

Innoasis by Nordic Edge Living Lab

1. Living Lab Overview

- Name: Innoasis by Nordic Edge
- Location: Stavanger, Norway
- Mission and Vision: To foster an innovation ecosystem for smart and sustainable urban solutions, providing a dynamic space that unites entrepreneurs, investors, and public and education sector leaders to co-create smarter, greener cities.

2. Why is it a Living Lab?

Real-Context Experimentation: Innoasis offers a real-world environment where innovations can be implemented, tested and adjusted in urban contexts, allowing projects to demonstrate their effectiveness and viability before they are launched to the market.

Co-creation and Collaboration: Facilitates collaboration between different sectors, creating an innovation ecosystem that actively involves users, companies, researchers and local authorities. This constant interaction is key to the development of solutions that effectively respond to the real needs of urban communities.

Open Innovation: Promotes an open innovation approach, using tools such as the "[Tested in Rogaland](#)" to connect innovators with various testing arenas, and by organising events such as the Nordic Edge Expo to share ideas and foster cooperation.

3. Infrastructure and Resources

- **Facilities and Test Sites:** A modern, sustainable space in the refurbished Norwegian Petroleum Directorate building, equipped to promote collaboration and innovation. It includes coworking areas, event rooms and specialized laboratories such as the Urban Energy Lab.
- **Collaborators and Partners:** Close collaboration with the Municipality of Stavanger, various technology companies, educational centers and citizen groups, with a focus on strengthening synergies between these actors for the development of sustainable urban solutions.

4. Areas of Focus and Specialization

- Topics of Interest: Sustainable urban energy, energy efficiency, distributed energy systems, and development of smart urban communities.
- Key Competencies: Integration of renewable technologies, optimization of energy efficiency in urban environments, development of communities of practice and promotion of cross-sectoral collaboration for urban innovation.

5. Innovation Methodologies

- Open Innovation Approach: Facilitates the connection between innovation and practical application through platforms such as the "Tested in Rogaland" portal, where various testing arenas can be accessed.
- Co-creation Processes: Organization of events such as Nordic Edge Expo and thematic workshops that allow the discussion and joint development of new urban solutions.

6. Projects and Challenges

Featured Projects:

- Urban Energy Lab Initiative: Efforts to develop and test urban energy systems that are renewable, efficient, and distributed. This lab seeks to integrate solutions that allow cities to produce a significant amount of their own energy using renewable sources such as solar, geothermal, and wind, and reduce energy needs through energy-saving measures.
- "Tested in Rogaland" Portal: A platform that facilitates the connection between innovators and various test arenas to validate solutions in real contexts, thus improving the possibilities of commercialization of these innovations.
- Events & Conferences: Innoasis, as host of the Nordic Edge Expo and other related events, plays a crucial role in promoting urban innovation through workshops, networking sessions, and other collaborative activities.

Current Challenges:

- Expansion of Test Arenas: Expand the capacity and diversity of test arenas available on the "Tested in Rogaland" platform, to include more variety of urban environments and contexts that facilitate broader and more varied tests.
- Integration of New Technologies: Adapt and scale emerging technologies within existing urban systems, addressing technical and market challenges to achieve effective and sustainable integration.

- Development and Financing: Finding new ways of organizing, financing, and owning urban energy systems to facilitate their adoption and expansion in the long term. Impact on the Community and the Territory
- Local Contributions: Supporting the development of Stavanger as a model of urban innovation, driving improvements in sustainability and urban quality of life.
- Social and Economic Benefits: Generation of new business and employment opportunities through sustainable innovation, strengthening the local economy and promoting community development.

7. Lifelong learning and open knowledge

8. Publications and Resources

Web Innoasis <https://www.innoasis.io/>

Web Nordic Edge <https://nordicedge.org/>

Web Test in Rogaland <https://wall.universalplayground.no/>