrepreneurial Living Lab.

Textile & Clothing Living Lab (TECLA) gives impulse to co-design, awareness-raising, citizens engagement, testing and experimentation of innovative products and business models with regard to the Textile & Clothing sector. TECLA LIVING LAB aims to reduce the gap between SMEs and R&D issues in the sector. It addresses the issues of Fashion Technology with a more inclusive and co-design approach that aims to produce a lasting impact on the territory. TECLA offers a space for exploring the emerging opportunities of the new “Making Economy” (e.g. personal robotics, home production), redirecting the capacities of “old artisans” and family workers and re-connecting their knowledge with new entrepreneurs, and other young and creative people. Textile & Clothing Living Lab takes full advantage of Future Internet technologies for its global supply chain (diffused e-commerce networks, IoT tracking systems, virtual warehouses, customer engagement, etc.) in the light of a new customer-driven approach based on market intelligence.

### Areas of work

- Agriculture & (Agri-)Food
- Circular Economy
- Health & Well Being
- Industries & Manufacturing
- SME & Start-ups
- Social innovation & inclusion
- Urban areas

### Main expertise



Business model  
innovation



Co-creation  
methods & tools



Innovation  
strategies



Living Lab (projects)  
evaluation



Policy making



Real-life  
experimentation



Scaling-up



Service design



Stakeholder  
engagement





## **InnovAALab - Apulian Living Lab on “Healthy, Active & Assisted Living” National Research Council of Italy**

**Country:** Italy

### **Type of LL**

Research driven Living Lab;  
Living Lab as a service;  
Living testbed.

InnovAALab - the Apulian Living Lab on “Healthy, Active & Assisted Living” - was born as a part of the Strategic Plan and Vision of the activities of the Public-Private Partnership “INNOVAAL” (according the PPPP model), funded by the Ministry of Research in Italy in the field of Ambient Assisted Living (AAL), Independent Living, Ageing Well, Healthy Living, and related development of Products and Services. InnovAALab covers a large area at territorial level involving also the additional actors coming from the regional projects funded in the frame of “Health, Wellness and Socio-Cultural Dynamics” of the Apulian ICT Living Labs initiative.

### **Areas of work**

- Health & Well Being
- Smart Cities & Regions
- Social innovation & inclusion

### **Main expertise**



Co-creation  
methods & tools



Governance  
models



Impact  
assessments



Implementation  
after testing



Innovation  
strategies



Real-life  
experimentation



Scaling-up



Service design



Stakeholder  
engagement



User & Living Lab  
research





**Lunigiana Amica**  
**XR8 di Molinari Francesco & C. sas**

**Country:** Italy

**Type of LL**

Rural Living Lab.

Lunigiana Amica is a non-profit association born from the needs of local agricultural producers to promote their products through a short-range supply chain. Lunigiana Amica's goal is to connect and network the main actors of the agri-food system, setting up product marketing strategies within and outside the territory of Massa-Carrara province. The ultimate goal is to achieve positive effects for the members of the association and for the Lunigiana area. The association was born in 2007 and promoted by Coldiretti, CIA, Confcooperative, and the Municipality of Lucciana Nardi.

**Areas of work**

- Agriculture & (Agri-)Food
- Rural areas
- Tourism

**Main expertise**



Business model  
innovation



Co-creation  
methods & tools



Governance  
models



Impact  
assessments



Implementation  
after testing



Innovation  
strategies



Living Lab (projects)  
evaluation



Panel  
Management



Policy making



Real-life  
experimentation



Scaling-up



Service design



Stakeholder  
engagement



User & Living Lab  
research





## Thriving Entrepreneurial and Creative Lab (TECLA)

EIS - Easy integrazione di sistemi s.r.l.

**Country:** Italy

[www.easyint.it](http://www.easyint.it)

### Type of LL

Urban Living Lab.

The Thriving Entrepreneurial and Creative Lab (TECLA) is an initiative that intends to exploit the potential of the Palermo city to become thriving and sustainable by leveraging and reinforcing the entrepreneurial and innovative capacity of local actors in the creative industry field. TECLA is a physical space that encourages participants to discuss ideas and projects, meet partners, and develop collaborative methodologies so that sustainable development goals can be supported by new technologies and advanced multimedia tools, as well as by knowledge in the social sciences, art and humanities. TECLA is managed by EIS, a private innovation management company and it is part of the creative hub CRE.ZI. PLUS, hosted in the cultural campus of the Palermo Municipality "Cantieri Culturali alla Zisa". It capitalises the results of EU funded projects, and it is part of the Euro-Mediterranean network of U-SOLVE urban innovation hubs. TECLA has been building a diverse ecosystem of local and international enterprises active in different creative domains, which are engaged in joint projects and initiatives. TECLA's activities also attract policy makers, academics, industry professionals, designers, manufacturers and other key actors in the urban community.

### Areas of work

- Culture & Creativity (creative sectors)
- Circular Economy;
- Environment/climate change
- SME & Start-ups
- Social innovation & inclusion
- Urban areas
- Education and/or vocational training

### Main expertise



Business model innovation



Co-creation methods & tools



Impact assessments



Implementation after testing



Innovation strategies



Scaling-up



Service design



Stakeholder engagement





## City of the future Living Lab

San Raffaele Hospital

**Country:** Italy

[www.hsr.it](http://www.hsr.it)

### Type of LL

Living Lab as a service;  
Research driven Living Lab;  
Living testbed.

San Raffaele Scientific Institute's City of the Future Living Lab in Milan has been created to observe an extended number of users interacting with a great number of services within a real city environment, as well as to engage them in a co-creation process that triggers and helps flourish tomorrow's e-Services.

### Areas of work

- Artificial Intelligence
- Health & Well Being
- Smart Cities & Regions

### Main expertise



Business model  
innovation



Co-creation  
methods & tools



Implementation  
after testing



Innovation  
strategies



Living Lab (projects)  
evaluation



Panel  
Management



Real-life  
experimentation



Scaling-up



Service design



Stakeholder  
engagement



User & Living Lab  
research





## SANTA CHIARA LAB

Università di Siena 1240

### Santa Chiara Lab University of Siena

**Country:** Italy

[www.santachiaralab.unisi.it](http://www.santachiaralab.unisi.it)

### Type of LL

Living Lab as a service;  
Research driven Living Lab.

Santa Chiara Lab is the innovation centre of the University of Siena. It is a place that catalyzes many cultural and social initiatives involving many actors (organizations, institutions, companies, Associations of the territory, students, and researchers) who see in the Santa Chiara Lab a place of knowledge exchange and permanent contamination. Santa Chiara Lab collaborates with citizens, universities, companies, cities and regions for joint value co-creation and co-design, rapid prototyping, experimenting and demonstrating concrete solutions to foster innovation, whilst supporting the transition from fundamental to applied research, in several domains such as sustainability, agrifood, public health, education, and digitalization.

### Areas of work

- Culture & Creativity (creative sectors)
- Agriculture & (Agri-)Food
- Education and/or vocational training
- Circular Economy
- Health & Well Being
- Environment/climate change
- Industries & Manufacturing
- Rural areas
- Social innovation & inclusion
- Zero pollution & decarbonization
- Urban areas
- Digitalisation
- Digital Innovation
- Sustainability

### Main expertise



Business model  
innovation



Co-creation  
methods & tools



Governance  
models



Impact  
assessments



Innovation  
strategies



Living Lab (projects)  
evaluation



Panel  
Management



Policy making



Real-life  
experimentation



Service design



Stakeholder  
engagement



User & Living Lab  
research



# UNIS&F lab

## **UNIS&F Lab** **UNINDUSTRIA SERVIZI &** **FORMAZIONE TREVISO** **PORDENONE S.C.A R.L.**

**Country:** Italy

[www.unisef.it](http://www.unisef.it)

### **Type of LL**

Living Lab as a service.

The experiential laboratory in Treviso, near Venice is an exclusive place where innovative processes are triggered through creativity, the enhancement of experiences and shared culture that allows, through research and experimentation, to give concrete answers to the development needs of companies.

### **Areas of work**

- Artificial Intelligence
- Circular Economy
- Culture & Creativity (creative sectors)
- Education and/or vocational training
- Industries & Manufacturing
- Media
- SME & Start-ups
- Social innovation & inclusion
- FabLab, sensory analysis, reading, drones, cyber security, safety
- Mobility



# MEDIL

## MEDITERRANEAN INNOVATION RURAL LIVING LAB

### **Mediterranean Innovation Rural Living Lab (MEDIL) CIHEAM Bari**

**Country:** Italy

[www.iamb.it](http://www.iamb.it)

The Mediterranean Innovation Rural Living Lab aims to become a catalyst for innovation ecosystems for the sustainable development of rural and coastal areas in Apulia and the Mediterranean region by: i) spreading the culture of open innovation by developing training courses, research, knowledge-transfer, international cooperation in Mediterranean Area; ii) creating a multi-actor network applying a systematic approach of co-creation that integrates research and innovation processes in communities and real-life environments; iii) generating innovation through the startups creation and co-design and acceleration of solutions for businesses and rural and coastal communities. The Living Lab's main characteristics are the heterogeneity of the knowledge and skills of its staff, recognized at European and international level for the quality of its research and advanced training activities in the field of agronomy and rural development. In recent years, CIHEAM Bari's activities have been characterized by the multi-level application of human-centered approaches in the development and implementation of project and institutional activities involving wide partnership networks both locally and across borders.





# LivingLabs<sup>ict</sup>

Apulia innovation in progress

## Apulian ICT Living Lab

Innova Puglia

Country: Italy

The aim of the Apulian ICT Living Lab – ACTLab, promoted by the Industrial Research and Innovation Department of Regione Puglia Administration, is to spread the knowledge-based networking model developed in the Puglia Region, where local social stakeholders could also cooperate at the European level by sharing ICT tools oriented to a better quality of life. In terms of concrete practice of the Living Lab, it plays a fundamental role the DemoLab located at the user headquarter, where the deployed technological solutions could be applied everyday by a number of end users: professionals, students, workers of cultural industries and everybody could be interested in. The DemoLab became the core of the Living Lab, the locus of crossing between knowledge, real life and concrete experience. In fact, collecting and strictly referring to the activities of the local Living Labs funded through the Apulian ICT Living Labs programme, ACTLab represents a true unique experience of stakeholders multithematic aggregation in which technologies are the tools of connection between single projects and the LL praxis is the reproducible mechanism that allows the growth of the network.





**KLIOLab -  
Knowledge-based  
Lifecycle InnOvation  
Laboratory**

**DHITECH (Distretto High  
Tech)**

**Country:** Italy

KLIOLab represents a synergic partnership among public and private actors aimed at developing innovative ICT solutions for the aeronautic and mechanical industries through knowledge, practices and resource sharing and the creation of start-ups and spin-offs. KLIOLab has been created in 2014 by formalizing cooperative practices built through long-term cooperation among public and private partners of the DHITECH (Distretto High Tech), the Apulian district for high technology development, hosting organisation for the KLIOLab. Currently this partnership, composed of aeronautic industries, universities, high-competent spin-offs in the ICT industry, Public Administrations and students, is committed to the implementation and deployment of a methodological framework moving the product life cycle management from an enterprise-based view to a value network-based view. The main business line of KLIOLab embodies executing innovation projects, through public and private funds, and the involvement of different categories of users in the innovation process. The innovation pursued by KLIO Lab is twofold: i) innovating Product Lifecycle Management system to push supply chain cooperation during the new complex product development process; ii) identifying and developing new industrial competencies for students, research staff, ICT start-ups, spin-offs and innovative enterprises, aeronautic SMEs as well as KHIRA project staff.





**Lecco Innovation  
Living Lab  
Univerlecco**

**Country:** Italy

[www.leccolivinglab.com/en](http://www.leccolivinglab.com/en)

Lecco Living Lab is a distinctive interface for the whole system of innovation in Lecco, and it runs as an outsourced research and development lab. The theme of the Living Lab is innovation, with a particular focus on the field of rehabilitation, inclusion (social and labour) and the strategic approach to innovation. The experience and knowledge of the skills all along the Lecco area, show that the Lecco economic fabric allows to prototype, test and produce search results. Lecco Innovation Living Lab is the formalization of a long-term strategy and a practice activated in 2004 as part of their rehabilitation and the strategic approach to innovation, the Lecco system. The Lecco Innovation Living Lab is a shared infrastructure that aims to test new technologies and research results in real conditions and a geographical demarcated context. The model is based on the collaboration between institutions, companies and research organizations that involve ned users of the innovation processes in all their components.





**Puglia Smart Lab**  
**DHITECH (Distretto High Tech)**

**Country:** Italy

[www.pugliasmartlab.dhitech.it/?lang=en](http://www.pugliasmartlab.dhitech.it/?lang=en)

The Smart Community around Puglia Smart LL plays a fundamental role toward an holistic view aimed to understand the processes of change in the social, economic and organization contexts and to achieve an harmonious progression in the society, by listening to all the stakeholder in the territory. This approach already started, promotes the collaboration of citizens with all the stakeholders involved in service delivering. The “smart” use of new technologies, defined in Puglia@Service project to be used and tested within the Lab, enables service integration overcoming silos structure of the services, nowadays strictly divides between public and private. For this reason Puglia Smart LL aimes to put in practise a radical change in delivery services for a territory, oriented to become a smart community. Puglia Smart LL is developed within the area of the “Internet-based Service Engineering”, devoted to the research of scientific analytical methodologies for the design, production and deployment of innovative services. Moreover it is positioned between Service Science and open innovation. The innovative characteristics of the LL are: i) a pervasive technological infrastructure, thought to act as the nervous system of the “smart territory”; ii) a qualified human capital, developed according to the profile of the “Innovator and Entrepreneur Engineer”, able to create economic and social value (Technological Entrepreneurship); iii) start-up specialized in the Service Engineering Area, able to facilitate the development of “technology-based” innovative services.





**TIE-LL Technology  
Innovation Ecosystem  
DHITECH (Distretto High  
Tech)**

**Country:** Italy

[www.tielab.dhitech.it](http://www.tielab.dhitech.it)

TIE Living Lab is hosted by DHITECH and stems from the research project VINCENTE (Virtual collective INtelligenCe ENvironment to develop sustainable Technology Entrepreneurship ecosystem), co-funded by the Italian Ministry of Education, University and Research. The TIE Living Lab's mission is to conceive and promote, openly and collaboratively, a personalizable ecosystem of actors and stakeholders, relationships and resources, actions and initiatives to support potential entrepreneurs and companies in cultivating innovative ideas and entrepreneurial projects as well as developing entrepreneurial competencies and attitudes. By favouring the arising of ideas and the exchange of knowledge and experiences, TIE Living Lab enables the open dialogue among scientists, researchers, companies, entrepreneurs and investors, citizen and associations, local authorities, universities and public institutions to jointly conceive, design, and realize innovative solutions and entrepreneurial projects. These outcomes and flows contribute to the diffusion of an entrepreneurial culture and mindset in the entire region, to activate economic, social and cultural development processes which foster territorial growth and increase the attractiveness of the region itself.





Living Labs in



**MAURITIUS**



**Innovative Learning  
& Teacher Education  
Living Lab (IL.TE.LL)  
Helping Our People ONG**

**Country:** Mauritius

Innovative Learning & Teacher Education Living Lab (IL.TE.LL) is based on a multiple-impact social partnership (MISP) model and is essentially an integration of the Research and Development model that has governed LL's applied research activities in education technology, and a community engagement model when members involved in the Living Lab established a non-governmental organisation through an entity called Helping Our People. It is based on Whitehead's education research philosophy for social change through action research and the Living lab paradigm for Teaching and Learning. The MISP model fits in the 4P innovation framework where the Public sector is represented by the University, the Private Sector is represented by Microsoft Indian Ocean and French Pacific, with the People being academics, educators, and Youth volunteers (students). The beneficiaries and the partnerships among these actors are mediated through a collective social movement called Helping Our People. The Research and Development Model (Cycle 1) is based on a practitioner-oriented concept where research and development essentially become the drivers for practice-oriented enquiries to improve teaching and learning systems. It aims at field experimentation to test new practices, which are then formalized into teaching methods that can be cascaded down to educators for classroom application. The educators at the receiving end also become engaged in an action-reflection cycle where the feedback is fed into the system for continuous improvement and refinement of teaching techniques and the application of ICT tools in day-to-day practice.





Living Labs in



**MONTENEGRO**





**ADP Zid Living Lab**  
**Association for the**  
**Democratic Prosperity - Zid**

**Country:** Montenegro

[www.zid.org.me](http://www.zid.org.me)

ADP-Zid's vision is a society of equal and responsible citizens focused on democracy, social values and balanced community development. Its mission is to encourage and strengthen personal responsibility and active participation of young people, organizations and other actors in society by creating and implementing policies through socially responsible programs and services that contribute to the renewal and development of social capital in the community and improving the quality of life of citizens and those at risk from social exclusion. ADP-Zid has 7-year experience in the implementation of co-creative methodologies and has adopted Living Lab principles to foster innovation in the Montenegrin community. ADP-Zid has carried out regional training programs, organized various boot camps since 2017, and has developed a conducive infrastructure that is now a solid base for the proper functioning Living Lab.





Living Labs in



**NETHERLANDS**





## WaterCampus Leeuwarden

Municipality of Leeuwarden

**Country:** Netherlands

[www.leeuwarden.nl](http://www.leeuwarden.nl)

### Type of LL

Research driven Living Lab;  
Living Lab as a service.

At the WaterCampus Leeuwarden, innovations in the field of water technology are developed, tested, upscaled and introduced in the global market. The WaterCampus is a host to a variety of testing locations where new applications can be tested in close cooperation with end users. The WaterCampus does not focus on any particular development stage. Innovative ideas on TRLs 1-9 are guided to the market. End-users (in the field of water technology often industries and utilities) are involved in every step of the innovation process through membership of, or partnership with, one of the managing partners: from determining the research program to testing the innovations in various Living Labs. The WaterCampus employs a highly skilled staff and is equipped with high quality research and innovation facilities and, including a set of real-life demo sites to test innovations in. Over the years, the WaterCampus has become a mature Living Lab which involves roughly 300 businesses and knowledge institutions, is active in multiple European programs and has become a household name in the field of water technology.

### Areas of work

- Circular Economy
- Energy
- Environment/climate change
- Health & Well Being
- SME & Start-ups
- Water (Blue economy)
- Zero pollution & decarbonization
- Smart Cities & Regions
- Education and/or vocational training
- Agriculture & (Agri-)Food
- Rural areas

### Main expertise



Business model  
innovation



Co-creation  
methods & tools



Impact  
assessments



Implementation  
after testing



Innovation  
strategies



Living Lab (projects)  
evaluation



Panel  
Management



Real-life  
experimentation



Scaling-up



Service design



Stakeholder  
engagement



User & Living Lab  
research





# BLAUWEHOTSPOTDORDRECHT

## Blue Hotspot Dordrecht (PPS Waterroute) Stichting Yuverta

**Country:** Netherlands

[www.blauwehotspotdordrecht.nl](http://www.blauwehotspotdordrecht.nl)

The Blue Hotspot is designed as a community for experts in the field of water, greenery, and climate. A research environment where business, education and citizens work together on innovative solutions for challenges related to sustainability, climate adaptation and biodiversity. Research and innovation is carried out in a practical context, in which the Blue Hotspot functions as a broker between VET-students and entrepreneurs to work together in the form of regional and international projects.

### Type of LL

Research driven Living Lab.

### Areas of work

- Education and/or vocational training
- Environment/climate change
- Water (Blue economy)

### Main expertise



Real-life  
experimentation





## Eindhoven Living Lab City of Eindhoven

**Country:** Netherlands

[www.eindhoven.nl](http://www.eindhoven.nl)

### Type of LL

Urban Living Lab;  
Living Lab as a service;  
Research driven Living Lab;  
Living testbed.

Situated in the centre of the Brainport Eindhoven region, the city of Eindhoven has a strong commitment towards its citizens to enhance the quality of life, by mobilising the creative power of triple helix parties and citizens/end users all together. It is also opening the city itself as a real-life testing ground for products and services with an added value that meet the needs, ambitions and concerns of the end users. Bringing together partners on the one hand and creating/contributing to structures in which partners can meet on the other hand are the two main points that are to characterise Eindhoven Living Lab, which is the umbrella approach to incorporate these Living Labs and future ones into one, more integrated and integral approach. Eindhoven Living Lab is about: i) Living Labs in which the City of Eindhoven is taking an active lead role; ii) Living Labs in which the City of Eindhoven is taking a minor role as a partner, or which are merely facilitated by the City by providing the necessary infrastructure and the access to it; in this case the Living Lab can extend beyond the territory of the city.

### Areas of work

- Artificial Intelligence
- Culture & Creativity (creative sectors)
- Environment/ climate change
- Energy
- Health & Well Being
- Industries & Manufacturing
- Mobility
- Regulatory learning (policy making)
- Education and/or vocational training
- Circular Economy
- Smart Cities & Regions
- SME & Start-ups
- Social innovation & inclusion
- Urban areas
- Zero pollution & decarbonization
- Ethics and privacy

### Main expertise



Co-creation  
methods & tools



Implementation  
after testing



Innovation  
strategies



Policy making



Real-life  
experimentation



Panel  
Management



Scaling-up



Service design



Stakeholder  
engagement



User & Living Lab  
research





care innovation center  
west-brabant

**Care Innovation  
Center West-Brabant**  
Care Innovation Center  
West-Brabant

**Country:** Netherlands

[www.cic-westbrabant.nl](http://www.cic-westbrabant.nl)

Care Innovation Center West-Brabant (CIC) is an open-innovation ecosystem. It is open to companies, NGOs, government organisations, and educational and research institutions. CIC facilitates in setting up experiments (co-creation, monitoring, implementation, testing) for innovative products, services and concepts in a real-life environment. The focus of CIC is to realise prevention for health and social care and to support people in living independently/assisted in their homes for a longer time in a healthy, safe and comfortable way. Wherein implementation of innovations in education for young people is an important issue. In establishing this goal CIC is developing expertise in 6 thematic domains: i) prevention: this domain relates to innovations to increase awareness of Health and Wellness to encourage people to live a healthier life; ii) self-management: this domain relates to innovations that enable people to take their health and well-being into their own hands and to manage it whenever they want by taking preventive actions concerning their health, well-being, and independence in a proactive way; iii) informal care: this domain relates to innovations that facilitate informal caregivers to advance the time of informal care before going to professional health care; iv) E-health and technology: this domain focuses on Internet and technology-based innovations that improve prevention, self-management and informal care; v) labour market: this domain focuses on the shift in the labour market. Relevant issues: which way education of young people and professionals can respond to the changes and how to stimulate applying care innovations; vi) integrated care: this domain focuses on innovations that improve the cooperation, communication, coordination, and information exchange between all stakeholders in the chain of care to get to a more integrated care process. CIC will support experiments for technological, innovation, social innovation and business model innovations. CIC will actively seek commercial and applied research engagements with commercial and non-commercial organisations and education and research institutes, interested in Health care and social care focused on our thematic domains. Products, processes and services can be tested at every stage of the development cycle.





# Amsterdam University of Applied Sciences

## Urban Management - Fieldlabs

**The Amsterdam University  
of Applied Sciences**

**Country:** Netherlands

[www.hva.nl/urban-management/fieldlabs/fieldlabs-urban-management.html](http://www.hva.nl/urban-management/fieldlabs/fieldlabs-urban-management.html)

The Urban Management Fieldlabs are hosted by the Amsterdam University of Applied Sciences in collaboration with Amsterdam Municipality.

Urban Management Fieldlabs develop innovative approaches to metropolitan problems. Urban Management Fieldlabs were initiated in collaboration with stakeholders in three areas of the city: Nieuw-est, Zuidoost, and Oost. The Fieldlabs focus on developing area-based solutions to tangible urban challenges through co-creation. Together with local stakeholders, a shared long-term research and innovation agenda is formulated at the start of each Fieldlab. To ensure the focus on challenges that are specific to the areas in which the Fieldlabs are based, the local strategic development plan of the city district forms the starting point in developing this agenda. The UM Fieldlabs function as continuous learning environments focusing on the development of knowledge, but also on the improvement of practice through the direct application of acquired knowledge in tangible interventions. Because of the dynamic, complex and multi-faceted character of urban issues, addressing them will never be possible by only focusing on one aspect. The UM Fieldlabs are local innovation milieus aiming to contribute to the social innovation needed to address multi-scalar, multi-actor and multi-disciplinary urban challenges. A multi-disciplinary research team that is constituted based on the nature of the issue at hand is involved to ensure well informed decisions are made.





Living Labs in



**NORWAY**





## Wireless Trondheim Living Lab

NTNU - Norwegian  
University of Science and  
Technology

**Country:** Norway

[www.ntnu.edu](http://www.ntnu.edu)

### Type of LL

Urban Living Lab.

The Wireless Trondheim Living Lab was originally established as a local arena in Trondheim, Norway, for open and user driven innovation related to mobile services and technology. In the last years, it has turned into a more general facility supporting stakeholder engagement for smart and sustainable cities. By being a member of ENoLL, it aims to extend and improve the development of services through increased influx of ideas and resources by engaging with users, in particular, students and school children, and also participants from other Living Labs.

### Areas of work

- Education and/or vocational training
- Smart Cities & Regions
- Mobility
- Urban areas

### Main expertise



Co-creation  
methods & tools



Governance  
models



Impact  
assessments



Living Lab (projects)  
evaluation



Real-life  
experimentation



Scaling-up



Service design



Stakeholder  
engagement



User & Living Lab  
research





Living Labs in



**POLAND**





## PSNC Future Labs PSNC

**Country:** Poland

[www.futurelabs.psnk.pl](http://www.futurelabs.psnk.pl)

### Type of LL

Research driven Living Lab.

PSNC Future Labs Real people - actual problems - digital innovations. PSNC FutureLabs is a Living Laboratory, involving the citizens of Poznań and PSNC regional partners in the design of digital innovations and business models. The Living Lab animates local communities of innovators, entrepreneurs and social activists. With 2000+ sqm of advanced IT labs on six floors, it is a space where cutting-edge technologies support the mission of Wielkopolska region smart specializations. PSNC initiates innovative city projects and secures their financing. It also supports the UN Sustainable Development Goals locally and addresses grand challenges of the Horizon Europe thematic clusters. With support from R&D and business partners, it developed HPC4Poland Digital Innovation Hub.

### Areas of work

- Artificial Intelligence
- Culture & Creativity (creative sectors)
- Education and/or vocational training
- Environment
- Health & Well Being
- Industries & Manufacturing
- Media
- Smart Cities & Regions
- SME & Start-ups
- Social innovation & inclusion

### Main expertise



Business model  
innovation



Co-creation  
methods & tools



Impact  
assessments



Implementation  
after testing



Innovation  
strategies



Living Lab (projects)  
evaluation



Panel  
Management



Real-life  
experimentation



Scaling-up



Service design



Stakeholder  
engagement



User & Living Lab  
research





## Krakow Living Lab Krakow Technology Park

**Country:** Poland

[www.kpt.krakow.pl/en](http://www.kpt.krakow.pl/en)

### Type of LL

Living Lab as a service.

The Kraków Living Lab is a platform for testing products and services in the conditions in which they are used in life. Tests are conducted in the final/target context of use and operations not only verify the product concept but also point to the potential challenges and unforeseen aspects of use. The process of testing follows a structured iterative plan from concept via prototype to the implementation proper.

### Areas of work

- Artificial Intelligence
- Circular Economy
- Culture & Creativity (creative sectors)
- Industries & Manufacturing
- Smart Cities & Regions
- SME & Start-ups
- Social innovation & inclusion
- Zero pollution & decarbonization
- Mobility
- Environment

### Main expertise



Business model  
innovation



Co-creation  
methods & tools



Governance  
models



Impact  
assessments



Implementation  
after testing



Innovation  
strategies



Living Lab (projects)  
evaluation



Panel  
Management



Policy making



Real-life  
experimentation



Scaling-up



Service design



Stakeholder  
engagement





Living Labs in



**PORTUGAL**





## Smart Rural Living Lab

**Municipality of Penela**

**Country:** Portugal

[www.smartrural.pt](http://www.smartrural.pt)

### Type of LL

Rural Living Lab.

The Smart Rural Living Lab (SRLL) aims to generate new methodologies and technologies to approach rural territories weaknesses and strengths, and by these becoming a reference in sustainable rural development, exporting knowledge to other territories, and working with users to foster this specific region. The problems faced by this type of territory, as the Penela Municipality, are primarily focused on improving the local economic base and develop the natural resources, promoting citizenship and entrepreneurship, increasing welfare and social development, tourism promotion and territory identity preservation.

### Areas of work

- Rural areas
- Agriculture & (Agri-)Food
- Circular Economy
- SME & Start-ups

### Main expertise



Business model  
innovation



Implementation  
after testing



Innovation  
strategies



Living Lab (projects)  
evaluation



Real-life  
experimentation



Scaling-up



Stakeholder  
engagement



User & Living Lab  
research





Living Labs in



# REPUBLIC OF KOREA





# Busan Center for Creative Economy & Innovation

## 2022 SMARTCITY

### Living Lab

**Busan Center for Creative  
Economy & Innovation**  
(부산창조경제혁신센터)

**Country:** Republic of Korea

<https://ccei.creativekorea.or.kr/busan/>

Busan Center for Creative Economy and Innovation is operating a SMARTCITY Living Lab. It is a Living Lab where citizens, campuses, and start-ups work together. With the Busan Creative Economy Innovation Center, collective intelligence is formed to provide and demonstrate solutions to local community problems, and further to achieve innovation and change.

### Areas of work

- Smart Cities & Regions

### Type of LL

Rural Living Lab;  
Living testbed;  
Urban Living Lab;  
Research driven Living Lab.

### Main expertise



Business model  
innovation



Co-creation  
methods & tools



Governance  
models



Implementation  
after testing



Innovation  
strategies



Living Lab (projects)  
evaluation



Panel  
Management



Policy making



Real-life  
experimentation



Scaling-up



Stakeholder  
engagement





## Daegu Creative Living Lab

Daegu Technopark (Digital Transformation Agency)

**Country:** Republic of Korea

[www.eng.creativedaegu.net](http://www.eng.creativedaegu.net)

### Type of LL

Urban Living Lab.

The Daegu Technopark operates a city innovation platform through Living Lab. It trains citizens to create innovation seeds to participate in Living Labs and trains diverse citizens to become citizen scientists. The organisation helps solve urban problems by operating various Living Labs such as Social Living Lab, Alley Living Lab, and Smart City Living Lab, centring on trained citizen scientists. It also promotes the cultures that change the city through the Living Lab, and ultimately serve as a window for a sustainable city.

### Areas of work

- Culture & Creativity (creative sectors)
- Smart Cities & Regions
- Social innovation & inclusion
- Artificial Intelligence

### Main expertise



Impact assessments



Service design





## Smart Safety Living Lab

Korea Institute of Industrial Technology (KITECH)

**Country:** Republic of Korea

[www.ssl.knicc.re.kr](http://www.ssl.knicc.re.kr)

### Type of LL

Living Lab as a service;  
Living testbed.

SSL supports the industrial innovation activities such as BM planning, UX evaluation, and certification, so it is possible to support all stages of the life cycle such as identification and product development and market launch for the development of innovative products/services for SMEs in the smart safety field.

### Areas of work

- SME & Start-ups
- Social innovation & inclusion
- Artificial Intelligence
- Agriculture & (Agri-)Food
- Culture & Creativity (creative sectors)
- Energy
- Environment/climate change
- Health & Well Being
- Media
- Industries & Manufacturing
- Education and/or vocational training

### Main expertise



Business model innovation



Governance models



Implementation after testing



Living Lab (projects) evaluation



Panel Management



Real-life experimentation



Scaling-up



Service design



Stakeholder engagement



User & Living Lab research





Living Labs in



**ROMANIA**





## UVT Digital & Green Living Lab

### West University of Timisoara

**Country:** Romania

[www.livinglab.uvt.ro](http://www.livinglab.uvt.ro)

### Type of LL

Urban Living Lab;  
Living Lab as a service;  
Research driven Living Lab.

Being a comprehensive University, that encompasses both STEAM domains, as well as Social Sciences & Humanities, Culture & Creativity and other associated topics, the West University of Timisoara is the first Romanian University to host a Living Lab. Focusing on meaningful transformation projects that contribute to enhanced community wellbeing, the UVT Digital & Green Living Lab makes use of digital and green tools for transformation projects, benefitting from the education and research human capital & infrastructure. Contributing to community wellbeing is the ultimate goal of the UVT Digital & Green Living Lab. Along with the dedicated digital (AI, ML, IoT, HPC, Cloud Computing) and green (Circular economy, Renewable energies, Urban gardens and green buildings, Biodiversity and Sustainable Development) tools, health and wellbeing is being addressed by the UVT LL with capabilities related to green jobs & ergonomics, psychotherapy and spiritual wellbeing, physiotherapy and telerehabilitation, sports and healthy lifestyle, nutrition and dietetics, including functional foods and bioactive compounds.

### Areas of work

- Artificial Intelligence
- Circular Economy
- Culture & Creativity (creative sectors)
- Education and/or vocational training
- Energy
- Environment
- Health & Well Being
- SME & Start-ups
- Social innovation & inclusion
- Rural areas
- Mobility
- Smart Cities & Regions
- Urban areas
- Zero pollution & decarbonization
- Media

### Main expertise







## TRANSILVANIA IT CLUSTER

### Transilvania Living Lab

**Asociatia Transilvania IT**

**Country:** Romania

[www.transilvaniait.ro](http://www.transilvaniait.ro)

#### Type of LL

Urban Living Lab;  
Living Lab as a service.

Transilvania Living Lab aims to identify cross-sectorial projects with all stakeholders from the regional innovative ecosystem. Transilvania Living Lab strives to put communities and their needs at the heart of innovation, developing and experimenting with projects and services that involve smart approaches. The goal of Transilvania Living Lab is to empower the users of its services (citizens of the region, private companies, clusters, universities, research institutes, public administration) and integrate them into the innovation process, motivating them to participate, putting the right tools in place to enable a bottom-up dialogue, and translating ideas into sustainable commercial products or services. The host organization of Transilvania Living Lab works with a wide range of stakeholders, within a public-private-people partnership, trying to provide solutions and cooperation in areas such as ICT, eHealth, eGovernment, education, space, climate change, Earth Observation, social innovation, smart cities and regions.

#### Areas of work

- Agriculture & (Agri-)Food
- Artificial Intelligence
- Circular Economy
- Culture & Creativity (creative sectors)
- Energy
- Environment/climate change
- Health & Well Being
- Industries & Manufacturing
- Smart Cities & Regions
- SME & Start-ups
- Social innovation & inclusion
- Zero pollution & decarbonization
- Digital

#### Main expertise



Business model  
innovation



Co-creation  
methods & tools



Governance  
models



Impact  
assessments



Implementation  
after testing



Innovation  
strategies



Living Lab (projects)  
evaluation



Panel  
Management



Policy making



Real-life  
experimentation



Scaling-up



Service design



Stakeholder  
engagement



User & Living Lab  
research





Living Labs in



**RUSSIA**



# LLTNET

## L I V I N G   L A B O R A T O R Y   T O M S K

### Living Lab Toms Network (LLTNET) Toms State University of Architecture and Building

**Country:** Russia

[www.livinglabtoms.org](http://www.livinglabtoms.org)

#### Type of LL

Urban Living Lab.

Living Lab Toms Network is: i) the territory of experiments in real urban environment for testing products, technologies, and new approaches in the field of sustainable development of cities; ii) wonderful example of university campuses being used as Living Labs for distributing the culture of experimentation in the city, introduction of novel solutions and encouragement of entrepreneurship in young generations; iii) the initiative by a team of professionals of the United Toms University (that includes 6 universities of Toms), innovative companies and local communities, regional and municipal administration, in collaboration with foreign partners.

Living Lab Toms Network has 7 locations in its network, each with its focus of experiments: i) public space design; ii) smart greening and water management; iii) smart management - healthy lifestyle; iv) multicultural environments; v) street art and creativity; vi) mobility; vii) dialog of generations. Experiments are initiated by students, young practitioners and professionals, all together organized in temporary design studios and workshops.

#### Areas of work

- Culture & Creativity (creative sectors)
- Education and/or vocational training
- Environment
- Health & Well Being
- Smart Cities & Regions
- Social innovation & inclusion
- Urban areas

#### Main expertise



Business model  
innovation



Co-creation  
methods & tools



Governance  
models



Impact  
assessments



Implementation  
after testing



Innovation  
strategies



Living Lab (projects)  
evaluation



Panel  
Management



Real-life  
experimentation



Service design



Stakeholder  
engagement



User & Living Lab  
research





Living Labs in

**SERBIA**





## PA4ALL - Precision Agriculture for All BioSense Institute

**Country:** Serbia

[www.biosens.rs](http://www.biosens.rs)

### Type of LL

Rural Living Lab.

PA4ALL – Precision Agriculture Living Lab is the first living laboratory in Serbia and one of the first in Europe to focus on precision agriculture. PA4ALL takes full advantage of inter-sectoral cross-fertilization of ideas and offers possibilities to test ideas and prototypes in the real-world setting. PA4ALL based its activities on educating its community on precision agriculture, motivating end-users to test and validate the IT innovations and ensuring their adoption among various stakeholders. PA4ALL activities are bridging the gap between the leisurely changing public sector and modern technologies which are modifying the way agriculture is perceived today. By reinforcing co-creation and multi-stakeholder participation, PA4ALL is not only gradually widening its network but also encouraging and supporting new Living Labs which emerged in the region in the meantime. In addition to the above-mentioned, throughout the Living Lab approach, PA4ALL plans to create a future network of actors who are expected to closely cooperate in the field of agroecology, which is a new concept thriving to become a pivotal change in the way agriculture production impacts the environment. PA4ALL also encourages the academia to engage more with the users of research, industry, government, and other relevant actors in order to implement precision agriculture in real-life decision-making processes.

### Areas of work

- Agriculture & (Agri-)Food
- Circular Economy
- Education and/or vocational training
- Environment/climate change

### Main expertise



Business model  
innovation



Co-creation  
methods & tools



Impact  
assessments



Implementation  
after testing



Living Lab (projects)  
evaluation



Panel  
Management



Policy making



Real-life  
experimentation



Stakeholder  
engagement



User & Living Lab  
research



# Bellab

## **BELgrade Urban Living LAB** **BELgrade Urban Living LAB**

**Country:** Serbia

[www.bellab.rs](http://www.bellab.rs)

BELgrade urban living LAB (BELLAB) is a collaborative environment where citizens, the public sector, planning experts, and private companies work together to co-create solutions in response to complex urban and climate-related challenges, e.g. climate change adaptation, disaster risk reduction and climate resilience, reduction of air and soil pollution, urban biodiversity protection, healthy city promotion, sustainable urban mobility planning. BELLAB was established in 2020, as a result of inter-institutional collaboration on two Horizon 2020 projects related to climate change mapping and adaptation strategies: CLEVER Cities and TeRRIFICA, as the first Urban Living Lab in Serbia and the Western Balkans. As such, it has a high potential to pave the road for ULL approach dissemination within the region. BELLAB is more than just a testbed platform since it provides experimentation in a real-life setting, located in the city of Belgrade. Amidst rising urbanization and political challenges, intensified by the global ecological and economic crisis, the Living Lab approach provides a new and creative solution for the implementation of public policies and urban design projects. The multifaceted goal of BELLAB is to overcome silos thinking caused by disciplinary boundaries, to envisage and engage various groups of stakeholders, empower citizens, to bridge top-down and bottom-up initiatives, and provide a shared vision of better quality of life in Belgrade.





Living Labs in

**SLOVENIA**





## Green point – DIH AGRIFOOD based Living lab

**Green point – DIH  
AGRIFOOD based Living lab**

**Country:** Slovenia

[www.itc-cluster.com](http://www.itc-cluster.com)

### Type of LL

Rural Living Lab;  
Living Lab as a service;  
Living testbed.

GREEN POINT Living Lab acts in the area of Food systems and is based on fully deployed and functional Short Food Supply Chain (SFSC) called Green Point, located in Pomurje region, Slovenia. Its mission is to: i) empower cities and regions as agents of food system transformation by providing a demo-based environment for social change; and ii) provide end-to-end technological and collaborative environment where SFSC actors and solution providers (SMEs, start-ups) can meet and use the Living Lab for systemic innovation in the areas of food production & processing, distribution, marketing, access, and food consumption.

### Areas of work

- Agriculture & (Agri-)Food
- Circular Economy
- Environment/climate change
- Artificial Intelligence
- Health & Well Being
- Rural areas
- SME & Start-ups
- Zero pollution & decarbonization

### Main expertise



Business model  
innovation



Co-creation  
methods & tools



Impact  
assessments



Implementation  
after testing



Innovation  
strategies



Living Lab (projects)  
evaluation



Real-life  
experimentation



Scaling-up



Service design



Stakeholder  
engagement



User & Living Lab  
research





## E-zavod Living Lab

### E-zavod

**Country:** Slovenia

[www.ezavod.si](http://www.ezavod.si)

### Type of LL

Rural Living Lab;  
Living Lab as a service.

E-zavod living lab focuses on transfer and mainstreaming of open innovation practices to Slovenia.

Work is focused on different areas and is mainly project driven. E-zavod Living Lab focuses on the following thematic sectors: Circular economy, Energy Efficiency and renewable energy, Textile sector, Smart cities, Nature based solutions.

### Areas of work

- Agriculture & (Agri-)Food
- Circular Economy
- Culture & Creativity (creative sectors)
- Energy
- Environment/climate change
- Rural areas
- Smart cities and Regions
- SME & Start-ups
- Social innovation & inclusion

### Main expertise



Business model  
innovation



Co-creation  
methods & tools



Governance  
models



Implementation  
after testing



Innovation  
strategies



Living Lab (projects)  
evaluation



Real-life  
experimentation





Living Labs in

**SPAIN**





**NEUROLAB**  
ADACEN LIVING LAB

## NEUROLAB, ADACEN Living Lab

**ADACEN, (Navarra Cerebral  
Damage Association)**

**Country:** Spain

[www.adacen.org](http://www.adacen.org)

NeuroLabAdacen is a Living Lab of technological and methodological innovation specialized in aging and neurological injury. A space for experimentation where affected people, family members, professionals, social entities, companies, and universities work as a team in the co-creation of new technological solutions and models of social and health care, from the intersectionality of agents (university, public administration, private sector and social sector).

### Type of LL

Living testbed;  
Research driven Living Lab;  
Living Lab as a service.

### Areas of work

- Health & Well Being
- Social innovation & inclusion

### Main expertise



Business model  
innovation



Co-creation  
methods & tools



Impact  
assessments



Implementation  
after testing



Innovation  
strategies



Living Lab (projects)  
evaluation



Real-life  
experimentation



Service design



Stakeholder  
engagement



User & Living Lab  
research





## Healthcare Living Lab Catalonia

Leitat

**Country:** Spain

[www.healthcarelivinglab.cat](http://www.healthcarelivinglab.cat)

### Type of LL

Living Lab as a service;  
Living testbed.

The Healthcare Living Lab Catalonia (HCLLC) is a Living Lab specialized in the health and social fields. Its mission is to bring together healthcare centres, technological centres and Living Labs throughout Catalonia, and connect them to innovation entities and innovative people, facilitating the prototyping, testing and validation of their solutions based on its own methodology and in a fast and efficient way, maximizing the results obtained. The HCLLC offers its services to advise and methodologically guide start-ups, SMEs and companies that want to prototype, test and/or validate innovative solutions in real-life environments and with end users in the fields of medical devices, in vitro diagnostics, and digital health. It is an initiative of Leitat that has the mission of turning Catalonia into a Living Lab of reference and, for this reason, it has a vast network of collaborating entities; on the one hand, the main health centres and innovation referents throughout the country and, on the other hand, the main associations of health and social centres in the country.

### Areas of work

- Artificial Intelligence
- Health & Well Being
- SME & Start-ups
- Social innovation & inclusion

### Main expertise



Business model  
innovation



Co-creation  
methods & tools



Innovation  
strategies



Living Lab (projects)  
evaluation



Real-life  
experimentation



Service design



Stakeholder  
engagement



User & Living Lab  
research



# LIBRARY LIVING LAB

## Library Living Lab Computer Vision Center

**Country:** Spain

[www.librarylivinglab.com](http://www.librarylivinglab.com)

### Type of LL

Research driven Living Lab;  
Urban Living Lab.

Library Living Lab explores how technology can transform the experiences of people with culture. This is done through different types of activities and events following a number lines of work. These lines of work are aligned with current, real social challenges related to the cultural context that the library provides. These challenges are periodically updated by the Library Living Panel, and they provide a very flexible framework for prioritised actions of different types, such as periodical activities, open workshops, public demonstrations of prototypes, scientific experiments open to the citizen participation, open debates, and innovation projects with Public Institutions (such as research centres, universities, foundations) and Companies. The Living Lab Pilot running in Sant Cugat for 5 years from its opening in 2015 reached the end of its test phase in 2020, and it is now entering in a new phase, scaling it up to the Barcelona's Provincial Council's Network of 203+ Public Libraries.

### Areas of work

- Agriculture & (Agri-)Food
- Artificial Intelligence
- Culture & Creativity (creative sectors)
- Education and/or vocational training
- Health & Well Being
- Industries & Manufacturing
- Media
- Mobility
- Regulatory learning (policy making)
- Smart Cities & Regions
- SME & Start-ups
- Social innovation & inclusion

### Main expertise



Business model  
innovation



Co-creation  
methods & tools



Governance  
models



Impact  
assessments



Implementation  
after testing



Innovation  
strategies



Living Lab (projects)  
evaluation



Policy making



Real-life  
experimentation



Scaling-up



Service design



Stakeholder  
engagement



User & Living Lab  
research





TECNOLÒGICAMENT MEDITERRANIS

## Neàpolis Neàpolis

**Country:** Spain

[www.neapolis.cat](http://www.neapolis.cat)

### Type of LL

Urban Living Lab;  
Living Lab as a service;  
Living testbed.

An Innovation Agency for technology, communication and creativity, Neàpolis is a Public Innovation Agency for ICT, the multimedia sector, creativity, and entrepreneurship. It offers a space for experimentation, incubation, and growth for the city's entrepreneurial community, promoting innovation and collaboration. For all of them, coworking and business incubator services are offered as well as connectivity, support, and advice while facilitating its insertion itinerary in the labour market. Since 2006, Vilanova i la Geltrú and its territory of influence have established themselves to promote the innovative ecosystem, ICT businesses, the media, and the creative industries.

### Areas of work

- Health & Well Being
- Artificial Intelligence
- Culture & Creativity (creative sectors)
- Education and/or vocational training
- Environment/climate change
- Media
- Mobility
- Smart Cities & Regions
- SME & Start-ups
- Urban areas
- Social innovation & inclusion
- Technology

### Main expertise



Business model  
innovation



Co-creation  
methods & tools



Governance  
models



Impact  
assessments



Implementation  
after testing



Innovation  
strategies



Policy making



Service design



Stakeholder  
engagement



User & Living Lab  
research



## UJI.>LAB

**Fundació General Universitat  
Jaume I - ESPAITEC Science  
and Technology Park**

**Country:** Spain

[www.ujilab.uji.es/en](http://www.ujilab.uji.es/en)

### Type of LL

Living Lab as a service;  
Research driven Living Lab.

The design of a co-creative and innovative environment (UJI.>LAB) facilitates the generation of new ideas based on co-creation methodologies with users: companies, research groups and other members of the university community. The Lab enables the creation of “prototypes” (in a broad sense) based on challenges or needs identified by the teaching staff, or through challenges brought up by the Castellon entities, companies or its citizens. The design and creation of these prototypes is based on the knowledge generated at the university, through various actions, facilitating interaction between the different entities of the university community (researchers, students, etc.), so that they can choose the or the teams that can develop the work. The project is a space for experimentation, innovation and demonstration of new technologies and methodologies, such as INNOVATION CAMP, both for the research community and for its productive and social environment. For this reason, it intends to create a network of co-creation spaces that serve as an engine for social and digital innovation within the university and its environment.

### Areas of work

- Agriculture & (Agri-)Food
- Artificial Intelligence
- Energy
- Environment/climate change
- Industries & Manufacturing
- Smart Cities & Regions
- SME & Start-ups
- Social innovation & inclusion
- Urban areas
- Zero pollution & decarbonization

### Main expertise



Business model  
innovation



Co-creation  
methods & tools



Governance  
models



Impact  
assessments



Implementation  
after testing



Innovation  
strategies



Living Lab (projects)  
evaluation



Policy making



Real-life  
experimentation



Scaling-up



Service design



Stakeholder  
engagement



User & Living Lab  
research





## SSI Living Lab

### Servicios Sociales Integrados, S. Coop.

**Country:** Spain

[www.grupossi.es/homecarelab-grupossi-innovacion/#ssi-living-lab](http://www.grupossi.es/homecarelab-grupossi-innovacion/#ssi-living-lab)

### Type of LL

Living Lab as a service;  
Living testbed.

Servicios Sociales Integrados, S. Coop. (Grupo SSI) is a cooperative company set up in Bilbao in 1986, to respond to the social needs of people in situations of dependence and social vulnerability, and their families, in Euskadi. S.S.I. The Group and the entities that belong to it (Aurrerantz, S. Coop. de Iniciativa Social, Aurrerantz Asociación, Euskarri, S. Coop. Empresa de Inserción and Home Care Lab, S. Coop.) promoted the creation of the Living Lab to enrich and strengthen the innovation capacities of the Group around ageing and dependence and improve its competitiveness. Specifically, Home Care Lab, S. Coop., the Group's R&D&I business unit, is one of the most important actors that make up the Living Lab. Home Care Lab, S. Coop. is boosted by the Living Lab, experimenting, and carrying out drills of the daily activities dependent people, the carers, and their families face. The Living Lab is a pioneering infrastructure in Euskadi that attempts to simulate the different rooms of a home with advanced technology. It has 100 sqm and adapted beds and baths, a hydraulic motor cranes, a modular kitchen, etc., resources that are equipped with technological advances that make it easier to care for elderly dependent people. It also has user friendly touch screen computers that avoid having to use a mouse and keyboard for people with reduced mobility, and that using software allow carrying out videoconferences. Its most innovating technological characteristic is a hydraulic motor crane system that hung from the ceiling can move the dependent users from their wheelchair to any room in the simulated home.

### Areas of work

- Health & Well Being
- Social innovation & inclusion

### Main expertise



Business model  
innovation



Co-creation  
methods & tools



Impact  
assessments



Innovation  
strategies



Panel  
Management



Policy making



Scaling-up





# Col·laboratori Catalunya

## Colaboratoris Catalunya i2cat Foundation

**Country:** Spain

[www.colabscatalunya.cat](http://www.colabscatalunya.cat)

### Type of LL

Regional living lab;  
Research driven Living Lab;  
Living testbed; Rural Living  
Lab; Urban Living Lab.

Mission of I2Cat is to transform Catalonia into a collaboratory, a lab of labs. I2Cat will achieve this mission by: i) contributing qualitatively through tangible projects and initiatives to advancing towards a triple social, digital and green inclusive transition in Catalonia; ii) coordinating the variety of knowledges and capacities of quadruple helix stakeholders' collaborative innovations across all the territories in the countries; iii) aligning local and regional needs and defined challenges with European and global agendas and priorities.

### Areas of work

- Culture & Creativity (creative sectors)
- Education and/or vocational training
- Health & Well Being
- Media
- Regulatory learning (policy making)
- Rural areas
- Smart Cities & Regions
- Social innovation & inclusion
- Agriculture & (Agri-)Food
- Urban areas

### Main expertise



Business model  
innovation



Co-creation  
methods & tools



Governance  
models



Impact  
assessments



Implementation  
after testing



Innovation  
strategies



Living Lab (projects)  
evaluation



Panel  
Management



Policy making



Real-life  
experimentation



Scaling-up



Service design



Stakeholder  
engagement



User & Living Lab  
research





## FUNDACIÓN ÉPICA

LA FURA DELS BAUS

### Fundación Épica La Fura dels Baus

**Country:** Spain

[www.epicalab.com](http://www.epicalab.com)

#### Type of LL

Research driven Living Lab.

Epica has the horizontal collaboration between science, technology, and humanities, as the catalyser for disruptive R+D+I in the new digital era. Thanks to the experience gathered in last 40 years of history of its patrons La Fura dels Baus, Epica has distilled a methodology where, performing arts is the vehicle for these new R+D+I processes, enabling to: i) promote the knowledge transfer between disciplines and to civil society; ii) actively engage into the same ecosystem and processes all quadruple helix agents, through common language; iii) establish the proper sandbox for co-design, experiment, develop, validate, and experience potential future realities and situations (fake realities), new technologies, products and/or processes, through anticipatory arts. Through the use of performing arts, Epica is able to create a neutral environment for cross-research and mutual learning between disciplines and between different players (citizenship, researchers, institutions, companies).

#### Areas of work

- Culture & Creativity (creative sectors)
- Education and/or vocational training
- Environment/climate change
- Health & Well Being
- Media
- Social innovation & inclusion

#### Main expertise



Business model innovation



Co-creation methods & tools



Impact assessments



Implementation after testing



Innovation strategies



Panel Management



Real-life experimentation



Scaling-up



Service design



Stakeholder engagement



User & Living Lab research



# UAB **Universitat Autònoma de Barcelona**

## UAB Smart Campus Living Lab University Autònoma of Barcelona

**Country:** Spain

[www.uab.cat/web/coneix-els-labs/a-campus-open-to-experimentation-1345823398630.html](http://www.uab.cat/web/coneix-els-labs/a-campus-open-to-experimentation-1345823398630.html)

### Type of LL

Research driven Living Lab.

The campus has become a primary area for experimentation, innovation and demonstration of new technologies and methodologies, and also an incubator/accelerator for different types of projects and initiatives, which can then be applied in the neighboring municipalities.

### Areas of work

- Artificial Intelligence
- Circular Economy
- Culture & Creativity (creative sectors)
- Education and/or vocational training
- Energy
- Environment/climate change
- Health & Well Being
- Agriculture & (Agri-)Food
- Rural areas
- Smart Cities & Regions
- SME & Start-ups
- Social innovation & inclusion
- Urban areas
- Zero pollution & decarbonization
- Water (Blue economy)

### Main expertise



Business model  
innovation



Co-creation  
methods & tools



Governance  
models



Impact  
assessments



Implementation  
after testing



Innovation  
strategies



Living Lab (projects)  
evaluation



Panel  
Management



Policy making



Real-life  
experimentation



Scaling-up



Service design

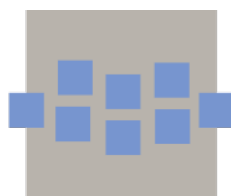


Stakeholder  
engagement



User & Living Lab  
research





SOCIEDAD DE  
LA INFORMACIÓN Y  
EL CONOCIMIENTO

CONSORCIO  
FERNANDO DE LOS RÍOS

## Vuela Guadalinfo Consortio Fernando de los Ríos

**Country:** Spain

[www.guadalinfo.es](http://www.guadalinfo.es)

### Type of LL

Rural Living Lab;  
Living Lab as a service.

Vuela Guadalinfo is a public network of more than 760 digital competence, open innovation and Internet access Living Labs in Andalusia, a region in the south of Spain. Vuela Guadalinfo's focus is to empower people (using ICTs as a tool) to be the driving force behind the transformation of their communities: training adapted to different ages and profiles in digital competences, entrepreneurship skills, technological and professional skills, and community awareness and cohesion, with special attention to the prevention of digital, gender and social gaps. Guadalinfo Living Labs also assess users in their projects and promote collective initiatives of social dynamization, community awareness and promotion of the environment. Their areas of action range from employability to digital literacy, promotion of innovative culture, citizen participation, improvement of quality of life, entrepreneurship, business digitalization and e-government.

### Areas of work

- Education and/or vocational training
- Health & Well Being
- Media
- Rural areas
- Regulatory learning (policy making)
- Social innovation & inclusion
- SME & Start-ups

### Main expertise



Co-creation  
methods & tools



Governance  
models



Impact  
assessments



Implementation  
after testing



Innovation  
strategies



Living Lab (projects)  
evaluation



Panel  
Management



Real-life  
experimentation



Scaling-up



Service design



Stakeholder  
engagement





## OZEAN LIVING LAB ESKILARA S KOOP TXIKIA

**Country:** Spain

[www.ozeanlab.tech](http://www.ozeanlab.tech)

### Type of LL

Urban Living Lab;  
Rural Living Lab;  
Living Lab as a service;  
Living testbed.

Ozean Living Lab is a large-scale open innovation lab to attract companies and promote projects through innovation in strategic sustainable projects. Ozean Living Lab was born to face territorial challenges by promoting the natural environment Urdaibai's Biosphere Reserve and the competitiveness of the companies in the area through open innovation. A regional strategy with an international perspective: "Improve the quality of life through environmental, social and economic credentials, based on the multifunctional use of Urdaibai's natural capitals". Its 4 key objectives are: i) protect ecosystems state and biodiversity; ii) improve ecosystem functioning and promote ecosystem services; iii) promote societal wellbeing and health; iv) support the development of a green economy, and sustainable land and water management.

### Areas of work

- Smart Cities & Regions
- Circular Economy
- Culture & Creativity (creative sectors)
- Environment/climate change
- Health & Well Being
- SME & Start-ups
- Social innovation & inclusion
- Water (Blue economy)

### Main expertise



Business model  
innovation



Co-creation  
methods & tools



Impact  
assessments



Implementation  
after testing



Innovation  
strategies



Living Lab (projects)  
evaluation



Policy making



Real-life  
experimentation



Scaling-up



Service design



Stakeholder  
engagement



User & Living Lab  
research





## BIRD Living Lab GAIA

**Country:** Spain

[www.birdcenter.org](http://www.birdcenter.org)

### Type of LL

Rural Living Lab;  
Living Lab as a service;  
Living testbed.

Bird Living Lab is situated at the Biosphere Reserve of Urdaibai (in the Basque Country, North of Spain) in the Urdaibai Bird Centre. Its mission is to co-create, test, and validate ICT products for environmental management and derivate services and scale them up to new markets, as well as create a community of knowledge in environmental management and smart communities, generating a dynamic launching of innovation and new business structures in this area, allowing an emerging sector in which Europe can be leader. Bird Living Lab focuses on the definition and establishment of a Living Lab approach and methodology to speed and strengthen the projects development, as well as for prototyping of the ideas and products, as well as for final users' involvement in the process. Furthermore, it provides a new way of thinking, not just within the project methodology, but also within the project outcomes and potential, re-thinking about the technology developed, giving new uses, and expending their potential market to new sectors and countries, generating new business opportunities.

### Areas of work

- Circular Economy
- Environment/climate change
- Rural areas
- Smart Cities & Regions
- SME & Start-ups
- Social innovation & inclusion
- Energy
- Zero pollution & decarbonization
- Regulatory learning (policy making)

### Main expertise



Business model  
innovation



Co-creation  
methods & tools



Governance  
models



Impact  
assessments



Implementation  
after testing



Innovation  
strategies



Living Lab (projects)  
evaluation



Panel  
Management



Policy making



Real-life  
experimentation



Scaling-up



Service design



Stakeholder  
engagement



User & Living Lab  
research



## IoT Smart Santander Living Lab

Universidad de Cantabria

**Country:** Spain

The IoT SmartSantander Living Lab is aiming at providing an open innovation ecosystem in which companies, research centre and public bodies can undertake new initiatives upon co-creation. Last but not least, citizens leverage on this Living Lab for making a reality the paradigm of data economy.

### Areas of work

- Artificial Intelligence
- Circular Economy
- Education and/or vocational training
- Mobility
- Rural areas
- Smart Cities & Regions
- Social innovation & inclusion

### Type of LL

Urban Living Lab;  
Living Lab as a service;  
Research driven Living Lab.

### Main expertise



Business model innovation



Co-creation methods & tools



Governance models



Impact assessments



Implementation after testing



Innovation strategies



Living Lab (projects) evaluation



Policy making



Real-life experimentation



Scaling-up



Service design



Stakeholder engagement



User & Living Lab research





## Smartcity Málaga

### Living Lab

Endesa - Enel

**Country:** Spain

[www.endesa.com](http://www.endesa.com)

Smartcity Málaga Living Lab forms part of Enel Group's ecosystem for researching and developing of solutions in electricity distribution in a real environment. This is the key to Enel's Open Innovation process, because it quickly, systematically, and securely provides the necessary conditions to create, validate, test, and show the results of innovation in a real environment.

### Type of LL

Urban Living Lab.

### Areas of work

- Energy
- Environment/climate change
- Industries & Manufacturing
- Circular Economy
- Artificial Intelligence
- Smart Cities & Regions
- Zero pollution & decarbonization

### Main expertise



Innovation  
strategies



Living Lab (projects)  
evaluation



Panel  
Management



Real-life  
experimentation



Scaling-up





## Food & Health Living Lab

University of Valencia

**Country:** Spain

[www.uv.es/uvweb/food-health-lab/es/proyecto/presentacion/presentacion-1285940113470.html](http://www.uv.es/uvweb/food-health-lab/es/proyecto/presentacion/presentacion-1285940113470.html)

### Type of LL

Research driven Living Lab.

Food&HealthLab is a new research concept focused on users and supported in the open innovation and real scenarios. This initiative includes a series of actions to promote health, healthy and sustainable food strategies, nutritional intervention, and improvement of the quality of life within the branches of the University, at a local, national, and international level. It is aimed, on the one hand, to carry out health interventions in an interdisciplinary environment (with dietitians, nutritionists, food technologists, psychologists, geneticists, experts in preventive medicine, physiotherapist and experts in physical and sport activities), to increase the gastronomic and culinary strategies to adapt menus to individuals and/or patients and developing teams, methods and new tools in health environments, nutrition, gastronomy, physical activity and quality of life with applicability to society.

### Areas of work

- Agriculture & (Agri-)Food
- Artificial Intelligence
- Culture & Creativity (creative sectors)
- Education and/or vocational training
- Health & Well Being
- Industries & Manufacturing
- Media
- Rural areas
- SME & Start-ups
- Social innovation & inclusion
- Zero pollution & decarbonization
- Water (Blue economy)
- Environment/ climate change

### Main expertise



Business model innovation



Co-creation methods & tools



Governance models



Impact assessments



Implementation after testing



Innovation strategies



Living Lab (projects) evaluation



Panel Management



Policy making



Real-life experimentation



Scaling-up



Service design



Stakeholder engagement



User & Living Lab research





## Galician Network of Health Living Labs

Axencia Galega de Coñecemento en Saúde (ACIS)

**Country:** Spain

[www.labsaude.sergas.gal](http://www.labsaude.sergas.gal)

### Type of LL

Living testbed.

The Galician Network of Health Living Labs - LABSAÚDE, is an initiative promoted by the Galician Health Service and ACIS that will convert Galician Hospitals and Health Centres into authentic testing laboratories for new solutions/products or services related to health and thus create an ecosystem of multidisciplinary and multisectoral co-creation focused on the user. The first Living Lab of the Network was created in the University Hospital Complex of Ourense (CHUOU), which has been enlarged and a space has been reserved for the development of an experimental hospitalization, by defining an innovative functional model and providing equipment and facilities for different Living Lab scenarios in which health research and innovation studies will be developed.

### Areas of work

- Health & Well Being

### Main expertise



Business model innovation



Co-creation methods & tools



Governance models



Impact assessments



Implementation after testing



Innovation strategies



Living Lab (projects) evaluation



Panel Management



Policy making



Real-life experimentation



Scaling-up



Service design



Stakeholder engagement



User & Living Lab research





## DIGITAL GASTRONOMY LAB

### LABe Digital Gastronomy Lab Basque Culinary Center Fundazioa

**Country:** Spain

[www.labe-dgl.com](http://www.labe-dgl.com)

LABe's mission is to drive the digital transformation of gastronomy towards a healthy, sustainable, and delicious future through real context experimentation, innovation and co-creation of digital tools and tech solutions. Main focus areas are: process optimization and automation throughout gastronomy and food supply chain; smart equipment design and development; gastronomy and food experience in the Web 3.0.

#### Type of LL

Urban Living Lab;  
Living Lab as a service;  
Living testbed.

#### Areas of work

- Agriculture & (Agri-)Food
- Circular Economy
- Culture & Creativity (creative sectors)
- Health & Well Being
- SME & Start-ups

#### Main expertise



Business model  
innovation



Co-creation  
methods & tools



Impact  
assessments



Implementation  
after testing



Innovation  
strategies



Living Lab (projects)  
evaluation



Panel  
Management



Real-life  
experimentation



Service design



Stakeholder  
engagement



User & Living Lab  
research





## MINDLab

### INTRAS Foundation

**Country:** Spain

[www.intras.es/investigacion-desarrollo-de-tecnologias-e-innovacion](http://www.intras.es/investigacion-desarrollo-de-tecnologias-e-innovacion)

### Type of LL

Living testbed;  
Research driven Living Lab;  
Living Lab as a service.

MIND-LAB is built on a quadruple helix innovation ecosystem and predominantly focuses its multiple activities in the Castilla y León Region (north-west of Spain) in order to improve social-health care and facilitate independent living of older adults and people in a situation of autonomy loss through co-creating innovative solutions.

### Areas of work

- Health & Well Being
- Education and/or vocational training
- Circular Economy
- Social innovation & inclusion
- Rural areas
- Culture & Creativity (creative sectors)
- Artificial Intelligence.

### Main expertise



Business model  
innovation



Co-creation  
methods & tools



Governance  
models



Impact  
assessments



Implementation  
after testing



Innovation  
strategies



Living Lab (projects)  
evaluation



Panel  
Management



Policy making



Real-life  
experimentation



Scaling-up



Service design

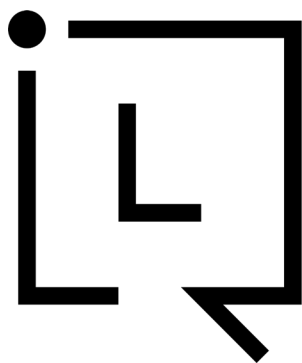


Stakeholder  
engagement



User & Living Lab  
research





# INTERIORS LIVING LAB

by CENFIM

## INTERIORS Living Lab CENFIM FURNISHINGS CLUSTER

**Country:** Spain

[www.cenfim.org](http://www.cenfim.org)

### Type of LL

Living Lab as a service.

INTERIORS LIVING LAB by CENFIM Furnishings Cluster involves in a straightforward manner more than 160 affiliated companies, including home and contract interiors products manufacturers, retailers and auxiliary industries motivated by innovation from furniture, home textiles, lighting, bath, paving and other sectors (covering all the interiors value chain). The Living Lab has a total outreach of more than 2.600 companies across Spain and many other entities across the European Union.

### Areas of work

- Artificial Intelligence
- Circular Economy
- Culture & Creativity (creative sectors)
- Education and/or vocational training
- Health & Well Being
- Industries & Manufacturing
- SME & Start-ups
- Social innovation & inclusion

### Main expertise



Business model  
innovation



Co-creation  
methods & tools



Impact  
assessments



Implementation  
after testing



Innovation  
strategies



Living Lab (projects)  
evaluation



Panel  
Management



Policy making



Real-life  
experimentation



Scaling-up



Service design



Stakeholder  
engagement



User & Living Lab  
research





# Medialab UGR

## Medialab UGR: Research Laboratory for Digital Culture and Society University of Granada

**Country:** Spain

[www.medialab.ugr.es](http://www.medialab.ugr.es)

### Type of LL

Urban Living Lab.

Medialab UGR is part of the University of Granada's Directorate for Participation and Social Innovation, within the Vice-Rectorate for Institutional Relations and Planning. It strives to serve as an open laboratory for the generation of proposals at the University and in society, as a research hub, and as an experimental space for exploring creativity and new ways of generating knowledge in digital societies. The Lab places special emphasis on prototyping and open knowledge (a superset encompassing the concepts of open data, open content and open access). Medialab UGR has been developed as a cross-sectional open space by, and for, the University and society. It operates both as a physical hub and via social networks, with a focus on connecting and (re) combining knowledge generated at the University and in society. An important objective of the UGR MediaLab is to incorporate technology within the frameworks of knowledge generation, social interaction, and public engagement.

### Areas of work

- Culture & Creativity (creative sectors)
- Education and/or vocational training
- Media
- Regulatory learning (policy making)
- Social innovation & inclusion
- Urban areas

### Main expertise



Business model  
innovation



Co-creation  
methods & tools



Governance  
models



Innovation  
strategies



Living Lab (projects)  
evaluation



Policy making



Real-life  
experimentation



Stakeholder  
engagement



User & Living Lab  
research



**Citilab Cornellà**  
**Citilab****Country:** Spain[www.citilab.eu](http://www.citilab.eu)

Citilab is a center for social and digital innovation in Cornellà de Llobregat, Barcelona. Citilab exploits and spreads the digital impact on creative thinking, design and innovation emerging from digital culture. Citilab is a mixed model between a training center, a research center and an incubator for business and social initiatives. This project started with the idea that digital technologies, specifically the Internet, are a way of innovation much more focused on citizens. Their methods of work are design thinking and user-centred creation. In Citilab, the Internet is considered as a way to innovate more collaboratively, integrating the citizen in the core process. Since this project was born in 1997 and opened its physical site ten years later, Citilab has been promoting activities as a center for civic innovation, spreading the Knowledge Society.





## **La Marina Living Lab**

### **La Marina Living Lab**

**Country:** Spain

La Marina Living Lab is an urban laboratory, which uses systematic practices of participatory co-creation to design and reimagine inclusive and innovative public spaces. What distinguishes LL's experimental ecosystem from others is its sheer magnitude and scope of work. La Marina Living Lab's activities extend over the entire 1 million sqm territory of La Marina de València, counting both land and water, and they impact millions of people every year. La Marina Living Lab is about revitalizing an underused waterfront through the active participation of research organizations, public administrations, private companies and of course – the citizens. It is a vast and ambitious undertaking fueled by the conviction that bringing all relevant stakeholders on board. A really important attribute of La Marina Living Lab is its focus on innovation. In La Marina open and inclusive public spaces are used to foster innovation and advance the economic development of the waterfront and the entire city.





## **Living Lab Social in real environment Ageing Social Lab**

**Country:** Spain

[www.ageinglab.org](http://www.ageinglab.org)

Living Lab Social in real environment offers a comprehensive and direct service providing customized solutions both research projects and in the development as innovation for products and services for the elderly, in order to adapt these products and services to their needs. Living Lab is a real-life test and experimentation environment where users and producers co-create innovations. It seeks a strong user and stakeholder-driven approach and commitment to iterative design, test and validation of solutions. In this sense, the activities of the Living Lab revolve around: i) co-design users, suppliers and designers in developing the concept and definition of the solution; ii) participation and involvement of end users in the process for action research; iii) exploration of ideas and needs for the discovery of new uses or adaptation of resources; iv) the application of live scenarios within the user communities; v) evaluation of concepts, products and services. Living Lab Social in real environment is able to bring together and engage numerous stakeholders in the aging process, by creating synergies through professional, collaborative and expert networks. The development the Living Lab is made with character intergenerational, involving formal and informal caregivers, professionals and institutions in related sectors to improve the quality of life of the aging process (social, health, tourism, knowledge, etc.).





Living Labs in



**SWEDEN**



# HSB LIVING LAB

## HSB Living Lab

HSB Levande Lab Utveckling  
HB

**Country:** Sweden

[www.hsblivinglab.com](http://www.hsblivinglab.com)

### Type of LL

Research driven Living Lab;  
Living testbed.

HSB Living Lab is a journey towards future housing. The project tests completely new technological and architectural innovations over a period of 10 years. The building, located at Chalmers Campus Johanneberg in Gothenburg, is so much more than a house – it is a Living Laboratory where research can be done in a way never done before. HSB Living Lab is a movable four-storey building and was ready for occupancy on June 1, 2016. Three of the floors are housing for students and visiting researchers and on the ground floor there are collaboration rooms with offices, conference rooms, showrooms for research projects, and a modern laundry studio. The accommodation in HSB Living Lab today consists of 29 apartments where tenants live in an ever-changing and evaluated environment, all while the research is ongoing. HSB Living Lab is run by 12 partners to create a solid collaboration arena for new knowledge with a focus on social, economic, and environmental sustainability.

### Areas of work

- Energy
- Circular Economy
- Rural areas
- Smart Cities & Regions
- Water (Blue economy)

### Main expertise



Business model  
innovation



Co-creation  
methods & tools



Governance  
models



Impact  
assessments



Implementation  
after testing



Innovation  
strategies



Living Lab (projects)  
evaluation



Real-life  
experimentation



Scaling-up



Service design

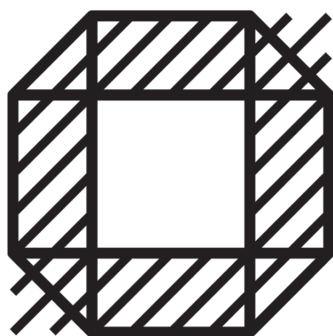


Stakeholder  
engagement



User & Living Lab  
research





## OPENLAB

**Openlab**  
**Royal Institute of Technology**  
**Sweden**

**Country:** Sweden

[www.openlabsthlm.se](http://www.openlabsthlm.se)

### Type of LL

Urban Living Lab.

Openlab is a challenge-driven innovation community providing courses for professionals, master's students, and PhD students, as well as innovation support and co-creation spaces for our public partners. Together with the founding partners the Living Lab is expert on innovation for the public sector through design methods and collaborative processes.

### Areas of work

- Education and/or vocational training
- Environment/climate change
- Artificial Intelligence
- Health & Well Being
- Mobility
- Regulatory learning (policy making)
- Smart Cities & Regions
- Social innovation & inclusion
- Urban areas
- Zero pollution & decarbonization
- Water (Blue economy)

### Main expertise



Business model  
innovation



Co-creation  
methods & tools



Governance  
models



Impact  
assessments



Implementation  
after testing



Innovation  
strategies



Living Lab (projects)  
evaluation



Policy making



Real-life  
experimentation



Scaling-up



Service design



Stakeholder  
engagement



User & Living Lab  
research



# BOTNIA LIVING LAB

## Botnia Living Lab Luleå University of Technology

**Country:** Sweden

[www.ltu.se](http://www.ltu.se)

### Type of LL

Research driven Living Lab.

Botnia Living Lab is a world leading environment for user-centric research, development, and innovation (RDI), supported by innovative methods, tools and experts and is also one of the founders and a member of the European Network of Living Labs (ENoLL). Botnia Living Lab has a particular interest in Living Lab research as it is hosted by Luleå University of Technology and several researchers with high academic expertise and experiences are contributing to the projects that Botnia Living Lab is involved in. The projects are focused on digital innovation and transformation, smart cities and regions, urban and rural Living Labs, sustainability as well as education, in both national and international levels.

### Areas of work

- Rural areas
- Urban areas
- Artificial Intelligence
- Education and/or vocational training
- Environment/climate change
- Health & Well Being
- Smart Cities & Regions
- Social innovation & inclusion

### Main expertise



Co-creation  
methods & tools



Governance  
models



Impact  
assessments



Implementation  
after testing



Innovation  
strategies



Living lab (projects)  
evaluation



Panel  
Management



Real-life  
experimentation



Scaling-up



Service design



Stakeholder  
engagement



User & living lab  
research





## Living Lab at Mälardalen University Mälardalen University

**Country:** Sweden

### Type of LL

Research driven Living Lab;  
Living testbed.

The projects managed by MDU Living Lab strives to create an awareness of the co-creation process as such, in developing education programs, courses or research and students' project. MDU Living Lab aims to further develop and document new methods for co-creation within academic education and research.

### Areas of work

- Culture & Creativity (creative sectors)
- Health & Well Being
- Industries & Manufacturing
- Social innovation & inclusion
- Education and/or vocational training

### Main expertise



Co-creation  
methods & tools



Impact  
assessments



Implementation  
after testing



Innovation  
strategies



Living Lab (projects)  
evaluation



Panel  
Management



Real-life  
experimentation



Stakeholder  
engagement



User & Living Lab  
research



learning, loving &amp; laughing

# Småland Living Lab



## Småland Regional Living Lab

Department of Design,  
Linnæus University

**Country:** Sweden

[www.lnu.se/en/research/searchresearch/smaland-living-lab](http://www.lnu.se/en/research/searchresearch/smaland-living-lab)

### Type of LL

Research driven Living Lab.

Småland Living Lab is about finding and building on synergies between social, cultural, economic, and ecological dimensions of sustainability. Through it experimentation, learning and change, education and inspiration happen simultaneously. The vision of Småland Living Lab is that it will connect a range of initiatives in the remit of sustainability within the region, for knowledge exchange, power, visibility, and also create models for other regions. Småland Living Lab works at the local and regional level to support adaption to a circular economy, and to meet and exceed the UN Sustainable Development Goals. Småland Living Lab uses meta design approaches and tools developed to prompt synergy in transdisciplinary collaborations.

### Areas of work

- Culture & Creativity (creative sectors)
- Environment/climate change
- Social innovation & inclusion

### Main expertise



Business model  
innovation



Co-creation  
methods & tools



Governance  
models



Impact  
assessments



Implementation  
after testing



Innovation  
strategies



Real-life  
experimentation



Scaling-up



User & Living Lab  
research



## **The Swedish Living Lab on Vehicle and Transport ICT**

**Country:** Sweden

The Swedish Living Lab on Vehicle and Transport ICT (SVT-LL) is a competitive Living Lab for user-driven development of automotive and transport applications and services. The objective of the SVT-LL is to leverage Sweden's strong cluster of automotive and transport firms through the development, adoption, and use of co-creation approaches to product and service innovation. SVT-LL is coordinated by the Viktoria Institute.





Living Labs in



**SWITZERLAND**





# GENÈVE LAB

## Genève Lab State of Geneva

**Country:** Switzerland

[www.ge.ch/dossier/geneve-lab](http://www.ge.ch/dossier/geneve-lab)

### Type of LL

Living Lab as a service.

Genève Lab supports the public administration of the State of Geneva in the transformation induced by the challenges of the digital age. This consists of helping project leaders to adopt a user-centred approach, to work in a collaborative, multidisciplinary manner and by opening up to our ecosystem, as well as to favour prototyping and iteration.

### Areas of work

- Social innovation & inclusion
- E-government/e-participation

### Main expertise



Business model  
innovation



Co-creation  
methods & tools



Implementation  
after testing



Innovation  
strategies



Panel  
Management



Policy making



Real-life  
experimentation



Service design



Stakeholder  
engagement



# senior – lab<sup>ch</sup>

## Senior-lab

c/o Institut et Haute Ecole  
de la Santé La Source

**Country:** Switzerland

[www.senior-lab.ch](http://www.senior-lab.ch)

## Type of LL

Research driven Living Lab.

The senior-lab is an innovation and research platform dedicated to the quality of life of the elderly. The interdisciplinary approach is in its DNA as it was created by three schools of applied sciences, each one specialized in very different, but complementary, subjects (management, engineering, health, art, and design). The Living Lab team strongly believes that no successful innovation is possible without the involvement of the end-users already from the first steps of the process. For this reason, it develops all projects with a community of senior citizens, in a user-driven mindset. The elderly share their experiences, expectations, and aspirations to co-create products, services and technologies that will concretely match their needs.

## Areas of work

- Health & Well Being
- Social innovation & inclusion
- Education and/or vocational training

## Main expertise



Business model  
innovation



Co-creation  
methods & tools



Governance  
models



Implementation  
after testing



Innovation  
strategies



Panel  
Management



Real-life  
experimentation



Service design



Stakeholder  
engagement



User & Living Lab  
research





## Living Lab for Special Needs

HES-SO Valais-Wallis

**Country:** Switzerland

[www.livinglabhandicap.ch](http://www.livinglabhandicap.ch)

### Type of LL

Research driven Living Lab.

The Living Lab for Special Needs is a co-creation and innovation network, a space for exchange bringing together people with disabilities, scientists, companies, and all other people interested in collaborating in the field of disability and the co-creation of new services and technological solutions with and for people with disabilities.

### Areas of work

- Health & Well Being
- Mobility
- Social innovation & inclusion
- Disability, Special Needs

### Main expertise



Business model innovation



Co-creation methods & tools



Governance models



Impact assessments



Implementation after testing



Innovation strategies



Living Lab (projects) evaluation



Panel Management



Policy making



Real-life experimentation



Scaling-up



Service design



Stakeholder engagement



User & Living Lab research





Zukunftslabor CreaLab

## Creative Living Laboratory

Lucerne University of Applied Sciences and Arts (LUASA/HSLU)

**Country:** Switzerland

<https://sites.hslu.ch/crealab/>

### Type of LL

Living Lab as a service;  
Research driven Living Lab;  
Interdisciplinary, futuristic  
projects focused.

Future Laboratory CreaLab enables and develops future-orientated and innovative inter- and transdisciplinary research and teaching at the Lucerne University of Applied Sciences (LUASA). With inspiring action-based formats it tests, showcases, and lives frameworks and methodologies that encourage people to challenge the status quo both in the educational system and societal contexts. In the past 10 years CreaLab grew from the interest to cross departmental borders and connect students and professionals of the university in experimental environments to actively build into the unknown. Today CreaLab is an active ecology that brings its knowledge to large research projects and supports internal organisational units, provides services to companies, institutions, and associations. The members expand their research, ideas with fellow academics and a broad public audience. The CreaLab group is continuously evolving according to the members joining. The CreaLab has five focus points: Next Economy; Innovative Urban- and Spatial Development; Future of Work; New Forms of Teaching and Learning. Collaborations in the Future Laboratory are made possible with openness and trust in the vision that practice-based action research and respect for the potential of many different forms of knowledge are central to developing new and socially relevant activities for a sustainable society.

### Areas of work

- Culture & Creativity (creative sectors)
- Education and/or vocational training
- Social innovation & inclusion

### Main expertise



Business model  
innovation



Co-creation  
methods & tools



Innovation  
strategies



User & Living Lab  
research



# L\*3 Lugano Living Lab

## Lugano Living Lab City of Lugano

**Country:** Switzerland

[www.luganolivinglab.ch](http://www.luganolivinglab.ch)

### Type of LL

Urban Living Lab.

The need for a modern quality management of public affairs, based on data, facts and figures and functional for the vision and strategy defined by the Municipality, has led to the creation of the Lugano Living Lab operating platform, as a concrete response aimed at encouraging innovation to further improve the quality of life of citizens and the attractiveness of the region.

### Areas of work

- Education and/or vocational training
- Energy
- Mobility
- Social innovation & inclusion
- Culture & Creativity (creative sectors)
- Health & Well Being

### Main expertise



Business model  
innovation



Co-creation  
methods & tools



Governance  
models



Impact  
assessments



Implementation  
after testing



Innovation  
strategies



Living Lab (projects)  
evaluation



Panel  
Management



Policy making



Real-life  
experimentation



Scaling-up



Service design



Stakeholder  
engagement



User & Living Lab  
research





## Energy Living Lab HES-SO

**Country:** Switzerland

[www.energylivinglab.com](http://www.energylivinglab.com)

### Type of LL

Urban Living Lab.

The Energy Living Lab Association (ELLA) has been created in 2020 as a spin-off to replicate, disseminate and communicate Living Lab approaches in the energy field. It supports an ecosystem of actors in using the methods and tools and invites people and institutions from the Public, Private, Governmental, Academic sectors and civil society to co-design solutions for Energy Decarbonisation. The HES-SO research team works on applied research, methods, and tools to further develop the knowledge on applying Living Lab methods in the energy field. Designing research projects, publishing scientific articles, developing a network of researchers, teaching Living Labs, open innovation and social innovation are main activities within the Energy Living Lab @HES-SO.

### Areas of work

- Circular Economy
- Education and/or vocational training
- Energy
- Environment
- Mobility
- Smart Cities & Regions
- SME & Start-ups
- Social innovation & inclusion
- Zero pollution & decarbonization
- Water (Blue economy)

### Main expertise



Business model  
innovation



Co-creation  
methods & tools



Governance  
models



Impact  
assessments



Implementation  
after testing



Innovation  
strategies



Living Lab (projects)  
evaluation



Panel  
Management



Real-life  
experimentation



Scaling-up



Service design



Stakeholder  
engagement



User & Living Lab  
research





ECOVILLAGES  
& LIVING LAB 

## Ecopol Living Lab & ecovillages Romandie

**APTES - Association  
pour la Promotion de la  
Transdisciplinarité et de  
l'Entrepreneuriat social**

**Country:** Switzerland

[www.ecopol.net/enoll](http://www.ecopol.net/enoll)

### Type of LL

Rural Living Lab;  
Living Lab as a service;  
Research driven Living Lab;  
Ecovillage.

Since 1993, the R&D team develops and facilitates ecovillage intergenerational and intercultural dialogue to incubate intentional communities dedicated to deep ecology and energetical sobriety. The Living Lab manages 3 eco-centres gathering families, artists, social entrepreneurs, seniors, refugees, academic researchers, and public officers.

### Areas of work

- Circular Economy
- Culture & Creativity (creative sectors)
- Education and/or vocational training
- Environment/climate change
- Smart Cities & Regions
- Social innovation & inclusion
- SME & Start-ups
- Zero pollution & decarbonization

### Main expertise



Business model  
innovation



Co-creation  
methods & tools



Governance  
models



Impact  
assessments



Implementation  
after testing



Innovation  
strategies



Policy making



Real-life  
experimentation



Scaling-up



Service design



Stakeholder  
engagement



User & Living Lab  
research





## NEST Empa

**Country:** Switzerland

[www.nest.empa.ch](http://www.nest.empa.ch)

### Type of LL

Living testbed;  
Research driven Living Lab.

NEST is the modular research and innovation building of Empa and Eawag. At NEST, new technologies, materials, and systems are tested, researched, further developed, and validated under real conditions. Close cooperation with partners from research, industry and the public sector ensures that innovative construction and energy technologies are put onto the market faster. NEST contributes to making the use of resources and energy more sustainable and circular. The NEST partner network consists of over 150 partners from academia, industry, and the public.

### Areas of work

- Artificial Intelligence
- Circular Economy
- Education and/or vocational training
- Energy
- Environment/climate change
- Industries & Manufacturing
- Mobility
- Regulatory learning (policy making)
- Smart Cities & Regions
- SME & Start-ups
- Urban areas
- Zero pollution & decarbonization
- Water (Blue economy)
- Digital fabrication

### Main expertise



Business model  
innovation



Co-creation  
methods & tools



Governance  
models



Implementation  
after testing



Living Lab (projects)  
evaluation



Policy making



Real-life  
experimentation



Scaling-up



Stakeholder  
engagement



# i|Home|Lab HSLU Hochschule Luzern

## iHomeLab (iHL) Hochschule Luzern Technik & Architektur

**Country:** Switzerland

[www.ihomelab.ch](http://www.ihomelab.ch)

### Type of LL

Research driven Living Lab.

The iHomeLab Living Lab of the Lucerne University of Applied Sciences (LUAS) is the leading research centre for building intelligence in Switzerland. Connected within a broad network of experts, it also engages in international initiatives to further develop these fields, contributes to scientific conferences and trade fairs and actively takes part in shaping new standards and technologies being a member of several technology standards organisations and professional unions (e.g. ZigBee Alliance, KNX Scientific, IEEE, IPv6 Swiss Council, AALOA, 4E, terzStiftung). Together with its industrial partners, the iHomeLab Living Lab team conducts applied research to increase the energy efficiency, security and comfort in residential as well as commercial buildings. The research strategy focuses on the three research areas of energy efficiency (EE), ambient assisted living (AAL) and human building interaction (HBI) under the roof of the metaresearch topic “The Building as a System” at the Lucerne University of Applied Sciences.

### Areas of work

- Research
- Artificial Intelligence
- Energy
- Health & Well Being
- Smart Cities & Regions

### Main expertise



Business model  
innovation



Innovation  
strategies



Living Lab (projects)  
evaluation



Real-life  
experimentation



Service design



Stakeholder  
engagement



User & Living Lab  
research





## Mobile Communications and Computing for Life Quality

University of Geneva, Center for Informatics, Switzerland

**Country:** Switzerland

[www.mqol.unige.ch](http://www.mqol.unige.ch)

Quality of Life (QoL) Technologies Lab's mission is to responsibly unleash the power of data to benefit the quality of life of all individuals. More specifically, the Lab's mission is to design, develop and evaluate advanced computational models and algorithms embedded within emerging mobile technologies to assess individuals' life quality as it unfolds naturally over time and in context and improves it at all stages of life. The mQoL Living Lab supports the research goals of the QoL Lab by serving as an umbrella for study participants' enrolment and continuous engagement.

### Type of LL

Research driven Living Lab.

### Areas of work

- Artificial Intelligence
- Health & Well Being
- Mobility

### Main expertise



Co-creation methods & tools



Implementation after testing



Living Lab (projects) evaluation



Panel Management



Real-life experimentation



Service design



Stakeholder engagement



User & Living Lab research





# mobility lab

**Mobility Lab CH**  
**Swiss Post Ltd, Corporate**  
**Development, CEO**  
**Corporate Services**

**Country:** Switzerland

[www.mobilitylab.ch](http://www.mobilitylab.ch)

## Type of LL

Urban Living Lab;  
 Research driven Living Lab.

The challenges in the public space, particularly in the area of transport and mobility, will increase in the coming years. The Mobility Lab wants to provide innovative solutions. Since 2014, the Mobility Lab in Sion-Valais has brought together the Federal Institute of Technology Lausanne (EPFL), the University of Applied Sciences HES-SO Valais-Wallis, the Canton of Valais, the City of Sion and Swiss Post. Together, these partners develop innovative ideas and test solutions in the public space in Sion and its region, particularly in the field of mobility.

## Areas of work

- Circular Economy
- Energy
- Mobility
- Smart Cities & Regions
- Urban areas
- Zero pollution & decarbonization

## Main expertise



Co-creation  
 methods & tools



Impact  
 assessments



Implementation  
 after testing



Innovation  
 strategies



Real-life  
 experimentation



Service design



Stakeholder  
 engagement



User & Living Lab  
 research



# FiBL

## FiBL On - farm Living Labs

FiBL

**Country:** Switzerland

[www.fibl.org](http://www.fibl.org)

The Living Lab is part of the project ROADMAP (Rethinking of Antimicrobial Decision-Systems in the Management of Animal Production) which will foster transitions towards prudent antimicrobial use (AMU) in animal production in a large variety of contexts, by favouring a rethinking antimicrobial decision system all along the food supply chain.

### Areas of work

- Agriculture & (Agri-)Food

### Type of LL

Research driven Living Lab.

### Main expertise



Impact assessments



Implementation after testing



Innovation strategies



Stakeholder engagement



User & Living Lab research





**Smart Living Lab**  
EPFL (Ecole polytechnique  
fédérale de Lausanne,  
Switzerland)

**Country:** Switzerland

[www.smartlivinglab.ch](http://www.smartlivinglab.ch)

**Type of LL**

Research driven Living Lab.

The Smart Living Lab is a research and development centre for the future of the built environment. It focuses on carbon footprint, energy systems, construction technology, digital transformation, comfort, and well-being of users (IEQ, user-building interactions). Interdisciplinary research projects are pursued with experiments carried out in real-life conditions.

**Areas of work**

- Circular Economy
- Energy
- Environment/climate change
- Health & Well Being
- Smart Cities & Regions
- Zero pollution & decarbonization
- Urban areas

**Main expertise**



Co-creation  
methods & tools



Impact  
assessments



Implementation  
after testing



Innovation  
strategies



Real-life  
experimentation



Scaling-up



Stakeholder  
engagement



User & Living Lab  
research





Living Labs in



**TAIWAN**





## Taiwan Living Lab Institute for Information Industry

**Country:** Taiwan

[www.livinglabs.com.tw/en/](http://www.livinglabs.com.tw/en/)

### Type of LL

Urban Living Lab;  
Living testbed;  
Living Lab as a service;  
Research driven Living Lab.

The Taiwan Living Lab operated by Institute for Information Industry is committed to three core values: innovation, compassion, and effectiveness. Institute for Information Industry will follow a well-designed blueprint of services to choose the target group to serve and design various experiments to evaluate the performances of new technological services. Its mission is to assist domestic businesses to proceed the PoC, PoS and PoB projects in the validation phase of service concept to reduce the potential risks for lacking proper understanding of the market, and to raise the chance to succeed in IT enabled service providing businesses.

### Areas of work

- Artificial Intelligence
- Health & Well Being
- Mobility
- Smart Cities & Regions
- SME & Start-ups
- Social innovation & inclusion
- Culture & Creativity (creative sectors)

### Main expertise



Business model  
innovation



Co-creation  
methods & tools



Governance  
models



Impact  
assessments



Implementation  
after testing



Innovation  
strategies



Living Lab (projects)  
evaluation



Panel  
Management



Policy making



Real-life  
experimentation



Scaling-up



Service design



Stakeholder  
engagement



User & Living Lab  
research





Living Labs in



**TUNISIA**





## DIGIART LIVING LAB

### DigiArt Living Lab Tunisian Association of Creative Technology

**Country:** Tunisia

[www.dall4all.org](http://www.dall4all.org)

### Type of LL

Living Lab as a service;  
Urban Living Lab;  
Research driven Living Lab.

Digiart Living Lab (DALL) is a creative platform for social and open innovation. The DALL is a space to welcome the African talents wishing to develop their creative spirit and wanting to produce creative, innovative projects, having a social impact, and using creative and digital technologies (3D, Video game, Virtual Reality, Augmented Reality, IoT, etc.). DALL's main mission is to support the community of young people and talents passionate about creative and digital technologies, to organize events and to carry out projects that contribute to the development of the digital arts sector in African Continent.

### Areas of work

- Artificial Intelligence
- Culture & Creativity (creative sectors)
- Education and/or vocational training
- Health & Well Being
- Industries & Manufacturing
- Media
- Regulatory learning (policy making)
- Smart Cities & Regions
- SME & Start-ups
- Social innovation & inclusion
- Urban areas

### Main expertise



Co-creation  
methods & tools



Impact  
assessments



Implementation  
after testing



Real-life  
experimentation



Service design



Stakeholder  
engagement



User & Living Lab  
research





Living Labs in



**TURKEY**





## Mezopotamya Living Lab

Şanlıurfa Metropolitan Municipality

**Country:** Turkey

[www.mezopotamyall.com](http://www.mezopotamyall.com)

### Type of LL

Urban Living Lab;

Rural Living Lab.

Mezopotamya Living Lab's goal is to raise the living standards of the residents and to move beyond the standards offered by the Şanlıurfa metropolitan municipality. It does so by using technology accordingly and consciously in every aspect of life in coordination with the non-governmental organizations of the region, cooperatives of farmers and Professional chambers. The Living Lab provides value to different spheres of the economy. With ECOTECHNOLOGY AGRICULTURE and RENEWABLE ENERGY, it develops the land with technology and aims to benefit from natural energy. With SMART TOURISM and CULTURE, it seeks to see the actual value of technology in world tourism with all the possibilities at zero point in history. With INFORMATICS, ARTIFICIAL INTELLIGENCE and INNOVATION, it works continuously with current trainings and mentor support to ensure that ideas and initiatives have a say in the world market. Their focal point are young people who produce technology and software for the world by developing technological products that are in every aspect of our lives, and by developing and raising their software skills to higher levels.

### Areas of work

- Agriculture & (Agri-)Food
- Artificial Intelligence
- Culture & Creativity (creative sectors)
- Education and/or vocational training
- Environment
- Industries & Manufacturing
- Media
- Regulatory learning (policy making)
- Rural areas
- Smart Cities & Regions
- SME & Start-ups
- Social innovation & inclusion
- Urban areas
- Water (Blue economy)

### Main expertise



Co-creation  
methods & tools



Governance  
models



Implementation  
after testing



Innovation  
strategies



Policy making



Service design



Stakeholder  
engagement



User & Living Lab  
research





## BAŞAKŞEHİR Living Lab

### BAŞAKŞEHİR MUNICIPALITY

**Country:** Turkey

[www.basaksehir-livinglab.com](http://www.basaksehir-livinglab.com)

#### Type of LL

Urban Living Lab;  
Living Lab as a service;  
Living testbed.

Başakşehir Living Lab is certificated as Turkey's first Living Lab in May 2012. Başakşehir Living Lab is established for spreading innovation and entrepreneurship based on ICT and industrial design, supporting the new business opportunities, developing new easily accessible services for Başakşehir citizens, and promoting the awareness of citizens to new technological improvements. Başakşehir Living Lab serves at Başakşehir Municipality Innovation and Technology Center, located in Başakşehir District of Istanbul, where it is equipped with the latest technology and is the first public sector building that has LEED Gold Certification. In total, it has 3,000 sqm indoor space and many specialized areas in it, such as user experience centre, electronic lab, 3D modelling and printing area, incubation area, design factory, conference room, workshop hall and social area. In this building, entrepreneurs have great chances about user-centric application and product development, laboratory work, business development workshops and meeting with investors.

#### Areas of work

- Artificial Intelligence
- Circular Economy
- Education and/or vocational training
- Environment
- Health & Well Being
- Media
- Regulatory learning (policy making)
- Smart Cities & Regions
- SME & Start-ups
- Social innovation & inclusion
- Urban areas
- Zero pollution & decarbonization
- Water (Blue economy)

#### Main expertise



Business model  
innovation



Co-creation  
methods & tools



Governance  
models



Impact  
assessments



Implementation  
after testing



Innovation  
strategies



Living Lab (projects)  
evaluation



Panel  
Management



Real-life  
experimentation



Service design



Stakeholder  
engagement



User & Living Lab  
research





## Bodrum Living Lab Bodrum Girişimcilik A.Ş.

**Country:** Turkey

[www.bodrumlivinglab.com](http://www.bodrumlivinglab.com)

### Type of LL

Urban Living Lab;  
Rural Living Lab;  
Startup Accelerator.

Bodrum Living Lab (BoLL) is an enabling co-creation hub where innovative products and services are developed in real life environments and with real users, coordinating all stakeholders of a start-up or a project (public, private sector, universities, and local citizens). BoLL aspires to play a key role in bringing all stakeholders of Bodrum to co-innovate and bring value creating projects into life. It focuses on Bodrum's key economic activities: maritime, tourism, agriculture, and wellness. The Living Lab invites all innovators to join and create value for Bodrum.

### Areas of work

- Agriculture & (Agri-)Food
- Environment/climate change
- Health & Well Being
- Smart Cities & Regions
- SME & Start-ups
- Zero pollution & decarbonization
- Water (Blue economy)

### Main expertise



Business model  
innovation



Co-creation  
methods & tools



Governance  
models



Implementation  
after testing



Innovation  
strategies



Real-life  
experimentation



Scaling-up



Service design



Stakeholder  
engagement



User & Living Lab  
research





Living Labs in



# UNITED KINGDOM





## The Innovate Dementia Transnational Living Lab

**Centre for Collaborative Innovation in Dementia at Liverpool John Moores University**

**Country:** United Kingdom

[www.ljmu.ac.uk/research/centres-and-institutes/centre-for-collaborative-innovation-in-dementia](http://www.ljmu.ac.uk/research/centres-and-institutes/centre-for-collaborative-innovation-in-dementia)

### Type of LL

Living testbed;  
Research driven Living Lab;  
Living Lab as a service.

The Innovate Dementia Transnational Living Lab hosted by the Centre for Collaborative Innovation in Dementia at Liverpool John Moores University is a research-to-innovation asset. The Lab arose out of the successes of the Innovate Dementia project. The central aim of the project was to engage with people living with dementia to develop innovative ways of addressing their everyday challenges. The project team worked with people living with dementia, the business sector – SMEs and multinational companies, other academics, and commissioners and providers of services. Transnationally over 15 innovations were brought to the market. The work of the project was based on a robust participatory engagement process, in 2014 the Centre's Living Lab was accredited by ENoLL. The Lab has widened its reach by working with co-creation groups across health and social care, this work is not always condition specific, it can be international; however, it is always grounded within the needs of the most vulnerable in society. The civic intention of the Centre is to facilitate people living with a health-related condition to develop sustainable solutions to their everyday challenges, while evaluating the real-world effectiveness of these solutions. Since 2012, the Centre has worked in partnership with both national and international partners on several research-to-innovation projects, securing nearly £20 millions of funding. During the delivery of these projects, the Centre has produced over eighty diverse research-to-innovation outputs.

### Areas of work

- Health & Well Being
- Social innovation & inclusion
- SME & Start-ups

### Main expertise



Business model innovation



Co-creation methods & tools



Governance models



Impact assessments



Implementation after testing



Innovation strategies



Living Lab (projects) evaluation



Panel Management



Policy making



Real-life experimentation



Scaling-up



Service design



Stakeholder engagement



User & Living Lab research





# Northumbria University NEWCASTLE

## Social Informatics Lab, Newcastle Living Lab

**Northumbria University**

**Country:** United Kingdom

@nclLivingLab

### Type of LL

Living Lab as a service;  
Research driven Living Lab.

The Newcastle Living Lab (@NclLivingLab) is a method and set of tools that enable organisations to innovate their relationships with employees, partners, and customers. By analysing fundamental interactions, it can help to identify inventive approaches to wicked problems and better ways of getting things done. It represents a creative and innovative approach to complex problem solving for businesses and communities through collaboration and partnership building. One example highlighted how multi-agency collaboration facilitated by the Living Lab has helped transform the probation. By analysing fundamental interactions, it can help to identify inventive approaches to wicked problems and better ways of getting things done. It represents a creative and innovative approach to complex problem solving for businesses and communities through collaboration and partnership building.

### Areas of work

- Social innovation & inclusion
- Urban areas
- Zero pollution & decarbonization
- SME & Start-ups
- Smart Cities & Regions
- Rural areas
- Regulatory learning (policy making)
- Health & Well Being
- Environment/climate change
- Education and/or vocational training
- Culture & Creativity (creative sectors)

### Main expertise



Business model  
innovation



Co-creation  
methods & tools



Governance  
models



Impact  
assessments



Implementation  
after testing



Innovation  
strategies



Living Lab (projects)  
evaluation



Policy making



Real-life  
experimentation



Scaling-up

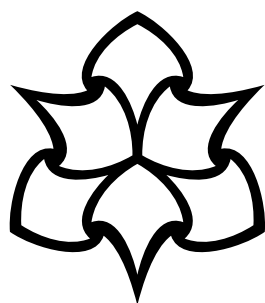


Service design



Stakeholder  
engagement





# Manchester Metropolitan University

## Manchester Digital Innovation Living Lab Manchester Metropolitan University

**Country:** United Kingdom

[www.mmu.ac.uk](http://www.mmu.ac.uk)

### Type of LL

Urban Living Lab.

For a large university such as Manchester Metropolitan University, the most important capability is the diversity of the expertise and relationships. Universities are often seen as “neutral territory”, and in the last few years we have had a great deal of success in bringing together a range of different parties, both from business and the wider community, to work together on projects that otherwise they would have been seen to be in competition. Manchester Digital Innovation LL particular areas of interest are: i) big data; ii) smart cities; iii) app development; iv) future networks; v) design and technology for an ageing population; vi) digital imaging; vii) UX; viii) co-creation through new technologies and social structures; ix) social media; x) digital manufacturing; xi) computer games development; xii) new approaches to animation; xiii) innovative business models and new partnerships (Manchester, UK, Europe, China).

### Areas of work

- Social innovation & inclusion
- Regulatory learning (policy making)
- Culture & Creativity (creative sectors)

### Main expertise



Business model innovation



Co-creation methods & tools



Governance models



Impact assessments



Implementation after testing



Innovation strategies



Living Lab (projects) evaluation



Panel Management



Policy making



Real-life experimentation



Scaling-up



Service design



Stakeholder engagement



User & Living Lab research





# Lab 4 Living

## Lab4Living Sheffield Hallam University

**Country:** United Kingdom

[www.lab4living.org.uk](http://www.lab4living.org.uk)

### Type of LL

Research driven Living Lab.

Lab4Living is a trans-disciplinary research group, based on a collaborative community of researchers in design, healthcare, and creative practices. These work together to address real world issues that impact on health and wellbeing, developing products, services and interventions that promote dignity and enhance quality of life.

### Areas of work

- Health & Well Being

### Main expertise



Co-creation  
methods & tools



Impact  
assessments



Innovation  
strategies



Living Lab (projects)  
evaluation



Panel  
Management



Policy making



Real-life  
experimentation



Service design



Stakeholder  
engagement



User & Living Lab  
research





## Knowle West Media Centre, Bristol Living Lab

**Knowle West Media Centre**

**Country:** United Kingdom

[www.kwmc.org.uk](http://www.kwmc.org.uk)

### Type of LL

Living testbed.

The mission of the Living Lab is “Making fair and thriving neighbourhoods with art, tech & care”. Bristol Living Lab is run by Knowle West Media Centre (KWMC), a UK based non-profit arts organisation with 20 years’ experience of working with communities and individuals to understand how creativity and digital technologies can be utilised to meet local needs and address system change. It is a community based ‘enabler-driven’ Living Lab: KWMC acts as a ‘broker’ between citizens and organisations, ensuring that each participant in a particular project is able to contribute their knowledge and experience. KWMC adopts an ‘action research’ approach, where continual reflection and evaluation are built into the working process, and this enables KWMC to be flexible and responsive to the changing needs of partners and communities. It has a wide range of citywide, regional, and international networks that it actively works with and takes a ‘Commons’ Approach to sharing knowledge and learning.

### Areas of work

- Culture & Creativity (creative sectors)
- Education and/or vocational training
- Energy
- Environment/climate change
- Circular Economy
- Health & Well Being
- Social innovation & inclusion
- Community Led Housing and MMC

### Main expertise



Business model innovation



Co-creation methods & tools



Governance models



Impact assessments



Implementation after testing



Innovation strategies



Living Lab (projects) evaluation



Panel Management



Policy making



Real-life experimentation



Scaling-up



Service design



Stakeholder engagement



User & Living Lab research





## City Lab Coventry Coventry University

**Country:** United Kingdom

[www.lab4living.org.uk](http://www.lab4living.org.uk)

### Type of LL

Urban living lab;  
Research driven Living Lab.

City Lab Coventry is a Living Lab to drive forward social innovation and research of relevance to the sustainable development goals via extensive collaboration and participation with citizens, public, private and voluntary sectors, government and academia. The Living Lab is implemented via physical and virtual open innovation spaces and infrastructure, including FabLab Coventry. Areas of activity: i) circular economy; ii) education and training; iii) health and wellbeing; iv) mobility; v) smart cities and regions; vi) social innovation and inclusion; vii) security; viii) urban areas. City Lab Coventry is urban and research driven Living Lab.

### Areas of work

- Circular economy
- Education and training
- Health and wellbeing
- Mobility
- Smart cities and regions
- Social innovation and inclusion
- Security
- Urban areas

### Main expertise



Co-creation  
methods & tools



Impact  
assessments



Implementation  
after testing



Living Lab (projects)  
evaluation



Panel  
Management



Policy making



Real-life  
experimentation



Stakeholder  
engagement



User & Living Lab  
research



## **European Network of Living Labs Living Lab Community**

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The international, non-profit, independent  
association of benchmarked Living Labs.











