

Agenda

IEA SHC Task 73 PVT Heating Systems

Date/Time/Location: **13.02.2025/ 09:30 / Fraunhofer ENIQ Berlin**

Participants: **Industry, PVT, WP, policy, institutes**

Meeting link: <https://s.fhg.de/task73-kickoff-02-2025-digital>

TOP	Schedule	Topic	Speaker								
1	09:30	Welcome									
30'	10:30	<p>Opening; housekeeping</p> <p>Mission</p> <p>Leadership Team and Round call</p> <p>Meeting rhythm</p> <p>Milestones – Workplan – Deliverables</p> <p>Recent information and highlights: Listing achievements in the subtasks focus</p> <p>Contacts: Who should be added to the distribution list?</p> <p>Picture material: Who has pictures including rights declaration towards the task?</p> <p>Sharing news about: Media presence, Videos, podcasts, articles Gather it on the task homepage</p>	Korbinian Kramer Fraunhofer ISE								
1h	11:30	<p>Subtask A PVT Systems (liquid)</p> <p>Registration of ongoing projects willing to contribute and report into the subtask</p> <p>Discussing the deliverables and the work plan; who is going into the lead? Who is contributing? What can be prepared until the next meeting?</p> <p>Our deliverables:</p> <table style="width: 100%; border: none;"> <tr> <td>A1 Review of existing and new systems</td> <td style="text-align: right;">M 16</td> </tr> <tr> <td>A2 Reporting field test results</td> <td style="text-align: right;">M 16</td> </tr> <tr> <td>A3 KPI in GIS or altera</td> <td style="text-align: right;">M 46</td> </tr> <tr> <td>A4 Subtask Report</td> <td style="text-align: right;">M 48</td> </tr> </table> <p>Intention:</p> <ul style="list-style-type: none"> ➤ Sharing information on PVT applications, collector types and system configurations. ➤ Analyze and document installations and derive the 	A1 Review of existing and new systems	M 16	A2 Reporting field test results	M 16	A3 KPI in GIS or altera	M 46	A4 Subtask Report	M 48	<p>Corry De Keizer TNO</p> <p>Laetitia Brottier DualSun</p>
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		<p>competitive advantages of those.</p> <ul style="list-style-type: none"> ➤ Gather a catalogue of questions and answers market participants experienced. ➤ Share methods how to provide buying decision relevant information. 	
1h	12:30	<p>Subtask B PVT Systems (air)</p> <p>Registration of ongoing projects willing to contribute and report into the subtask</p> <p>Discussing the deliverables and the work plan; who is going into the lead? Who is contributing? What can be prepared until the next meeting?</p> <p>B1 Definition of performance indicators M 21 B2 Testing on stands - procedure and results M 39 B3 Standard test definition - pre normative M 46 B4 Listing of Installation in GIS or altera M 46 B5 Subtask Report M 48</p> <p>Intention:</p> <ul style="list-style-type: none"> ➤ Sharing information on PVT-SAH applications, collector types and system configurations ➤ Analyze and document installations and derive the competitive advantages of those. ➤ Gather a catalogue of questions and answers market participants experienced. ➤ Share methods how to provide buying decision relevant information. 	<p>Isabelle Kosteniuk CanmetENERGY - Ottawa NRCan</p> <p>Qian Wang KTH</p>
1h	13:30 -14:30	lunch	
1h	14:30	<p>Subtask C PVT Awareness and Policy</p> <p>Registration of ongoing projects willing to contribute and report into the subtask</p> <p>Discussing the deliverables and the work plan; who is going into the lead? Who is contributing? What can be prepared until the next meeting?</p> <p>Our deliverables:</p> <p>C1 Infographics from M 10 C2 ChatBot M 29 & M46 C3 Research Radar M 22 C4 System intercomparison data M 41 C5 Non Technical KPI M 21 C6 Subtask Report M 48</p> <p>Intention:</p> <ul style="list-style-type: none"> ➤ Provide KPIs for categories of PVT; like LCoH and LCoE, SPF, COP, GEY, GTY ➤ Summarize and present competitive advantages of PVT categories for the end consumer. ➤ Provide easy calculations for policy makers on CO₂ savings, renewable share, costs, tbd. 	<p>Valérie Séjourné SHE</p> <p>Frank Bruce Naked Energy</p> <p>Doug Smith coolsheet</p>

		<ul style="list-style-type: none"> ➤ Monitor the market development and provide results including start-up scouting 											
1h	15:30	<p>Subtask D PVT Modeling and Monitoring</p> <p>Registration of ongoing projects willing to contribute and report into the subtask</p> <p>Discussing the deliverables and the work plan; who is going into the lead? Who is contributing? What can be prepared until the next meeting?</p> <p>Our deliverables:</p> <table style="width: 100%; border: none;"> <tr> <td>D1 Map and Guide through the models in use</td> <td style="text-align: right;">M 31</td> </tr> <tr> <td>D2 Monitoring guideline and KPIs associated</td> <td style="text-align: right;">M 29</td> </tr> <tr> <td>D3 Basic calculation method for "CO2 Savings"</td> <td style="text-align: right;">M 29</td> </tr> <tr> <td>D4 Guideline for planners: Design, Standardization</td> <td style="text-align: right;">M 36</td> </tr> <tr> <td>D5: Subtask Report</td> <td style="text-align: right;">M 48</td> </tr> </table> <p>Intention:</p> <ul style="list-style-type: none"> ➤ Apply planning tools on standard cases of A and B ➤ Provide Field measurement data in form of the KPIs of Subtask C ➤ Provide method for „CO₂ Savings“ ➤ Map and Guide through the models in use (e.g. Scenocalc, polysun, tsol, trnsys, ...) 	D1 Map and Guide through the models in use	M 31	D2 Monitoring guideline and KPIs associated	M 29	D3 Basic calculation method for "CO2 Savings"	M 29	D4 Guideline for planners: Design, Standardization	M 36	D5: Subtask Report	M 48	<p>María Herrando ITA</p> <p>Raquel Simòn Endef</p> <p>Isabel Guedea Endef</p>
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30´	16:30	<p>De-briefing</p> <p>Launched the Task 73</p> <p>Next Meeting: Saragossa, 21.-23.10.2025, hybrid</p> <p>Expectations and wishes from German ExCo representative</p>	<p>Korbinian Kramer Fraunhofer ISE</p> <p>Kerstin Krüger (tbc) PTJ</p>										