

Our solar cooling work will continue! In June, the Executive Committee approved the development phase for a new Task on Solar Cooling for Emerging Economies. This new work will build on five earlier SHC Tasks, particularly our current Task, Solar Cooling for the Sunbelt Regions. This new Task is focused on three areas, solar cooling for industrial applications, thermal energy storage, and industrial waste heat recovery. Its aim is to demonstrate the potential for sustainable and efficient heating/cooling solutions as a systems approach in Southeast Asia, the Pacific region, Africa and South America.

The scope will be small to large-scale commercial and industrial applications for agri-food, manufacturing, and tourism. Three main areas that will be addressed are:

- Subtask A: Adaption components level
- Subtask B: Application and system level
- Subtask C: Business level
- Subtask D: Stakeholder, dissemination and communication

Interested in getting in on the ground floor to help define this project? Then now is the time to contact the Task Organizer, Dr. Uli Jakob, uli.jakob@drjakobenergyresearch.de. The success of the Task will depend on the work of a group of experts with diverse skill sets – solar technology (heat and electricity), sorption technology (chiller, heat pump, hybrid, and storage), conventional cooling and air-conditioning technology (especially on natural refrigerants), heat pumps, storage, heating and cooling integration, testing methods and standardization, RES financing structure, business models and subsidy structures, and marketing and business development.

Harnessing the power of solar energy, this collaborative project will demonstrate the potential of cooling solutions as a system approach for commercial and industrial applications.

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Task Organizer