

RP1002

CONCENTRATED SOLAR THERMAL SYSTEMS AND ABSORPTION HVAC SYSTEMS

Snapshot

This project aims to produce a data set underpinning the technologies merit for integration with buildings and will reduce operational and financial uncertainties associated with solar thermal heating and cooling in Australia, thereby providing a pathway to greater utilization of this technology.

Outcome

This project will help develop tools and demonstrate how solar absorption cooling technology can be incorporated into a low carbon building design. It will also provide additional real-world performance data for these systems to be used by industry and building owners to make decisions on solar products. Additionally, experiments will be conducted at CSIRO to determine the feasibility of next generation solar absorption cooling systems.

Integrated Building Systems

1. Harnessing the Australian sun

Project Leader

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Partners

UNSW; CSIRO

PROJECT START DATE: MAR-13

PROJECT DURATION: 3 YEARS

