



ENGINEERING CAPACITY BUILDING FOR AFRICA PROGRAMME

World Federation of Engineering Organizations (WFEO) proposes a 10-year initiative, leveraging Capacity Building for sustainable development in the context of global digital transformation.



01 The programme aligns with

- UN 2030 Agenda for Sustainable Development**
 The *Global Sustainable Development Report (GSDR) 2023* incorporated **capacity building** as one of the five levers to promote the achievement of the Sustainable Development Goals.
- African Union Agenda 2063**
 "There was a need for a strategic approach that prioritizes areas of **capacity challenges** that can unlock potential for the implementation of the African Union Agenda."
- International Decade of Sciences for Sustainable Development**
 On 25 August 2023, the 78th United Nations General Assembly adopted a resolution proclaiming 2024–2033 as the **International Decade of Sciences for Sustainable Development**, and highlighted the importance of financing and **capacity-building**.
- UN Resolutions of AI in Engineering Capacity Building**
 Resolution A/RES/78/265: Seizing the opportunities of safe, secure, and trustworthy artificial intelligence systems for sustainable development
 Resolution A/RES/78/311: Enhancing international cooperation on capacity-building of artificial intelligence
- The Pact for The Future and Global Digital Compact**
 The international community's shared commitment to strengthening global cooperation in the era of digital transformation, while emphasizing the need to equip developing countries with the necessary tools to enhance their capacity in science, technology, and innovation.

02 Partners



03 Objectives

- Enhance Capacity in Engineering Education**
 - to improve the quality and relevance of engineering education across the continent, which is the foundation of engineering capacity.
- Enhance Capacity in Continuous Professional Development**
 - to empower engineers with advanced technical and soft skills of digitization and green transitions.
- Enhance Capacity in Technology Transfer**
 - to increase the capacity of adoption and application of the transferred technology in specific local conditions and to address the local challenges in implementing the SDGs.

04 "Digital + Engineering" Entry Points



05 Organizational Structure



06 Implementation Strategy

● 10-year programme with 3 phases

