



THE 1st CHINA-EUROPE International Conference of Carbon Neutralization

• July 20-23, 2025 • Dalian, China

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The International Carbon Neutrality Association (ICNA) was established in 2024 as a pioneering global platform dedicated to advancing the vision of a sustainable future through collaborative innovation and knowledge exchange in green energy and carbon neutrality. As a multidisciplinary organization, ICNA unites leading researchers, industry experts, policymakers, and academic institutions from around the world to address critical challenges and explore transformative solutions to achieving global carbon neutrality goals. By fostering academic cooperation, promoting cutting-edge research, and facilitating cross-sector partnerships, ICNA is committed to driving impactful progress in renewable energy, sustainable development, and environmental stewardship. Together, we aspire to create a greener, more resilient world for generations to come.

The ICNA Scientific and Organizing Committees are pleased to invite you to the 1st International Forum of Carbon Neutralization in Dalian from July 20-23, 2025, a pivotal event bringing together leading experts from around the world to explore cutting-edge advancements in carbon neutralization technologies. This forum provides a unique platform for more than 200 renowned academics, researchers, and industry leaders in the fields of carbon neutralization and sustainable development. As the global demand for clean and efficient energy solutions continues to grow, solar energy, electrochemical energy storage and hydrogen energy are emerging as three of the most promising pillars for achieving a sustainable energy future. The discussions over the coming days will focus on innovations, challenges, and collaborative opportunities in these critical areas, with the goal of advancing our collective knowledge and fostering international cooperation.

We are confident that this forum will not only provide valuable insights into the current state of research but also inspire new collaborations and partnerships that can drive the transition toward a greener, more sustainable global energy system. We look forward to fruitful discussions, the exchange of ideas, and the opportunity to work together toward a brighter energy future.

Thank you for being part of this important event. Let us embark on this journey of discovery and innovation in the quest for a more sustainable energy world. The meeting will cover a wide range of topics relating to solar and energy storage science and technology including, but not limited to:

- Technological innovation in renewable energy: improving the efficiency and economy of solar energy, biomass energy etc.
- Energy storage technology: researching batteries, grid energy storage, and other energy storage methods to balance energy supply and demand.
- Hydrogen energy development: exploring the production, storage, and application technology of green hydrogen.
- Low-carbon utilization of fossil energy: develop low-cost, high-efficiency carbon capture technology and fossil fuel high efficiency utilization and conversion strategy.