

## Ask your national contact about SolarCombi+

### Austria:

AEE INTEC ([www.aee-intec.at](http://www.aee-intec.at))

### France:

Tecsol ([www.tecsol.fr](http://www.tecsol.fr))

### Germany:

Fraunhofer ISE ([www.ise.fraunhofer.de](http://www.ise.fraunhofer.de))

### Greece:

CRES ([www.cres.gr](http://www.cres.gr))

### Italy:

EURAC ([www.eurac.edu](http://www.eurac.edu))

University of Bergamo ([www.unibg.it](http://www.unibg.it))

### Spain:

Ikerlan ([www.ikerlan.es](http://www.ikerlan.es))

### Industry partners:

CLIMATEWELL ([www.climatewell.com](http://www.climatewell.com))

Rotartica ([www.rotartica.com](http://www.rotartica.com))

SK Sonnenklima ([www.sonnenklima.de](http://www.sonnenklima.de))

SOLution ([www.sol-ution.com](http://www.sol-ution.com))

SorTech ([www.sortech.de](http://www.sortech.de))

### Further information:

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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.



Solar thermal domestic hot water heating (DHW)	DHW
& space heating	Solar Combi
& space cooling	Solar Combi+



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## The idea

The EU project 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 = SolarCombi+).



= **solar combisystem** + **solar cooling**

## 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 configuration and the promotion of this will reduce the design effort for single applications considerably. This will stand as base for the development of package solutions by the participating industry partners. The project includes a market investigation, where most promising markets are identified, which can trigger the application of technology and initiate the economics of large scale production.

## 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.



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## Dissemination

Further actions within SolarCombi+ are tailored dissemination activities, including training of solar thermal installers, targeted presentations to professionals, information to the public in most promising regions as well as advice to policy makers and promotion of pilot plant installations to public authorities.

Installers, planners and architects will be offered workshops in the framework of SolarCombi+ to disseminate the best possible and correct application of the technology.

## Objectives

The new standardised small scale solar heating and cooling packages will open the market to small applications, which make up for the major part of heating and a constantly growing part of cooling demand in Europe. Thus, accelerating and smoothing the market entry of small scale SolarCombi+ systems, the project will contribute considerably to achieve important energy policy goals of the EU; in particular relating to the share of renewable energy sources and the security of energy supply in Europe.

## 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.



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