



UNECE Group of Experts on Energy Efficiency Task Force on Energy Efficiency in Industry

Bi-monthly open discussion forum

Decarbonizing industrial energy systems: electrification, hydrogen, and other solutions

12 December 2024, 14h00–16h00 CET (online)

BACKGROUND

Approximately two-thirds of industrial energy consumption currently relies on fossil fuels. Building on insights from previous Bi-monthly fora – on heating and cooling and on systemic efficiency – this session will explore pathways for decarbonizing non-electric energy demand in industry.

QUESTIONS FOR DISCUSSION

- What are the challenges, risks, and opportunities associated with electrification, hydrogen, and other alternatives for decarbonizing non-electric energy demand in industrial systems?
- How can systemic efficiency principles guide manufacturers in identifying pathways tailored to their specific needs, including process requirements, economic implications, and energy availability?
- What policy frameworks, technological solutions, and decision-making tools are essential to support resilient, cost-effective transitions in industrial energy systems?

TENTATIVE TIMELINE

5 min	<i>Housekeeping</i>	Igor Litvinyuk , Secretary, UNECE Group of Experts on Energy Efficiency
15 min	<i>Opening remarks and setting the scene</i>	Stefan M. Buettner , Chair, UNECE Group of Experts on Energy Efficiency Branko Milicevic , Secretary, UNECE Group of Experts on Gas Alberto Biancardi , Chair, UNECE Group of Experts on Renewable Energy
30 min	<i>Impulses</i>	Lars Baumguertel , CEO, ZinQ Verena Lampret , Deputy Director, Institute for Energy Efficiency in Production Zafar Samadov , IRENA Alliance for Industry Decarbonisation
60 min	<i>Q&A and open discussion</i>	
10 min	<i>Wrap-up, closing remarks, and the way forward</i>	Stefan M. Buettner , Chair, UNECE Group of Experts on Energy Efficiency

REGISTRATION

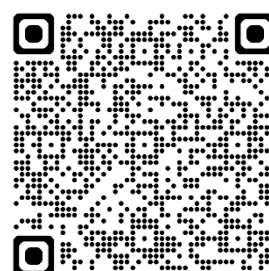
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Connection details will be sent to the registered participants



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<https://unece.org/sed/documents/2024/10/icalendar-12-december-2024-14h00-16h00-cet-unece-energy-efficiency-industry>



Event materials at:

<https://unece.org/sustainable-energy/events/industrial-energy-efficiency-bi-monthly-forum-12.12.2024>

Further information about UNECE work on Energy Efficiency:

<https://unece.org/sustainable-energy/energy-efficiency>

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