UNECE Group of Experts on Energy Efficiency

Task Force on Energy Efficiency in Industry

Bi-monthly open discussion forum

Heating and Cooling Efficiency

– Harnessing Untapped Potential for Resilience and Net-Zero Goals

16 April 2024, 14h00–16h00 CEST (online)

Background: Although thermal processes consume more than 70 percent of the industrial energy demand, utilization of waste heat is often disregarded by manufacturers. This is compounded by the past years' focus on electrification, leading to a shortage of skills and perpetuating misconception that waste heat utilization is not worth economically.

Objective: The objective is to shed light on the often overlooked potentials in heating and cooling efficiency, especially in industrial settings, despite their significant role in enhancing energy resilience and reducing emissions.

Experts will share insights on the opportunities offered by improving heating and cooling efficiency, and discuss measures to address barriers hindering waste heat utilization and to advance towards more resilient energy systems.

Tentative timeline

5 min	Housekeeping	**Igor Litvinyuk** Secretary, UNECE Group of Experts on Energy Efficiency
15 min	Welcome remarks, setting the scene, and introduction of speakers	**Francisco de la Flor** Chair, UNECE Group of Experts on Gas **Dr Stefan M. Buettner** Chair, UNECE Group of Experts on Energy Efficiency
10 min	Impulses	**Dr Romanas Savickas** Expert on Thermal Engineering Copenhagen Centre on Energy Efficiency (UNEP-CCC) Vice-Chair, UNECE Group of Experts on Energy Efficiency
10 min		**Sinem Gündoğdu Kalkin** Mechanical Engineer Global Sector Integration, Danfoss
60 min	Q&A and open discussion	
10 min	Looking ahead: ongoing sustainable energy activities and insights into 2024-2025	
10 min	Wrap-up, closing remarks, way forward	**Dr Stefan M. Buettner** Chair, Group of Experts on Energy Efficiency

REGISTRATION

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

Connection details will be sent to the registered participants.