

# Task 66 “Solar Energy Buildings”

## Meeting No 4 - Agenda

**Agenda Meeting No 4;**  
**Version No 1.0; Date 23/09/22**

**Date/Time:**

September 29, 2022 (Thursday): Start 09:00 CET (UTC +2) Task Meeting (day 1)  
September 30, 2022 (Friday): Start 09:00 CET (UTC +2) Task Meeting (day 2)  
September 29, 2022 (Thursday): Start 14:00 CET (UTC +2) Industry Workshop No 2 ([see separate agenda](#))

**Location:**

University of Kassel, Nora-Platiel- Straße 5, 34127 Kassel, Building WISO B, Room: 0109  
*online participation in the task meeting - **but not in the industry workshop** - is possible, see Web Conference Login below*

How to get to the location: See page 12 to 14

Further information: <https://task66.iea-shc.org/>

**Web Conference Login:**

To join the meeting click on the following link:

<https://unistuttgart.webex.com/unistuttgart/j.php?MTID=m1ef434e091bb65422d8a76aefe42a5fe>

*Note: For participation by phone see access information at the end of this document*

**Registration:**

Please confirm your participation in the task meeting by email at **latest until September 27, 2022** to Claudia Scholl-Haaf:  
[claudia.haaf@igte.uni-stuttgart.de](mailto:claudia.haaf@igte.uni-stuttgart.de)

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Agenda day 1 (Thursday, September 29, 2022)			
Item	Start time	Topic/Content/Responsible	Related documents / comments / details
1	09:00	<b>Welcome by Harald Drück (IGTE)</b> Meeting organization, agenda, goals	
2	09:15	<b>Introduction by Harald Drück (IGTE)</b> <ul style="list-style-type: none"> <li>• General Presentation of Task 66 “Solar Energy Buildings”</li> <li>• Results of previous meetings (M1 to M3) and current status of activities</li> <li>• CETPartnership (Celan Energy Technology Partnership) – an option for Task 66?</li> </ul>	<a href="#">Task Workplan (V2, Dec 20)</a> <a href="#">Task66_Flyer1.pdf</a> <a href="#">Minutes_M1</a> <a href="#">Minutes_M2</a> <a href="#">Minutes_M3</a> <a href="#">CETPartnership</a>
3	09:30	<b>Introduction of Participants</b> <ul style="list-style-type: none"> <li>• Verbal introduction of participants (approx. 2 min per person)</li> </ul>	
4	10:00	<b>General Introduction to subtasks by Harald Drück (IGTE)</b>	

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5	10:15	<p><b>Subtask A: Boundary Conditions, KPIs, Definitions and Dissemination</b> Frank Späte, (OTH-AW, Germany)</p> <p><b>Past Subtask Meetings</b> (between the 3<sup>rd</sup> and 4<sup>rd</sup> Meeting of Task 66)</p> <ul style="list-style-type: none"> <li>One meeting 12/07/22</li> </ul> <p><b>Dissemination</b></p> <ul style="list-style-type: none"> <li>Task brochure/Flyer</li> <li>Task Video</li> <li>Task Poster</li> <li>Industry Workshop No., 1</li> <li>Industry Workshop No., 2</li> </ul> <p><b>KPIs (Key Performance Indicators)</b></p> <ul style="list-style-type: none"> <li>(Final) list of KPIs - Deliverable D.A2</li> </ul> <p><b>Reference Building</b></p> <ul style="list-style-type: none"> <li>Final definition of reference buildings / cases, Deliverable D.A4 <ul style="list-style-type: none"> <li>- Guideline (part 1)</li> <li>- Template (part 2)</li> </ul> </li> </ul> <p><b>Future work</b></p> <ul style="list-style-type: none"> <li>Finalisation of the above mentioned deliverables</li> <li>Dissemination activities</li> <li>Supporting the other Subtasks</li> </ul> <p><b>Planned Subtask Meetings</b></p> <ul style="list-style-type: none"> <li>to be defined</li> </ul>	<p><a href="#">Task66_Flyer1.pdf</a></p> <p><a href="#">Task66_Video1.mp4</a></p> <p><a href="#">Task66_Poster1.pdf</a></p> <p><a href="#">Task66_IndWs1_AG1.pdf</a></p> <p><a href="#">Task66_IndWs2_AG1.pdf</a></p> <p><a href="#">Task66_D.A2_Final list of KPIs_draft1.pdf</a></p> <p><a href="#">Task66A_M3_Nomenclature1.pdf</a></p> <p><a href="#">Task66_D.A4_Final def RefBui_draft1.pdf</a></p> <p><a href="#">Task66_D.A4_Final def RefBui_draft1.xlsx</a></p>
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6	11:00	<b>Break</b>	
9	11:15	<p><b>Subtask B: New and existing single buildings</b> Xinyu Zhang from the China Academy of Building Research, Beijing, China</p> <p><b>Past Subtask Meetings</b> (between the 3<sup>rd</sup> and 4<sup>rd</sup> Meeting of Task 66)</p> <ul style="list-style-type: none"> <li>• M1:18:00-19:00(UTC+8) on Apr 14, 2022;</li> <li>• M2:18:00-19:00(UTC+8) on May 30, 2022;</li> <li>• M3:(working group meeting):14:00-15:00(UTC+8) on Jun 17, 2022;</li> <li>• M4:(participated in SC meeting):16:00-18:00(UTC+8) on Jul, 6, 2022;</li> <li>• M5:(working group meeting):14:00-15:00(UTC+8) on Jul 12, 2022;</li> <li>• M6:(working group meeting):14:00-15:00(UTC+8) on Jul 28, 2022;</li> <li>• M7:(participated in SC meeting):16:00-18:00(UTC+8) on Aug 11, 2022.</li> </ul> <p><b>Topics</b></p> <ul style="list-style-type: none"> <li>• Ongoing activities of the subtask.</li> </ul> <p><b>Future work</b></p> <ul style="list-style-type: none"> <li>• Continue to collect demo cases;</li> <li>• To complete the <i>Summary of Demo Cases</i> document;</li> <li>• Continue to cooperate with SC about <i>modelling and simulation tools</i>.</li> </ul> <p><b>Planned Subtask Meetings</b> - M8:16:00-17:00(UTC+8) on Oct 31, 2022: Comparison between the different modelling and simulation tools</p>	
10	12:00	<p><b>End of day 1”</b> <b>Note: Industry Workshop starts at 14:00 hrs</b></p>	<a href="#">Task66_IndWs2_AG1.pdf</a>

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Agenda day 2 (Friday September 30, 2022)			
Item	Start time	Topic/Content/Responsible	Related documents / comments / details
11	09:00	<b>Intro to day 2 by Harald Drück (IGTE)</b>	
12	09:10	<p><b>Subtask C: New and existing buildings blocks / communities</b> Elsabet Nielsen, Department of Civil Engineering, Technical University of Denmark</p> <p><b>Past Subtask Meetings</b> (between the 3<sup>rd</sup> and 4<sup>rd</sup> Meeting of Task 66)</p> <ul style="list-style-type: none"> <li>to be included</li> </ul> <p><b>Topic</b></p> <ul style="list-style-type: none"> <li>Ongoing activities</li> <li>Guidelines for monitoring and reporting</li> <li>Stakeholders viewpoints</li> </ul> <p><b>Future work</b></p> <ul style="list-style-type: none"> <li>Tools</li> <li>Demonstration systems</li> <li>Stakeholders viewpoints</li> </ul> <p><b>Planned Subtask Meetings</b></p> <ul style="list-style-type: none"> <li>to be defined</li> </ul>	
11	10:15	<b>Break</b>	

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12	10:30	<p><b>Subtask D: Current and future technologies and components</b> Thomas Ramschak, AEE – Institute for Sustainable Technologies, Austria</p> <p><b>Past Subtask Meetings</b> (between the 3<sup>rd</sup> and 4<sup>rd</sup> Meeting of Task 66)</p> <ul style="list-style-type: none"> <li>• 12. April, 2022, 11:00 to 12:00 (virtual)</li> <li>• 23. August, 2022, 09:30-11:00 (virtual)</li> </ul> <p><b>Topics</b></p> <ul style="list-style-type: none"> <li>• Presentation and status of the subtask</li> <li>• Discussion of draft deliverable DD1 “Description of available technology portfolio”</li> <li>• Documentation of Current and future technologies (DemoCases)</li> <li>• Technology Radar</li> <li>• agreement on next steps</li> </ul> <p><b>Future work</b></p> <ul style="list-style-type: none"> <li>• Finalisation of Deliverable</li> <li>• Description of promising future technologies</li> </ul> <p><b>Planned Subtask Meetings</b></p> <ul style="list-style-type: none"> <li>• to be determined</li> </ul>	<p><a href="#">Task66_DD.1_TechPortfolio_V0.1.docx</a></p>
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a13	10:30	<p><b>Organisational aspects (HD)</b></p> <p><b>National participation letters</b> (Status)          Received: Austria, Denmark, Slovakia, China          Missing:-Germany (under preparation), Australia, Portugal, United Kingdom          Template: <a href="http://files.iea-shc.org/public/q8z/task66-participationletter-draft1hd.docx">http://files.iea-shc.org/public/q8z/task66-participationletter-draft1hd.docx</a></p> <p><b>Emailing – Mailing rules</b>          Subject: Task66: abc..xyz – for information relevant for the complete task          Task66X: abc..xyz for information relevant for subtask X (X=A,B,C,D)</p> <p><b>Subtask Meetings:</b>          It was agreed that every Subtaks Leader should invite in addition to his subtak team also the leaders of the other Subtask and the operating agent</p> <p><b>Task emailing list</b>          It was agreed that no official email address for Task 66 is required.          The Task 66 emailing list is managed by the operating agent (HD) and the task manager (CH). If there is something to be distributed to all members and interested parties of Task 66 this should be send to HD and/or CH for distribution</p> <p><b>Subtask emailing list</b>          will be managed by the subtask leaders individually</p> <p><b>Cloud based document processing</b>          will be managed by the subtask leaders individually</p> <p><b>Note:</b> For read (and download) only access, document can be made available <a href="http://www.iea-shc.org">www.iea-shc.org</a>          In case you would like to make documents available via this site, please send them to CH and/or HD</p>	
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		<p><b>Task video, flyer and poster</b> See subtask A</p> <p><b>Template for Deliverables</b> Elaborated by Claudia Scholl-Haaf and Frank Späte</p> <p><b>Promotion via LinkedIn</b> Activity via LinkedIn: information about Industry Workshop No 2 was successfully spread via linkedIN by our participant Ronald van der Ende from Qsilence PVT to more than 700 contacts.</p>	<p><a href="#">Task66_deliverable-template1.docx</a></p>
14		<p><b>Eurosun 2022 – Contributions</b> Conference will take place from Sept. 22 - 29, 2022 in Kassel Germany See: <a href="https://www.eurosun2022.org/">https://www.eurosun2022.org/</a></p> <p><b>(Potential) contributions from Task 66:</b></p> <ul style="list-style-type: none"> <li>➤ Quasi-Dynamic Testing of Thermal Sun-Air-Collectors and Numerical Simulations of a Cold District Heating Network Stefanie Lott et. al., IGTE, University of Stuttgart, Germany</li> <li>➤ Development of a combined model predictive and adaptive control strategy for the operation of a cold district heating network Jens Ulmann e. al., IGTE, University of Stuttgart, Germany</li> <li>➤ Participation potentials for energy active facades in future flexibility markets Thomas Ramschak, AEE INTEC, Gleisdorf, Austria</li> <li>➤ Simulations on SEB (working title), Elsabet Nielsen, DTU</li> </ul>	<p><a href="#">Task66A_Photography-Copyright-Release-Form.docx</a></p>



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15		<p><b>Nice “pictures”</b></p> <p>If you have some to share, please send them to Claudia Scholl-Haaf: (<a href="mailto:claudia.haaf@igte.uni-stuttgart.de">claudia.haaf@igte.uni-stuttgart.de</a>) together with</p> <ul style="list-style-type: none"><li>- the permission to use them (see link to “Task66A_Photography-Copyright-Release-Form”)</li><li>- information what is shown (<i>e.g. solar multifamily house with PV and ST in Berlin, Germany</i>)</li><li>- information how they should be referenced</li></ul>	
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16		<p><b>Summary and next steps (HD)</b></p> <p><b>Next Meetings and Industry Workshops</b></p> <p><b>Meeting No.5:</b> virtual <b>February 6 and 7, 2023</b> start on Feb 6 at 12:00 CET (UTC+1) – <i>with Sub B first</i> start on Feb 7 at 15:30 CET (UTC+1) – after industry workshop</p> <ul style="list-style-type: none"> <li>• <b>Industry Workshop No 3:</b> virtual combined with Task Meeting No 5 <b>Feb 7, 2023</b> at 13:00 CET (UTC+1), duration 2 hours</li> <li>• <b>Meeting No.6: - to be defined</b> physical / virtual when e.g combined with ?</li> <li>• <b>Industry Workshop No 3: - to be defined</b> physical / virtual when e.g combined with ?</li> </ul> <p><b>Any Other Business</b></p>	
17	12:00	<b>End of meeting</b>	

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### Contacts:

#### Task Manager - Contact persons for questions regarding the content:

Dr. Harald Drück

Phone: +49 (0)711-685-63553

Email: [harald.drueck@igte.uni-stuttgart.de](mailto:harald.drueck@igte.uni-stuttgart.de)

#### Task Administrator - Contact person for organizational questions:

Claudia Scholl-Haaf

Phone: +49 (0)711-685-63611

Email: [claudia.haaf@igte.uni-stuttgart.de](mailto:claudia.haaf@igte.uni-stuttgart.de)

### Subtaks Leaders:

#### Contact person for subtask A:

Prof. Frank Späte

Phone: +49 (0)9621-482-3340

Email: [f.spaete@oth-aw.de](mailto:f.spaete@oth-aw.de)

#### Contact person for subtask C:

Elsabet Nomonde Noma Nielsen

Phone: +45 45 25 19 01

Email : [ean@byg.dtu.dk](mailto:ean@byg.dtu.dk)

#### Contact person for subtask B

Dr. Xinyu Zhang

Phone: +8610-64693498

Email: [zxyhit@163.com](mailto:zxyhit@163.com)

#### Contact person for subtask D:

Thomas Ramschak

Phone: +43 (0)3112 5886-225

Email: [t.ramschak@aee.at](mailto:t.ramschak@aee.at)

# Task 66 “Solar Energy Buildings”

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### Venue

The 4. Task 66 Meeting and the 2. Task 66 Industry Workshop will take place on the campus of the University of Kassel, Germany and will be hosted by the Department of Solar and Systems Engineering.

The Venue Address is: University of Kassel

Campus Holländischer Platz, Building WISO B, Room: 0109 (The room is in the ground floor)

Nora-Platiel-Straße 5

34127 Kassel



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### How to get to the meeting site by tram and bus:

To reach the Task 66 meeting site, please travel to the following tram stations:

- "Holländischer Platz - University" using Tram line 1, 5 or Regio-Tram RT1, RT4
- "Am Stern" - Tram lines 3, 4 or 7 (option to change to tram line 1 or 5 or walk the short distance to Holländischer Platz)
- "Katzensprung" – Tram lines 3,6 and 7

[Here](#) you can find the website of the local transportation network VNN.

An overview with all trams and busses can be found and downloaded [here](#).

Please note: It is possible to buy your ticket on the tram (ticket machine) and on the bus (with the driver). Please be prepared to bring cash (preferably coins).

#### **From the „Kassel-Wilhelmshöhe“ station to „Holländischer Platz“:**

From Kassel-Wilhelmshöhe train station, take any tram with direction to the city center. The city is located east of the station (downhill)

Line 1 takes you directly to “Holländischer Platz/Universität”.

Lines 3, 4 or 7 take you to the tram stop "Am Stern". From there, walk about 250 meters north (downhill) to the tram stop "Holländischer Platz/Universität" (both takes approx. 17-19 minutes).

From “Holländischer Platz/Universität”, the EuroSun 2022 conference site (Campus Center, Moritzstraße 18) is about 5 minutes walk (400 meters) away.

#### **From Kassel main Station to „Holländischer Platz“:**

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From Kassel main station ("Kassel Hauptbahnhof") take bus 110 in the direction of Holländer Platz, bus 52 in the direction of Sandershausen or bus 30 and get off at the stop "Holländischer Platz/Universität". Please note that you can buy your ticket from the bus driver in cash only (preferably coins).

### **Hotel recommendation:**

Hotel Novostar Kassel <https://www.novostar.de/kassel/>

or via reservation services such as:

booking.com

HRS – HOTEL RESERVATION SERVICE

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### Participation in the meeting by phone – numbers for dialling in

Meeting-Number (Access code): 2734 322 5786

Meeting Password: JAnFSNym989

<i>from A... to In...</i>		<i>from In... to Un...</i>	
Germany Toll	+49-619-6781-9736	India Toll (Trivandrum)	+91-471-648-0025
Argentina Toll	+54-11-5246-8604	Ireland Toll	+353-153-39982
Australia Toll	+61-2-9338-2216	Ireland Toll 2	+353-1526-0058
Australia Toll (Adelaide)	+61-8-8461-4713	Israel Toll	+972-3-737-0086
Australia Toll (Brisbane)	+61-7-3243-7916	Israel Toll 2	+972-3-376-2907
Australia Toll (Melbourne)	+61-3-8593-9164	Italy Toll	+39-069-974-8087
Australia Toll (Perth)	+61-8-9210-0017	Italy Toll 2	390230410440
Australia Toll 2	+61-2-9037-1692	Japan Toll	+81-34-578-4004
Austria Toll	+437-203-800461	Japan Toll 2	+81-3-4580-8156
Austria Toll 2	+43-720-815221	Latvia Toll	+371-6609-1168
Belgium Toll	+32-262-00867	Lithuania Toll	+370-5214-0718
Belgium Toll 2	+32-2-894-8317	Luxembourg Toll	+352-2730-0072
Brazil Toll	+55-21-2018-2194	Luxembourg Toll 2	+352-2088-1750
Brazil Toll (Sao Paulo)	+55-11-3878-8451	Malaysia Toll	+60-3-2058-5338
Bulgaria Toll	+359-2-935-8689	Malaysia Toll 2	+60-3-9212-6526
Canada Toll	+1-438-239-7109	Malta Toll	+356-2778-0171
Canada Toll 2	+1-416-915-9997	Mexico Toll	+52-55-5091-8083
Chile Toll	+56-22-988-4902	Mexico Toll 2	+52-55-8880-8010
China Hong Kong Toll	+852-307-05072	Netherlands Toll	+31-2072-19842
China Hong Kong Toll 2	+852-5808-1922	Netherlands Toll 2	+31-20-794-7996
Colombia Toll	+57-4-590-5772	New Zealand Toll	+64-9339-0172
Costa Rica Toll	+506-2539-7660	Norway Toll	+47-235-03757
Croatia Toll	+385-1-884-8051	Norway Toll 2	+47-2103-5854
Cyprus Toll	+357-22-232094	Panama Toll	+507-838-8536
Czech Republic Toll	+420-22529-6924	Peru Toll	+511-7063-271

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Czech Republic Toll 2	+420-2-2888-2827	Poland Toll	+48-225-364067
Denmark Toll	+45-351-58864	Poland Toll 2	+48-22-295-3597
Denmark Toll 2	+45-3272-7723	Portugal Toll	+351-21-0608347
Dominican Republic Toll	+1-829-954-8891	Puerto Rico Toll	+1-939-475-1981
El Salvador Toll	+503-21-36-7245	Romania Toll	+40-31-1305-284
Estonia Toll	+372-880-1811	Russia Toll	+7-495-228-4392
Finland Toll	+358-981-710-281	Russia Toll 2	+7-495-221-7144
France Toll	+33-1851-48835	Singapore Toll	+65-670-36945
France Toll 2	+33-1-7091-8646	Singapore Toll 2	+65-3158-1415
Georgia Toll	+995-70-6770-641	Slovakia Toll	+421-2-501-12318
Germany Toll 2	+49-89-95467578	Slovenia Toll	+386-1-888-9016
Greece Toll	+30-21-1990-2394	South Africa Toll	+27-21672-2339
Greece Toll 2	+30-21-1198-1029	South Africa Toll 2	+27-11-019-7059
Hungary Toll	+36-1429-2375	South Korea Toll	+82-26-465-0271
Hungary Toll 2	+36-1-700-8735	South Korea Toll 2	+82-70-7488-5010
India Toll (Bangalore)	+91-80-6480-0113	Spain Toll	+34-91215-8236
India Toll (Chandigarh)	+91-172-648-0025	Spain Toll 2	+34 91 7911283
India Toll (Chennai)	+91-44-6480-0250	Sweden Toll	+46-851-992511
India Toll (Coimbatore)	+91-422-648-0025	Sweden Toll 2	+46-8-5051-3563
India Toll (Delhi)	+91-11-6480-0113	Switzerland Toll	+41-2256-75905
India Toll (Hyderabad)	+91-40-6480-0113	Switzerland Toll 2	+41-43-456-9564
India Toll (Indore)	+91-731-648-0025	Taiwan Toll	+886-2-5594-0836
India Toll (Jaipur)	+91-141-648-0025	Thailand Toll	+66-2028-0501
India Toll (Kochi)	+91-484-648-0025	Turkey Toll	+90-850-390-2282
India Toll (Kolkata)	+91-33-6480-0250	USA Toll 2	+1-631-267-4890
India Toll (Mangalore)	+91-824-648-0025	Ukraine Toll	+380-89-320-2638
India Toll (Mumbai)	+91-22-6480-0113	United Kingdom Toll	+44-20-7660-8149
India Toll (Mysuru)	+91-821-648-0025	United Kingdom Toll 2	+44-20-3478-5289
India Toll (Nagpur)	+91-712-648-0025	United States Toll	+1-650-215-5226