

# Energy Lab.

Boosting the Energy Transition

[www.energylab.site](http://www.energylab.site)

Innovation  
Booster

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## Mission

Boost the energy transition through an open innovation framework

## Focus

All aspects of the energy strategy 2050, including supply, distribution and demand in buildings, mobility and industry

## Benefits

Match your challenge with experts and receive funding from the Innovation Booster program

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Lucerne University of Applied Sciences and Arts

### HOCHSCHULE LUZERN

FH Zentralschweiz

all  
this  
future



BELIMO



ITZ | InnovationsTransfer  
Zentralschweiz



FH GR Fachhochschule Graubünden  
University of Applied Sciences

ihz  
INSTITUT FÜR HOCHLEISTUNG  
ENTWICKLUNG



creaholic

NUSSBAUM<sub>RN</sub>

NEST | Empa eawag



Mit

One planet living

oxygen at work

FEA



n|w Fachhochschule Nordwestschweiz

ETH

SIEMENS

SmartGrid<sup>®</sup>  
ready

PLANAIR

SUPSI

SWISS  
CLEANTECH  
Wirtschaft klimatauglich.

heig-vd

Hes·SO VALAIS WALLIS

Hes·SO FRIBOURG/  
FREIBURG  
Haute école spécialisée de Suisse romande  
Fachhochschule Westschweiz

EPFL

swisspor

swissnex  
boston

SWISSMEM  
Academy

TU WIEN  
TECHNISCHE  
UNIVERSITÄT  
WIEN  
Vienna University of Technology

UNIVERSITÉ  
DE GENÈVE

fleco  
POWER

ZUG

ZHAW  
Zürcher Hochschule  
für Angewandte Wissenschaften  
School of  
Engineering



ZURICH

B  
H  
Berner Fachhochschule  
Haute école spécialisée bernoise

# Energy Lab.

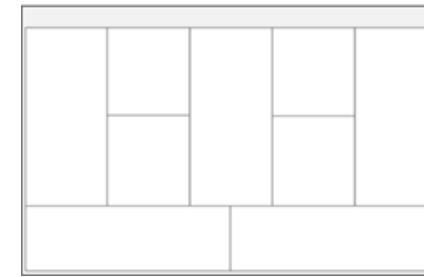
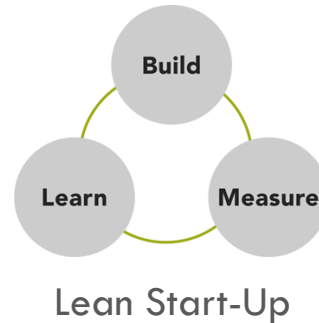
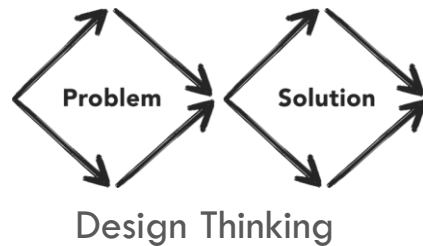
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## Work Style



Business Model Canvas

## Key Figures

6 Innovation workshops per year

More than 25 challenges per year

300'000 CHF for idea funding per year

5'000 CHF up to 25'000 CHF per idea

## Project Criteria

Potential energy saving [TWh]

Potential CO<sub>2</sub>eq savings [CO<sub>2</sub> eq]

Gender mix [%]

Total addressable market [MCHF]

Time to market [Years]

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## 5 steps towards a funded project with experts

1

Submit a  
challenge

2

Prepare 5-page  
project pitch

3

Release challenge and  
select experts

4

pitch & enrich and  
convince the jury

5

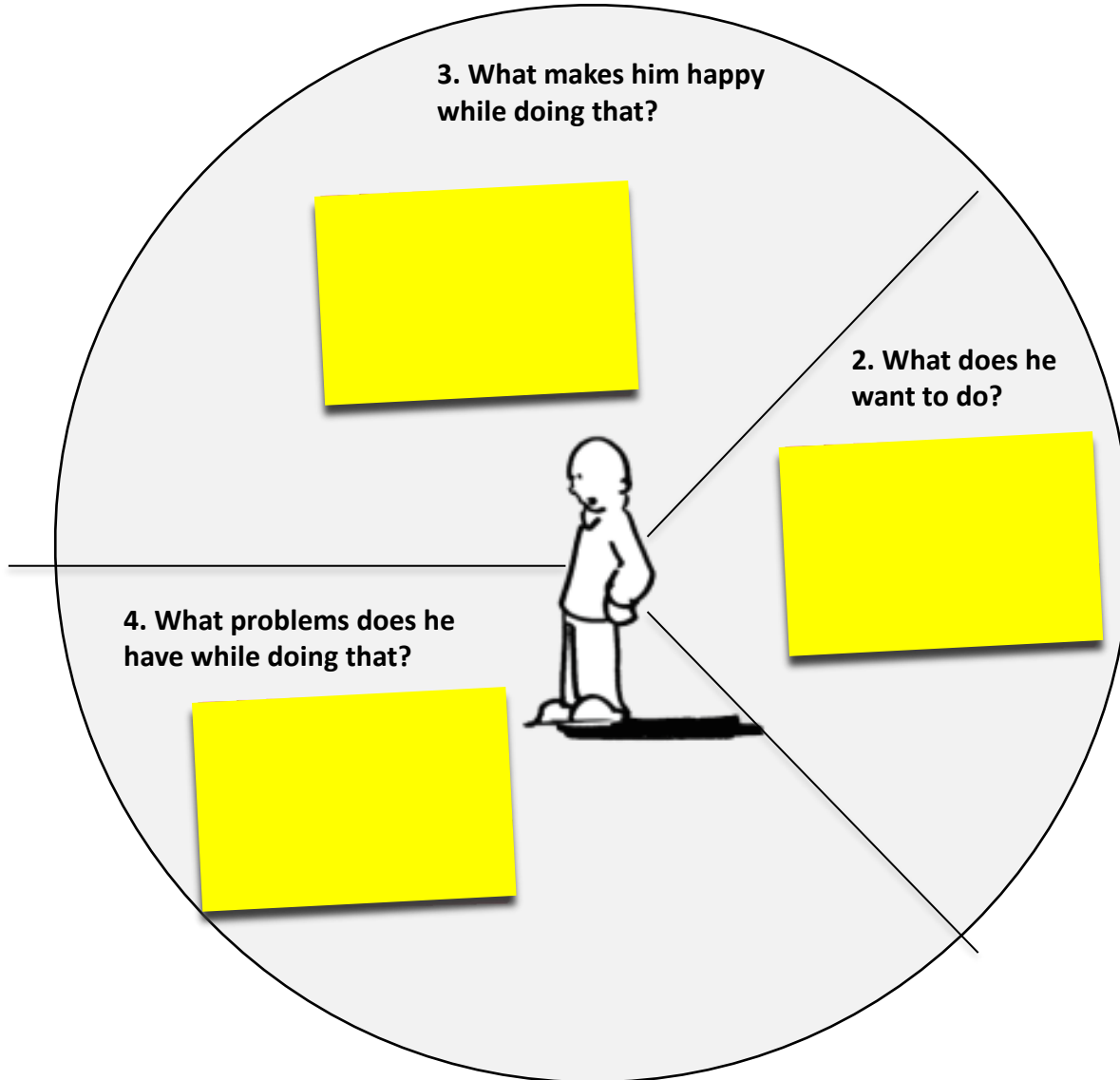
Receive your seed funding  
for your team



### Challenge Owner

- ✓ You have a challenge to solve
- ✓ You have a company or Institution that will own the challenge and pushes the project towards the market

# How does your customer want to reduce CO2 and/or increase energy efficiency?



1. Who is your customer?

A large rectangular box is positioned to the right of the circular diagram. It contains a yellow sticky note in the top-left corner. In the top-right corner of the box is a simple line drawing of a person standing with their hands behind their back, similar to the one in the circular diagram. The rest of the box is empty space for writing.

Your Name(s): \_\_\_\_\_

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## 5 steps to become a project team expert

1

register

2

Receive and check  
challenge

3

Apply for challenge  
pitch

4

pitch & enrich

5

Become member of a  
project team

### Expert

- ✓ Interested in energy innovation
- ✓ Can contribute with a specific expertise or skill
- ✓ Academic, industrial or public...
- ✓ ...all stakeholders welcome



# Save the date

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**Kick-off Workshop 29. January 2021**

**Ideas for a challenge?**

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