

Final report

1. Project details

Project title	IEA SHC Alternate 2024-2025
File no.	134234-512101
Name of the funding scheme	EUDP
Project managing company / institution	PlanEnergi
CVR number (central business register)	74038212
Project partners	PlanEnergi
Submission date	31/12/2025

2. Summary

Describe the objectives of the project, the obtained results and how they will be utilized in the future, both in English and in Danish. The summary will be published on www.eudp.dk/projektgalleri and <http://www.energiteknologi.dk/>.

Project summary:

The purpose of the project

The purpose of the project is to ensure Danish participation in IEA SHC ExCo meetings as well as the collection and dissemination of relevant knowledge from these meetings and other sources – to the Danish Energy Agency and to other relevant stakeholders.

IEA SHC website: www.iea-shc.org

Results, conclusions and perspective

The project has enabled the dissemination of Danish experiences in solar heating to the IEA SHC community incl. the IEA's Executive Committee (ExCo) for the Technology Collaboration Platform (TCP) for solar heating and cooling (IEA SHC) as well as other relevant stakeholders such as the Solar Heat Europe (solarheat-europe.eu).

In connection to the Danish participation in IEA SHC Tasks, there has been sparring with Danish stakeholders incl. assistance in relation to future project participation options.

Results from the project:

- Ensuring fulfilment of Denmark's responsibility as a member state to participate actively in the ExCo cooperation, incl. the ExCo meetings.
- Input to the adjustment of the future TCP scope in relation to content, topics, structure and strategy for the IEA SHC.
- Input to topics Denmark prefer to focus on and contributing to regarding the newly established working groups dedicated to specific topics such as large-scale solar heating plants, in which Denmark has a special position due to the range of experiences.
- Continuous monitoring of trends related to the potentials for solar heating & cooling technologies also in other countries.
- Experiences from Denmark shared as input to the work of Solar Heat Europe – e.g. in relation to input to the European *Strategic Energy Technology Plan*.

Projekteresumé:

Formålet med projektet

Det er projektets formål at sikre dansk deltagelse i og afrapportering fra IEA SHC ExCo møder samt indhentning og formidling af anden relevant viden inden for området – bl.a. som sparring med relevante aktører.

Hjemmeside for IEA SHC: www.iea-shc.org

Resultater, konklusioner og perspektiv

Projektet har muliggjort formidling af danske forsknings- og udviklingsaktiviteter inden for solvarme- og køling til IEA SHC inkl. eksekutivkomitéen (ExCo) for den Technology Collaboration Platform (TCP), der hører til solvarme og -køling (IEA SHC) samt til øvrige relevante aktører såsom den europæiske solvarmeorganisation Solar Heat Europe (solarheateurope.eu).

I forbindelse med mulig dansk deltagelse i kommende IEA SHC Tasks har der været sparring med danske aktører som assistance ift. fremadrettet projektdeltagelse.

Projektet har sikret

- opfyldelse af Danmarks bundne opgave som medlemsland at deltage aktivt i ExCo-samarbejdet inkl. ExCo-møderne
- tilpasning af TCP'en fremadrettet dvs. input ift. indhold, emner, struktur og strategi for IEA SHC fremadrettet
- input til hvilke emner man fra dansk side ønsker at fokusere på og bidrage til ifm. de nyoprettede arbejdsgrupper dedikeret til specifikke fokusemner såsom storskala-solvarmeanlæg som Danmark har en særlig position indenfor
- indhentning af viden vedr. potentialer for solvarme- og solkølingsteknologier også i andre lande
- at erfaringer og input fra Danmark er givet som bidrag til Solar Heat Europe – bl.a. ifm. input til den europæiske *Strategic Energy Technology Plan*.

3. Project objectives

IEA Solar Heating & Cooling is established in 1977 and is one of the first programmes of the International Energy Agency, to promote the use of all aspects of solar thermal energy. The ExCo includes one representative from each member country and sponsor organisation. Denmark has been a member of the IEA SHC since the beginning.

The project objective is to enable participation as alternate for the Danish Energy Agency (Energistyrelsen, or "ENS") during the years 2024 and 2025 where needed – and in collaboration with ENS – and to exchange experiences regarding solar thermal systems with both ENS and other stakeholders.

4. Project implementation

The project meeting participation was completed. Less travel costs have been spent due to the limited distance between Denmark and the selected meeting locations for the physical meetings (Oslo and Berlin) besides the decision of having more meetings online.

5. Project results

The objective was fulfilled through the participation of the ExCo meetings agreed with ENS as well as direct communication with ENS and other stakeholders.

- 95th ExCo Meeting in Oslo, Norway June 5-6, 2024 with physical presence and online participation in SHC Strategy workshop to review the scope of the TCP June 4.
- 96th ExCo Meeting in Berlin, Germany November 6-7 2024 with physical presence.
- 97th ExCo Meeting in Bratislava, Slovakia June 4-5 2025 (agreed ENS participation online).
- 98th ExCo Meeting online November 18-20, 2025.

6. Utilisation of project results

Related to Danish participation in future IEA SHC Tasks, there has been assistance to Danish stakeholders in relation to future project participation options.

Dissemination was done to various stakeholders related to the status and experiences from Danish solar thermal solutions incl. the statistics of the solar district heating systems. Besides this, Danish know-how has been shared as input to the work of Solar Heat Europe both in direct meetings, as input for a webinar and as input in relation to the European *Strategic Energy Technology Plan*.

7. Project conclusion and perspective

The project has ensured the fulfilment of Denmark's responsibility as a member state to participate actively in the ExCo cooperation, incl. the ExCo meetings, and enabled the dissemination of Danish experiences within solar heating to the IEA SHC network as well as to other relevant stakeholders such as the Solar Heat Europe (solarheateurope.eu) in relation to their input to the European *Strategic Energy Technology Plan*.

In preparation for the newly established working groups dedicated to specific topics such as large-scale solar heating plants, Denmark has positioned itself to enable direct impact on the scope and topics of future Tasks in relation to the experiences within large-scale systems as member of the relevant Collaboration Group. This will kick-off in 2026.

8. Appendices

Minutes/other documents of 95th, 96th, 97th and of 98th IEA SHC ExCo meetings are available from the IEA SHC website "Member Area" <https://iea-shc.org>.