

PVT systems		IEA SHC Task Proposal	News 15
<i>Proposed Project Title</i>	Application of PVT collectors and new solutions in HVAC systems		
Date	November 10th, 2017		

2nd Task definition meeting in Abu Dhabi

Oct. 30th 6 – 8 pm

Outcome

IEA SHC Task definition meeting for a future Task on PVT systems

1. Thanks to all who attended the Meeting B of our Task définition phase, meeting lead by Korbinian Kramer, Subtask B leader, that I gratefully thanks to have taken the lead over in my absence.
2. There has been new fellows interested in our PVT task, they are now on the mailing list.
3. Those from countries **NOT** in the IEA SHC programme at present (for a list, please have a look at : www.iea-shc.org) should be aware that they cannot participate for the whole Task unless their country is entitled by the SHC EXCO to do so. You should contact your energy ministry to see what intentions your country has, regarding a possible participation in the IEA SHC Programme.
4. Discussion 1 : Subtasks leadership

We have 4 subtasks and adding a 5th one is not recommended since it breaks the consistency we have at present (in situ, lab, models, assesment and communication) and it is more work to coordinate for little or no added value.

The current allocation could be, following the expression of interests we have seen:

Subtask A : T. Ramschak, AEE Intec, A

Subtask B new name performance characterization : K. Kramer, ISE, D
Subtask C : A. Sanz, Tecnalia, SP
Subtask D new name Design examples and dissemination and market support : A. Haeberle, SPF, CH

Gord, Qatar expressed his interest in taking responsibilities in Subtask A. We will discuss in Subtask A and in Subtask D how this expression can be focused on special activities that will enhance the number of cases we follow and our visibility for PVT solutions especially in the Gulf regions and in the world.

5. Discussion 2 : collector models and system models in the same subtask C
It is more efficient in my views to have the models of collectors (not the theory of them necessarily) incorporated into the system modelling since it is a component of the systems such as the storage, the batteries, etc... Also to be observed that the collector modeling will be addressed in Subtask B too and can be lead in Subtask B if it appears it is more efficient. No need for another Subtask.
6. Discussion 3 : Control strategies in Subtask C also
Of course control strategies are part of the simulation processes. Subtask D will address the comparison of different control strategies at the theoretical level to give Subtask C inputs, and in return of the simulations, assess the results obtained in Subtask C to better communicate to the external world the best solutions.
7. Discussion 4 : Subtask C will indeed give boundary conditions for simulations (like load and meteorological data).
It should deliver by mid Task term so that all participants can simulate their case with the agreed set of parameters or boundaries in order to have comparable results.

I agree and will change the milestones as needed.
8. Discussion 5 : Access to potential customers of PVT solutions to reflect their needs

I agree Subtask D should make a Survey on the topics in Europe and in the Gulf with Gord.
9. Next meetings over the 3 years
Still Meeting 1: May 16-17-18, 2018 in Freiburg, Germany
Meeting 2 : tbd, Spain ?
Meeting 3 : tbd, Austria ?
Meeting 4 : tbd, France ?
Meeting 5 : tbd Qatar ?
Meeting 6 : Switzerland ?

10. Follow up :

I will add those points in the documents and deliver the final version of them next week in preparation of the next Exco meeting coming end of November.

SHC 2017 conference papers

We are pleased to see that there has been a PVT system session.

PVT session is here :

<https://swc2017.pse.de/presentations/time>

JC Hadorn, OA