

IEA Technology Collaboration Programme  
on Energy in Buildings and Communities Webinar  
**Innovation and Energy Policy for Buildings:  
International Collaboration to Accelerate Change**

**Tuesday 7<sup>th</sup> June 2022**  
**11:00 - 14:00 UTC / GMT**

**REGISTER**

**FREE** - Participation in the  
Webinar is free

**07:00 - 10:00 (Washington DC, USA)**  
**08:00 - 11:00 (Brasilia, Brazil)**  
**12:00 - 15:00 (London, UK)**  
**13:00 - 16:00 (Berlin, Germany)**  
**20:00 - 23:00 (Tokyo, Japan)**  
**21:00 - 00:00 (Sydney, Australia)**

**Registration is required:** A link to join the  
webinar will be included in the email confirmation

IEA Energy in Buildings and Communities (EBC) research projects are helping to substantially reduce energy demands in buildings and fully exploit renewable energy sources. With a focus on Germany, this webinar will explore energy policy for buildings and how national and international innovation activities are contributing to this. Alongside this, please join us to learn about recent outcomes from EBC research activities that have improved the scientific basis for building competitions and living labs, have advanced approaches to occupant-centric building design and operation, and have created better ways to assess the life cycle related environmental impacts caused by buildings. This is being arranged for the benefit of the global scientific and engineering research community, as well as for policy and decision makers in industry and governments.

## Programme (UTC / GMT time)

-  11:00 | *Welcome*  
by **Dr Takao Sawachi**, EBC Executive Committee Chair and Member for Japan
-  11:05 - 11:30 | The German Energy Policy in Change: Renewables, Fossil Fuels, Energy Efficiency and the Innovation Pipeline  
by **Dr Dirk Bessau** (Project Management Juelich, Germany)
-  11:30 - 11:35 | Q&A
-  11:35 - 11:40 | *Introduction*  
by **Katja Rieß** (EBC Executive Committee Member for Germany)
-  11:40 - 12:15 | Net Zero Greenhouse Gas Emission Buildings - Synopsis and Assessment of Current Concepts and Recommendations (Annex 72)  
by **Rolf Frischknecht** (Operating Agent, Switzerland)  
and **Prof Thomas Lützkendorf** (Annex participant, Germany)
-  12:15 - 12:50 | Building Competitions as an Incentive for Research, Education and Communication (EBC Annex 74)  
by **Prof Karsten Voss** (Co-Operating Agent, Germany)  
and **Prof Sergio Vega** (Co-Operating Agent, Spain)
-  12:50 - 12:55 | *Q&A*
-  12:55 - 13:05 | *Break*

- ✚ 13:05 - 13:10 | *Introduction*  
by **Katja Rieß**
- ✚ 13:10 - 13:45 | Occupant-centric Design and Operation in a Post-pandemic World (EBC Annex 79)  
by **Prof Liam O'Brien** (Co-Operating Agent, Canada)  
and **Prof Andreas Wagner** (Co-Operating Agent, Germany)
- ✚ 13:45 - 13:55 | *Q&A*
- ✚ 13:55 | *Closing Remarks* by **Dr Takao Sawachi**
- ✚ 14:00 | *End of webinar*

### **Cost and registration**

Participation to the webinar is free but requires you to register for the event. The webinar will be limited to a maximum of 1000 attendees. To register, please click on the “Register” button above.

### **What is a webinar?**

A webinar is a conference broadcasted on internet. To follow a webinar you must have a computer with a sound card and speakers or headphones. Once logged in the "conference room", you will be able to see the slides of the presentation and to hear the panellists' comments. You will also be able to ask written questions to the speakers, and to answer on-line surveys.

### **Hardware, software**

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### **About IEA EBC**

In recognition of the significance of energy use in buildings, in 1977 the International Energy Agency (IEA) has established a Technology Collaboration Programme on Energy in Buildings and Communities (EBC). The function of EBC is to undertake research and provide an international focus for building energy efficiency. Tasks are undertaken through a series of 'Annexes', so called because they are legally established as annexes to the EBC 'Implementing Agreement'.

The largest benefits arising from participation in EBC are those gained by national programmes, such as leverage of R&D resources, technology transfer, training and capacity-building. Countries lacking knowledge can benefit from the experiences of those with more expertise, thereby avoiding duplicated research efforts. In particular, countries can most easily realise the benefits of participation if their own experts have taken part in projects and have assisted in producing deliverables taking into account their national requirements and priorities.

At an individual level, the EBC Programme allows researchers and experts funded by national programmes and industry to pool their collective expertise to produce high quality project outputs. By taking part in the projects, they create and reinforce their own technical networks, the benefits of which remain long after the particular project has formally ended. This does not happen quickly, but over the course of three to five years, these networks of expertise become established as excellent international channels of communication.

EBC has currently 26 member countries. All member countries have the right to propose new projects, and each country then decides whether or not to participate on a case by case basis. Most EBC projects are carried out on a 'task shared' basis, in which participating organisations arrange for their own experts to take part. Certain projects are 'cost shared' in which participants contribute funding to achieve common objectives.

The webinar is facilitated by INIVE ([www.inive.org](http://www.inive.org)).