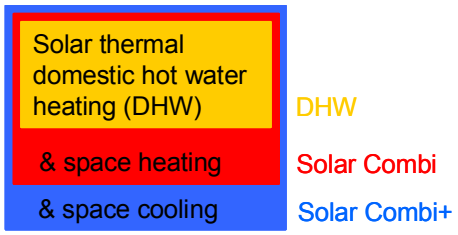
SolarCombi+

The EU project SolarCombi+ serves for identification of the most promising markets and the promotion of standardised system configurations for the market entry of small scale combined solar heating & cooling applications.



The idea

SolarCombi+ is implemented to achieve a better market for small scale solar cooling systems in combination with traditional solar thermal systems for domestic hot water and space heating (solar combisystem + cooling = Solar Combi+).

reduce the design effort for single applications considerably. This will stand as base for the development of package solutions by the participating industry partners.

Simulations

Virtual case scenarios will be elaborated in order to identify attractive areas of applications. Promising system configurations for typical situations will be simulated and evaluated based on the market analysis.

analysis presented in an online tool as well as the demonstration of pilot installations in public buildings are main outcomes of the SolarCombi+ project.

Target groups

Producers of small scale sorption chillers, solar thermal enterprises, professional groups as traditional small scale solar thermal installers, policy makers, potential customers and also HVAC planners, architects and engineers are target groups of the project.

European solar cooling market

Commercially available small scale sorption chillers with cooling capacity up to 20 kW will be identified and promoted within the framework of the project. The systems will be standardised in system configurations and the promotion of these will

Objectives and outcomes

Elaborated pre-designed systems as standard system configuration based on market

SolarCombi+ Partners:

AEE INTEC, tecsol, KAπE CRES, ISE, Fraunhofer Institut Solare Energiesysteme, EURAC research, ikerlan ik4 research alliance

Project coordinator:
EURAC
Viale Druso/Drususallee 1
I-39100 Bolzano/Bozen
ph: +39 0471 055332
f: +39 0471 055339
w: www.eurac.edu
e: alexandra.troi@eurac.edu

Industry partners:

SONNENKLIMA suninverse, rotartica, SOLution Solartechnik GmbH, SorTech AG, ClimateWell

Project homepage:
www.solarcombiplus.eu

Intelligent Energy Europe