



# Implementation Strategies

## for Energy Retrofit of the Building Stock



Thursday, 5. Sept. 2019



13.30h



EPFL Lausanne, AAC114

The renovation rate of the Swiss building stock is below 1%. This rate is insufficient to achieve the targeted reduction of the energy demand for space heating by 64% in the Swiss Energy Strategy 2050.

The introductory presentation reveals the techno-economic potential of large-scale energy retrofit in the Swiss residential building stock.

In the panel discussion, we will show who is involved in the planning, decision-making and realizing of energy renovation measures and which drivers and barriers are relevant for the implementation. We invite you in the audience, together with the experts on the panel, to discuss and develop strategies to recognize the drivers and overcome the barriers.



sccer | future energy efficient  
buildings & districts

# The goal of the Swiss Competence Center for Energy Research on Buildings & Districts:

Reduction of energy-related CO<sub>2</sub> emissions  
from buildings by a factor of 3

Reduction by factor 3 until 2035 is  
achieved by...

- new components and technologies that reduce the gap between planning and operating values (performance gap),
- decentralising the energy supply in order to integrate more renewable energy into the Swiss energy system,
- digitisation during the planning and operation of buildings, districts and regions in order to build and operate efficient decentralised energy systems.

The following factors influence the  
objectives of the Energy Strategy  
2050:

- Reduction of energy intensity
- Reduction of CO<sub>2</sub> intensity
- Increasing renovation rate

This forum is part of the "Factor 3" forum series, which develops implementation strategies for new solutions from the Swiss Competence Center for Buildings and Districts.

Register free of charge to "Factor 3" forum (13:30h - 15:00h),  
"Science meets industry" (16:00h - 18:00h), and cocktail reception on Sept. 5<sup>th</sup>, 2019:  
<http://cisbat.org/sciencemeetsindustry.html>

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📍 EPFL Lausanne, AAC114

🕒 13.30h - Input presentation



**Kai Nino Streicher**  
Research associate,  
Université de Genève  
Partner of SCCER FEEB&D

🕒 14.00h - Panel discussion & Questions from the audience



**Sandra Klinké**  
President of swissesco  
Head of energy group  
Amstein & Walther  
Genève SA



**Francois Guisan**  
Sustainable Development  
Integrator  
Implenia Suisse SA



**Jad Khoury**  
Development manager  
for urban projects  
Services Industriels de  
Genève



**Catherine Lavallez**  
Energy Consultant  
Territoires & Energies Sàrl

Which **stakeholders** have which influence on renovations?

Which **drivers / barriers** do you face when planning and implementing renovation measures?

What is needed to **recognize drivers / overcome barriers**?



**Moderation**  
**Sabine Sulzer**  
Knowledge & Technology  
Transfer SCCER FEEB&D

🕒 16.00h - Science meets industry



# Swiss Competence Center for Energy Research on Buildings & Districts

## Contact

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