IEA SHC Task 73
PVT Heating Systems

Minutes

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Date/Time/Location: **22.10.2026/ 08:45 / ITA Instituto Tecnológico de Aragón, C/ María de Luna 7-8, 50018, Zaragoza (Spain)**

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

42 participants (18 in person/ 24 online)

Shared presentations are to be found in the MS Teams Channel.

TOP	Schedule	Topic	
1	**08:45**	**Registration and Welcome**	
2	9:00-9:30	Opening: Welcome at ITA and Housekeeping Mission Leadership Team and Round call Meeting rhythm Milestones – Workplan – Deliverables Recent information and highlights: Listing achievements in the subtasks focus Picture material: Who has pictures including rights declaration towards the task? Sharing news about: Media presence, Videos, podcasts, articles Gather it on the task homepage	María Herrando ITA Korbinian Kramer Fraunhofer ISE
3	9:30-10:45	Subtask A **PVT Systems (liquid)** Registration of ongoing projects willing to contribute and report into the subtask **Introduction of Christoph Rohringer AEE INTEC (5min)** **Presentation of cases (10 min:)** ➢ **Andreas Siegemund, Consolar (online)** ➢ **Sebastian Helmling/Korbinian Kramer Fraunhofer ISE** ➢ **Alejandro del Amo Sancho, Abora** ➢ **Nikola Pokorny, CVUT** ➢ **Bahman, Ener** ➢ **Laetitia Brottier, Dualsun** ➢ **Francisco Beltran Vasquez Varela, KTH (online)** Discussing the deliverables and the work plan, who is going to lead? Who is contributing?	Corry De Keizer TNO Laetitia Brottier DualSun

		What can be prepared until the next meeting? Our deliverables: 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 Intention: ➢ Sharing information on PVT 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.	
	10:45-11:00	**Coffee Break**	
4	11:00 – 11:15	Subtask A **PVT Systems (liquid)** Wrap up	
5	11:15-12:30	Subtask C **PVT Awareness and Policy** Registration of ongoing projects willing to contribute and report into the subtask **Presentation of cases:** **Ivan Acosta, Solar Nexus as nucleus for the research radar 10min** Discussing the deliverables and the work plan; who is going to lead? Who is contributing? What can be prepared until the next meeting? Our deliverables: 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 Intention: ➢ 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 CO_2 savings, renewable share, costs, tbd. ➢ Monitor the market development and provide results including start-up scouting	Valérie Séjourné SHE Frank Bruce Naked Energy Doug Smith coolsheet
6	12:30-12:45	Subtask C **PVT Awareness and Policy** Wrap up	
	12:45 – 13:45	**Lunch**	
7	13:45-15:15	Subtask B **PVT Systems (air)** Registration of ongoing projects willing to contribute and report on the subtask	Isabelle Kosteniuk CanmetENERGY - Ottawa NRCan

		Presentation of ➢ **Glen Ryan, Sunovate** ➢ **Andreas Wagner, KIT** ➢ **Anna Maria Sigounis, Concordia University** ➢ **Veronique Delisle, CanmetEnergy-Varennes** Discussing the deliverables and the work plan; who is going to the lead? Who is contributing? What can be prepared until the next meeting? 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 Intention: ➢ 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.	Qian Wang KTH
8	15:15-15:30	Subtask **B PVT Systems (air)** Wrap up	
9	15:30 - 16:45	Subtask D **PVT Modelling and Monitoring** Registration of ongoing projects willing to contribute and report on the subtask **Presentation of cases:** ➢ **Adriana Coca [URV]** ➢ **Elsabet Nomonde [DTU]** ➢ **Mirco Hißler [HTW Saar]** ➢ **Steve Harrison [QUEENSU]** **Working session for D1 Map and Guide through the models in use, and D2 Monitoring guideline and KPIs associated: proposal of contents from subtask leaders and discussion of contributions from participants** **Discussion about how to „model" the statistical installed capacity of PVT** What can be prepared until the next meeting? Our deliverables: D1 Educational material M 16 D2 Workshops M10, M21, M46 D3 Monitoring guideline and KPIs associated M 29 D4 Basic calculation method for "CO2 Savings" M 29 D5 Planning tool M24, M36, M46	María Herrando ITA Raquel Simòn Endef

		Intention: ➢ Apply planning tools on standard cases of A and B ➢ Provide Field measurement data in form of the KPIs of Subtask C ➢ Provide a method for „CO_2 Savings“ ➢ Map and Guide through the models in use (e.g. Scenocalc, polysun, tsol, trnsys, …)	
10	16:45 -17:00	Subtask D **PVT Modelling and Monitoring** Wrap up	
11	17:00-17:15	Next Meeting and Farewell Graz 13.-14.04, Austria Freiburg between 9th-22nd of September, Germany	Korbinian Kramer ISE