

# High-level Services with Low-resource Demand for Low-carbon Pathways and the SDGs

A COP 27 side event

Jointly organised by:



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Satisfying access to decent shelter, mobility, and social services is why society requires materials and energy. The event will discuss innovations for energy demand reduction, decarbonisation of the urban environment and the construction sector, as well as pathways towards a net-zero society.

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**Date and time:** 10 November, 2022. 16:45-18:15 (EET)

**Place:** Akhenaten Room

**Online streaming:** COP 27 official **Youtube** channel ([link](#))

## AGENDA

Moderator: *David McCollum*, Oak Ridge National Laboratory (ORNL), USA

**16:45-16:50**     **Welcome and opening remarks**

*Keigo Akimoto*, Research Institute of Innovative Technology for the Earth (RITE), Japan

**16:50-16:55**     **Welcome and opening remarks**

*Bharti Jasrotia*, Development Alternatives (DA), India

**16:55-17:05**     **Importance of demand side solutions for the transformation towards net-zero society**

*Keywan Riahi*, International Institute for Applied Systems Analysis (IIASA), Austria

**17:05-17:15**     **Meeting multiple policy targets of development and mitigating global crises through demand solutions**

*Joyashree Roy*, Asian Institute of Technology (AIT), Thailand

**17:15-17:25**     **Urban space and society in 2050 in balance with planetary boundaries**

*Nan Zhou*, Lawrence Berkeley National Laboratory (LBNL), USA

**17:25-17:35**     **Limestone Calcined Clay Cement - Breakthrough technology for reducing carbon emissions**

*Prof. Karen Scrivener*, Ecole Polytechnique Fédérale de Lausanne (EPFL)

**17:35-17:45**     **Decarbonisation of the brick sector – practice-to-policy approach**

*Dr. Soumen Maity*, Technology and Action for Rural Advancement (TARA)

**17:45-18:15**     **Moderated panel discussion with speakers and Q&A with audience**

Discussant:     *Nebojsa Nakicenovic* (IIASA)

Respondents:   *Keigo Akimoto* (RITE), *Keywan Riahi* (IIASA), *Joyashree Roy* (AIT), *Nan Zhou* (LBNL), *Prof. Karen Scrivener* (EPFL), *Dr. Soumen Maity* (TARA)

Find out more about the event and for media inquiries:

- <https://iiasa.ac.at/events/nov-2022/edits-at-unfccc-cop27-high-services-with-low-energy-and-resource-demand-for-low>
- <https://www.facebook.com/people/DA-Group-at-COP27/100087182084742/>