United Nations | Department of Economic and Social Affairs
Sustainable Development

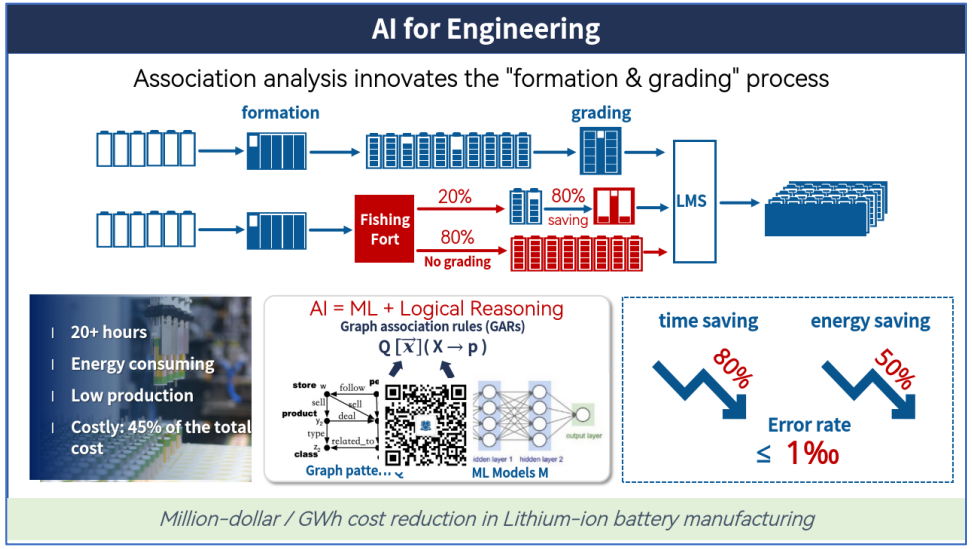
SUSTAINABLE DEVELOPMENT GOALS

AI for Engineering

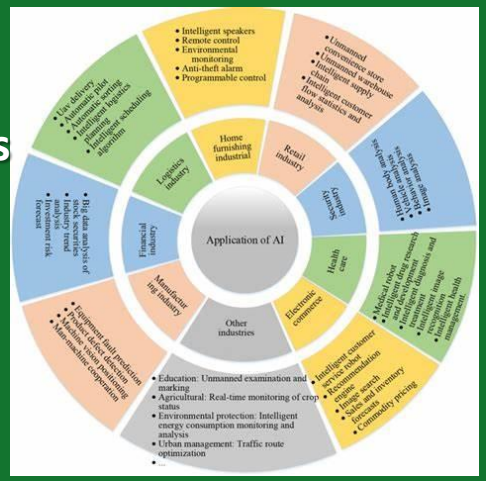
Integrating AI into engineering to transform traditional engineering and improve thecapability of engineering in solving real world problems.

Engineering for AI

Adopting engineering norms and standards for transforming AI from technical R&D to actual application, including model construction, verification, deployment and maintenance.



- Integrating Multidisciplinary Knowledge and Resources
- Standardizing the Application of AI
- Promoting Sustainable Development of AI



Engineering Capacity

WFEO / FMOI

May 6, 2025

ESA

United Nations | Department of Economic and Social Affairs
Sustainable Development

SUSTAINABLE DEVELOPMENT GOALS

AI in Engineering Practice

Real needs oriented

Locally organized

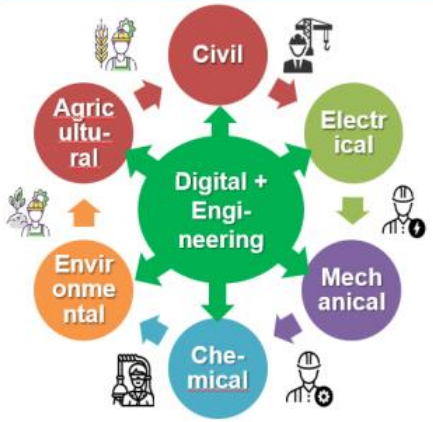
Academy support

Industry support

Moderate fee

Offiacially recognized

International Programme for Africa, in Africa, but not by Africa alone



Pool of international experts, courses and tools, funds

"The digital revolution and AI are changing our world and our lives. They can turbocharge sustainable development and could be a game-changer for the Sustainable Development Goals."

WFEO / FMOI

Engineering Capacity Building for Africa Programme

May 6, 2025

ESA