

WFEO-CEE PROGRESS REPORT

FOR THE WORLD FEDERATION OF ENGINEERING ORGANISATIONS ALL COMMITTEES' CHAIRS COMMITTEE (CCC) MEETING IN PARIS

Name of CEE: WFEO Committee on Engineering and the Environment
Acting Chair : Dr. Yong GENG

Submission Date: 2 March, 2025

1. Webinar Event: Insights and Experiences from The sixth session of the United Nations Environment Assembly (UNEA-6)

On April 2nd, 2024, WFEO-CEE successfully organized a high-level webinar titled "Insights and Experiences from UNEA-6: A Virtual Sharing Session." The event featured distinguished speakers, including Mr. Nathaniel Matalanga, WFEO-CEE Vice Chair and WFEO National Member, and Ms. Lylian Coelho, WFEO-CEE member. The webinar provided an in-depth analysis of the outcomes of the United Nations Environment Assembly (UNEA-6), focusing on three key areas:

- Key outcomes of UNEA-6, including the adoption of critical resolutions and their implications for global environmental governance.
- The impact of UNEA-6 resolutions on global environmental governance, emphasizing how these decisions will influence international policies and frameworks.
- Networking and collaboration opportunities post-UNEA-6, encouraging participants to leverage the outcomes for fostering international partnerships and advancing collective action.

The webinar not only enhanced participants' understanding of UNEA-6 but also facilitated meaningful dialogue and connections among attendees. This event underscored WFEO-CEE's commitment to serving as a global platform for knowledge dissemination and collaboration in environmental engineering and sustainability.

2. Carbon Footprints as WFEO-CEE's Flagship Journal

In April, WFEO-CEE reached a significant milestone by formalizing an agreement with Carbon Footprints, designating it as the official flagship journal of WFEO-CEE. The journal's profile and objectives were prominently featured on the CEE website, enhancing its visibility and accessibility to a global audience. Carbon Footprints serves as a premier knowledge-sharing platform, providing WFEO members with opportunities to publish cutting-edge research, exchange ideas, and collaborate on innovative solutions to environmental challenges. Furthermore, WFEO-CEE extended an open invitation to its members to join the journal's editorial board, encouraging active participation in shaping the future of environmental engineering research. This initiative reflects WFEO-CEE's dedication to fostering academic excellence and advancing the global discourse on sustainability.

3. 2024 SDG International Graduate Students Summer Bootcamp Program

In July, WFEO-CEE, in collaboration with Shanghai Jiao Tong University (SJTU), launched the inaugural SDG International Summer School. The program attracted over 20 students from diverse geographical and academic backgrounds, creating a vibrant and inclusive learning environment. Over the course of two weeks, participants engaged in 32 hours of intensive coursework focused on climate action, sustainable development goals (SDGs), and environmental engineering. In addition to academic sessions, the summer school offered a range of practical activities and cultural experiences, enabling students to apply their knowledge in real-world contexts and fostering cross-cultural understanding. This annual initiative serves as a bridge between WFEO-CEE and the next generation of leaders, inspiring young talents to contribute to the fields of environmental engineering and global sustainability.



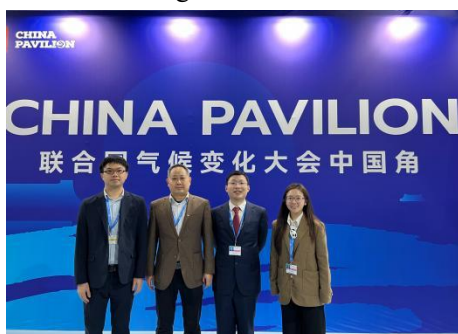
4. “Zero Carbon China” International Conference on Urban and Community Carbon Neutrality

In October, WFEO-CEE, in partnership with Shenyang Jianzhu University, hosted the International Conference on Urban and Community Carbon Neutrality in Shenyang, China. The conference brought together leading experts, researchers, and policymakers to discuss innovative strategies and technologies for achieving carbon neutrality. Ms. Ania Lopez, WFEO Executive Vice President, graced the event with her presence and delivered a keynote address, emphasizing the critical role of international collaboration in addressing climate challenges. Following the conference, Ms. Lopez was invited to Shanghai Jiao Tong University, where she delivered an academic lecture to faculty and students at the School of Environmental Science and Engineering. Her visit not only enriched the academic community but also strengthened the strategic partnership between WFEO and SJTU, paving the way for future collaborative initiatives.



5. COP29 China Pavilion Side Event: Green Low-Carbon Industry and Architecture in the Vision of Carbon Neutrality: Technological Breakthroughs and Policy Dialogue on the 3060 Path

On November 18th, WFEO-CEE, in collaboration with Shanghai Jiao Tong University and other esteemed partners, successfully organized a side event at the COP29 China Pavilion in Baku, Azerbaijan. The event focused on advancing global climate action through engineering innovation, sustainable practices, and policy advocacy. It provided a platform for sharing cutting-edge research, best practices, and collaborative strategies, reinforcing WFEO-CEE's commitment to contributing to the global climate agenda. This side event not only showcased WFEO-CEE's leadership in environmental engineering but also strengthened its presence on the international stage, fostering partnerships with key stakeholders and amplifying its impact in the fight against climate change.



6. Visit of WFEO President-Elect Tan Seng Chuan to Shanghai Jiao Tong University

In November, WFEO-CEE had the honor of hosting Mr. Tan Seng Chuan at Shanghai Jiao Tong University. During his visit, Mr. Tan delivered an academic lecture to faculty and students at the School of Environmental Science and Engineering, sharing his insights on the role of engineering in achieving sustainable development goals and addressing global environmental challenges. The visit was graciously hosted by Professor Ding Kuiling, President of Shanghai Jiao Tong University, who engaged in high-level discussions with Mr. Tan on deepening the collaboration between WFEO and SJTU. Both parties reaffirmed their commitment to leveraging international organizations to enhance educational and research initiatives, further solidifying WFEO-CEE's influence in the global engineering community.

