

 Federal Ministry  
Republic of Austria  
Climate Action, Environment,  
Energy, Mobility,  
Innovation and Technology



IEA RESEARCH  
COOPERATION



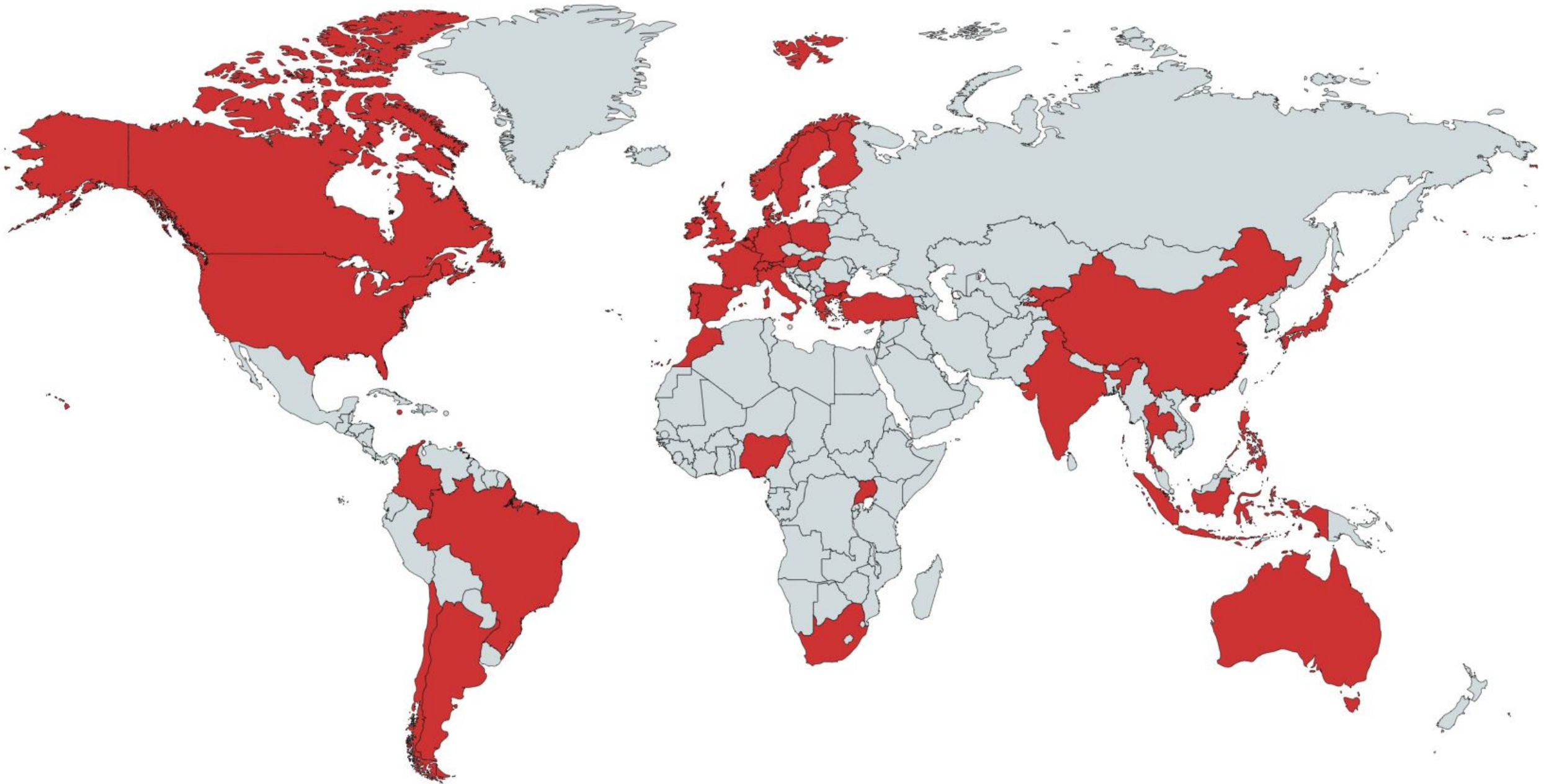
# IEA EBC Technical Day

## Energy Innovation for the City of Tomorrow

**Start: 11 UTC / 13 CET!**

**#EBCTechDay** 

24 June 2020



# Instructions

- ▶ The meeting will be recorded.
- ▶ Only speakers and moderator will stay unmuted
- ▶ The „hand raise“ function is not considered
- ▶ You can address your questions and remarks in the chat. If time allows, questions will be directed to speakers after their presentations
- ▶ The PowerPoint presentations and recording will be shared with you in due time

# Program

## 10:30 (UTC) REGISTRATION

*Session Chair Sabine Mitter,  
IEA EUWP Vice Chair for Buildings, Federal Ministry for Climate Action*

## 11:00 Welcome and opening

Eva-Maria Titz,  
Federal Ministry for Climate Action

Takao Sawachi,  
IEA EBC Chair

## 11:20 IEA EBC Annex 67: Energy-flexible buildings / EBC Annex 82: Energy Flexible Buildings Towards Resilient Low Carbon Energy Systems

Søren Østergaard Jensen,  
Danish Technological Institute, Denmark

## 11:35 Spatial Energy Planning and the Green Energy Lab

Susanne Supper, Raphaela Reinfeld,  
Green Energy Lab, Austria

## 11:50 IEA EBC Annex 73: Towards Net Zero Energy Public Resilient Communities

Rüdiger Lohse,  
KEA Klimaschutz- und Energieagentur, Germany

## 12:05 Future Quarter 2.0 – Grid-Supportive Conception of (Positive Energy) Districts

Simon Schneider,  
FH Technikum Wien, Austria

## 12:20 IEA EBC Annex 75: Cost-effective Building Renovation at District Level

Manuela Almeida,  
University of Minho, Portugal

## 12:35 Decarbonisation lost in translation! How to improve the dialogue between research and cities

Helmut Strasser,  
Salzburger Institut für Raumordnung und Wohnen, Austria

## 12:50 Otto Wagner Areal Plus – feasibility study of a plus-energy-district renovation

Diana Ürge-Vorsatz,  
Central European University (CEU)

Günter Lang,  
LANG Consulting

## 13:15 END

# Opening

Session Chair



**Sabine Mitter**

Federal Ministry for Climate Action,  
Republic of Austria

Welcome



**Eva-Maria Titz**

Federal Ministry for Climate Action,  
Republic of Austria



**Takao Sawachi**

IEA EBC Chair

# Welcome

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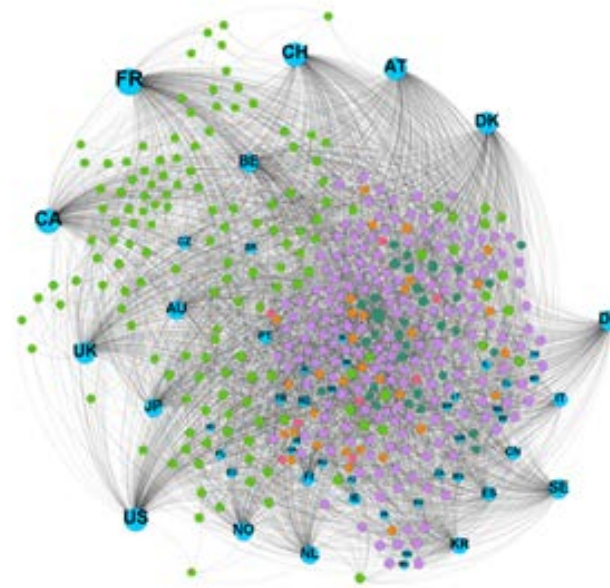
IEA's energy policy review 2020 states:

- ▶ Achieving carbon neutrality by 2040
- ▶ Decarbonising the electricity sector by 2030
- ▶ Becoming an innovation leader with R&D priorities on
  - ▶ system integration and sector coupling in the fields of building and urban systems,
  - ▶ industrial energy systems and
  - ▶ sustainable mobility systems

# Welcome

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- ▶ Mobilising research and fostering innovation
  - ▶ Member of the Mission Innovation Alliance
  - ▶ Austria participates in 21 technology collaboration programmes (TCPs) of the International Energy Agency
  - ▶ Initiating 100 European positive-energy districts as part of the SET-Plan



Austrian Energy Agency

# Welcome

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- ▶ „City of Tomorrow“ addressing the reduction of energy consumption and the use of renewable energies in buildings, and city quarters
- ▶ Mission-oriented approach
- ▶ 170 projects, 45 Mill EUR
  - ▶ Digital planning, building and operation
  - ▶ Positive-energy districts
  - ▶ Innovative greening technologies





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## Speakers



**Søren Østergaard  
Jensen**

Danish Technological  
Institute, Denmark



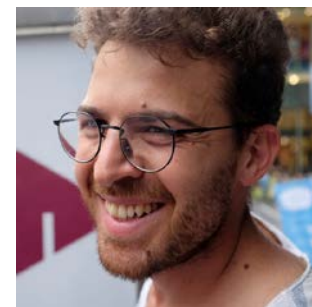
**Raphaela Reinfeld**

Green Energy Lab,  
Austria



**Rüdiger Lohse**

KEA Klimaschutz- und  
Energieagentur, Germany



**Simon Schneider**

FH Technikum Wien,  
Austria

## Speakers



**Manuela Almeida**

University of Minho,  
Portugal



**Helmut Strasser**

Salzburg Institute for  
Regional Planning and  
Housing, Austria



**Diana Üрге-Vorsatz**

Central European  
University, Hungary



**Günter Lang**

Lang Consulting, Austria

# EBC communication



- ▶ [twitter.com/IEA\\_EBC](https://twitter.com/IEA_EBC)
- ▶ [www.linkedin.com/groups/12210896](https://www.linkedin.com/groups/12210896)
- ▶ Email-list sign-up: [www.iea-ebc.org/publications/ebc-news](https://www.iea-ebc.org/publications/ebc-news)

# Final remarks

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- ▶ Presentations will be shared (same page)
- ▶ Austrian highlights in building energy research
  - ▶ energy innovation austria ([link](#))
  - ▶ Mission Innovation ([PDF](#))
- ▶ Thank you for your participation!

