



Multilateral Solar and Wind Working Group (MSWWG)

Promote the accelerated global deployment of solar and wind energy technologies

Goals

MSWWG seeks to promote the deployment of low-cost wind and solar energy in all regions of the world.

Rationale for being included in the CEM

MSWWG contributes to reducing emissions, promoting a secure and affordable energy supply, and driving the transition to a global green economy by facilitating the deployment of solar and wind energy technologies internationally. MSWWG also allows different actors to connect through the projects, facilitating a unique global dialogue. This dialogue specifically serves to overcome the barriers for the deployment of renewable energy technologies via elevating innovative policies and solutions from the technical level to the highest political level. In the last couple of years, the main work of MSWWG has been carried out through the campaigns launched by the initiative (see below).



Key accomplishments

- Solid analytical work carried out either by IRENA or IEA on solar and wind energy technology development and deployment, and system and market integration.
- Strengthening the participation of CEM Members via on-the-ground activities like workshops and policy dialogues with in-country policy and technical stakeholders.
- Drawing ministerial-level attention to renewable system integration via high-level roundtables during CEM8.
- Increasing private sector participation: The Corporate Sourcing Campaign has attracted new private sector partners since CEM8, including GE Power, Carlsberg, EKOenergy, in addition to Microsoft, Google, Facebook, and IKEA which joined at CEM7; the Advanced Power Plant Flexibility Campaign (APPF) has over 10 leading business participants from its initiation that are actively contributing to the campaign.
- Leveraging the power of coalition and technical partnerships from non-governmental organisations and business associations: Corporate Sourcing Campaign has leveraged global and in-country non-governmental platforms such as RE100, RE-Source Platform. Advanced Power Flexibility Campaign (APPF) has leveraged technical contribution from the Chinese Electrical Power Planning and Engineering Institute (EPPEI), GIZ, Agora Energiewende, Danish Energy Agency, etc.

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Lead CEM member(s)



Denmark Germany Spain

CEM Member participants



Brazil China France India Indonesia Japan Korea Mexico Netherlands Norway Saudi Arabia South Africa United States

Work organisation and structure of the initiative

This initiative acts as an action platform to accelerate variable renewable energy deployment by performing as a “megaphone” and bringing together powerful public-private coalitions. This has happened in the key projects and campaigns encompassed by CEM/G20 countries, major corporate actors and international organisations. The exact composition of participants in this initiative depends on the agenda of the projects and campaigns. This initiative regularly uses ministerial roundtables at CEM meeting to bring topics to ministers’ and corporate executives’ attention, present key policy recommendations of the analytical work undertaken in the initiative or its campaigns to decision-makers, and receive ministerial-level and corporate executives guidance on how to take this work further.

Recent activities and deliverables since 2017

This initiative has generated two CEM campaigns: Corporate Sourcing of Renewables and Advanced Power Plant Flexibility. These two campaigns have a broader electricity system perspective, strengthening their links with other system integration and demand side work streams.

- MSWWG members conduct and publish extensive analyses that provide stakeholders with policy recommendations and best practices.
- Outreach and dissemination of the conclusions from analytical studies, e.g. Report on Solar and Wind Technology Costs (by IRENA), Report on Auctions (by IRENA), Report Value of Wind and Solar (by IEA). The main focus is to make the reports as relevant as possible for policy makers and to disseminate the findings to relevant stakeholder and authorities, particularly in key emerging economies.
- In the Campaigns on Corporate Sourcing of Renewables and Advanced Power Plant Flexibility and other previous work, regional workshops in participating CEM member countries were an important means to generate specific input as well as to support implementation efforts in these countries.

Forward-looking priorities and actions

- The Corporate Sourcing of Renewables Campaign is expected to be concluded at CEM9 Ministerial meeting with the launch of the IRENA REMade Index Report
- This initiative will organise two high level public-private roundtables at CEM9 on 24 May 2018: Corporate Sourcing of Renewable Energy Roundtable, and Advanced Power Plant Flexibility Roundtable.
- The lead countries of the working group propose two new campaigns to be launched at CEM9: **Long-term Energy Scenarios for the Clean Energy Transition Campaign** and **Power System Flexibility Campaign (continuation of Advanced Power Plant Flexibility Campaign)**.



Operating Agent(s) /
Coordinator(s)

Funding Government(s)/
Organisation(s)

Global and
In-Country Technical
Partner(s)



International
Renewable Energy Agency



International Energy Agency

Danish Ministry of Energy, Utilities and Climate, German Federal Ministry for Economic Affairs and Energy.

Center for Resource Solutions (CRS), National Renewable Energy Laboratory (NREL), RE100, Renewable Energy Buyers Alliance (REBA), RE-Source Platform, Rocky Mountain Institute (RMI), Solar Power Europe, World Business Council for Sustainable Development (WBCSD), World Resources Institute (WRI), World Wildlife Fund (WWF).

Agora Energiewende, Chinese Electrical Power Planning and Engineering Institute (EPPEI), China National Renewable Energy Center (CNREC), Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ), Danish Energy Agency, VGB Powertech E.V. (VGB).