

Clean Energy Ministerial (CEM)

Background

- The Clean Energy Ministerial (CEM) is an initiative shared by 25 countries and the European Commission to facilitate international collaboration, promote policies and programs that advance clean energy, and to accelerate the transition to a global clean energy economy. The partnership holds an annual ministerial meeting, rotating among members.
- CEM member countries account for ~90 percent of global clean energy investments and 75 percent of global greenhouse gas emissions. Canada has been a member of the CEM since its inauguration in 2010. Natural Resources Canada leads the Government of Canada's participation in the CEM.
- NRCan sees CEM as a major opportunity for Canada to showcase our domestic progress and show we have what it takes to be a leader in the low carbon transition, and also to continue to strengthen our multilateral collaboration on clean energy.

CEM Structure / Key Activities

CEM's work is focused on empowering energy decision makers around the world with the up-to-date information and tools they need to improve the policy environment for clean energy and facilitating international coordination that amplifies each government's clean energy deployment efforts across a wide range of clean energy technologies.

CEM work takes place through key activities that advance global climate and energy policy goals to improve energy efficiency worldwide, enhance clean energy supply and expand clean energy access:

- High-level policy dialogue at annual ministerial meetings helps advance international collaboration to accelerate the adoption of clean energy policies and practices.
- Public-private engagement builds the industry, government, and civil society cooperation needed to scale up clean energy around the globe.
- Year-round work through action-driven, transformative clean energy initiatives and campaigns expands the deployment of clean energy technologies, policies, and practice

The CEM Secretariat, located with the International Energy Agency in Paris and staffed by officials from member countries, helps member hosts shape and deliver their ministerial conferences, and performs a liaison function to ensure that all 22 CEM campaigns and initiatives are effective, impactful and meaningful. A CEM Steering Committee, comprised of six member countries that serve on a rotational basis, provides strategic guidance on priorities.

Canada co-leads CEM initiatives and campaigns to advance nuclear innovation, women's education and empowerment, electric vehicles, energy management in buildings and industry. Canada also participates in initiatives and campaigns targeting carbon capture utilization and storage (CCUS), power system flexibility, smart grids, clean energy solutions, nearly zero energy buildings and super-efficient equipment and appliances.

Recent CEM Announcements

Canada advanced our clean energy interests and demonstrated efforts in the transition to a low carbon future by making a suite of announcements at the last CEM in May 2018:

1. **CEM10/MI-4: Launched** Canada as host of **CEM10/MI-4** in 2019 & shared our Vancouver vision.
2. **Clean Energy Education and Empowerment (C3E)** “Equal by 30” advances the principles of “equal pay, equal opportunity, equal leadership by 2030”.
3. **“Nuclear Innovation: Clean Energy Future”** brings nuclear to the broader clean energy discussion and demonstrating our leadership in technologies (SMRs and hybrid energy systems).
4. **Carbon Capture Utilization and Storage** accelerates deployment of CCUS technologies; focus on increasing commercialization of and market opportunities for products derived from CO₂.
5. **Power System Flexibility** brings more renewable energy into a smarter grid and increase the share of non-emitting electricity from 81% in 2016 to 90% in 2030. (Co-led by China, Denmark and Germany)
6. **Smart Energy Challenges** support breakthrough projects in smart grid and energy storage adoption designed to accelerate the transition to a low-carbon economy. Canada will contribute \$10 million and the U.K. up to £6 million, totalling just over \$20 million.