

Das Solar Heating and Cooling Programm der Internationalen Energieagentur



IEA FORSCHUNGS
KOOPERATION



Bundesministerium für Verkehr, Innovation und Technologie

IEA SHC – 22 Member Countries + EC



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IEA SHC – Organization Members

RCREEE

Regional Center for Renewable Energy and Energy Efficiency
المركز الإقليمي للطاقة المتجددة وفعالية الطاقة



GORD

المنطقة الخضراء للبحرين
Gulf Organisation for Research & Development



**European
Copper Institute**
Copper Alliance



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IEA SHC – Current Tasks



**7 Tasks (research projects)
300 researchers and experts**

4 Tasks on solar thermal components and systems

2 Tasks on solar thermal integration into urban energy systems

1 Task on Solar Resource Assessment and Forecasting



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IEA SHC – Current Tasks



Task 46 – Solar Resource Assessment and Forecasting

Task 51 - Solar Energy in Urban Planning

Task 52 - Solar Heat and Energy Economics in Urban Environments

Task 53 – New Generation of Cooling and Heating Systems

Task 54 – Price Reduction of Solar Thermal Systems

**Task 56 – Building Integrated Solar Envelope Systems for HVAC
and Lighting**

Task 57 - Solar Standards and Certification



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IEA SHC – Österreichische Beteiligungen

**27 österreichische ExpertInnen arbeiten derzeit an den 7 Tasks
(Projekten) mit**

4 Universitäten (JKU, TUG, TUW, UIBK),

2 Fachhochschulen (FH Wels, FH Salzburg)

**3 ausseruniversitäre Forschungseinrichtungen (AEE INTEC, AIT,
ASIC)**

**6 Unternehmen (SOLID, GREENoneTEC, Blue Sky Wetteranalysen,
Bartenbach, BauX und Sunlumo)**

Damit ist Österreich nach wie vor gemeinsam mit Deutschland das
aktivste Land im Solar Heating and Cooling Programm.



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IEA SHC – Tasks in the definition phase



Task 55 – Towards the Integration of Large SHC Systems into DHC Networks

Operating Agent: Sabine Putz, SOLID

Task xx - Material and Component Development for Thermal Energy Storages

Operating Agent: Wim van Helden, AEE INTEC



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SHC Website

The screenshot shows the homepage of the IEA SHC website. At the top, there's a navigation bar with links like "Vita & News", "About IEA SHC Programme", "Solar Heating & Cooling", "Country Information", "Industry Collaboration", "Task & Working Groups", "Publications", "Newsletter", "Calendar of Events", "Other Projects Data", "EU-Cool", "Search", and "Home". Below the navigation, there's a "Welcome" section with a brief introduction to the programme. To the right, there's a large image of a solar panel array. Further down, there are two news articles: one about the Solar Heating & Cooling Programme and another about the IEA SHC Newsletter. At the bottom, there's a section for "Solar Heating & Cooling 2010 Final Report" and a link to "IEA SHC Executive Committee".

www.iea-shc.org



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NAWI Website

<https://nachhaltigwirtschaften.at/de/iea/technologieprogramme/shc/>

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Publications

Solar Heat Worldwide

Solar Update

Annual Report

Task Reports

bmvit

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Danke für die Aufmerksamkeit!

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