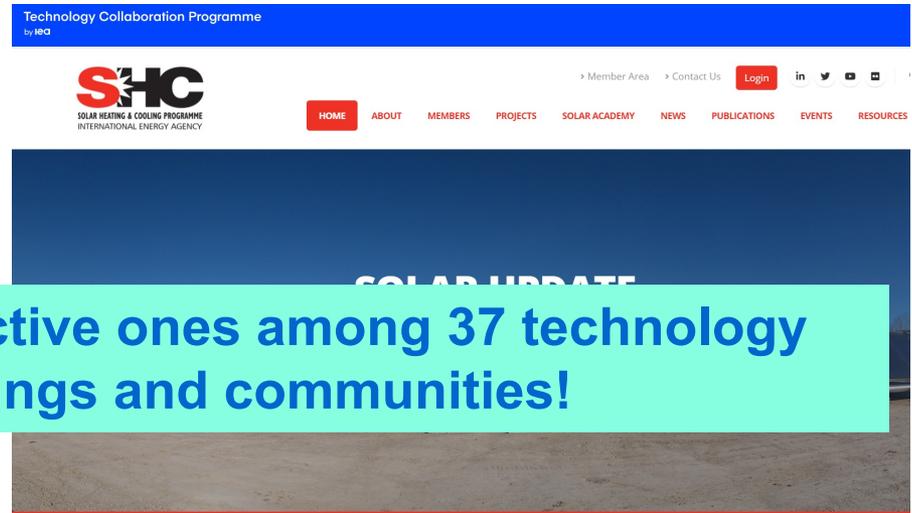


# Welcome to joint webinar between IEA programs on “Buildings & Communities (EBC)” and “Solar Heating & Cooling (SHC)”

Takao Sawachi  
Chair, Buildings and Communities program

15<sup>th</sup> June 2021

# IEA EBC and SHC programs



**Both programs are the most active ones among 37 technology programs, and related to buildings and communities!**

**We provide**

- High quality scientific reports
- Summary information for policy makers

**MORE ABOUT US →**



Country members: 26  
Ongoing & completed projects:  
20, 71

Country members: 19  
Organization members (EU, industries): 9  
Ongoing & completed projects: 8, 58

<https://iea-ebc.org/>

## Energy in Buildings and Communities Webinar on 11th June 2021

# “Reducing the Performance Gap between Design Intent and Real Operation”

Presentations will be uploaded on “past meetings” of <https://iea-ebc.org/>

### Programme (UTC / GMT time)

- # 12:00 | Welcome by **Dr Takao Sawachi**, EBC Executive Committee Chair
- # Welcome by **Dr. Ezilda Costanzo**, Vice Chair (in charge of building TCPs), IEA End-Use Working Party
- # 12:05 | Welcome by **Dr Richard Hall**, SHC Executive Committee Vice Chair
- # 12:10 | *Presentations - Part 1*
- # EBC and National Research Priorities in the Netherlands  
by **Daniël van Rijn**, EBC Executive Member for the Netherlands
- # **EBC Annex 70: A New Best Practice Building Energy Model Report Guideline**  
by **Dr Ian Hamilton and Prof L.C.M. Itard**
- # **EBC Annex 71: Quantifying the Thermal Performance of the Building Fabric**  
based on Smart Meter Data by **Prof Staf Roels, Dr Christian Struck and Twan Rovers**
- # Q&A moderated by **Daniël van Rijn**
- # 13:15 | *Presentations - Part 2*
- # **EBC Annex 78: Supplementing Ventilation with Gas-phase Air Cleaning** by **Prof Bjarne Olesen**
- # **EBC Annex 79: Do Occupants Matter? Comfort and Occupant Behaviour as Relevant Drivers for Building Energy Performance** by **Prof Andreas Wagner and Peter Op 't Veld**
- # **EBC Annex 75: Cost-effective Building Renovation at District Level Combining Energy Efficiency & Renewables**  
by **Dr Manuela Almeida and Dr Erwin Mlecnic**
- # Q&A moderated by **Daniël van Rijn** and summary
- # 14:30 | *End of webinar*

# Collaboration between the programs

- Collaborative projects

SHC Task 61 & EBC Annex 77 “Solutions for Daylighting and Electric Lighting” (2018-2021)

**Ongoing**

SHC Task 59 & EBC Annex 76 “Renovating Historic Buildings Towards Zero Energy” (2017-2021)

**Ongoing**

SHC Task 40 & EBC Annex 52 “Net Zero Energy Solar Buildings” (2008-2013) **Completed**

**SHC led  
Webinar  
on 15<sup>th</sup>  
June (Tue)**

- Joint committee meetings at least every three years

## Expected future collaborations

- **Practitioners are waiting for standards and guidelines describing concretely how they should design and install **solar and other promising techniques** in buildings and communities.**
- **Mutual reviews and understanding of completed existing deliverables of two programs, and findings of common problems and interests** are a starting point of further collaboration and joint projects.

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**Thank you for your attention and  
Please enjoy technical presentations and panel discussion!**