

9th Annual Global Conference on Energy Efficiency

Special Event: Scaling energy efficiency action in industry

Wednesday 22 May 2024: 14:00 – 17:30
Ivory, Safari Park Hotel, Nairobi, Kenya

Event background

Under the IEA Net Zero Emissions by 2050 Scenario, mass deployment of more efficient and digitalised processes, new technologies, increased recycling, and electrification all work to reduce global industrial energy use. Early action will also play a key role in ensuring doubling of energy efficiency progress this decade. This session will explore the key actions that governments can take in unison with the private sector to help achieve this clean energy transition while driving economic growth.

Industrial energy consumption is still dominated by fossil fuels, in particular coal, and accounts for about a quarter of energy-related CO₂ emissions. Industry is one of the most challenging sectors to decarbonise: low-carbon technologies for many processes are still under development or are too expensive, and industrial assets have long lifetimes and are infrequently replaced. Industrial energy consumption will continue to grow over the next decade. The industry sector accounts for about one-third of today's global total final energy consumption. Industrial energy consumption has steadily risen in recent years. Since 2000, total global energy industry consumption rose by almost 70%

Doubling efficiency progress could cut energy bills by one-third and make up 50% of CO₂ reductions by 2030. In most sectors, governments and businesses can make rapid progress towards doubling by building upon best practice in existing policies and accelerating the deployment of already-available technologies. [Nearly 60 percent of business raised concerns over rising energy costs as a threat. However, the investment will be high, and 99 percent of businesses commit to invest in energy efficiency.](#) New partnerships and collaboration across the value chain, industry, energy companies, cities, governments, is pivotal to double energy efficiency progress.

The session is split into two panel discussions. The first panel discussion will focus on actions governments and industry can take in unison to scale energy efficiency action in industry. This session will bring connections to the findings from the closed session earlier in the morning and will highlight insights, challenges and solutions in industry. The panel brings together diverse stakeholders from industry, government, and financing bodies from across the globe.

The second panel discussion will connect to the outcomes from the IEA 8th Annual Global Conference on Energy Efficiency and will focus on moving The Versailles 10X10 Actions from What to How. The session will bring together diverse perspectives throughout the value chain including important enabling factors such as skills and financing.

Draft Agenda

14:00-14:15	Opening remarks <ul style="list-style-type: none"> Dr. Juma Mukhwana, CBS, Principal Secretary, State Department for Industry, Kenya Her Excellency Caroline Vicini, Swedish Ambassador to Kenya
14:15-15:30	Session 1: Actions governments and industry can take in unison to scale energy efficiency action in industry <i>Moderator, Anna Hall, Head of Public Affairs, Alfa Laval / Energy Efficiency Movement</i> <ul style="list-style-type: none"> Mr. Anders Hoffmann, IEA Governing Board Chair, Deputy Permanent Secretary, Ministry for Climate, Energy and Utilities, Denmark Mr. Song Changqing, Deputy Director General, China National Development and Reform Commission (NDRC) Mr. Frederic Lucenet, Global Head of Manufacturing and Services, EBRD Ms. Rana Ghoneim, Chief of Decarbonisation and Sustainable Energy Division, UNIDO Mr. Hazvinei Munjoma, Energy Efficiency Expert in Industry, AFREC Ms. Sandiswa Qayi, Managing Director, AET Africa Ms. Aurelie Beauvais, Managing Director, Euroheat & Power Mr. Wang Zhigao, Energy Foundation China Mr. Erich Labuda, President ABB Motion Services, ABB (TCO) Delegate from the European Commission (name TBC)
15:30-16:00	Coffee break
16:00-17:15	Session 2: Moving "The Versailles 10X10 Actions" from What to How <i>Moderator: Mike Umiker, Managing Director, Energy Efficiency Movement</i> <ul style="list-style-type: none"> Ms. Rana Ghoneim, Chief of Decarbonisation and Sustainable Energy Division, UNIDO Ms. Meriem El Mernissi, Directrice Productivité et Go To Market, Les Eaux Minérales d'Oulmes Mr. Thomas Schroder, Climate Director, Grundfos Ms. Yolanda de Lange, Executive Director: Institute of Energy Professionals Africa NPC (IEPA) Mr. Bill Kent, C.E.M., Executive Director, Association of Energy Engineers Mr. Pramod Singh, Senior Director – Research and Programmes, AEEE Mr. Robert Turner, Energy & Energy Transition, PWC Rushad Nanavatty, Managing Director, Third Derivative, Rocky Mountain Institute (RMI) Ms. Martha Wakoli, Research Manager at CLASP (TBC)
17:15	Closing remarks