



## ***MEMORANDUM OF INTENT***

**Between**

***The World Federation of Engineering Organizations (WFEO)***

***And***

***The China Association for Science and Technology (CAST)***

***ON***

***ENGINEERING CAPACITY BUILDING FOR AFRICA PROGRAMME***

***MARCH 2025***

The World Federation of Engineering Organizations (WFEO) and the China Association for Science and Technology (CAST) (hereinafter referred to as the “Parties”), recognizing the alignment of their respective missions and objectives, and in accordance with the United Nations 2030 Agenda for Sustainable Development, the African Union’s Agenda 2063, and the China-Africa Cooperation Vision 2035, are committed to strengthening cooperation and exchanges.

**The Parties recognize the following:**

---

1. The 70<sup>th</sup> Session of the United Nations General Assembly adopted the resolution “Transforming Our World: The 2030 Agenda for Sustainable Development”. The 77<sup>th</sup> Session of the United Nations General Assembly adopted the resolution “International Decade of Science for Sustainable Development”. Both of the resolution seek to advance global sustainable development through science, technology, and innovation, serving as a critical foundation and driving force for achieving the United Nations Sustainable Development Goals (SDGs).
2. The “Pact for the Future”, adopted at the United Nations Summit of the Future, together with its annex, the “Global Digital Compact”, underscores the international community’s shared commitment to strengthening global cooperation in the digital transformation era and emphasizes the necessity of equipping developing countries with the tools to enhance their capacity in science, technology, and innovation.
3. The African Union Agenda 2063 envisions “an integrated, prosperous, and peaceful Africa, driven by its own citizens and representing a dynamic force in the international arena”.
4. President Xi Jinping of the People’s Republic of China proposed the “Global Development Initiative” at the 76<sup>th</sup> Session of the United Nations General Assembly. Furthermore, in his keynote address at the China-Africa Leaders’ Dialogue in August 2023, President Xi announced the “China-Africa Talent Development Cooperation Plan”.
5. The “China-Africa Cooperation Vision 2035”, jointly formulated by the Government of the People’s Republic of China and the African Union, sets out medium- and long-term objectives and strategic directions for collaboration, aiming to create a closer China-Africa community with a shared future.

**The Parties take note of:**

---

---

To effectively contribute to the achievement of both the Sustainable Development Goals (SDGs) and the African Union's Agenda 2063, it is imperative to strengthen Africa's engineering capacity across several critical areas:

- Enhancement of Engineering Education and Training
- Development of Robust Engineering Accreditation Systems
- Strengthening Infrastructure and Technological Capabilities
- Promotion of Gender Equality and Inclusiveness in Engineering
- Improvement of Engineering Governance and Programme Management
- Fostering International Cooperation and Partnerships

Given the missions of WFEO to “Engineer a Sustainable World” and CAST’s commitment to leveraging science, technology, and engineering for the benefit of China and the world, the Parties recognize the alignment of their missions and visions and agree to cooperate on the basis of mutual benefit under this Memorandum of Intent to jointly implement the “Engineering Capacity Building for Africa Programme”, as detailed below:

The “Engineering Capacity Building for Africa Programme (ECBAP)” is envisioned as a ten-year long initiative aimed at improving Africa’s engineering education accreditation system, enhancing the professional competencies of African engineers, and promoting the sustainable economic and social development of African countries.

**The programme aims to achieve the following objectives:**

---

1. Development of an engineering education accreditation system:

Supporting African engineering institutions (FAEO and associated bodies) in jointly establishing standards and accreditation systems for engineering education, enabling the creation of national accreditation bodies for engineering programs, and promoting the substantial equivalence of African engineering education with international standards.

2. Advancement of continuous professional development for engineers:

Assisting African countries in establishing frameworks for the continuous professional development of engineers, including the development of training curricula and the organization of professional seminars. Supporting the capacity-building of African engineers in independent innovation to enhance and improve the localized application of advanced technologies. Promoting greater participation of women in engineering fields to ensure equal opportunities and diversity.

3. Promotion of the achievement of sustainable development goals:

Disseminating the best engineering practices of realizing the SDGs, with a particular focus on

---

enhancing the capabilities for green engineering and digital transformation. Supporting Africa in achieving the United Nations Sustainable Development Goals and the African Union's Agenda 2063.

## **Responsibilities of the Parties:**

---

### **1. Joint Responsibilities**

#### *Strategic Planning and Implementation:*

Provide strategic oversight and develop annual and mid-term action plans to ensure that programme activities align with globally recognized agendas, United Nations Sustainable Development Goals and "International Decade of Science for Sustainable Development" strategies.

#### *Operational Mechanism Establishment:*

Establish a Steering Committee jointly with other partners, which shall be responsible for the strategic guidance and overall coordination mechanisms of the project; and establish an Expert Committee to ensure that it provides scientific guidance and evaluation for the project; and establish an International Program Office, which shall be in charge of planning, overall coordination, and the organization and implementation of the project.

#### *Monitoring and Evaluation:*

Lead the monitoring and evaluation of programme implementation to ensure the achievement of objectives. Enhance the programme's impact through the identification and dissemination of best practices.

#### *Funding Support and Resource Mobilization:*

Leverage collective expertise and networks in engineering and related capacity-building initiatives. Explore innovative and diversified funding mechanisms to expand funding channels for the "Engineering Capacity Building for Africa Programme". Ensure long-term financial stability and sustainability throughout the ten-year programme period.

### **2. Responsibilities of the World Federation of Engineering Organizations (WFEO)**

#### *Facilitating Global Cooperation and Resource Sharing:*

Promote collaboration with its global network of member engineering organizations, government bodies, and other stakeholders to enhance the active support of the international engineering community to the "Engineering Capacity Building for Africa Programme". Facilitate the dissemination of knowledge and resources through its member institutions.

#### *Development of Technical Standards and Certification Systems:*

Leverage on FAEO memberships, networks and expertise to support African countries in establishing engineering certification systems aligned with international standards, advancing globally recognized accreditation for engineering education and professional qualifications.

---

---

*Professional Development and Training:*

Provide opportunities for African engineers to enhance their professional skills and expertise in engineering innovation and sustainable development technologies through targeted training programs.

*Promoting Gender Equality and Inclusion:*

Advocate for increased participation of women in the engineering sector, ensuring equitable rights, opportunities, and fostering inclusive development practices through the FAEO structure.

**3. Responsibilities of the China Association for Science and Technology (CAST)**

*Financial Support and Sponsorship:*

Nominate persons to participate in the Steering Committee and Expert Committee; support the establishment of the International Program Office at Nankai University in China and provide seed funding to ensure the establishment and operation of the office.

*Strengthening Collaborative Partnerships:*

Foster partnerships between Chinese and African engineering organizations to support the integration of Africa's engineering sector into global engineering networks.

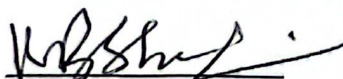
*Capacity-Building and Technical Training:*

Leverage China's engineering education resources and partner institutions to offer continuing professional development programs and technical training tailored to the needs of African engineers.

***Notification***

---

*IN WITNESS WHEREOF, the Parties, including WFEO and CAST, each acting through their duly authorized representatives, have executed this Memorandum of Intent to affirm their collective commitment to the objectives set forth herein.*

SIGNED by 

*On behalf of WFEO*

SIGNED by 

*On behalf of CAST*