



ENERGY



Bi-monthly Open Discussion Forum

UNECE Task Force on Industrial Energy Efficiency



Geneva, 19 December 2023



UNECE Group of Experts on Energy Efficiency

Task Force on Energy Efficiency in Industry

Bi-monthly open discussion forum

COP28 debriefing – consensus achieved, but what does really matter now?

19 December 2023, 14h00–16h00 CEST (online)

Agenda

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Tentative timeline

5 min	Housekeeping	Igor Litvinyuk Secretary, UNECE Group of Experts on Energy Efficiency	
15 min	Opening, updates, introduction of speakers	Dr. Stefan M. Buettner Chair, UNECE Group of Experts on Energy Efficiency	
10 min	Impulses and Examples	Dario Liguti Director, UNECE Sustainable Energy Division	<i>COP28 Debriefing on-site view</i>
10 min		Rod Janssen Chair, Energy Efficiency in Industrial Processes (EEIP)	<i>COP28 Debriefing outside view</i>
10 min		Dr. Stefan M. Buettner Chair, UNECE Group of Experts on Energy Efficiency	<i>COP28 and the Group of Experts, Systemic Efficiencies and considerations for the way forward</i>
45 min	Q&A and expert discussion		
15 min	Looking ahead: ongoing sustainable energy activities and insights into 2024-2025		
10 min	Wrap-up, closing remarks, way forward	Stefan M. Buettner Chair, Group of Experts on Energy Efficiency	

Housekeeping

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Housekeeping

Igor Litvinyuk
Secretary,

UNECE Group of Experts on Energy Efficiency

Opening remarks

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Opening remarks

Dr. Stefan M. Buettner
Chair, UNECE Group of Experts on Energy
Efficiency



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Impulse I Dario Liguti

Director, UNECE Sustainable Energy Division

COP28 Debriefing on-site view



Impulse II Rod Janssen

Chair, Energy Efficiency in Industrial Processes
(EEIP)

COP28 Debriefing outside view



Impulse III

Dr. Stefan M. Buettner

Chair, UNECE Group of Experts on Energy
Efficiency

***COP28 and the Group of Experts,
Systemic Efficiencies and considerations for the way
forward***

Systemic efficiency

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- **Systemic efficiency**

focuses on optimizing the performance of an entire system, rather than individual components or processes within the system

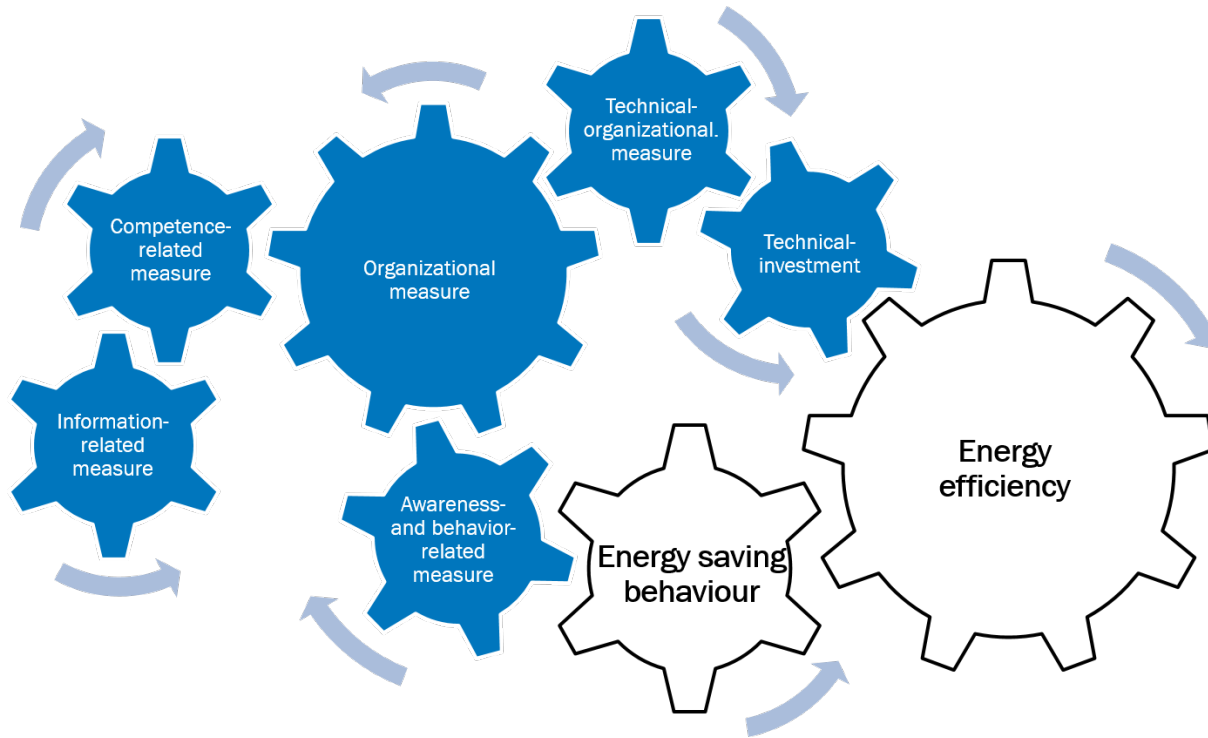


Systemic efficiency needs more than technology

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Systemic efficiency is about the combination of different measures that, when combined, lead to an efficient overall result.



Source: REZ Reutlingen University / EEP 2019: Entscheidung für Energieeffizienz - Auswirkungen von Unternehmenskultur und Technikdiffusion in produzierenden KMU in Baden-Württemberg.

Q&A and expert discussion

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Q&A and expert discussion



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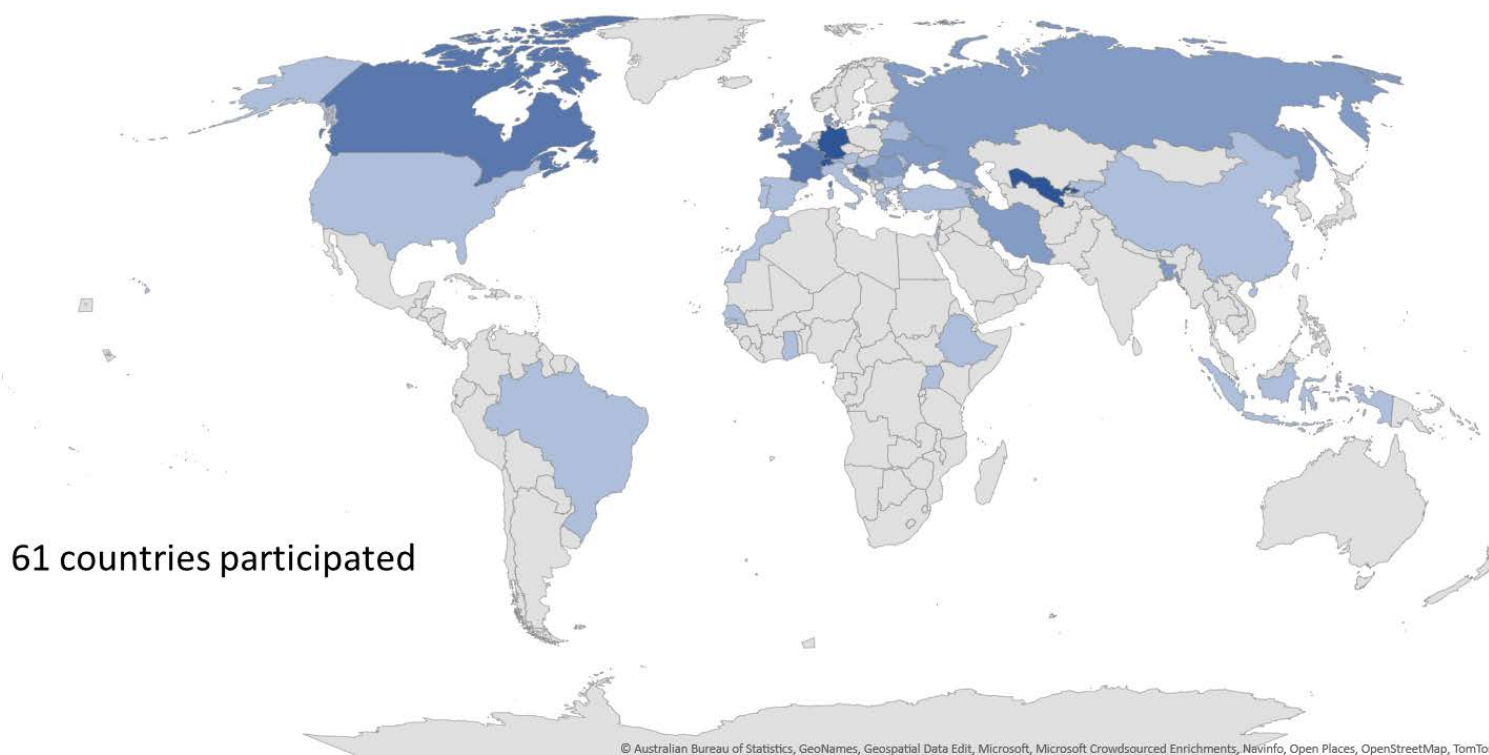


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Stakeholders registered from across the world

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61 countries participated

Unterstützt von Bin
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Next steps

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Looking ahead: Activities for
2024 and insights into the Work
Plan for 2024-2025

Insights into the Work Plan for 2024-2025

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- Systemic efficiency
- Storage & flexibility
- Digitalization & industry
- Heating & cooling efficiency
- Decarbonizing building supply chains (IKI)

Platform on Resilient Energy Systems

Work Plan for 2024-2025

GEEE/Industry TF

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- Develop an International hydrogen taxonomy and specifications under UNFC and UNRMS, April 2025*
- Enhance the low-, zero- and negative-carbon technology interplay across the energy system in the ECE region
- Develop support resources related to energy storage
- Help ensure that modernization of the energy infrastructure is delivered according to the principles of Just Transition
- Elaborate on the concept of technical decentralization of the energy system and the principle of “decentralization for resilience” in the context of urban planning.

Next steps

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Wrapping up

Stefan M. Buettner

Chair Group of Experts on Energy Efficiency
& Task Force on Industrial Energy Efficiency

Taking Action

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Ideas for future meetings,
activities, papers

Taking Action

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Any other business

Save the date(s)

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- **Bi-Monthly Open Discussion Forum**
February 2024, Date tbc, 14-15.30 CET, Online

<https://forms.office.com/e/ThWMNNnByt>

Registration



How to create the perception and trigger decisions to decarbonise

April 2024, Date tbc, 14-15.30 CET, Online

<https://forms.office.com/e/4W4pvipnF0>

Registration



Heating/Cooling/Waste Heat
or Decarbonising Industrial Energy Systems
(incl. H2)



Get in touch:

Energy.efficiency@un.org

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

<https://www.linkedin.com/showcase/unece-sustainable-energy/>