

# Energy Lab

## Use-case 3



### Goals >

The Energy Lab is an innovation ecosystem consisting of more than 200 proactive partners and relevant research institutions in Switzerland. Its mission is to boost the energy transition through joint innovations. In a multistage bottom-up, agile process the Energy Lab aims to generate solution approaches with real impact and economic benefits.

### Country >

Switzerland, Lucerne

### Host >

University of Applied Sciences and Arts, Lucerne (HSLU)



< **No competence is needed.**  
**What is needed is the enthusiasm and time.** >

### History >

- The creation of Energy Lab was initiated to support innovation teams to develop their projects with the help of the Innovation Booster program (Inno Suisse).
- Currently, the Energy Lab brings together different experts to solve energy challenges, helps to initiate innovation projects, funds them, and supports the project team in the initial phases.

*Ludger Fischer*

*Lecturer and Researcher at HSLU, Program Manager at Energy Lab*

### Key Partners >

HSLU, Switzerland Innovation Park Central (an association), Qube, iHomelab, Lucerne Sud, Verkehrshaus

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### Governance Model (Macro level) >

- Currently, there is no separate legal entity for the Energy Lab, it's officially a project within the University of Applied Sciences in Lucerne (HSLU). This fact makes the funding process for innovative projects much simpler and answers the initial goal of the Energy Lab.
- With the arrival of new long-term projects, the rethinking of a Governance Model might become an issue (SWEET).
- The organization of the Energy Lab follows a holocratic structure for optimal agility and open innovation. It consists of the following bodies: Leading House, Lab Team, Pitch Jury, Consortium Experts, Project Teams, and Advisory Board. Team members have a horizontal management model, they are based on the responsibilities for their activities that could change.
- The decisions are made by convergence.
- The importance of a friendly atmosphere in a team and a positive experience is mentioned as the key factors for people's motivation.

### Business Model (Macro level) >

- Lab team of 12 people + Sub-teams (**acquisition** – finding projects, meeting people, **operational team** – workshops organization, webinars, coaching for teams, **representation group**).
- Local (Qube & iHomeLab), national, and European research projects.
- The Park Central is a partner (an association) in a growth strategical questions.

### Tools & Methods (Meso & Micro Levels) >

- [Joint Create Platform](#)
- Pitch and Enrich Workshops
- Design thinking tools
- Social science research tools

### Outcomes >

23 innovative projects in 2021  
40 Innovative projects in 2022

### Links to more info >

- [Energy Lab Video](#)
- [Ihome Lab – Living the Future today](#)
- [Qube energy Quarter](#)
- [Tech Cluster Zug](#)

