

# Final report

## 1. Project details

<b>Project title</b>	Alternate IEA SHC
<b>File no.</b>	64019-0578
<b>Name of the funding scheme</b>	EUDP
<b>Project managing company / institution</b>	PlanEnergi Contact person: Jan Erik Nielsen, <a href="mailto:jen@planenergi.dk">jen@planenergi.dk</a>
<b>CVR number</b> (central business register)	74038212
<b>Project partners</b>	-
<b>Submission date</b>	02 December 2020

## 2. Summary

### English:

- Jan Erik Nielsen has for the last 10 years participated in IEA SHC ExCo meetings as a Danish "Alternate" and he has also been Operating Agent for Task 43 and Task 45 (he is now the subtask leader in Task 55). The project did allow Jan Erik Nielsen to participate in the 2020 ExCo meetings as a sparring partner for the representative from Danish Energy Agency.

Notes: IEA SHC: IEA Solar Heating & Cooling is an IEA Technology Collaboration Programme established in 1977, one of the first programmes of the International Energy Agency, to promote the use of all aspects of solar thermal energy. ExCo is the Executive Committee composed of one representative from each Member country and Sponsor organization

### Danish:

- Jan Erik Nielsen har gennem de sidste 10 år deltaget i IEA SHC ExCo møder som dansk "Alternate" og desuden har han været Operating Agent for Task 43 og Task 45 (han er nu subtaskleder i Task 55). Projektet har givet mulighed for, at Jan Erik Nielsen også har kunnet kan deltage i 2020 ExCo møderne som stedfortræder/sparringspartner for Energistyrelsen.

Noter: IEA SHC: IEA Solar Heating & Cooling er et IEA Technology Collaboration Programme, der blev etableret i 1977 som et af Det Internationale Energiagenturs allerførste programmer, til fremme af brugen af alle aspekter af solvarmeenergi. ExCo er IEA SHC's forretningsudvalg bestående af en repræsentant fra hvert medlemsland og sponsororganisation.

### 3. Project objectives

- The project will allow Jan Erik Nielsen to participate in the 2020 IEA SHC ExCo meetings as a substitute/sparring partner for the Danish Energy Agency.

### 4. Project implementation

- Jan Erik Nielsen participated in the two 2020 SHC ExCo meetings (on-line meetings) as sparring partner for the representative from Danish Energy Agency:
  - General: Communication with a new IEA SHC ExCo member from the Danish Energy Agency (DEA)
  - WP1: 87th ExCo meeting: Preparing for - and participating in ExCo web meeting June 2-4, 2020 (3 days) – together with DEA representative.
  - WP2: 88th ExCo meeting: Preparing for - and participating in ExCo web meeting November 3-5, 2020 (3 days) – together with DEA representative.
- No risks observed associated with conducting the project.
- The project implementation developed as foreseen and according to milestones agreed upon.
- No unforeseen project problems observed.

### 5. Project results

- Jan Erik Nielsen participated in the two 2020 SHC ExCo meetings (on-line meetings) as sparring partner for the representative from Danish Energy Agency.
- The ExCo meetings were held in a good and satisfactory way – even though it was internet meetings. Minutes are available on the IEA SHC website: <https://www.iea-shc.org/> - enter “EXCO File Sharing System” in “Member Area” of the IEA SHC web site.

### 6. Utilisation of project results

- The project gives Denmark and Danish companies the possibility to influence and participate in the international development of solar heating and cooling technology.

### 7. Project conclusion and perspective

- The SHC IEA implementing agreement seems to be working fine and in line with Danish interests.
- New tasks with interest from danish companies to be started next year:
  - Solar Energy Buildings
  - Quality Assurance 4.0: Digitalization and New Markets

- Large-scale Solar District Heating – Follow-up to Task 55
- Solar Thermal Storage – Follow-up to Task 58

## 8. Appendices

- IEA SHC web site: <https://iea-shc.org/>
- Minutes of 87<sup>th</sup> and of 88<sup>th</sup> IEA SHC ExCo meetings are available from the IEA SHC web site: Enter “EXCO File Sharing System” in “Member Area”.