

Task 65 Austrian National Workshop 2024

Without further action, global cooling demand, especially in the Sunbelt countries, will triple by 2050. Previous IEA SHC tasks on the topic of solar cooling have brought significant progress in technology and economic efficiency. The knowledge on this has been collected primarily in OECD countries outside the Sunbelt. The aim of this Task 65 is to adapt the technologies to the boundary conditions of the Sunbelt (hot/humid), to find and evaluate suitable system concepts and to publish and disseminate the advantages accordingly.

In addition to system adjustments, the Austrian focus is on life cycle cost-benefit analysis and the further development of previous assessment tools.

Austrian National Workshops

Three workshops will take place at the national level in order to, on the one hand, bring together collected Austrian know-how into the Task 65 and, on the other hand, to reflect the findings of international experts and test the tools and methods developed.

- In the first national workshop (March 24th, 2021, online), service offered by Foreign Trade Austria with a view to solar cooling in the UAE, ADA and the Austrian Development Bank with a focus on Africa were presented. Austrian companies and institutes also introduced themselves.
- In the second national workshop in Innsbruck (March 24th, 2023), 10 companies, including SOLID and Ecotherm, presented and discussed products, implemented projects and other findings that positively support the topic of solar cooling.
- In the 2024 national final workshop, the combined technical, ecological, economic life cycle assessment (LCCBA) and the developed LCCBA tool will be presented. Both the method used and the corresponding analyzes and evaluations represent an innovation in the field of solar heating and cooling and renewable energy.
- The open discussion with Austrian stakeholders and experts in the three national workshops results in appropriate reviews of the approach and thus the further development of the methods.

Further information at <https://task65.iea-shc.org/>

On behalf of the Austrian consortium and all IEA SHC Task 65 experts, we invite you to the third workshop.

Prof. Dr. Uli Jakob,
Task Manager, IEA SHC Task 65
Dr Jakob energy research GmbH & Co. KG
Green Chiller Association

DI Dr. techn. Daniel Neyer
Subtask C Leader, IEA SHC Task 65
Neyer Brainworks GmbH
Universität Innsbruck



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ENERGETIC
SOLUTIONS
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Agenda

3rd IEA SHC Task 65 - Austrian National Workshop

8 April 2024 14:00-18:00, Hotel Europa Graz (opposite main train station)

14:00-14:05	Welcome	Christoph Brunner General Manager, AEE Intec
14:05-14:20	Presentation of Austrian priorities for Task 65	Daniel Neyer Subtask C leader, IEA SHC Task 65
14:20-14:45	SunBeltChiller development and GIS-tool for global market analysis	Manuel Riepl Group leader, ZAE Bayern
14:45-15:15	LCCBA-Tool – Initial analyzes and evaluations for a case study in Windhoek, Namibia	Daniel Neyer General Manager, Neyer Brainworks GmbH
15:15-15:30	Requirements and adjustments of solar cooling systems for Sunbelt regions	Manuel Ostheimer Wissenschaftliche Mitarbeiter, UIBK
15:30-15:45	Q & A session	Uli Jakob Task Manager, IEA SHC Task 65
15:45-16:00	Pause	
16:00-16:05	Introduction of Task Definition Meeting Solar Cooling for Emerging Economies	Daniel Neyer Subtask C leader, IEA SHC Task 65
16:05-16:30	New Task on Solar Cooling for Emerging Economies Presentation of work plan and annex	Uli Jakob Task Manager, IEA SHC Task 65
16:30-17:30	World Coffee with participants Inputs/feedback on the work plan	Uli Jakob, Daniel Neyer, Manuel Riepl Moderators
17:30-18:00	Q & A session	Uli Jakob / Daniel Neyer IEA SHC Task 65
18:00	End of the Workshop	

Registration by April 3rd, 2024 at daniel@neyer-brainworks.at. After registering, you will receive further information about participating in the Austrian National Workshop by email. Location will be announced later.

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