



## 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 4

**"Solar energy supply concepts for buildings and districts in an international context"**

**9<sup>th</sup> October 2023, Graz, Austria**

**13:30 – 17:30 h, Franziskaner Kloster Franziskanerplatz 4, 8010 Graz**

### IEA SHC Task 66 "Solar Energy Buildings"

The objective of 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 as well as building blocks and communities, with regard to new and existing buildings.

### Program

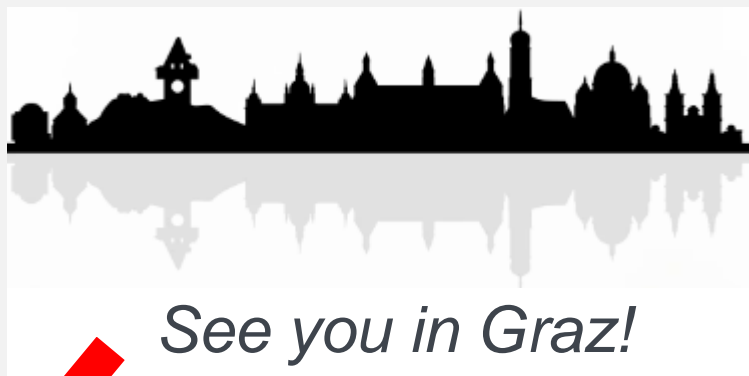
- 13:30 – 14:00 **Welcome and Presentation of Task 66 and General Overview Sol4City Project**  
Dr. Harald Drück, Task Manager of Task 66, Institute for Building Energetics, Thermotechnology and Energy Storage (IGTE), University of Stuttgart, Germany  
Thomas Ramschak, AEE INTEC, Austria
- 14:00 – 14:30 **The electrical grid load of Solar Energy Buildings – Effects of generation and storage technologies**  
Michael Gumhalter, AEE INTEC, Austria
- 14:30 – 15:00 **Battery storage systems in residential buildings – Technological and economic possibilities**  
Franklin Simon von KREISEL Electric, Austria
- 15:00 – 15:30 *Coffee Break*





- 15:30 – 16:00 **Solar heat and ice storages in cold district heat networks for heating and cooling - operation and control aspects**  
Ralf Dott, Viessmann Climate Solutions SE, Germany
- 16:00 – 16:30 **Solar energy application of zero carbon building parks in China**  
Dr. Boyuan Wang, China Academy of Building Research, Beijing, China
- 16:30 – 17:00 **Solar energy supply concepts for buildings and districts**  
Elsabet Nielsen, Technical University of Denmark, Denmark
- 17:00 – 17:30 **Final discussion and closing**  
Dr. Harald Drück, Task Manager Task 66, IGTE, University of Stuttgart, Germany
- ... from 19:00 **Optional: joint dinner at Gasthaus Lendplatz!**  
Lendplatz 11, 8020 Graz, Austria [www.lendplatzl.at/gasthaus](http://www.lendplatzl.at/gasthaus)  
Registration for the dinner is kindly requested until 30<sup>th</sup> of Sept. 2023 to Mrs. Manuela Eberl , E-mail: [m.eberl@aee.at](mailto:m.eberl@aee.at)

→ Please note that the dinner has to be paid by the participants themselves!



Please note that registration is required for the Industry Workshop!

Please send an E-Mail at latest until 30.09.2023 to:  
Claudia Scholl-Haaf (Task administrator) [claudia.haaf@igte.uni-stuttgart.de](mailto:claudia.haaf@igte.uni-stuttgart.de)

Task Manager: Dr. Harald Drück; E-Mail: [harald.drueck@igte.uni-stuttgart.de](mailto:harald.drueck@igte.uni-stuttgart.de)

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

E-Mail: [task66.info@iea-shc.org](mailto:task66.info@iea-shc.org) Website: <https://task66.iea-shc.org>





Foto: Academy of Building Research  
China



Foto: Technical University  
of Denmark



Foto: Jenni Energietechnik  
Switzerland



## Venue on 9<sup>th</sup> of October, 2023:

Franziskaner Kloster  
Franziskanerplatz 4, 8010 Graz, Austria

Room on the 1<sup>st</sup> floor: Franziskussaal  
Entrance: Monastery gate at Franziskanerplatz

<https://goo.gl/maps/ZbM5PZqYsf9LaH1U7>

## Travel Information

The beautiful city of Graz <https://www.graztourismus.at/en> is the state capital of Styria and the second largest city in Austria.

Many roads lead to Graz, Austria's second biggest city – fast, comfortable, cheap, or eco-friendly.

From Airport Graz in Austria Thalerhof to the city center / Franziskanerkloster:  
If you travel to Graz by plane, you can take the train or bus from the airport to the main station and from there the tram to the city centre.

<https://www.flughafen-graz.at/en/terminal/anreise-parken/bus-bahn.html>

Other interesting links:

Map of Graz: <https://www.graztourismus.at/en/getting-there-and-public-transport/interactive-city-map>

Parking: <https://www.graztourismus.at/en/getting-there-and-public-transport/parking-in-graz>

Public transport: <https://www.graztourismus.at/en/getting-there-and-public-transport/getting-to-graz>

## Hotel Information – walking distance to Franziskanerkloster

Motel One: [www.motel-one.com](http://www.motel-one.com)  
Jakominiplatz 7, 8010 Graz, Austria  
from € 128,00 per night incl. breakfast

Hotel Weizer: [www.hotelweitzer.com](http://www.hotelweitzer.com)  
Grieskai 12-16, 8020 Graz, Austria  
from € 151,00 per night incl. breakfast

Hotel Lendplatzl: <https://www.lendplatzl.at/hotel>  
Lendplatz 11, 8020 Graz, Austria  
from € 113,00 per night incl. breakfast

[There are plenty of good and nice hotels in the city center of Graz; g.e. www.booking.com.](http://www.booking.com)