



Activities of the WFEO Committee on Engineering and the Environment, following the 2019 Melbourne Executive Council meeting

Summary: Since November 2019, the CEE has held meetings every two months, with a select group meeting additionally every month for the past six months to discuss the WFEO COP26 contribution. CEE meetings focus on the actions and progress of projects led by Theme Leaders.

Important activities since the 2019 Melbourne Executive Council meeting

- For World Engineering Day 2021 and in conjunction with ICE, the CEE published a series of WFEO climate stories blogs which were published on the WED and WFEO websites.
- WFEO published a position statement on post Covid-19 recovery (build back better) in June 2020. The CEE assisted with this statement.
- Projects have commenced for both the Mitigation and Adaptation Task Groups.
- The CEE has gained new members and held meetings every two months.
- The CEE has engaged with the signatories of the WFEO Declaration on Climate Emergency.
- The CEE has engaged with WFEO National Members on The Code of Practice on Principles of Climate Change Adaptation for Engineers. They have presented to NMs on this topic.
- The CEE is leading on the WFEO COP26 contribution, with an action group meeting each month.

Notable activities in greater detail

The WFEO Declaration on Climate Emergency

WFEO and the CEE launched the Declaration on Climate Emergency following its 2019 General Assembly in Melbourne, and in the frame of the COP25 held from 2 to 13 December 2019 in Madrid.

Climate Change Adaptation Task Group

This is led by Darrel Danyluk, an independent advisor to the CEE, and firstly aims to promote The Code of Practice on Principles of Climate Change Adaptation for Engineers by reaching out to National Members. It also aims to contribute to WFEO's presence at COP26.

Climate Change Mitigation Task Group

This is led by Professor Jianping Wu from Tsinghua University and CAST, and aims to produce a best practice report on climate change mitigation, starting with a pilot study.

COP26 activity

The WFEO delegates for COP26 are as follows:

Both weeks

Davide Stronati, Chair of the Committee on Engineering and the Environment (in person)

Milda Pladaite, Lead of Global Young Engineers Working Group on SDG 13 (in person)

Dawn Bonfield, Member of the Women in Engineering Committee (in person)

First week

Katie Momber, Secretary to the WFEO CEE (in person)

Lilian Coelho Ferreira, Member of the WFEO CEE (in person)

Hannah Besford, ICE staff helping to organise side event (in person)

Second week

Gong KE, President, WFEO (virtual)

Jacques de Mereuil, Executive Director, WFEO (virtual)

David Lapp, Member of the WFEO CEE (virtual)



Details of WFEO-organised events at COP26

WFEO-organised Side Event, in partnership with International Network of Women Engineers and Scientists (INWES) and Engineering Institute of Canada:

Title: Increased climate action, building resilience and lowering emissions: Lessons learned

Description: Showcasing the experiences and lessons learned from the engagement of women and young engineers, and the worldwide engineering profession, for increased climate action on reducing emissions and building the climate resilience of cities and communities with an eye to the future.

Speakers: Davide Stronati, Chair of the WFEO CEE; Prof. Jianping Wu, Tsinghua University; Milda Pladaite, Leader, WFEO Young Engineers WG on SDG13; Darrel Danyluk, EIC; Dawn Bonfield, Past President of Women's Engineering Society, and WFEO WIE committee member; Wai Yie Leong & Gail Mattson, INWES

Time and date: Saturday, 06 Nov 2021 at 16:45—18:00, in Multimedia Studio 2

Three events organised by Milda Pladaite's working group:

1. Deploying Global Youth Capacity in UN Organisations and Engineering for SDG 13, Thursday 4th November, 9am. At the Capacity Hub in COP26.
2. COP Resilience Hub - Enhancing Climate Resilience through water by building the capacity of Youth, 5th November 7pm BST (fully virtual)
3. International Chamber of Commerce - Closing the Youth Skills Gap to Fill Green Jobs of the Future 8 November 13:00-14:00 CET (this event is happening on the margins of COP, fully virtual)