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# The Living Lab Phenomena

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The northernmost University of Technology in Scandinavia  
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## Primary Goal of Living Labs

The primary goal of Living Labs is to strengthen Europe's competitiveness by improving the efficiency of innovation processes and by contributing to better uptake of R&D results

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# Perspectives of Living Labs



Bergvall-Kåreborn, Holst & Ståhlbröst (2009) defines Living Lab as a gathering of public, private partnerships in which businesses, researchers, authorities and citizens work together with ideation, creation, validation, and test of new business ideas, services, technologies and markets in real-life contexts.

Ballon, Pierson & Delaere (2005) definition of Living Labs: “*An experimentation **environment** in which technology is given shape in real life contexts and in which (end) users are considered ‘co-producers’.*”

Eriksson et al (2005) define Living Labs as a research and development **methodology** whereby innovations, such as services, products, and application enhancements, are created and validated in collaborative, multi-contextual empirical real-world settings



# Components of Living Labs

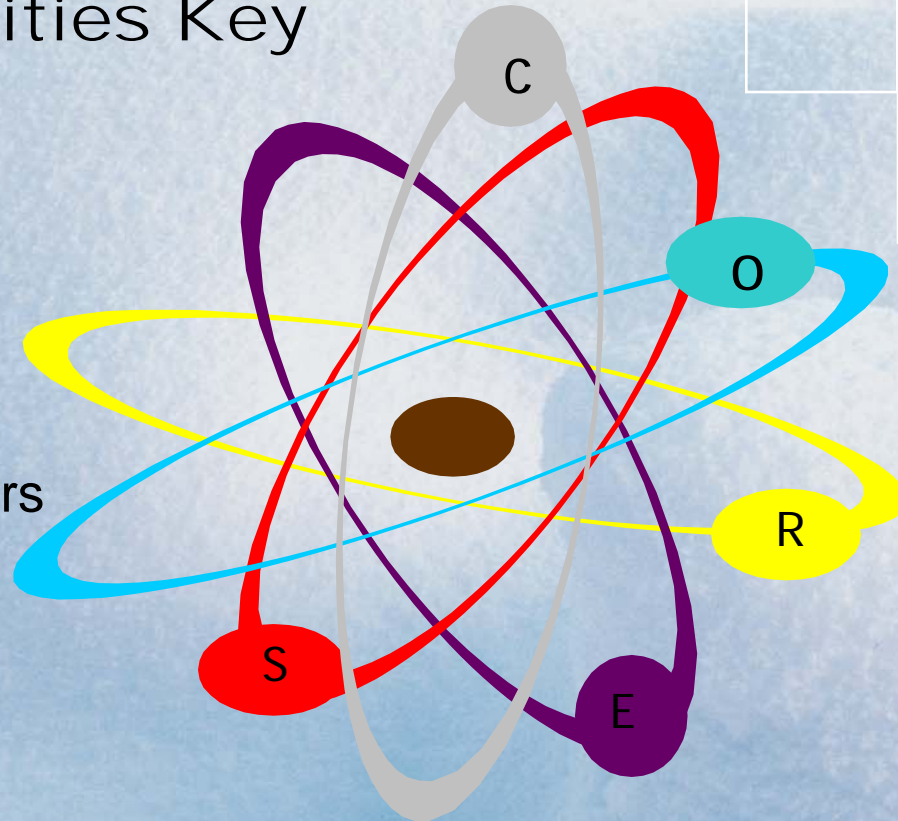


- Technology and Infrastructure
- Users
- Organisation and Method
- Partners
- Application Environment



## Living Lab Activities Key Principles

- Continuity
- Openness
- Realism
- Empowerment of Users
- Spontaneity





## Characteristics of Living Lab

- Invites users to take part in the whole innovation process
- Real world tests and experimentation
- Develop long-term, and continuous, partnership with end-users, government, companies and researchers in innovation processes
- Develop technology with the users in the centre





## Benefits of the Living Lab Approach

- **For Government**
  - Democratic activities via citizen involvement
  - Regional and national development
  - Increased return of investments on innovation research
- **For Companies**
  - Faster development cycles
  - More innovative ideas, both amount and heights
  - Developing right products
  - Easier implementation
  - Access to a broader market
  - Better uptake of innovations
  - “Neutral” playing arena
  - New collaborations



# Benefits of the Living Lab Approach



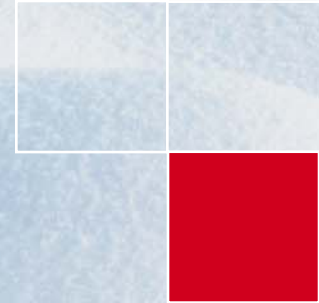
- **For Users:**

- Being able to influence technology development, hence getting what they need and want
- Getting access to test the latest technology before others
- Opportunity to be involved in development of the society

- **For Researchers:**

- Collaboration with users and companies
- Real life test-cases of new ways to perform, for example
  - user involvement activities
  - development processes
  - cross boarder networking
  - technology tests
  - technology transfer activities

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Questions?

Tack så mycket!

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