SOLAR HEATING & COOLING PROGRAMME
INTERNATIONAL ENERGY AGENCY

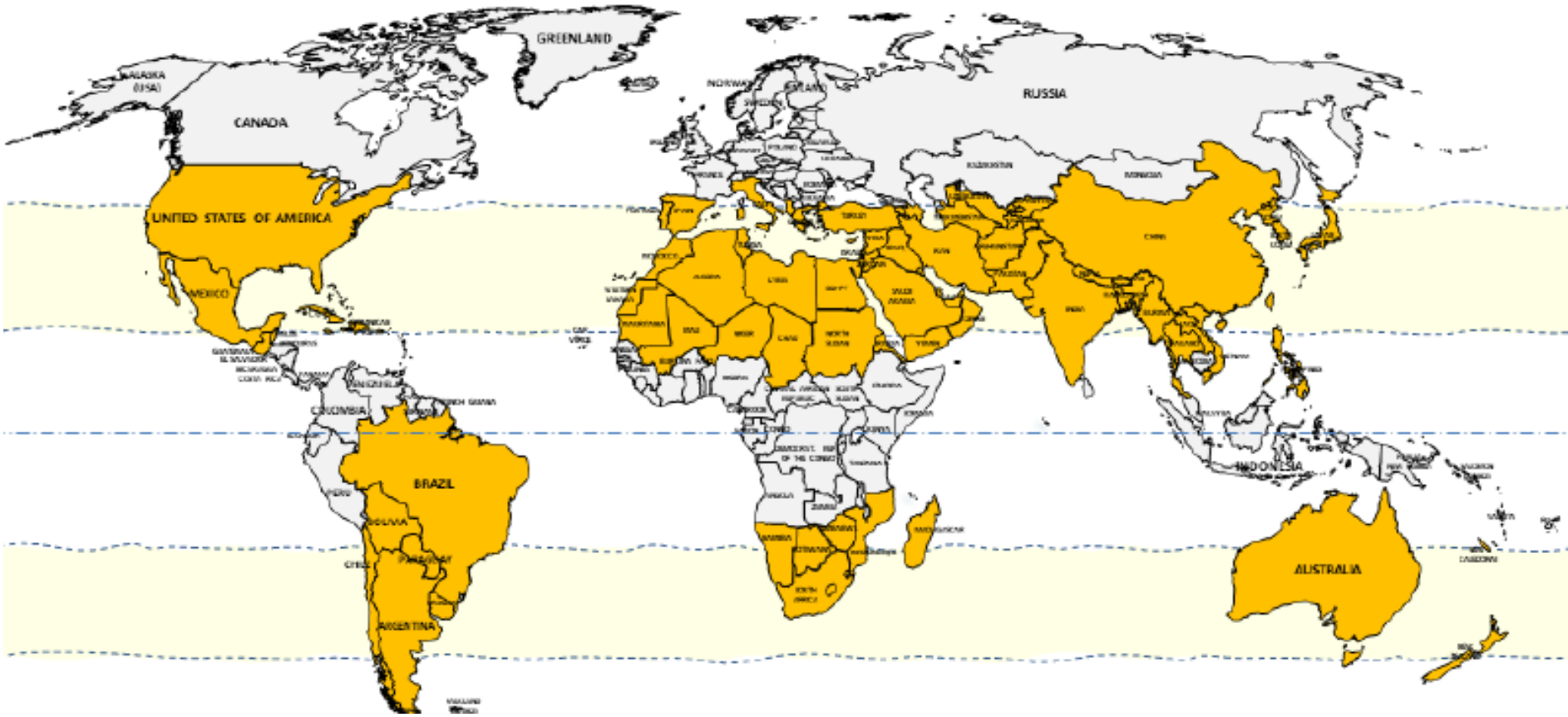
SOLARCOOLING® SUNBELT REGIONS TASK65

Solar Cooling for the Sunbelt Regions

Call for collaboration

Puneet Saini
Absolicon solar AB
Subtask B Task 65

Sunbelt regions

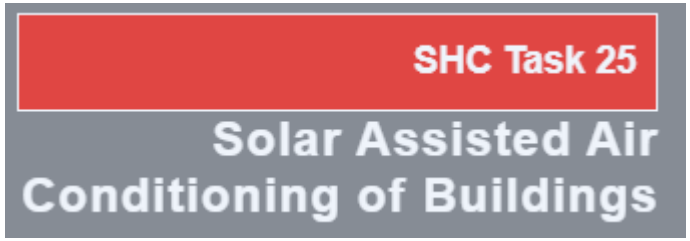


SHC
SOLAR HEATING & COOLING PROGRAMME
INTERNATIONAL ENERGY AGENCY

IEA SHC Task 65 : Scope

Scope

- Build on previous tasks 25, 38, 48 and 53
- T**arget size segment** on cooling and air conditioning between small scale (2 kW) to large scale (5 MW).
- Task duration: July 2020 – June 2024



1999-2004

2006-2010

Task 48

2011-2015

Task 53

2014-2018

IEA SHC Task 65 : Objectives

Objective

- Focus on innovations for **affordable, safe and reliable solar cooling systems for the sunbelt regions worldwide**

• The innovation driver and the **keyword is adaptation** of existing concepts/technologies to the sunbelt regions using solar energy either solar thermal (ST) or solar PV

- Working with new concepts and, and cooling integration schemes to get high share of cooling with minimal footprint

IEA SHC Task 65 : Subtask Structure

Subtask A: Adaptation
lead country: Italy
subtask leader: Dr. Salvatore Vasta, CNR-ITAE

Subtask B: Demonstration
lead country: USA
subtask leader: Wolfgang Weiss, ergSol Inc. (Limited Sponsor)

Subtask C: Assessment and Tools
lead country: Austria
subtask leader: Dr. Daniel Neyer, Neyer Brainworks

Subtask D: Dissemination
lead country: Germany
subtask leader: Prof. Dr. Paul Kohlenbach, Beuth University of Applied Sciences Berlin

Subtask B and your participation

Aim: Collection of design, and system integration guidelines for solar cooling projects

Key focus

- Hybrid cooling system (Solar thermal + HP + PV/PVT + boiler etc.)
- Systems with higher solar fractions
- Standard modular packages for solar cooling solutions.

If you have any solar cooling project data to share for activity B2, please contact

Puneet@absolicon.com

Task website https://task65.iea-shc.org/

IEA SHC is fully ready to welcome you inside Task 65..

Contact : OPERATING AGENT - Prof. Dr. Uli Jakob
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www.iea-shc.org