

WFEO-CEIT Activity Report 2020

WFEO-CEIT undertakes to lead the engineering profession worldwide towards promotion and application of engineering for innovative technologies for sustainable development and helping developing countries to close the technology gap which is essential to sustain the UN's 2030 Sustainable Development Agenda. SDG9 is focused.

CEIT Main Activities 2020

1. Membership Building

CEIT secretariat has sent out emails on membership renewal 2020, and immediately responded by our members. Now, we have 36 members from 27 countries.

2. Achievements in Focused Areas

- a. Released - Big Data and AI Principles in Engineering. The position paper on Big Data and AI Principles in Engineering has released on the first World Engineering Day, which aims to promote responsible conduct of big data and AI application and innovation in engineering. CEIT led in this work
- b. Set up the Big Data and AI Working Group. To better achieved in the focused areas, CEIT set up the Big Data and AI Working Group this year with experts from industry, academia and government.

3. Increasing the visibility and influence of WFEO and CEIT

- a. Assisted in organizing the Inaugural Celebration of the World Engineering Day for Sustainable Development.
- b. Led in organizing UN/WFEO Call for Innovations 2020 Youth Creativity for Sustainable Transport.
- c. Cooperated with the Committee on Young Engineers / Future Leaders (YE/FL) successfully organized the webinar "A Sustainable Future: Young Engineers and the Fourth Industrial Revolution (4IR)" on the 18th September, 2020.
- d. Jointly held the 2020 China Intelligent Industry Forum in the China International Fair for Trade in Services on 7th September, 2020.
- e. Jointly held the A-tech Science and Technology Elite Competition in IN.CLUSION Fintech Conference, during 24-26 September, 2020.

4. Support in WFEO Events

- a. Assisted WFEO Secretariat in organizing the United Nations High-level Political Forum Side Event Webinar on 9 July, focusing on the topic of "How the lever of science and technology can be used in peri-urban and urban environments to advance sustainable development: the case of

implementing Geospatial Engineering".

- b. Assisted in organizing WFEO's exhibition - "Engineering for Sustainable Development" in the 23rd China Beijing International High-Tech Expo (CHITEC) in Beijing from 17 to 20 September, 2020.

Future Working Plan

1. To strengthen the membership building work.
2. To continue doing the research in the field of big data and AI in engineering and facilitate the cooperation with other organizations. To develop more works in the Big Data and AI Working Group and attract more members to participate in.
3. To support the activities of the World Engineering Day, and continue promoting globally with the demonstration of how engineering creates better life.
4. To cooperate with WFEO STCs to organize training courses or lectures to transfer knowledge of innovative technology for continuing education.