

Subtask B - Workshop at 15th Task 39 Experts Meeting

March 14, 2013

Hotel Marina Luz, Meeting room: Sala Verde

Maestro Ekitai Ahn, 40, 07610 Palma, Mallorca, Balearic Islands, Spain

The goal of the workshop is the definition of altogether 3 different solar thermal systems mainly made from polymeric material:

1. Standard domestic hot water system, collector area approx 5 m², storage volume approx. 300 liter.
2. "Cheap" thermosiphon system for "sunny" countries
3. Solar thermal system with the possibility for easy modular up-scaling of storage volume and collector area

During the workshop we will establish 3 groups working on the 3 systems. The outcome of the workshop should be a list of components that are already available on the market, for each of the three concepts. In addition we would like to develop a plan how to set up at least one of the systems as demonstrator for the SHC conference 2013 in September this year in Freiburg.

In order to achieve these ambitious goals I we would like you to contribute with the following input:

1. The system you want to work on;
2. Components (e.g. collectors, stores, piping, heat exchangers, pumps, controllers, etc.) which are made of (mostly) polymeric materials and are available on the market. Please make a list with corresponding links or send information as pdf files. For inspiration have a look at the attached state-of-the-art report listing products we are already aware of.
3. List of peoples/companies with expertise in the field of polymeric components which we could invite in addition to attend the workshop and the meeting. We are especially in need of people with expertise in the field of plumbing and system installation using polymeric material.

Please be aware that we will only be successful with this if all of us contribute to this workshop.

Stephan Fischer
Leader Subtask B

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