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)

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:

Claudia Scholl-Haaf (Task administrator): claudia.haaf@igte.uni-stuttgart.de
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