



IEA SHC Task 66 Solar Energy Buildings

Integrated solar energy supply concepts for climate-neutral buildings and communities for the "City of the Future"



Industry Workshop No 3

"Demonstration projects of Solar Energy Buildings around the globe"

7th February 2023

1:00 – 3:30 pm CET (Central European Time, UTC+1)

virtual: <https://unistuttgart.webex.com/unistuttgart/j.php?MTID=m6f15c529a5fc16e698eca7bd04f6d28a>

The objective of IEA SHC Task 66 is the development of economic and ecologic feasible energy supply concepts with high solar fractions. Task 66 addresses single-family buildings, multi-story residential buildings, building blocks and communities, with regard to new and existing buildings.

Program

- 1:00 **Welcome, Introduction and Presentation of Task 66**
Dr. Harald Drück, Task Manager of Task 66, Institute for Building Energetics, Thermotechnology and Energy Storage (IGTE), University of Stuttgart, Germany
- 1:15 **Typical zero-carbon building renovation project based on BIPV technic in China**
Dr. Boyuan Wang, China Academy of Building Research, China
- 1:35 **Solar energy communities in Aarhus, Denmark**
Elsabet Nielsen, Technical University of Denmark, Denmark
- 1:55 **Examples of multi-family houses with high solar fractions in Germany**
Franziska Bockelmann, Steinbeis-Innovationszentrum energieplus, Germany
- 2:10 *Break*
- 2:30 **Examples of typical Solar Energy Buildings in India**
Dr. Arun Kumar Vaiyapuri, STEAG Energy Services (India) Pvt. Ltd., India
- 2:50 **Monitoring results of two highly solar powered apartment buildings with flat-rent in Germany - residential concept of the future?** Lukas Oppelt, TU Bergakademie Freiberg, Germany
- 3:10 **Solar energy buildings with energy active facades**
Michael Gumhalter, AEE - Institute for Sustainable Technologies, Austria
- 3:30 *End*

Registration is not required! We kindly ask the guests who are not yet official participants of Task 66 to send us their name, institution and e-mail addresses:

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Dr. Harald Drück (Task manager): harald.drueck@igte.uni-stuttgart.de

Contact us, join us, share your ideas with us!

E-Mail: task66.info@iea-shc.org Website: <https://task66.iea-shc.org>

