

CLEAN ENERGY NETWORKS AND TECHNOLOGY PLATFORMS

Clean Energy Ministerial (CEM)

<https://www.cleanenergyministerial.org/>

The Clean Energy Ministerial (CEM) is a high-level global forum to promote policies and programmes that advance clean energy technology, to share lessons learned and best practices, and to encourage the transition to a global clean energy economy. Initiatives are based on areas of common interest among participating governments and other stakeholders. The Framework for the Clean Energy Ministerial, reaffirmed at the twelfth Clean Energy Ministerial in 2021, defines the CEM governance structure and outlines the mission statement, objectives, membership, and guiding principles.

The CEM brings together a community of the world's largest and leading countries, companies, and international experts to achieve one mission—accelerate clean energy transitions.

The CEM is an international clean energy leadership platform, a convening platform, an action platform, and an acceleration platform. It serves as:

- A platform where its members help shape the global clean energy agenda and advance the deployment of specific clean energy technologies and solutions.
- A bottom-up, government-led community for exchanging knowledge and insights, building networks and partnerships, and facilitating coordinated actions on clean energy.
- An implementation vehicle that helps its members achieve specific domestic clean energy objectives.

RE100

<https://www.there100.org/>

RE100 is the global corporate renewable energy initiative bringing together hundreds of large and ambitious businesses committed to 100% renewable electricity. RE100 accelerates change towards zero carbon grids at scale.

Global Women's Network for the Energy Transition

<https://www.globalwomennet.org/>

The Global Women's Network for the Energy Transition (GWNET) aims to advance the global energy transition by empowering women in energy through interdisciplinary networking, advocacy, training, and mentoring. GWNET seeks to address the current gender imbalances in the energy sector and to promote gender-sensitive action around the energy transition in all parts of the world.

GWNET facilitates connections among women working in the fields of renewable energy and energy efficiency to advance the energy transition. *Dedicated events* as well as a cutting-edge *women's expert platform* with enhanced features, also encourage networking among GWNET members. GWNET *generates and disseminates information* on the role of women in the energy transition with the goal of creating awareness, strengthening networks and ultimately influencing decision-making.

Energy Policy Tracker

<https://www.energypolicytracker.org/>

The Energy Policy Tracker covers the 2020–2021 period with data on COVID-19 government policy responses from a

climate and energy perspective. The analysis provides a detailed overview of the public finance flows as determined by recovery packages across the G20.

Technology Platforms

E-TECHDS – ENERGY TECHNOLOGY DATA SOURCE

<https://iea-etsap.org/index.php/energy-technology-data>

The IEA-ETSAP E-TechDS is an Energy Technology Data Source that offers consistent sets of data on energy demand and supply technologies to help analysts to build their own MARKAL-TIMES model. MARKAL-TIMES models usually represent the entire energy system (i.e., demand and supply side) of a nation or region.

To put data in the right context, E-TechDS is conceived as a series of Technology Briefs, which provide basic information on the process, status, performance, costs, potential and barriers for key energy technology clusters. Each brief consists of typically 5 to 10 pages including highlights, full text and charts, and a summary data table.

The ETSAP Briefs are intended to offer essential, reliable and quantitative information to energy analysts, experts, policymakers, investors and media from both developed and developing countries.

WIPO GREEN – The Marketplace for Sustainable Technology

<https://www3.wipo.int/wipogreen/en/>

WIPO GREEN is an online platform for technology exchange. It supports global efforts to address climate change by

connecting providers and seekers of environmentally friendly technologies. Through its database, network and acceleration projects, it brings together key players to catalyze green technology innovation and diffusion. WIPO GREEN consists of an online database and network that brings together a wide range of players in the green technology innovation value chain, and connects owners of new technologies with individuals or companies who might be looking to commercialize, license or otherwise distribute a green technology. In this way, it not only helps to accelerate innovation and diffusion of green technologies but also contributes to the efforts of developing countries in addressing climate change.

McKinsey Platform for Climate Technologies

<https://www.mckinsey.com/capabilities/sustainability/how-we-help-clients/mckinsey-platform-for-climate-technologies>

The McKinsey Platform for Climate Technologies (MPCT) was launched to help clients plan, execute, and scale the implementation of these critical technologies. MPCT works with the world's leading experts to anticipate the impact of new technologies and challenge conventional approaches to established ones. The focus is on the most critical technologies: those with the potential to transform the sources of energy for every industry, region, and community.

EPO Clean Energy Technologies

<https://www.epo.org/news-events/in-focus/clean-energy.html>

Climate change is driving innovation in clean energy. New technologies are being developed every day in the race to safeguard life on earth and meet the climate targets set out in the European Green Deal, the UN Sustainable Development Goals (SDGs) and the Paris Agreement.

Inventors are at the forefront of this endeavour. The technical information published in patents describes the most recent technical advances, and can support researchers and innovators with making the next inventive steps. EPO patent examiners and data analysts have compiled some 60 datasets to support scientists and engineers in accessing patent information containing some of the most advanced technical knowledge on clean energy. Areas covered include offshore wind energy, smart solar systems, the optimisation of energy storage technologies and solutions for carbon-intensive industries such as steel and cement production.

The platform is arranged into three broad themes and updated regularly:

- Renewable energy
- Solutions for carbon-intensive industries
- Energy storage and other enabling technologies