

ENoLL

Living Lab community

Members catalogue

2023

European Network of Living Labs Living Lab Community

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

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Second 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 ENoLL Members' Catalogue 2023.

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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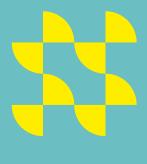


What is ENoLL



02

What is a Living Lab



03

Action Oriented
Task Forces &
Working Groups



04

ENOLL Members



What is ENoLL?



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

Our objective is to foster the **global development of Living Labs** as open innovation ecosystems based on co-creation and cross border & cross-sectoral collaboration.

Our mission is to **provide value to our members and external stakeholder**s by offering them opportunities to develop their capacities & knowledge.

More specifically, we support our members in the **development of impactful, innovative products & services**, and facilitate knowledge exchange among its members and externals.

ENOLL counts today with **155 active members** from **37 countries** located on **five continents** (500+ historically labelled members worldwide).

Our aim is to influence the development of cross-regional instruments to enable and speed up cooperation, piloting and methodology creation of the Living Lab concept globally.

ENOLL is integrated into four main groups:

- ENoLL Board of the Association
- ENoLL General Assembly
- ENoLL Office
- ENoLL Members

ENOLL Board of Association

The Association is managed by the Board of the Association comprising at least three and a maximum of twenty-one Directors, appointed by the General Assembly. The Board of the Association meets at least once every three months, including meetings by telephone, electronic means or any other means. The Board of the Association elects among the Directors, a Chairperson of the Board of the Association, a Secretary and a Treasurer. The positions of Chairperson, Secretary and Treasurer are subject to a yearly election.

ENOLL General Assembly

The General Assembly is composed of all Effective Members. The General Assembly meets every year, under the chairpersonship of the Chairperson of the Board of the Association or in their absence the eldest of the Directors at the registered office or at the place indicated in the notice of the meeting. The decisions of the General Assembly are binding to all Effective Members, Adherent Members and Innovation Partners. The General Assembly has amongst others such powers as approval of the annual budgets and annual accounts, election, dismissal and discharge of Directors, modification of the Statutes, admission of an Effective Member, Adherent Member or Innovation Partner, upon proposal from the Board of the Association etc.

ENoLL Office

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

ENOLL Office is located at Avanue des Arts 6, 1210 Saint-Josse-ten-Noode, Brussels, Belgium.



What is a Living Lab?

Living Labs are open innovation ecosystems in real-life environments based on a systematic user cocreation approach that integrates research and innovation activities in communities, placing citizens at the center of innovation.

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.



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 by a university, city, research institute, municipality, or any organisation where the user is placed at the center of the innovation process.

In this context, Living Labs operate as intermediaries/orchestrators among citizens, government, industry and academia.

In this catalogue, ENoLL showcases its members worldwide, working in different countries and representing a broad range of thematic domains.





Action Oriented Task Forces (AOTFs) & Working Groups (WGs)

The ENOLL Action-oriented Task Forces and Working Groups focus on key topics of interest within the ENOLL Community. Both are open to members and externals who are interested in working with others in a specific domain. Below, the focuses of all AOTFs and WGs are briefly described.

- Agriculture, Agri-food & Rural: 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
 that aim to become a Living Lab in the future, to join our Network and meet the members of our
 ecosystem.
- **Culture & 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.
- **Energy & Environment**: the aim of this Working Group 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 Working Group 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.
- Joint Working Group on Living Labs as regulatory learning tools: 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.

- **Social Impact of AI**: this Working Group is aiming at providing a practical approach to the questions related to the social transformations associated with the development of Artificial Intelligence, in the general framework of digital transformation.
- **Social Innovation & Digital Rights**: this Working Group 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 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.

Click **HERE** or scan the following QR code to sign up!





ENoLL Members

Types of memberships

ENOLL has the following types of memberships: Effective Member, Adherent Member, Accepted to Grow Member, and Innovation Partner.

All members go through the process of certification. All Living Labs that apply to the Association should demonstrate a sufficient level of maturity to become Adherent Members. If an organization does not fully meet all the requirements but has big potential to become a sustainable Living Lab in the future, it will be invited to join our Network as an Accepted to Grow Member. After a year, the Accepted to Grow Members can apply again to become Adherent Members.

Effective Members

The Effective members are the Adherent Members that apply for Effective Membership. Each Effective Member appoints a representative, which shall represent such Effective Member in the meetings of the General Assembly.

The Effective Members have the following rights:

- the right to attend, speak and vote at the meetings of the General Assembly,
- the right to propose a candidate for appointment as a Director,
- the right to participate into Action Oriented Task Forces, Working Groups, projects.

Adherent Members

The Adherent members are legal entities that represent a Living Lab which was duly selected according to the ENOLL labelling process for Adherent Members. During this process, applicants provide ENOLL with a membership application. If the organization fulfils the required acceptance criteria set by the ENOLL Association, Adherent Membership is granted for a period of three years.

The Adherent Members have the following rights:

- the right to attend the meetings of the General Assembly with the right to speak. For the avoidance
 of doubt, Adherent Members will have no right to vote at the General Assembly,
- the right to propose a candidate for appointment as a Director,
- the right to participate into Action Oriented Task Forces, Working Groups, projects.

Accepted to Grow Members

Accepted to Grow Members are organizations that represent a Living Lab, which were duly selected according to the ENOLL certification process. During this process, applicants provide ENOLL with a membership application. If the organization is not mature enough to be acknowledged as an Adherent Member but has a solid base to start from, it will become an Accepted to Grow Member. This means they will be mandatorily linked to the Capacity Building Program of ENOLL, and they'll be re-evaluated after one year.

These members are included in the ENOLL communication channels and have the right to be present and participate in the ENOLL activities, such as:

- the right to attend the meetings of the General Assembly,
- the right to participate in Action Oriented Task Forces and Working Groups.

Innovation Partners

The Innovation Partners are legal entities which are involved in the objectives and activities of the Association, which are not selected according to the ENOLL labelling process, and that apply for Innovation Partner Membership and are admitted.

Thus, Innovation Partners are not Living Labs themselves but are dedicated to supporting and developing the Living Lab community. They are companies, universities, cities & departments, among others.

The Innovation Partners have the following rights:

- the right to attend the meetings of the General Assembly with the right to speak. For the avoidance
 of doubt, Innovation Partners will have no right to vote at the General Assembly,
- the right to propose a candidate for appointment as a Director,
- the right to participate in Action Oriented Task Forces, Working Groups, projects.

ENoLL Members map

155 Active Members

From 37 countries From 5 continents

24 Effective Members

From 13 European countries

2 Innovation Partners

From Europe and Asia

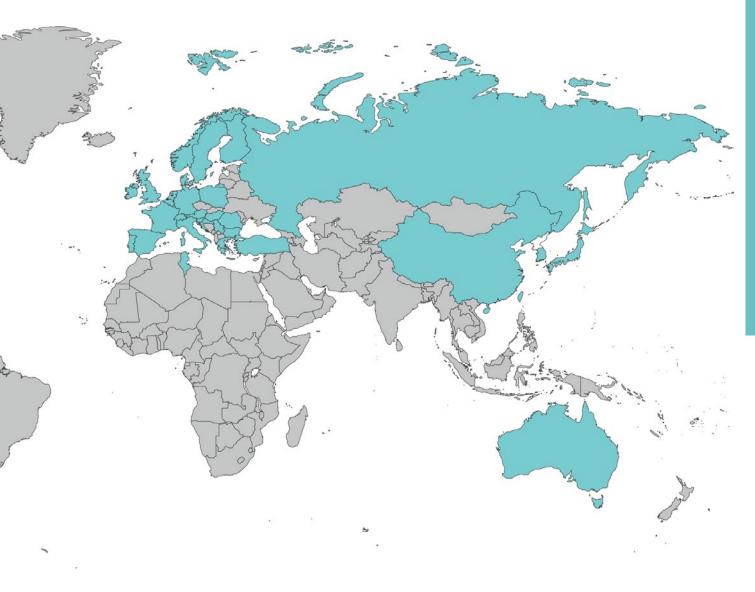
129 Adherent Members

From 33 countries



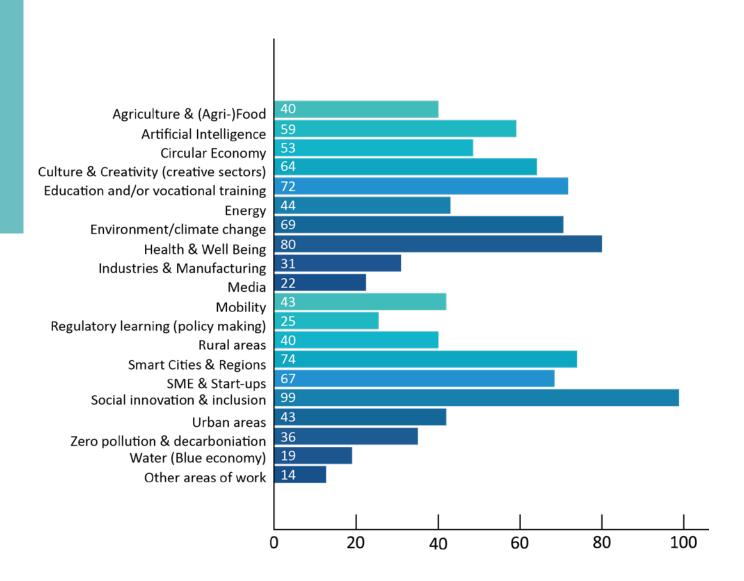
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Areas of work

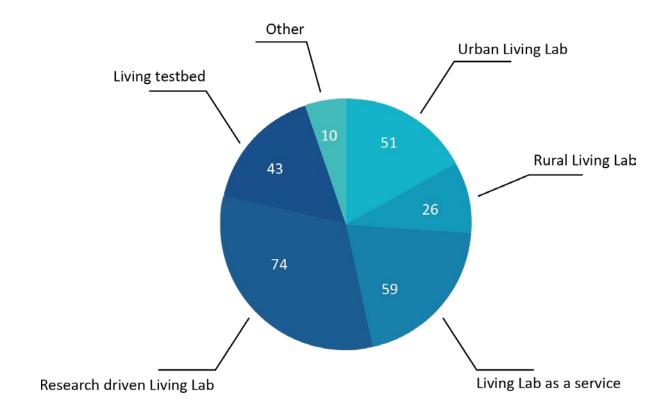
Living Labs can work in multiple areas. Most of the ENoLL members have a transversal approach that allows them to focus on more than two areas. This graph shows the different areas of work in which ENoLL members work and offer their services.



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



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 ANDORRA

ANDORRA LIVING LAB



Andorra Living Lab Vanersa Arroyo

Country: Andorra

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 Intellingence
- 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 & decarbonisation
- Water (Blue economy)

Main expertise



Business model innovation



Co-creation methods & tools



Governance models



Implementation after testing



Innovation strategies



Living Lab (projects)



Management

Panel Policy making



experimentation



Scaling-up



Service design



Stakeholder engagement





Living Labs in

AUSTRALIA

Global Centre for Modern Ageing

LifeLab

Global Centre for Modern Ageing

Country: Australia

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 Intellingence
- Culture & Creativity (creative sectors)
- Education and/or vocational training
- Environment/climate change
- 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



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: Autralia

www.swinburne.edu.au/ research/centres-groupsclinics/centre-for-designinnovation/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 evidencebased 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

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

Main expertise



Business model innovation



Co-creation methods & tools



Impact assessments

experimentation



Implementation after testing



Innovation strategies



Living Lab (projects) evaluation



Policy making Management



Real-life









Stakeholder engagement



research

intergene

Intergener8 Living Lab Young and Resilient Research Centre

Country: Autralia

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

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

Main expertise



Co-creation methods & tools



Governance models



Impact assessments



Implementation after testing



Innovation strategies



Living Lab (projects) evaluation



Policy making





engagement







Living Labs in AUSTRIA

prolida

Prolida - Professional Living, Innovation and Development Lab for an Ageing Society Carinthia University of

Country: Austria www.prolida.at

Applied Sciences

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

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

Main expertise



Business model innovation



Co-creation methods & tools



Impact assessments



Implementation after testing



Innovation strategies



Living Lab (projects) evaluation



Policy making



Scaling-up







User & Living Lab research



StadtLABOR

StadtLABOR Innovationen für urbane Lebensqualität **GmbH**

Country: Austria

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
- Environment/climate change
- Mobility
- **Smart Cities & Regions**
- Social innovation & inclusion
- Urban areas

Main expertise



Co-creation methods & tools



Governance models



assessments



Implementation after testing



Innovation strategies



Living lab (projects) evaluation



experimentation



Service design



engagement





User & living lab research



Living Labs in





Agrotopia Inagro

Country: Belgium

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 CO2), 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 cocreate, 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

experimentation



Governance models



Impact assessments



Implementation after testing



Innovation strategies





Management



Scaling-up







Stakeholder engagement





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 usercentred 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

- Artificial Intellingence
- Environment/climate change
- Health & Well Being
- Mobility
- SME & Start-ups
- Social innovation & inclusion



Business model innovation



Co-creation methods & tools



Panel Management



Real-life experimentation



Stakeholder engagement



User & Living Lab

mec

imec.livinglabs

Country: Belgium

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

- Artificial Intellingence
- 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)
- Smart Cities & Regions
- SME & Start-ups
- Social innovation & inclusion
- Urban areas
- Zero pollution & decarbonisation
- Water (Blue economy)



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 - Living & Care Lab

Country: Belgium

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



Business model innovation



Co-creation methods & tools



Governance models



Impact assessments



Implementation after testing



Innovation strategies



evaluation













User & Living Lab research



Ghent Living Lab City of Ghent

Country: Belgium

www.stad.gent/en

Type of LL

Urban Living Lab; Research drivenLiving 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 Intellingence
- Circular Economy
- Culture & Creativity (creative sectors)
- Education and/or vocational training
- Environment/climate change
- Health & Well Being
- Industries & Manufacturing
- Mobility
- Smart Cities & Regions
- SME & Start-ups
- Social innovation & inclusion
- Urban areas
- Zero pollution & decarbonisation



Business model innovation



Co-creation methods & tools



Governance models



assessments



Living Lab (projects)
evaluation



Policy making



Real-life experimentation



Service design



Stakeholder engagement



User & Living Lab research

SENSO 2 ME

JF OCEANS SENSO2ME NV

Country: Belgium

www.senso2.me

Type of LL

Research driven Living Lab.

Senso2Me is a company based in Antwerp that produces technology and sells solutions to support the care of vulnerable persons in professional and residential environments. Senso2Me designs its own hardware, firmware, and cloud software to address market needs. Thanks to its innovative team, Senso2Me is able to follow and introduce novel technological and business opportunities to the market.

Areas of work

- Environment/climate change
- Health & Well Being

Main expertise



Business model innovation



Co-creation methods & tools



Governance models



Impact assessments



Implementation after testing



Innovation strategies



Scaling-up







research



Living Lab Animal Husbandry (LLAH)

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

Country: Belgium

www.ilvo.vlaanderen.be www.varkensloket.be www.rundveeloket.be 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 & decarbonisation
- Water (Blue economy)



Co-creation methods & tools



Governance models



Impact assessments



Implementation after testing



Innovation strategies



Policy making



experimentation



Stakeholder engagement





Living Lab Circulair Inagro vzw

Country: Belgium

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 digestor, 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 & decarbonisation
- Water (Blue economy)



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

Type of LL

Urban Living Lab.

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



Business model innovation



Co-creation methods & tools



Impact assessments



Implementation after testing



Innovation strategies



Panel Management



Service design



Stakeholder engagement





Living Lab Agrifood Technology (LLAT)

Country: Belgium

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 agrifood.

Areas of work

- Agriculture & (Agri-)Food
- Artificial Intellingence
- · Environment/climate change
- SME & Start-ups
- Zero pollution & decarbonisation



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

Type of LL

Living Lab as a service.

Promoting innovative solutions in health and care through active cocreation throughout the entire development process: users' feedback shapes the product/service. End users will be engaged in all stages of the development process, rather than exclusively in the final phase before market launch.

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



Panei Management



Real-life

experimentation

Scaling-up





Stakeholder engagement



User & Living Lab research



Living Labs in





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

Country: Bosnia & Herzegovina

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 quadruplehelix. 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 longterm 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

https://www.sofia-da.eu/en/

Type of LL

Research driven Living Lab; Living Lab as a service; Urban Living Lab; Living testbed. SofiaLab organizes its events and also hosts events (training, conferences, seminars, debates, public lectures, etc.) for external organizations that promote the improvement of entrepreneurial and digital skills among young people. Its aim is to develop an innovative ecosystem in Sofia and the region, fostering the digital transition and new technologies in the creative and recreational industries.

Areas of work

- Circular Economy
- Culture & Creativity (creative sectors)
- Education and/or vocational training
- Environment/climate change
- Regulatory learning (policy making)
- Smart Cities & Regions
- Social innovation & inclusion
- Urban areas
- Zero pollution & decarbonisation



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 CANADA



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

Country: Canada 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 Intellingence
- Circular Economy
- Culture & Creativity (creative sectors)
- Education and/or vocational training
- Energy
- Environment/climate change
- Health & Well Being
- Industries & Manufacturing
- Regulatory learning (policy making)
- Rural areas
- Smart Cities & Regions
- SME & Start-ups
- Social innovation & inclusion
- Urban areas



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

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 its 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 The Rehabilitation Living Lab in the mall (RehabMall) project is the first interdisciplinary and multi-sectorial research study aiming to explore the principal obstacles and facilitators, whether physical or psychosocial, to social participation and inclusion for persons with disabilities in a commercial mall environment. The project is conducted by the Centre for Interdisciplinary Research in Rehabilitation of Greater Montreal (CRIR) and is in the process of transforming an urban shopping mall, Alexis Nihon, in downtown Montreal, into an inclusive environment for individuals of all ages, particularly for those with disabilities.

Persons with disabilities face daily challenges that often hinder their social participation or the complete fulfilment of life habits. These habits include daily activities such as feeding oneself and communicating with others, as well as fulfilling social roles like running errands or meeting friends for coffee. The urban shopping mall provides an ecologically valid example of a societal microcosm where complex transactions and activities involving persons with and without disabilities take place year-round.

RehabMaLL brings together researchers from local and international universities working in about 15 different disciplines, including engineering and robotics, psycholinguistics, occupational therapy, psychology, and design. RehabMaLL also includes clinicians working in rehabilitation centers, members of community organizations dedicated to people with disabilities or the elderly, industry representatives, and our main partner, the shopping mall. It is this unique commitment and synergy among the different stakeholders in public and private settings that drive the Living Lab.

RehabMall's vision is to create an inclusive and enabling environment aimed at optimizing social participation and inclusion for all individuals. This vision is grounded in leading-edge research and serves as a blueprint for the creation of similar enabling environments worldwide.



Living Labs in CHINA



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

Country: China

Type of LL

Urban Living Lab.

The Living Lab in Gerontechnology for Age-Friendly Home (Age-Friendly Home Living Lab) of the Hong Kong Housing Society (HKHS) advocates the age-friendly home concept with the application of user-driven and experience-based innovations for better living for older persons. As a "housing laboratory," the HKHS has pioneered various housing solutions and set up the Elderly Resources Centre (ERC) in anticipation of the increasing aging 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 ERC visitors per year, the establishment of the Age-Friendly Home Living Lab plays a significant role in materializing the co-creation process in collaboration with an extensive network of stakeholders, end-users, and developers. It sheds light on transferring the age-friendly concept into practical solutions, with a vision of honoring older persons' wish to age-in-place and minimizing institutionalization.

Areas of work

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



Co-creation methods & tools



Governance models



Panel Management



Real-life experimentation



Service design



User & Living La

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 eco-system consisting of enterprises, entrepreneurs, universities, research institutes, associations and other NGOs.



Living Labs in CROATIA



Pismo Hub

Sisak Moslavina County
Development Agency for
encouragingeconomic
development, consulting
and representation (SI-MORAltd)

Country: Croatia

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.

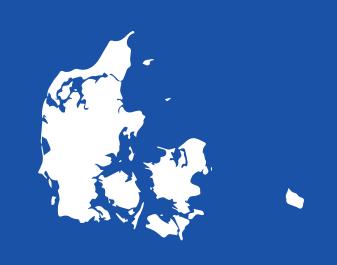


Rijeka iLivingLab University of Rijeka

Country: Croatia

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





ENERGY & WATER Greater Copehagen Living Lab City of Copenhagen

Country: Denmark

www.energiogvand.dk

Type of LL

Urban Living Lab; Living testbed.

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

- Energy
- Urban areas
- Zero pollution & decarbonisation
- Water (Blue economy)



Co-creation methods & tools



Governance models



Implementation after testing



Innovation strategies



Living Lab (projects)
evaluation



Real-life experimentation



Service design





FINLAND

FORUM VIRIUM **HELSINKI**

Forum Virium Helsinki (FVH) Forum Virium Helsinki

Country: Finland

www.forumvirium.fi

Type of LL

Urban Living Lab.

Forum Virium Helsinki, the city of Helsinki innovation company, cocreates 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, cocreation of smart & green solutions and active resident engagement in the suburban districts.

Areas of work

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



Business model innovation



Co-creation methods & tools



Governance models



Impact assessments



Implementation after testing



Innovation strategies



Living Lab (projects) evaluation



Panel Policy making Management



Real-life experimentation



Scaling-up



Service design



Stakeholder engagement



User & Living Lab research

Tampere University of Applied Sciences

TAMK Living Lab Tampere University of Applied Sciences

Country: Finland

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

- Agriculture & (Agri-)Food
- Artificial Intellingence
- 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 & decarbonisation
- Water (Blue economy)

Main expertise



Business model innovation



Co-creation methods & tools



Impact assessments



Implementation after testing



Innovation strategies



Living Lab (projects) evaluation



Management





experimentation







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
- Rural areas
- Smart Cities & Regions
- SME & Start-ups
- Social innovation & inclusion



Business model innovation



Co-creation methods & tools



Innovation strategies



Living Lab (projects) evaluation



Policy making



Real-life experimentation





Stakeholder engagement





CODER Living Lab LUT University

Country: Finland

Type of LL

Research driven Living Lab.

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



Co-creation methods & tools



Governance models



Implementation after testing



Innovation strategies



Policy making



Real-life experimentation



Scaling-up







Finnish Network of Living Labs

Country: Finland

Host Organisations:

- South-Eastern Finland University of Applied Sciences XAMK
- Haaga-Helia University of Applied Sciences
- Savonia University of Applied Sciences
- Centria University of Applied Sciences
- Arcada University of Applied Sciences
- Häme University of Applied Sciences

The Finnish Network of Living Labs is a co-orchestrated platform consisting 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 3,000 staff.

Areas of work

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

Type of LL

Network of Living Lab operators.



Business model innovation



Co-creation methods & tools



Governance models



Impact assessments



Implementation after testing



Innovation strategies





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

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



Business model innovation



Co-creation methods & tools



Innovation strategies



Real-life experimentation



Service design



Stakeholder engagement



User & Living Lab



Lorraine Smart Cities Living Lab

Université de Lorraine -Laboratoire ERPI

Country: France

www.lf2l.fr/projects/lorrainesmart-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 multidisciplinarity, 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 LSCLLL 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/climate change
- Health & Well Being
- Industries & Manufacturing
- Mobility
- Rural areas
- Smart Cities & Regions
- SME & Start-ups
- Social innovation & inclusion
- Urban areas
- Zero pollution & decarbonisation



Business model innovation



Co-creation methods & tools



Governance models



Impact assessments



Implementation after testing



Innovation strategies



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

Type of LL

Research driven Living Lab, Living Lab as a service, Living testbed. Following the Sophia Antipolis (French Riviera) "Laboratoire des Usages," which was a "Scientific Interest Grouping" (2000-2006) between four academic partners (CNRS, GET, Inria, UNSA) and industrial partners (Orange Labs, Aérospatiale, etc.), the living lab "ICT Usage Lab" was accredited by ENOLL during its first wave. It thus became the first ENOLL Living Lab in France. In 2008, following the arrival of a new member, the CSTB (Centre Scientifique et Technique du Bâtiment), it was slightly restructured. Bringing together territories, SMEs, user communities, and research teams dedicated to ICT, ICT usage, and usage-driven innovation, ICT Usage Lab develops a Living Lab approach to co-design new products and services not only for users but with and by users.

Areas of work

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

Main expertise



Business model innovation



Co-creation methods & tools

experimentation



Governance models



Impact assessments



Implementation after testing



Innovation strategies



evaluation



nel Real-lif







Stakeholder engagement



User & Living Lab research



Brie'Nov
Brie'Nov

Country: France

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) 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
- Environment/climate change
- Mobility
- Rural areas
- Social innovation & inclusion

Main expertise



Business model innovation



Co-creation methods & tools



Governance models



Implementation after testing



Innovation strategies



Living Lab (projects) evaluation



projects) Policy making







engagement







Earth observation Living Labs

E2L Earth observation Living Labs

E2L Earth observation Living Labs

Country: France

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
- Rural areas
- Smart Cities & Regions
- Social innovation & inclusion
- Water (Blue economy)

Main expertise



Business model innovation



Co-creation methods & tools



Governance models



Impact assessments



Innovation strategies



Living Lab (projects) evaluation



Panel Management







engagement



research



Gérontopôle Nouvelle-Aquitaine Gérontopôle Nouvelle-Aquitaine

Country: France

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



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



Co-creation methods & tools



Impact assessments



Implementation after testing



Innovation strategies



Living Lab (projects) evaluation



Policy making



keai-iife experimentation





La Fabrique du Futur La Fabrique du Futur

Country: France

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



Business model innovation



Co-creation methods & tools



Governance models



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 City Living Lab

Country: France

www.dedale.info/_objets/ medias/autres/rosalab-tracta5-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 Dedale to initiate Domaine Public, a research and experimentation programme on public space.

Areas of work

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



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

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 Intellingence
- Circular Economy
- Culture & Creativity (creative sectors)
- Cybersecurity
- Education and/or vocational training
- Energy, Environment/climate change
- Health & Well Being
- Industries & Manufacturing
- Media
- Mobility
- Rural areas
- **Smart Cities & Regions**
- SME & Start-ups
- Turism
- Urban areas



Business model innovation



Co-creation methods & tools



Governance models



Impact assessments



Implementation after testing



Innovation strategies



evaluation





Service design Scaling-up



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

Type of LL

Living testbed; Living Lab as a service; Research driven Living Lab. MedTechLab® is an interdisciplinary meeting space to think, to cocreate, 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

- Artificial Intellingence
- Health & Well Being
- SME & Start-ups

Main expertise



Business model innovation



Co-creation methods & tools



Governance models



Impact assessments



Implementation after testing



Innovation strategies



evaluation



Management



experimentation



Scaling-up





Stakeholder engagement



User & Living Lab research

Cité du design



Design Creative City Living Lab Cité du design

Country: France

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.



Nantes City Lab Nantes Metropole

Country: France

https://metropole.nantes.fr/

Type of LL

Urban Living Lab.

Through the Nantes City Lab, Nantes Métropole provides a range of experimental sites, equipment, data, and engineering services to test innovative solutions in situ, in vivo, at scale 1.

Nantes City Lab is a system dedicated to full-scale experimentation of innovative solutions by start-ups, SMEs, large groups, researchers, universities, and associations. It brings together concrete means to innovate in the Nantes metropolitan area, including:

- An urban laboratory: places and equipment to test innovative solutions related to social, ecological, and economic transitions.
- A service to facilitate innovation through experimentation: a single point of contact, labelling, research for places to experiment, links with Nantes Métropole technical departments, search for partnerships, definition of citizen interactions adapted to the projects, monitoring of experimentation, evaluation, and promotion.

Areas of work

- Culture & Creativity (creative sectors)
- Circular Economy
- Energy
- Environment/climate change
- Health & Well Being
- Mobility
- Smart Cities & Regions
- Social innovation & inclusion
- Urban areas
- Zero pollution & decarbonisation



Co-creation methods & tools



Implementation after testing



Living Lab (projects) evaluation



Policy making



Real-life experimentation



Scaling-up



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.



UDD - Universite du Domicile IPERIA l'Institut

Country: France

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.



Living Labs in

GERMANY



PRAXLABS

University of Siegen, Institute of Information Systems and New Media

Country: Germany www.praxlabs.de/en

Type of LL

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

Areas of work

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



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 Fraunhofer IOSB-INA

Country: Germany 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 sgm 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 Intellingence
- Circular Economy
- Energy
- Industries & Manufacturing
- SME & Start-ups



Business model innovation



Co-creation methods & tools



assessments



Implementation after testing



Innovation strategies



Living Lab (projects)
evaluation



Real-life experimentation







K8

K8 Institut fuer strategische Aesthetik gGmbH K8

Country: Germany

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



Business model innovation



Co-creation methods & tools



Governance models



Innovation strategies



Living Lab (projects) evaluation



Real-life experimentation



Scaling-up





Stakeholder engagement







Living Labs Incubator RWTH Aachen University

Country: Germany

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 the work of Living Labs at and around RWTH Aachen University, the largest technical university in Germany. The main goals of the LLI are to form a network of Living Labs, to develop adequate Living Lab research and evaluation methods and standards, and supporting Living Lab practice in our own Living Lab Training Center.

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 the 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 research in and through Living Labs based at a technical university. The LLI is funded as part of the Excellence Strategy by the German state and federal governments, which aims to promote cutting-edge inter- and transdisciplinary research.

Areas of work

- Culture & Creativity (creative sectors)
- 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 & decarbonisation
- Water (Blue economy)



methods & tools



Living Lab (projects)



Service design



Stakeholder engagement



User & Living Lab



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

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 predefined 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
- SME & Start-ups
- Social innovation & inclusion
- Urban areas
- Zero pollution & decarbonisation



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

Type of LL

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

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



Business model innovation



Co-creation methods & tools



Impact assessments



Implementation after testing



Innovation strategies



Living Lab (projects) evaluation







experimentation



Service design Scaling-up



Stakeholder engagement



User & Living Lab research



SMART Living Lab University of Western Macedonia

Country: Greece

https://smart.ece.uowm.gr

Type of LL

Research driven Living Lab.

SMART is a Living Lab (LL) designed to act as a user-centric open innovation ecosystem, attached to the value potential of new markets. The facilities of the University of Western Macedonia and distributed residential prosumers within the district of Central and Western Macedonia in Greece compose the real testing environment. The aim of SMART LL is to rebalance public action by considering the generality of citizens' concerns through the active participation of users. The different climate conditions (high altitude, seaside) and geographical particularities (lignite power stations, high RES penetration) of the established users allow a wide range of real-life testing, including actors with little economic weight.

SMART LL is based on the pillars of research, education, and industrial testing.

SMART LL can serve as a place for testing new commercial measurement devices, PV panels, energy storage systems (e.g., batteries), energy management systems, different communication protocols, and technologies related to power electronics converters. The existing infrastructure is expandable and adaptable, allowing different structures to be tested and maximizing its impact on the testing facilities.

Areas of work

- Education and/or vocational training
- Energy
- SME & Start-ups



Business model innovation



Co-creation methods & tools



Governance models



Impact assessments



Implementation after testing



Innovation strategies









Stakeholder engagement



User & Living Lab



Internet of Food Alliance (InoFA) INTERNET OF FOOD ALLIANCE SUPPORT OFFICE IKE

Country: Greece https://inofa.gr/

Type of LL

Living Lab as a service; Living testbed. Founded in 2022, InoFA operates on the premise that Digital Technology will dominate the European agrifood value chain. A vertically integrated cluster, funded by the Greek General Secretariat for Research and Innovation, has been formed around an IoT connectivity framework encompassing LoRa telecommunications, cloud services, and remote agronomic consultancy.

This cluster comprises farmers, packers, retailers, service providers, technology firms, RTOs, and civil society groups. Geographically spanning Greece, it covers plant and animal production as well as services.

Aligned with the EU's Green Deal policy and member entities' practical needs, InoFA designs eco-conscious projects, supplying tools like biostimulants and compostable ground covers. Simultaneously, digital traceability uplifts farmers' visibility, aiding successful transitions.

Areas of work

- Education and/or vocational training
- Energy
- Health & Well Being
- Media
- Rural areas
- Social innovation & inclusion
- Urban areas



Living Labs in

HUNGARY



Well-being Living Lab Nagykovacsi **TREBAG Intellectual** property- and Project **Manager Ltd**

Country: Hungary

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 Nagykovacsi 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/climate change
- Health & Well Being
- **Industries & Manufacturing**
- Rural areas
- SME & Start-ups
- Social innovation & inclusion



Business model innovation



methods & tools



assessments



Implementation after testing



Innovation strategies



Living Lab (projects) evaluation



Service design



research



ÖMKi On-farm **Living Lab**

Hungarian Research Institute of Organic Agriculture

Country: Hungary

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 Onfarm 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 cocreation 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



Co-creation methods & tools



Implementation after testing



Innovation strategies



Living Lab (projects) evaluation



Policy making



experimentation



Scaling-up





Stakeholder engagement





Discovery Agricultural On-farm and Research Living Lab

Hungarian Research Institute Discovery Center nonprofit Ltd

Country: Hungary

https://discoverycenter.eu/

Type of LL

Rural Living Lav, Research driven Living Lab. Discovery LL has been an operational living lab since 2019, with an established network of stakeholders, including a group of active end users. Our activities and connections are well-established nationwide; we are financially independent and have access to manage thousands of hectares for our real-life experiments across Hungary, which have had significant impacts in the past 3 years since operations began. Host-staff members are qualified and experienced in their respective fields and are motivated to keep our stakeholders actively involved in the process of unravelling possible improvements for more resilient agricultural practices as extreme conditions increase.

The main goal of our living lab is to become a leading research network and location for sustainable soil management and precision agriculture, covering the main environmental conditions of the Carpathian basin. The LL aims to engage users from different stakeholder groups through its inclusive operation to gather research ideas and maintain credibility through well-defined and documented methods and activities.

Areas of work

- Agriculture & (Agri-)Food
- Environment/climate change
- Rural areas

Main expertise



Business model innovation



Co-creation methods & tools



Impact assessments



Implementation after testing



Innovation strategies



Living Lab (projects) evaluation



Panel Management





Scaling-up



engagement



User & Living Lab research



Living Labs in IRELAND



Citizen Innovation Lab

Limerick City and County Council and University of Limerick

Country: Ireland

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-today 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 colocated 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

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



Co-creation methods & tools



Innovation



Panel Management



Policy making



Real-life experimentation



Stakeholder engagement



NetwellCASALA

Dundalk Institute of Technology

Country: Ireland

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 citizencentred, 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

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

Main expertise



Co-creation methods & tools



Impact assessments



Implementation after testing



Panel Management



Real-life experimentation



Stakeholder engagement



research



Atlantic Innovation Region

Western Development Commission

Country: Ireland

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



Business model innovation



Co-creation methods & tools



Governance models



Innovation strategies



evaluation



Living Lab (projects) Policy making



experimentation



Stakeholder engagement





Dingle Peninsula Dingle Hub

Country: Ireland

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





Stakeholder engagement



research



Living Labs in ITALY



Torino City Lab City of Turin

Country: Italy

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

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



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





Green Schools Living Lab

Provincia di Treviso

Country: Italy

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). 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/climate change



Co-creation methods & tools



Living Lab (projects) evaluation



Panel Management



Real-life experimentation



Stakeholder engagement



Seed Living Lab

Country: Italy

www.consorzioarca.it

Type of LL

Living Lab as a service; Entrepreneurial Living Lab. Seed Living Lab, 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
- SME & Start-ups
- Social innovation & inclusion
- Urban areas



Business model innovation



Co-creation methods & tools



Innovation strategies



Living Lab (projects) evaluation



Policy making



Real-life experimentation



Scaling-up







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



Co-creation methods & tools



Governance models



Impact assessments



Implementation after testing



strategies



experimentation



Scaling-up











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 Licciana Nardi.

Areas of work

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



Business model innovation



Co-creation methods & tools



Governance models



Impact assessments



Implementation after testing



Innovation strategies



Living Lab (project 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

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

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



Business model innovation



Co-creation methods & tools



Impact assessments



Implementation after testing



Innovation strategies



Scaling-up



Service design





City of the future Living Lab San Raffaele Hospital

Country: Italy

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 Intellingence
- 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



research



Santa Chiara Lab University of Siena

Country: Italy

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

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



Business model innovation



Co-creation methods & tools



Governance models



Impact assessments



Innovation strategies



Living Lab (projects)
evaluation



Management





Real-life experimentation







User & Living Lab research



Mediterranean Innovation Rural Living Lab (MEDIL) CIHEAM Bari

Country: Italy

www.iamb.it

Type of LL

Living testbed.

The Mediterranean Innovation Rural Living Lab aims to become a catalyst for innovation ecosystems promoting the sustainable development of rural and coastal areas in Apulia and the Mediterranean region. The lab's objectives include:

- Spreading the culture of Open-Innovation through the development of training courses, research, knowledge transfer, and international cooperation in the Mediterranean Area.
- Creating a multi-actor network that applies a systematic approach of co-creation, integrating research and innovation processes in communities and real-life environments.
- Generating innovation by supporting youth entrepreneurship and facilitating the co-design and acceleration of solutions for businesses, rural, and coastal communities.

Areas of work

- Agriculture & (Agri-)Food
- SME & Start-ups
- Social innovation & inclusion







Co-creation methods & tools



Governance models



Innovation strategies



Policy making



Stakeholder engagement



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

Type of LL

Living testbed.

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, highcompetent 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.

Areas of work

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



Puglia Smart Lab DHITECH (Distretto High Tech)

Country: Italy

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) startup 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

TIE Living Lab is hosted by DHITECH and stems from the research project VINCENTE (Virtual collective INtelligenCe ENvironment to develop sustainable Technology Entrepreneurship ecosystem), cofunded 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 JAPAN

NIKKEN

EXPERIENCE, INTEGRATED

Nikken Sekkei Research Institute Nikken Sekkei Research

Country: Japan

Institute

https://www.nikken-ri.com/

Nikken Sekkei Research Institute is ENoLL's Innovation Partner whose work focuses on:

- 1. Innovative approaches and initiatives in fields such as smart cities, low-carbon, environment, climate, engineering, urban planning, architecture and design, transportation, and data management.
- 2. Development of the first Living Lab Hub in Japan with the aim of establishing the Japanese Living Lab Community and Society under the ENoLL Network.
- 3. Fostering international collaboration and innovation between the ENoLL Network and Japan.
- 4. Focusing on sustainable management methods, the possibilities of data utilization hubs, and, most importantly, creating synergies between smart cities, local government, related enterprises, and residents in Japan and abroad.
- 5. Spreading innovation and entrepreneurship based on smart cities with a strong focus on promoting citizens' awareness of new technological improvements through social activities, events, etc.

Areas of work

- Energy
- Environment/ climate change
- Health & Well Being
- Mobility
- Smart Cities & Regions
- Social innovation & inclusion
- Urban areas
- Zero pollution & decarbonization



Business model innovation



Co-creation methods & tools



Governance models



Impact assessments



Implementation after testing



Innovation strategies





Panel Management



Service design



Stakeholder engagement



User & Living Lab research



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

The main goal of ADP – Zid's Living Lab is to improve the capacity of sustainable innovation in the area of Podgorica and the whole country of Montenegro by setting up a virtual hub with shared experimental facilities for creative and cultural start-ups and SMEs to apply technological and creative solutions to a number of societally relevant and transformative challenges. Key focus areas of the ADP – Zid's Living Lab include the circular economy and waste management, design-enabled innovation spaces for creative and cultural start-ups and SMEs, the development and testing of technological and creative solutions, and the pilot deployment of upcycled and recycled products and solutions.

Areas of work

- Artificial Intellingence
- Circular Economy
- Culture & Creativity (creative sectors)
- Education and/or vocational training
- Environment/climate change
- Industries & Manufacturing
- Regulatory learning (policy making)
- Rural areas
- SME & Start-ups
- Social innovation & inclusion
- Urban areas
- Zero pollution & decarbonisation



Co-creation methods & tools



Implementation after testing



Policy making



Service design



Stakeholder engagement



User & Living Lab research



Living Labs in





WaterCampus Leeuwarden Municipality of Leeuwarden

Country: Netherlands 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

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



Business model innovation



Co-creation methods & tools



Impact assessments



Implementation after testing



strategies



Living Lab (projects) evaluation



Panei Management



Real-life experimentation



Scaling-up



Service design



Stakeholder engagement



User & Living Lab research



Blauwe Hotspot Dordrecht (Blue Hub) Yuverta

Country: Netherlands

www.blauwehotspotdordrecht.nl

Type of LL

Research driven Living Lab; Rural Living Lab; Living testbed; Urban Living Lab. At the core of De Blauwe Hotspot's vision is the firm belief that collaboration among education, business, governments, and citizens can yield remarkable outcomes. This collaboration not only generates awareness but also forges multifaceted partnerships that empower the next generation of professionals with the essential green skills and practical research acumen in water and soil. De Blauwe Hotspot, originating from Europe's largest green educator, Yuverta, is a thriving hub uniting students and experts in water, soil, and climate adaptation. Based at a VET school in Dordrecht, Netherlands, their living lab thrives in an urban setting, enveloped by freshwater, wetlands, and agriculture on diverse soils. With an aim to cultivate a vibrant community, their network comprises a practical research head, both VET and practical research teachers in water, and an expanding nexus of public and private entities, including municipalities, waterboards, and forward-thinking climate adaptation entrepreneurs. Their living lab experiments, while diverse, share a common commitment to inclusivity, curiosity, and the promise of a blue-green future.

Areas of work

- Agriculture & (Agri-)Food
- Circular Economy
- Education and/or vocational training
- Rural areas
- Smart Cities & Regions
- Soil
- Urban areas
- Water (Blue economy)







Eindhoven Living Lab City of Eindhoven

Country: Netherlands

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

Main expertise



Co-creation methods & tools



Implementation after testing



Innovation strategies



Policy making



Real-life experimentation



Scaling-up





Stakeholder engagement



research



Care Innovation Center West-Brabant

Care Innovation Center West-Brabant

Country: Netherlands

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.

Urban Management - Fieldlabs

The Amsterdam University of Applied Sciences

Country: Netherlands

www.hva.nl/urbanmanagement/fieldlabs/fieldlabsurban-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 mulit-diciplinary urban challnges. A multi-diciplinary research team that is constituted based on the nature of the issue at hand is involved to ensure well informed decisions are make.



Living Labs in NORWAY

o NTNU

Wireless Trondheim Living Lab

NTNU - Norwegian University of Science and Technology

Country: Norway

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
- Mobility
- Urban areas



Co-creation methods & tools



Governance models



assessments



Living Lab (projects) evaluation



Real-life experimentation



Scaling-up







Stakeholder engagement





Living Labs in





PSNC Future Labs PSNC

Country: Poland

www.futurelabs.psnc.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 Intellingence
- Culture & Creativity (creative sectors)
- Education and/or vocational training
- Environment/climate change
- 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



Management





Scaling-up









research



Krakow Living Lab Krakow Technology Park

Country: Poland

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 Intellingence
- Circular Economy
- Culture & Creativity (creative sectors)
- Environment/climate change
- Industries & Manufacturing
- Mobility
- Smart Cities & Regions
- SME & Start-ups
- Social innovation & inclusion
- Zero pollution & decarbonisation



Business model innovation



Co-creation methods & tools



Governance models



Impact assessments



Implementation after testing



Innovation strategies



evaluation



Panel Management



Policy making



Real-life experimentation



Scaling-up



Service design



Stakeholder engagement



Living Labs in





Smart Rural Living Lab

Municipality of Penela

Country: Portugal

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

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



Business model innovation



Implementation after testing



Innovation strategies



Living Lab (projects) evaluation



Real-life experimentation



Scaling-up



Stakeholder engagement



User & Living Lab research



GreenLab@Lisbon Instituto Superior de Agronomia – Ulisboa

Country: Portugal

https://www.isa.ulisboa.pt/

Type of LL

Rural Living Lab.

The Instituto Superior de Agronomia (ISA) is a leading academic institution in the areas of agriculture, food, animal production, forestry, environment, biology, and landscape architecture. It is part of the University of Lisbon, which is the largest and highest-ranked university in Portugal. ISA is situated in the heart of Lisbon, in an expansive academic campus known spanning an impressive 100 hectares in the heart of the Portuguese capital which was created in 1910.

GreenLab@Lisbon is an integral part of ISA and promotes collaborative projects bringing together researchers, students, private companies, the public sector and society at large. The GreenLab@Lisbon functions as an innovation hub driving progress in smart and sustainable practices. The initiative cultivates a culture of proactive learning and embodies a vision that prioritizes open education, research, and knowledge dissemination, leveraging scientific expertise for innovative endeavors with a focus on achieving a sustainable future. In this capacity, GreenLab@Lisbon becomes a valuable asset for the global innovation community, facilitating user-driven innovation and propelling progress toward a brighter future.

Notably, the Tapada da Ajuda campus also accommodates spin-off companies and private enterprises, provided they align with ISA's overarching mission.

Areas of work

- Agriculture & (Agri-)Food
- Education
- Environment
- Rural & Urban activities
- SME & Startups
- Research



Living Labs in

REPUBLIC OF KOREA



2022 SMARTCITY Living Lab

Busan Center for Creative Economy & Innovation

(부산창조경제혁신센터)

Country: Republic of

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

Type of LL

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



Business model innovation



Co-creation methods & tools



Governance models



Implementation after testing



Innovation strategies



Living Lab (projects) evaluation



Management











Daegu Creative Living Lab

Daegu Technopark (Digital Transformation Agency)

Country: Republic of Korea

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

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







Smart Safety Living Lab

Korea Institute of Industrial Technology (KITECH)

Country: Republic of Korea www.ssll.knicc.re.kr

Type of LL

Living Lab as a service; Living testbed. SSLL 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

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



Business model innovation



Governance models



Implementation after testing



Living Lab (projects) evaluation



Panel Management



Real-life experimentation



Scaling-up











Living Labs in





UVT Digital & Green Living Lab

West University of Timisoara

Country: Romania 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 Intellingence
- Circular Economy
- Culture & Creativity (creative sectors)
- Education and/or vocational training
- Energy
- Environment/climate change
- Health & Well Being
- Media
- Mobility
- Rural areas
- Smart Cities & Regions
- SME & Start-ups
- Social innovation & inclusion
- Urban areas
- Zero pollution & decarbonisation



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



Transilvania Living Lab

Asociatia Transilvania IT

Country: Romania 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 Intellingence
- Circular Economy
- Culture & Creativity (creative sectors)
- Digital
- Energy
- Environment/climate change
- Health & Well Being
- Industries & Manufacturing
- Smart Cities & Regions
- SME & Start-ups
- Social innovation & inclusion
- Zero pollution & decarbonisation



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





Living Lab Tomsk Network (LLTNET)

Tomsk State University of Architecture and Building

Country: Russia

www.livinglabtomsk.org

Type of LL

Urban Living Lab.

Living Lab Tomsk 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 Tomsk University (that includes 6 universities of Tomsk), innovative companies and local communities, regional and municipal administration, in collaboration with foreign partners.

Living Lab Tomsk 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/climate change
- Health & Well Being
- **Smart Cities & Regions**
- Social innovation & inclusion
- Urban areas



Business model innovation



Co-creation methods & tools



Governance models



Impact assessments



Implementation after testing



Innovation strategies





Management experimentation









User & Living Lab research



Living Labs in SERBIA



PA4ALL - Precision Agriculture for All BioSense Institute

Country: Serbia

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 multistakeholder 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 abovementioned, 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 decisionmaking processes.

Areas of work

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



Business model innovation



Co-creation methods & tools



Impact assessments



Implementation after testing



Living Lab (projects) evaluation



Panel Management



Policy making



Stakeholder engagement



User & Living Lab research

Bellag

BELgrade Urban Living LAB BELgrade Urban Living LAB

Country: Serbia 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 Terrifical, 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 bottomup initiatives, and provide a shared vision of better quality of life in Belgrade.



Living Labs in





Green Point Living Lab

ITC - Innovation Technology Cluster Murska Sobota

Country: Slovenia

https://itc-cluster.com/green-point/

Type of LL

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

The Green Point SFSC continuously implements innovative business models and technologies while actively contributing to increasing the proportion of local and safe food through awareness-raising campaigns. Moreover, the GREEN POINT provides innovation infrastructure to test technologies and demonstrate new value chains developed within the food supply, with a multi-actor-based approach, involving: policymakers, local governance, academia, business actors, food actors, consumers/consumer organizations, civil society, and NGOs.

Areas of work

- Agriculture & (Agri-)Food
- Artificial Intellingence
- Circular Economy
- Environment/climate change
- Rural areas
- Social innovation & inclusion



Business model innovation



Co-creation methods & tools



Impact assessments



Real-life experimentation



Scaling-up



Service design



Stakeholder engagement



E-zavod Living Lab

Country: Slovenia

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)
- Education and/or vocational training
- Energy
- Environment/climate change
- Rural areas
- Smart Cities & Regions
- SME & Start-ups
- Social innovation & inclusion



Business model innovation



Co-creation methods & tools



Governance models



Implementation after testing



Innovation strategies



Living Lab (projects) evaluation





Living Labs in SPAIN



NEUROLAB, ADACEN Living Lab

ADACEN, (Navarra Cerebral Damage Association)

Country: Spain

www.adacen.org

Type of LL

Living testbed; Research driven Living Lab; Living Lab as a service. Neurolab Adacen 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).

Areas of work

- Health & Well Being
- Social innovation & inclusion



Business model innovation



Co-creation methods & tools



Impact assessments



Implementation after testing



Innovation strategies



Living Lab (projects) evaluation



Real-life experimentation





Stakeholder engagement



User & Living Lab



Healthcare Living Lab Catalonia

Leitat

Country: Spain

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



Business model innovation



co-creation methods & tools



Innovation strategies



Living Lab (projects)
evaluation



Real-life experimentation



Service design



Stakeholder engagement





Library Living Lab Computer Vision Center

Country: Spain

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 Intellingence
- Culture & Creativity (creative sectors)
- Education and/or vocational training
- Health & Well Being
- Industries & Manufacturing
- Media
- Mobility
- Regulatory learning (policy making)
- Rural areas
- **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





experimentation

Scaling-up







Stakeholder engagement



User & Living Lab research



Neàpolis Neàpolis

Country: Spain

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

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



Business model innovation



Co-creation methods & tools



Governance models



assessments



Implementation after testing



Innovation strategies



Policy making







engagement





UJI.>LAB

Fundació General Universitat Jaume I - ESPAITEC Science and Technology Park

Country: Spain

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 cocreation spaces that serve as an engine for social and digital innovation within the university and its environment.

Areas of work

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

Main expertise



Business model innovation



Co-creation methods & tools



Governance models



Impact assessments



Implementation after testing



Innovation strategies



evaluation



Real-life

experimentation

Scaling-up





Stakeholder engagement



User & Living Lab research



SSI Living Lab Servicios Sociales Integrados, S. Coop.

Country: Spain

www.grupossi.es/ homecarelab-grupossiinnovacion/#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



Business model innovation



Co-creation methods & tools



Impact assessments



Innovation strategies



Panel Management



Policy making



Scaling-up



Colaboratoris Catalunya i2cat Foundation

Country: Spain

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

- Agriculture & (Agri-)Food
- 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
- Urban areas



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

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



Business model innovation



Co-creation methods & tools



Impact assessments



Implementation after testing



Innovation strategies



Panel Management



Real-life experimentation



Scaling-up



Service design Sta



Stakeholder engagement



User & Living Lab research

UPB Universitat Autònoma de Barcelona

UAB Smart Campus Living Lab

University Autonoma of Barcelona

Country: Spain

www.uab.cat/web/coneixels-labs/a-campus-open-toexperimentation-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

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



Business model innovation



Co-creation methods & tools



Governance models



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



Vuela Guadalinfo Consorcio Fernando de los Ríos

Country: Spain

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
- Regulatory learning (policy making)
- Rural areas
- SME & Start-ups
- Social innovation & inclusion



Co-creation methods & tools



Governance models



Impact assessments



Implementation after testing



Innovation strategies



Living Lab (projects) evaluation



Panel Management









Stakeholder engagement

OZEAN LIVING LAB **ESKILARA S KOOP TXIKIA**

Country: Spain

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 Bioshphere 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

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



Business model innovation



Co-creation methods & tools



Impact assessments



Implementation after testing



strategies



Living Lab (projects) evaluation



Policy making



Scaling-up









BIRD Living Lab

Country: Spain

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



Business model innovation



Co-creation methods & tools



Governance models



Impact assessments



Implementation after testing



Innovation strategies



Living Lab (project: evaluation



Panel Management



Policy making



Real-life experimentation



Scaling-up



Service design



Stakeholder engagement



IoT Smart Santander Living Lab

Universidad de Cantabria

Country: Spain

Type of LL

Urban Living Lab; Living Lab as a service; Research driven Living Lab. 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 Intellingence
- Circular Economy
- Education and/or vocational training
- Mobility
- Rural areas
- Smart Cities & Regions
- Social innovation & inclusion



Business model innovation



Co-creation methods & tools



Governance models



Impact assessments



Implementation after testing



Innovation strategies



evaluation











Stakeholder engagement



User & Living Lab research

VNIVERSITAT Food&HealthLab B VALÈNCIA

Food & Health Living Lab

University of Valencia

Country: Spain

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



Business model innovation



Co-creation methods & tools



Governance models



Impact assessments



Implementation after testing



Innovation strategies



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

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



Business model innovation



Co-creation methods & tools



Governance models



Impact assessments



Implementation after testing



Innovation strategies





Panel Management



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

Type of LL

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

Areas of work

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



Business model innovation



Co-creation methods & tools



Impact assessments



Implementation after testing



Innovation strategies



Living Lab (projects) evaluation



Panel Management







Stakeholder engagement



User & Living Lab research



MINDLab INTRAS Foundation

Country: Spain

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

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



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 CENFIM FURNISHINGS CLUSTER

Country: Spain

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



Business model innovation



Co-creation methods & tools



assessments



Implementation after testing



Innovation strategies



Living Lab (projects) evaluation



Management





Scaling-up







Stakeholder engagement





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

Country: Spain

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



Business model innovation



Co-creation methods & tools



Governance models



Innovation strategies



Living Lab (projects) evaluation



Policy making



Real-life experimentation



Stakeholder engagement



citilab |Cornellà

Fundació pel Foment de la Societat del Coneixement

Country: Spain www.citilab.eu

Type of LL

Urban Living Lab; Living Lab as a service. Citilab is a dynamic hub for social and digital innovation. This citizen laboratory serves as a catalyst for creative thinking, design, and innovation driven by the digital culture's impact. As a versatile establishment, Citilab seamlessly integrates the roles of a training center, research hub, and incubator for both business and social ventures. The foundation of Citilab's methodologies lies in Living Lab, design thinking, computational thinking, and user-centric co-creation, all hinging on the belief that the Internet can foster more collaborative and citizen-centred innovation. With a clear vision to promote a cohesive and inclusive knowledge society, Citilab champions social and technological innovation. This dedication to value creation, knowledge enhancement, and networking opportunities defines its mission. By bridging art, science, society, and ICT, Citilab aims to foster the knowledge society while nurturing digital culture through democratic access to information and technology. It seeks to empower citizens to address intricate societal issues through technology, fostering an equitable and participatory digital community.

Areas of work

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



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



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

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.).



IDEA LIVING LAB IDEA: INNOVACIÓN Y **DESARROLLO ASISTENCIAL**

Country: Spain

www.ideainnovacion.com

Type of LL

Urban Living Lab; Rural Living Lab; Living Lab as a service; Research driven living lab; Living testbed.

The Idea Living Lab serves as a central hub in the open health ecosystem, focused on enhancing the quality of life for the elderly. Our work occurs in real environments, aiming to improve without disruption. We research, share knowledge, and create innovative products and services to elevate elderly life. We follow a co-creation, co-design, and person-centered care approach.

Our transdisciplinary technical team, consisting of geriatricians, physiotherapists, psychogerontologists, economists, occupational therapists, social workers, marketing, and business experts, addresses diverse elderly needs across contexts.

Collaboration spans local to European levels, involving universities, elderly associations, research centers, public administrations, and private enterprises. We innovate empathetically, letting the elderly determine the feasibility of innovations based on real needs.

Our expertise covers:

- a. Architecture, Environment, and Aging
- b. Gerontechnology
- c. Health Promotion and Active Aging
- d. Meaningful Environments and Palliative Care Best Practices
- e. Silver Economy

Areas of work

- Artificial Intelligence
- Education and/or vocational training
- Health & Well Being
- SME & Start-ups
- Social innovation & inclusion



Business model innovation



Co-creation methods & tools



Governance models



Impact assessments



Implementation after testing



Innovation strategies



evaluation



Management



experimentation



Service design



Stakeholder engagement



User & Living Lab research



Suara Living Lab Suara Cooperativa

Country: Spain

https://suara.coop/ca

Type of LL

Urban Living Lab; Living Lab as a service. The organization is a cooperative consisting of first-degree and associated work, driven by social initiative and a non-profit ethos. A steadfast commitment to the social economy and the empowerment of all individuals is demonstrated, aligned with the motto 'People who decide.' The organization is supported by an experience spanning over 40 years, marked by proximity, care, professionalism, and a continual adaptation to emerging realities and challenges.

The central social mission revolves around delivering care across diverse domains including education, social welfare, health, and employability promotion. This encompasses all endeavors linked to enhancing the quality of life for those served, achieved through the provision of services. A comprehensive array of choices is extended to address individuals' needs throughout their life cycle, with services adjusted to meet the unique requirements of each client and individual served.

Areas of work

- Artificial Intelligence
- Circular Economy
- Health & Well Being
- Social innovation & inclusion



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 Labs in





HSB Living Lab HSB Levande Lab Utveckling HB

Country: Sweden

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

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



Business model innovation



Co-creation methods & tools



Governance models



Impact assessments



Implementation after testing



Innovation strategies





experimentation



Scaling-up



Service design



Stakeholder engagement



User & Living Lab research



Openlab

Royal Institute of Technology Sweden

Country: Sweden

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

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

Main expertise



Business model innovation



Co-creation methods & tools



Governance models



Impact assessments



Implementation after testing



Innovation strategies



evaluation





experimentation

Scaling-up







Stakeholder engagement



research

BOTNIA IVING LAB

Botnia Living Lab Luleå University of **Technology**

Country: Sweden

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

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



Co-creation methods & tools



Governance models



Impact assessments



Implementation after testing



Innovation strategies



Living Lab (projects) evaluation



Management





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



Co-creation methods & tools



Impact assessments



Implementation after testing



Innovation strategies



Living Lab (projects) evaluation



Panel Management



Real-life experimentation



Stakeholder engagement



learning, loving & laughing

Småland Living Lab



Småland Regional Living Lab Department of Design, Linnaeus University

Country: Sweden

www.lnu.se/en/research/ searchresearch/smalandliving-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



Business model innovation



Co-creation methods & tools



Governance models



assessments



Implementation after testing



strategies



Real-life experimentation





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





GENÈVE LAB

Genève Lab State of Geneva

Country: Switzerland

www.ge.ch/dossier/geneve-

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

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



Business model innovation



Co-creation methods & tools



Implementation after testing



Innovation strategies



Panel Management



Policy making



Real-life experimentation





senior - labch

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

Country: Switzerland 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

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



Business model innovation



Co-creation methods & tools



Governance models



Implementation after testing



Innovation strategies



Panel Management



Real-life experimentation







User & Living Lab research



Living Lab for Special Needs

HES-SO Valais-Wallis

Country: Switzerland

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

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



Business model innovation



Co-creation methods & tools



Governance models



Impact assessments



Implementation after testing



Innovation strategies



evaluation



Panel
Management



Real-life experimentation



Scaling-up



Service design



Stakeholder engagement



User & Living Lab research



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 practicebased 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



Business model innovation



Co-creation methods & tools



Innovation strategies



User & Living Lab

L*3 Lugano Living Lab

Lugano Living Lab City of Lugano

Country: Switzerland 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

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

Main expertise



Business model innovation



Co-creation methods & tools



Governance models

experimentation



Impact assessments



Implementation after testing



Innovation strategies



Living Lab (projects) evaluation



Panel Management



Real-life





Service design



Stakeholder engagement



User & Living Lab research



Energy Living Lab HES-SO

Country: Switzerland 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 peopleand 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/climate change
- Mobility
- **Smart Cities & Regions**
- SME & Start-ups
- Social innovation & inclusion
- Zero pollution & decarbonisation
- Water (Blue economy)

Main expertise



Business model innovation



Co-creation methods & tools

experimentation



Governance models



Impact assessments



Implementation after testing



Innovation strategies





Management



Scaling-up



Service design



Stakeholder engagement



research



Ecopol Living Lab & ecovillages Romandie

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

Country: Switzerland 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
- SME & Start-ups
- Social innovation & inclusion
- Zero pollution & decarbonisation



Business model innovation



Co-creation methods & tools



Governance models



Impact assessments



Implementation after testing



Innovation strategies



Panel Management













User & Living Lab research



NEST Empa

Country: Switzerland 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 Intellingence
- Circular Economy
- Digital fabrication
- 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 & decarbonisation
- Water (Blue economy)



Business model innovation



Co-creation methods & tools



Governance models



Implementation after testing



Living Lab (projects) evaluation



Policy making



Real-life experimentation



Scaling-up



i Home Lab HSLU Hochschule

iHomeLab (iHL)
Hochschule Luzern Technik
& December 2015
& Dec

Country: Switzerland 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

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



Business model innovation



Innovation strategies



Living Lab (projects) evaluation



Real-life experimentation



Service design



Stakeholder engagement



User & Living Lab



Mobile Communications and Computing for Life Quality

University of Geneva, Center for Informatics, Switzerland

Country: Switzerland www.mqol.unige.ch

Type of LL

Research driven Living Lab.

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.

Areas of work

- Artificial Intellingence
- Health & Well Being
- Mobility



Co-creation methods & tools



Implementation after testing



Living Lab (projects) evaluation



Panel Management



Real-life experimentation



Service design



Stakeholder engagement





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

Country: Switzerland 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 & decarbonisation



Co-creation methods & tools



Impact assessments



Implementation after testing



Innovation strategies



Real-life experimentation



Service design



Stakeholder engagement



User & Living Lab research



FiBL On - farm Living Labs

FiBL

Country: Switzerland

www.fibl.org

Type of LL

Research driven Living Lab.

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







ion Innovation g strategies



Stakeholder engagement



User & Living Lab research



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

Country: Switzerland 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 & decarbonisation
- Water (Blue economy)



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/

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



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





DigiArt Living Lab Tunisian Association of Creative Technology

Country: Tunisia 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 Intellingence
- 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



Co-creation methods & tools



Impact assessments



Implementation after testing



Real-life experimentation



Service design



Stakeholder engagement



User & Living Lab



Living Labs in





Mezopotamya Living Lab

Şanlıurfa Metropolitan Municipality

Country: Turkey

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 Sanliurfa metropolitan municipality. It does so by using technology accordingly and consciously in every aspect of life in coordination with the nongovernmental 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 Intellingence
- Circular Economy
- Culture & Creativity (creative sectors)
- Education and/or vocational training
- Environment/climate change
- Industries & Manufacturing
- Media
- Regulatory learning (policy making)
- Rural areas
- Smart Cities & Regions
- SME & Start-ups
- Social innovation & inclusion
- Urban areas
- Water (Blue economy)





Co-creation methods & tools



Governance models



Implementation after testing



Innovation strategies



Policy making



Service design



Stakeholder engagement



User & Living Lab research



BAŞAKŞEHİR Living Lab BASAKSEHİR MUNICIPALITY

Country: Turkey

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



Business model innovation



Co-creation methods & tools



Governance models



Impact assessments



Implementation after testing



Innovation strategies



evaluation



Real-life experimentation



Service design



Stakeholder engagement



User & Living Lab research



Bodrum Living Lab Bodrum Girişimcilik A.Ş.

Country: Turkey

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
- **Smart Cities & Regions**
- SME & Start-ups
- Zero pollution & decarbonisation
- Water (Blue economy)



Business model innovation



Co-creation methods & tools



Governance models



Implementation after testing



Innovation strategies



Real-life experimentation



Scaling-up











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-forcollaborative-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-toinnovation 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
- SME & Start-ups
- Social innovation & inclusion



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



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

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



Business model innovation



Co-creation methods & tools



Governance models



Impact assessments



Implementation after testing



Innovation strategies















Manchester Digital Innovation Living Lab Manchester Metropolitan University

Country: United Kingdom 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

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



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



Lab4LivingSheffield Hallam University

Country: United Kingdom 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



Co-creation methods & tools



assessments



Innovation strategies



Living Lab (projects) evaluation



Panel Management



Policy making



experimentation







User & Living Lab research



Bristol Living Lab Knowle West Media Centre

Country: United Kingdom 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

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









Stakeholder engagement



research



City Lab Coventry Coventry University

Country: United Kingdom

Type of LL

Urban living lab.

City Lab Coventry is an urban research-driven living lab drawing on the expertise and networks of staff from across Coventry University, providing an open environment for participatory research projects and initiatives. Particular areas of interest and expertise include circular economy, education and training, health and wellbeing, mobility, smart cities and urban areas, and social innovation and inclusion. We aim to work with and bring together a diverse range of local, national, and international partners and stakeholders, including SMEs, local communities, NGOs, charitable organizations, governmental departments, universities, and research organizations, to generate co-created, multi-disciplinary research-based knowledge and deliver outcomes with international significance.

Areas of work

- Circular Economy
- Education and/or vocational training
- Health & Well Being
- Mobility
- Smart Cities & Regions
- Security
- Social innovation & inclusion
- Urban areas



Co-creation methods & tools



Impact assessments



Implementation after testing



Living Lab (projects) evaluation



Management



Policy making



Real-life experimentation









StrathLab StrathLab: A Living Lab at Strathclyde

Country: United Kingdom

https://www.strath. ac.uk/workwithus/ strathlabalivinglabatstrathclyde/ StrathLab uses co-design to identify and prioritise what matters to the people of Glasgow and beyond and co-creating solutions that solve real-world problems in inclusive and socially progressive ways. Although Living Lab is based in the heart of the city of Glasgow City Innovation District, it has no walls. StrathLab is connected to a set of networks and communities. Examples include their Ageing, Carer and Dementia Networks, the University's Centre for Sustainable Development and Inspiring Childrens' Futures.

Across the city of Glasgow and in rural communities nearby, StrathLab has satellite labs, co-creation events, and spaces to take research outside the traditional lab and into the places where solutions will be used and benefits realised. StrathLab has a collection of state-of-the-art research and innovation facilities, including design space, labs, innovation zones and exhibits. These range from Virtual Reality lab space to modelling 'real-world' spaces such as GP surgeries, pharmacies, or rooms around the home. Examples include our Fabrication Lab, The Centre for Co-Creation of Rehabilitation Technology and the Laboratory for Innovation in Autism.

European Network of Living Labs Living Lab Community

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



