



Search

- Home
- Key Pillars
- Market Sectors
- News & Events
- Most Popular
- Wish List

Filter [Search](#) | [UN GEF](#)

Filter

Narrow by: Region

- Africa (34)
- Asia (71)
- Europe (243)
- Latin Americas (22)
- Malta (1)
- North Americas (54)
- Oceania (20)
- Worldwide (6)

Narrow by: Key Pillars

- Awareness Raising (26)
- Certification (7)
- Finance and Incentives (56)
- Policy (53)
- Standards (10)
- Training and Education (21)

Narrow by: Market Sectors

- District Heating (19)
- Domestic Hot Water and Heating (44)
- Heat Storage (6)
- Pool Heating (6)
- Process Heat (18)
- Solar Cooling (9)
- Solar Thermal Power (10)
- Water Treatment/Desalination (5)

Narrow by: News

- News (49)
- Product News (13)
- Industry News (14)
- Technology Trends (5)

Search dedicated Solar Thermal Websites with:

- Recently Posted

User login

Username: *

Password: *

- [Create new account](#)
- [Request new password](#)

Who's online

There are currently 0 users and 53 guests online.

Home

Solar Cooling: The Time is Ripe for Small-Scale Devices

Submitted by [Baerbel Epp](#) on Sat, 10/25/2008 - 12:28.



PSC10 Photo: Solarnext

Heat from the sun can be used to cool buildings. Today, solar-assisted cooling is most promising for large buildings with central air-conditioning systems. However, the growing demand for air-conditioned homes and small office buildings is opening new sectors for this technology. The EU-funded project "Solar Combi+" aims to support the market introduction of solar thermal systems for heating support and domestic hot water production.

Producers and suppliers of thermal-driven chillers with a capacity of up to 20 kW from four different countries are taking part in the project —among them Climatewell AB from Sweden, Rotartica S.A. from Spain, Solution Solartechnik GmbH from Austria, as well as SK Sonnenklima GmbH and Sortech AG from Germany. Running until February 2010, the consortium will start an extensive training and dissemination phase in the coming months, as the concept of small-scale combined solar heating and cooling is not yet well known by traditional solar thermal installers, planners, architects or potential clients.

"Now it is the right moment to support the market entry of Solar Combi+ with reliable dimensioning and a comprehensive analysis of promising applications", says project coordinator Alexandra Troi from the Italian institution EURAC Research. "In this way the spread of Solar Combi+ can go hand in hand with the building up of important solar thermal markets in Spain, France and Italy, for example."

Besides the four manufacturers of small-scale chillers participating in the project Solar Combi+, there are a couple of other manufacturers covering the market segment up to 20 kW of chiller capacity ([table for download](#))

More information: www.solarcombiplus.eu

Companies:

Climatewell AB: www.climatewell.com

Rotartica S.A.: www.rotartica.com

SK Sonnenklima GmbH: www.sonnenklima.de

Solution Solartechnik GmbH: www.sol-ution.com

Sortech AG: www.sortech.de

SolarNext: www.solarnext.eu

This text was written by Joachim Berner, a German journalist and solar thermal expert

- [Austria chiller](#)
[China Climatewell](#)
[EAW EURAC Research](#)
[Germany Invensor](#)
[Italy Japan News Rotartica](#)
[SJTU SK Sonnenklima](#)
[small-scale solar cooling](#)
[Solar combi+](#)
[Solar Cooling Solarnext](#)
[Solution Solartechnik](#)
[Sortech Spain Sweden Yazaki](#)
[Technology Trends](#)
- [Add new comment](#)
[Small scale chiller overview.pdf](#)

Solar cooling system at Bachler Austria: 40 m² of flat-plate collectors drive an absorption chiller of the type Chillii



Latest News

Directory

Wish List

25-26 May 2009
Munich, Germany

PREVIEW

inter solar 2009

May 27-29, 2009
New Munich Trade Fair Centre, Germany

Sign Up to Solarthermalworld.org Newsletter

Click here

Popular content

- Today's:
- [Solar Cooling Kits for Europe](#)
 - [Confident newcomers in the U.S.](#)
 - [Energy Directive adopted by European Parliament](#)
 - [ENVIRONMENT 2009 / World Future Energy Summit, Abu Dhabi](#)
 - [India: Vacuum Tube Collector on the Balcony](#)

Sponsors



Discussion Forums

- [Solar Cooling](#)

