

Conference for visioneers and innovators

8 – 11 September 2026

Lithuanian Energy Institute, Kaunas, Lithuania

The energy sector is undergoing an unprecedented period of transformation, with geopolitical challenges, climate change issues, and technological innovations all coming together. Energy security is becoming a priority, taking on particular importance in the context of global tensions and disruptions to energy supply chains. At the same time, rising energy prices pose serious challenges to industrial competitiveness, innovation, and public welfare, requiring a balance between decarbonization goals and economic logic. Technological innovation opens up new opportunities for the transformation of energy systems.

The conference **aims** to bring together visionary scientists, innovators, and investors, policy makers, and other stakeholders for a constructive dialogue on the challenges of modern energy and their solutions, promoting interdisciplinary cooperation and the search for innovative solutions for a sustainable future.

Main thematic areas

The mentioned thematic areas serve as guidelines and are not limited to those listed

Sustainable Technologies in Industries

Industrial decarbonization, water and land transport decarbonization, transportation fuels, chemicals feedstocks, energy storage and grid balancing;

Power to X Technologies

Power-to-hydrogen, power-to-gas, power-to-liquids, power-to-chemicals;

Policy for Sustainable Development and New Technologies Integration

Energy safety, market development and business models, regulatory frameworks and carbon pricing, energy sector strategies, investment and financing strategies, cost reduction pathways;

Micro - nano systems

Equipment, materials, etc.;

Water Resources Management

Energy Sources for Power to X

Thermo energy, hydro energy, gasification, nuclear energy, fusion energy, SMR;

Sustainable Waste Management

Recovered fuel, water purification technologies, waste heat recovery, plasma processes, radioactive waste management;

Energy Systems Integration

Grid integration and energy storage solutions, renewable energy coupling (solar, wind), distribution and transportation infrastructure, sector coupling (energy, transport, industry);

Life Cycle Assessments:

Carbon capture integration, climate impact and emissions reduction, circular economy approaches;

Innovative Materials

Publications. Selected papers will be invited to submit an extended version to the following journals: *Thermal Science and Engineering Progress*, *International Journal of Thermofluids*, etc. All abstracts will be published in the conference e-book.

-  On-site event
-  Online participation
-  Posters on-site
-  Workshops, seminars, symposiums

Sustainable event solutions

Who will attend conference?

- ▲ visionary scientists
- ▲ innovators and investors from companies and industries
- ▲ policymakers
- ▲ young scientists

Important dates

- ▲ Receipt of Abstracts: 15 June 2026
- ▲ Notification of Abstract acceptance: 15 July 2026
- ▲ Receipt of full Paper (optional): 15 August 2026
- ▲ Registration deadline: 15 August 2026
- ▲ Conference: 8 – 11 September 2026

Conference team



Chairman

 Prof. Dr.
Saulius Gudžius
 LT | LEI, KTU



Co-chairman

 Dr. Robertas Poškas
 LT | LEI, KTU



Co-chairman

 Prof. Dr.
Hussam Jouhara
 UK | BUL



Contact person

 Monika Inčerytė
 monika.inceryte@lei.lt
 +37064156542
 LT | LEI

