The WFEO Engineering 2030 Plan

The WFEO Engineering 2030 Plan activates the WFEO vision and mission and demonstrates the commitment by WFEO, its members and partners, to advance the UN Sustainable Development Goals (SDGs) through partnerships with universities, governments, industry and WFEO members.

Major Initiatives

WFEO at the United Nations
WFEO co-chairs the Scientific and Technological Major Group at the United Nations with the International Science Council. WFEO participates in the High Level Political Forum and holds side events annually in relation with the UN SDGs.

WFEO and Capacity Building for Engineering
WFEO is working with its international partners to increase the number and quality of engineers through engineering education standards, the development of national engineering education systems including accreditation bodies, registration and professional engineering institutions.

WFEO and the UNFCCC and COP meetings
WFEO attends the UNFCCC meetings annually and organises side events at the COP meetings to represent the engineering view on climate change.

WFEO and Diversity in Engineering
WFEO is active in supporting diversity in engineering, better inclusion of women and young engineers, through dedicated committees and recognition awards.

WFEO and Africa and Small Island Developing States (SIDS)
WFEO is facilitating the development of engineering capacity in Africa and SIDS to support infrastructure growth, resilience against natural disasters and climate change impacts.

WFEO World Engineers Convention
This event is held every four years and is the “Olympics of Engineering”.

Graduate Attributes and Professional Competencies framework
In June 2021, International Engineering Alliance (IEA) approved the revisions to its Graduate Attributes and Professional Competencies (GAPC), supported by UNESCO and WFEO.

WFEO Academy website
Launched in March 2022, with UNESCO, www.wfeoacademy.com provides training for engineering educators and assessors of engineering education programs for accreditation purposes.

Some Publications

- Ctee on Energy
  - "Energy transition & Covid-19 crisis"
- Ctee on Water
  - "Adaptation to Climate Change"
- WFEO Engineering 2030 Plan

About Us

The World Federation of Engineering Organizations (WFEO) was founded in 1968 under the auspices of UNESCO and is the peak body for engineering, representing nearly 100 nations and some 30 million engineers.

WFEO is the international voice of engineering, recognised by the United Nations as a leading non-government organisation in science and technology. It works closely with UN bodies including UNESCO and other international organisations to address key global issues, especially to advance the United Nations Sustainable Development Goals through engineering.

Committees & WG

Our Committees and Working Groups are hosted by Members and advance the UN 2030 Agenda through a wide range of projects in engineering across the world:

1. WURC coordinates activities at the UN and other UN agencies
2. Engineering and the Environment
3. Energy
4. Water
5. Engineering Education
6. Information and Communication
7. Engineering and Innovative Technologies
8. Engineering Capacity Building
9. Disaster Risk Management
10. Anti-Corruption
11. Women in Engineering
12. Young Engineers/Future Leaders
13. Working Group on Infrastructure Report Card

World Engineering Day

A WFEO initiative led to the proclamation of this UNESCO Day, which will celebrate engineers and engineering every 4 March from 2020 onwards.

www.worldengineeringday.net
The World Federation of Engineering Organizations (WFEO) contributes to the work of international agencies on issues relating to engineering.

- Member of UN Major Group for Scientific and Technological Community. Recognised as an ECOSOC accredited body.
- Associate Status, collaborates on engineering issues including education, diversity, water, natural disasters, capacity building.
- Contribution to the Conference of the Parties (COP) events and to address climate change.
- Accredited organisation with contribution to various programs.
- Consultative status, contribution on engineering capacity building for social and economic development.
- Observer status and contribution to natural disaster risk mitigation through engineering.
- Observer status and contribution on energy and technology matters.
- Liaison organisation. In consultative status with several ISO technical committees.
- WFEO and FAO are preparing a number of joint projects in agrifood and engineering, to be announced by 2024.
- WFEO joined the International Telecommunication Union as a member in July 2023.
- Collaborates on engineering and integrity relating to anti-corruption, data and artificial intelligence.

The World Federation of Engineering Organizations (WFEO) is the international organization for the engineering profession.

WFEO/FMOI has more than 100 engineering institutions as members. It is the only body that represents all engineering disciplines at the World level.

“Engineers, men and women, are constantly innovating to meet the challenges of our world”

Excerpt from the message of Ms Audrey Azoulay, Director-General of UNESCO, on the occasion of World Engineering Day, 4 March 2023

“I also thank the World Federation of Engineering Organisations for its leadership of the profession internationally”

UN Secretary General Antonio Guterres, WFEO 50th Anniversary Conference, London, 22 October 2018