Implementation Strategies for Energy Retrofit of the Building Stock

Thursday, 5. Sept. 2019  13.30h  EPFL Lausanne, SG1

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

Reduction of energy-related CO\textsubscript{2} 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\textsubscript{2} 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\textsuperscript{th}, 2019: http://cisbat.org/sciencemeetsindustry.html
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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 Klinke
President of swissesco
Head of energy group
Amstein & Walthert 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?

16.00h - Science meets industry
Swiss Competence Center for Energy Research on Buildings & Districts

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