



Renewable Energy 2025

APRIL 07-08, 2025 | BARCELONA



International Conference on

# Renewable Energy and Sustainable Development

April 07-08, 2025 | Barcelona, Spain



<https://renewableenergy.c2pforum.com/>

**SCIENTIFIC PROGRAM****#DAY 1 – April 07, 2025****KEYNOTE PRESENTATIONS**

**Title: The role of renewable energy in the sustainable development of mobility**

**Amela Ajanovic**, Vienna University of Technology, Austria

**Title: How to overcome the limitations inherent in sustainable development**

**Dai-Yeun Jeong**, Asia Climate Change Education Center, South Korea

**SPEAKER PRESENTATIONS**

**Title: Hydrogen-rich syngas production from biomass: Experimental investigation and equilibrium modeling for decarbonization in the UK's net zero strategy**

**KV Shivaprasad**, Durham University, UK

**Title: Hydrogen use as a key for steel production**

**Daniela Jansen**, IG Metall, Germany

**Title: High performance metal alloys for renewable energy**

**Björn Reetz**, Materion Brush GmbH at Stuttgart, Germany

**Title: Hydrothermal treatment for enhancing the performance of hierarchical porous carbon electrodes in supercapacitors**

**Marija Ercegovic**, Institute for Technology of Nuclear and Other Mineral Raw Materials, Serbia

**Title: Geothermal resource logging evaluation and development**

**Shen Benke**, Sinopec Petroleum Exploration and Development Research Institute, China

**Title: The future makers: Renewables and solutions narratives**

**Maryella Hatfield**, Western Sydney University, Australia

**Title: Wastewater treatment with solar energy: Decentralized solutions for a sustainable future**

**Hen Friman**, Holon Institute of Technology, Israel

**Title: Activated carbon from cross-linked polymers co-doped with nitrogen and phosphorous for supercapacitor applications**

**Daba T. Bakhom**, Ca Foscari University, France



+1-864-920-0042



<https://renewableenergy.c2pforum.com/>



**Title: Analysis of the anaerobic digestion and biochar supply chain in Italy**

**Ilaria Falconi**, Research Centre for Agricultural Policies and Bioeconomy, Italy

**Title: Renewable energy industry: Issues and challenges to sustainability**

**Pratishtha Singh**, Panjab University, India

**Title: Dynamics of fine root decomposition and mineralization in the tropical rubber forests of SW China**

**Farkhanda Bibi**, Abdul Wali Khan University Mardan, Pakistan

**Title: Application of solid waste materials for adsorptive removal of toxic phenol from wastewater to protect environment and also to generate circular economy**

**Ashanendu Mandal**, Indian Chemical Society, India

**Title: Digital twin and artificial intelligence: Driving clean and affordable energy solutions**

**Hassan Naanani**, University Mohammed VI Polytechnic, Morocco

**Title: Infection prevention in the Netherlands**

**Marije den Drijver**, Maasstad Ziekenhuis, Netherlands

**SPEAKER & POSTER SLOTS AVAILABLE**

**End of DAY 1**



+1-864-920-0042



<https://renewableenergy.c2pforum.com/>



## #DAY2 – April 08, 2025

### KEYNOTE PRESENTATIONS

**Title: Hydrogen blending in natural gas: Latest advancements and the role of smart metering to achieve EU sustainability targets**

**Lina Montuori**, Polytechnic University of Valencia, Spain

**Title: The status of solar energy in Iraq**

**Yarub Al-Douri**, Universiti Malaysia Perlis, Malaysia

### SPEAKER PRESENTATIONS

**Title: Technical assessment of green hydrogen and ammonia production in India's power sector**

**Jean Poll Alva Araujo**, University of Michigan, USA

**Title: Perception of coal's environmental friendliness by polish coal trading enterprises: Insights from a study of 300 coal depots**

**Kornelia Przedworska**, University of Economics in Katowice, Poland

**Title: Why is the development of clean energy an opportunity to manage the energy transition from a gender perspective? The need for a gender perspective in energy strategies**

**Leonett Lorena Francina**, Regional Union of Light and Power of Patagonia, Argentina

**Title: Development of new thermoelectric materials for energy conversion: A theoretical approach**

**Efracio Mamani Flores**, Jorge Basadre Grohmann National University, Peru

**Title: Digital twin construction and intelligent operation of large-scale pumped storage units**

**Xingxing Huang**, Swiss Competence Centers for Energy Research, Switzerland

**Title: Positive aspects of wind power for a clean future**

**Simone Togni**, National Wind Energy Association, Italy

**Title: Efficient pre-lithiation/sodiation with nanocatalysts for high-performance secondary batteries**

**Fujun Niu**, Sun Yat-sen University, China

**Title: Empower utility load forecasting with generative AI**

**Fabio Bottoni**, Amazon Web Services, Italy



+1-864-920-0042



<https://renewableenergy.c2pforum.com/>



**Title: Sustainable futures: Global perspectives on research and development**

**Muhammad Nawaz Brohi**, Bath Spa University AC RAK, UAE

**Title: Biorefinery approach for hydrochar and building blocks production through hydrothermal carbonization of urban pruning**

**Laura Azocar**, Universidad Catolica de la Santisima Concepcion, Chile

**Title: Synthesis, characterization and evaluation of a coal fly ash-based ceramic as a high temperature TES material for use in packed-bed thermal storage system**

**Reda Chattahy**, National School of Arts and Crafts, Morocco

**Title: Project finance is a key aspect of sustainable and affordable development**

**Valerie J. Pelton**, BIED Society, USA

**Title: Dark energy and its use in byuon heat installation**

**Baurov Yuriy Alexeevich**, LLC Energy Center BYUON, Russia

**SPEAKER & POSTER SLOTS AVAILABLE**

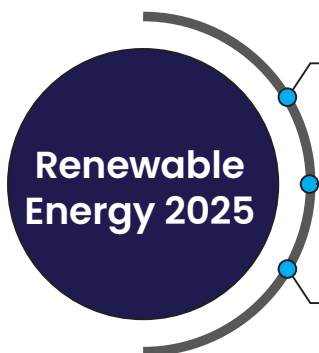
**End of DAY 2**

**Note:** The program is subject to change based on the availability and allotment of speaker slots.





*Don't miss out on this unique opportunity to network, learn, and innovate. Secure your seat today and be part of the exchange of ideas that shapes the future. We look forward to welcoming you.*



<https://renewableenergy.c2pforum.com/>

<https://renewableenergy.c2pforum.com/abstract-submission>

<https://renewableenergy.c2pforum.com/registration>

## Questions? Contact

Phone: +1-864-920-0042 | WhatsApp: +1-864-386-8505

E-mail: [renewableenergy@c2presearch.org](mailto:renewableenergy@c2presearch.org)