

ISEC

4th INTERNATIONAL
SUSTAINABLE ENERGY
CONFERENCE 2026



Renewable Heating and Cooling in
Integrated Urban and Industrial
Energy Systems

14 – 16 April 2026 | Graz, Austria

<https://isec-conference.at>





Photos: AEE INTEC

ISEC 2026 CONFERENCE FOR RENEWABLE HEATING AND COOLING IN INTEGRATED URBAN AND INDUSTRIAL ENERGY SYSTEMS

The 4th International Sustainable Energy Conference – ISEC 2026 invites researchers, industry leaders, and energy policymakers from around the world to contribute their newest findings, innovations and demonstrations toward a sustainable energy future.

ISEC 2026 will focus on the question: How can we achieve energy sovereignty within a time horizon dictated by climate change and defined by politics?

Global solutions such as the transformation of our economic systems towards a sustainable circular economy, the complete phase-out of fossil fuels, the implementation of sector coupling, energy storage systems, and the smart electrification of the energy supply will be central themes in presentations and discussions.

As an engine for forward-thinking concepts, ISEC 2026 aims to push groundbreaking ideas for the heat transformation in renewable energy systems and improved resource efficiency. The conference fosters a comprehensive exchange between research, industry, and policymaking.

Through collaborations with key international organizations such as UNIDO and IEA, the conference will also place a special emphasis on solutions for developing and emerging economies, particularly in the Global South.

What can you expect:

High-level Key-Note Speakers
Presentations, Poster Session, Workshops
Intensive Discussions

The ISEC conference serves as a catalyst for forming new collaborations and initiating transformative projects to accelerate the exit from fossil fuel supply.

We look forward to continuing the dialogue at ISEC 2026!

**Christian Fink and
Christoph Brunner**

Conference Chairs



TOPICS

Technologies and Systems for Buildings, Industry, Districts, Cities and Regions

Biorefinery in a Circular Bioeconomy
 Building the Future: Smart Energy Infrastructure for the Energy Transition
 Circular Economy Strategies for the Energy Transition
 Coupling of Energy Sectors
 Digitalization for Smart, Resilient Energy Systems
 Excess Heat and Resource Recovery from Low-grade Sources
 Flexibility and Stability in Thermal and Electric Grids
 Future District Heating and Cooling Solutions
 Hydrogen and Green Gas in Integrated Energy Systems
 Industrial and Urban Symbiosis
 Net-zero/negative Emissions in the Industry including CCUS
 Next-Generation Technologies for Renewable Energy and Resource Efficiency
 Renewable Heating and Cooling Solutions for Low, Medium and High Temperature
 Applications Emerging Heat and Cold Storage
 Solar-to-X Technologies for Fuels and Chemicals
 Sustainable Renovation and Energy Retrofits
 Transform Cities: Holistic Approaches to Sustainable Urban Energy

Support Schemes for Implementation in Buildings, Industry, Districts, Cities and Regions

Financing and Business Models
 IT Solutions and Artificial Intelligence
 Just and inclusive mechanism for the energy transition
 Life Cycle Assessment
 Marketing, dissemination and implementation strategies
 Policy Frameworks and Support Mechanisms for Renewable Heating and Cooling
 Smart Services and System Operation
 Spatial Energy Planning with Emphasis on Renewable Energies

All topics above that have a special focus on the global south.



Guideline and information for abstract submission

- › Please create an user **account/log** in on our ISEC conference website.
- › Please use the ISEC 2026 **abstract template**. Template available on the ISEC conference website.
- › Submit your abstract by 31 August 2025.
- › You will get a confirmation of your submission by email.
- › The review process conducted by international scientific experts is scheduled for October/November. Following this, you will be informed about your acceptance status.
- › All poster presenters and oral speakers must register and pay the conference fee for the ISEC 2026 conference by 10 December 2025 to be included in the program.
- › Submission of full paper ends by 28 February 2026.

Full paper: Each author whose abstract has been accepted has the opportunity to submit a full paper for the online conference proceedings of ISEC 2026.

We are collaborating with **TIB Open Publishing** (Technische Informationsbibliothek). This collaboration offers the advantages that each paper has a crossref DOI registration, open access publication, indexing of the paper in google scholar and long-term archiving. The submission link for the full paper will follow.



Photo: AEE INTEC



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