



**World Federation of Engineering Organizations**  
**Fédération Mondiale des Organisations d'Ingénieurs**

## **Outcome Statement and Action Plan**

### **Advancing the United Nations Sustainable Development Goals through Engineering in Africa**

The World Federation of Engineering Organizations (WFEO) is the peak body for engineering globally, representing nearly 100 nations and more than 30 million engineers. The members of WFEO are the main national and regional professional engineering institutions of the world. The Federation of African Engineering Organisations (FAEO) is an international member of WFEO. A number of professional engineering institutions in Africa are also national members of WFEO. WFEO has had a long association with FAEO and its national members. The Abuja Declaration signed by FAEO and WFEO, in December 2013, was a commitment to work together to improve the development of professional engineering institutions in Africa.

WFEO is committed to advancing the UN Sustainable Development Goals through engineering and signed a Declaration with UNESCO on 5<sup>th</sup> March 2018. WFEO has also signed agreements with international engineering organisations in engineering education, women in engineering and engineering employers. These partnerships provide an impetus to advance the UN 2030 Agenda through engineering, in Africa.

UNESCO, as the United Nations agency for education, science and culture, supports engineering through its Natural Science Division, and acknowledges engineering as a great means to achieve sustainable development, to progress capacity building education level and gender equality in developing countries, and safeguard world heritage.

The Africa Working Group on Natural Sciences comprises the UNESCO member delegations from Africa which has been formed to advance sustainable development through science, technology and engineering.

WFEO thanks the members of the Africa Working Group at UNESCO for the opportunity to discuss its work on engineering in Africa.

**CELEBRATING 50 YEARS OF INTERNATIONAL ENGINEERING LEADERSHIP**

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**WORLD FEDERATION OF ENGINEERING ORGANIZATIONS  
FÉDÉRATION MONDIALE DES ORGANISATIONS D'INGÉNIEURS**

WFEO is committed to working with the African Union, the Africa Working Group on Natural Sciences, the Federation of African Engineering Organisations and the national members of WFEO in Africa to:

1. Encourage young people to consider careers in engineering
2. Increase the numbers and quality of engineering graduates that have the capability to meet the needs of sustainable development in Africa
3. Develop strong institutions for the development of national engineering education systems to comply with international standards, including educational institutions and accreditation bodies throughout Africa;
4. Build strong professional engineering institutions to support engineers' education and recognition of professional credentials throughout Africa
5. Liaise with the African Union and governments to establish registration systems for the regulation of engineers for robust and consistent engineering and regional mobility
6. Provide support for women and girls in Africa to consider engineering as a career and establish life-long careers in this field.
7. Develop position papers and practice advice for engineers to support solutions for sustainable development in Africa in water, energy, sustainable infrastructure, climate change and natural disaster mitigation.
8. Increase awareness of the role of engineering in sustainable development through support for initiatives like World Engineering Day.
9. Work together with the national engineering institutions in Africa and FAEO to transform Africa through engineering to achieve the UN Sustainable Development Goals.
10. Work together with the Africa member nations to declare 4<sup>th</sup> March each year as World Engineering Day as a focal point to communicate on all aspects of engineering, initiate and advance projects for capacity building and progress sustainable development for all.

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