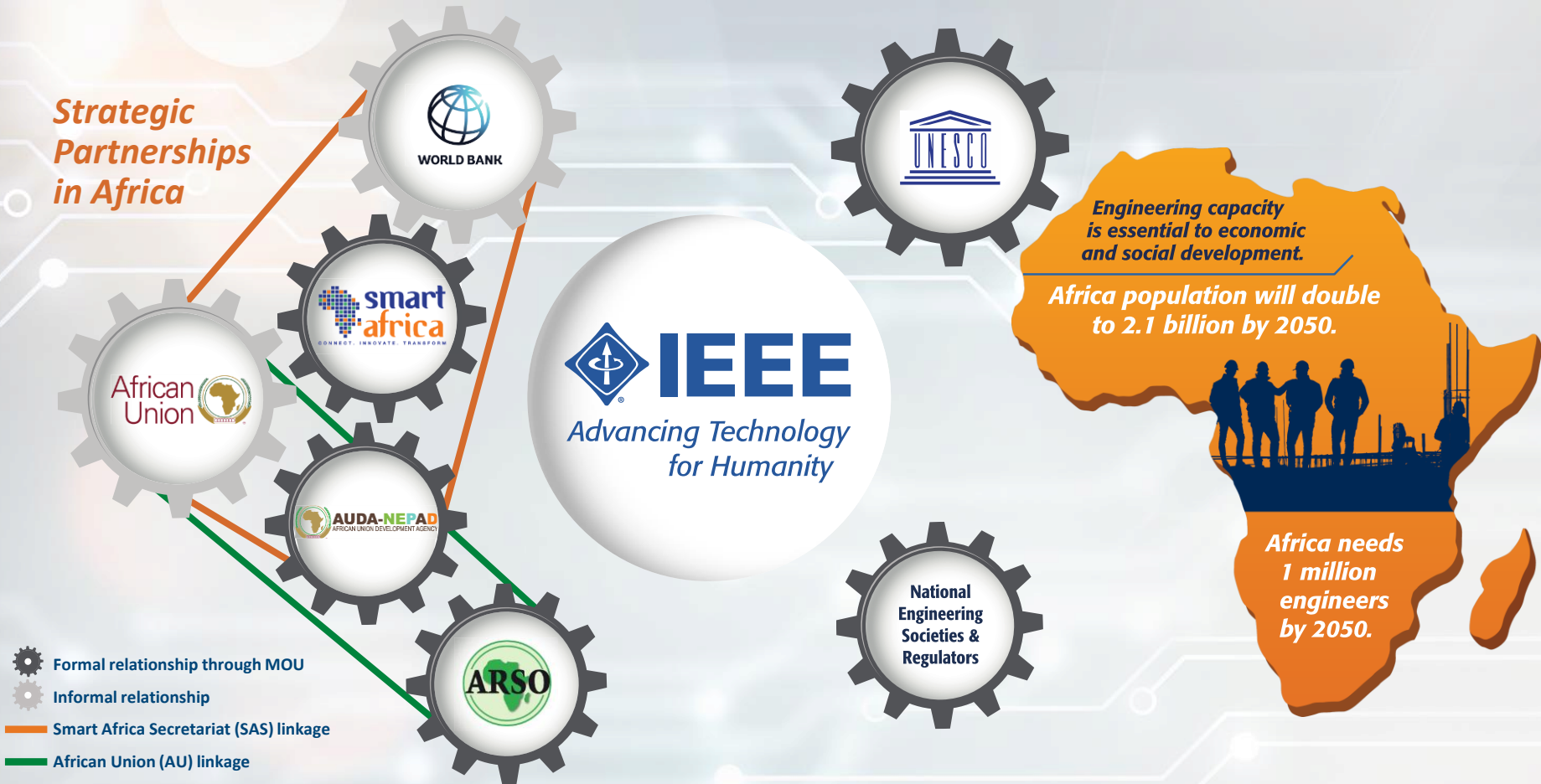


IEEE: Supporting the Expansion of Engineering Capacity in Africa



Strategic Partnerships in Africa

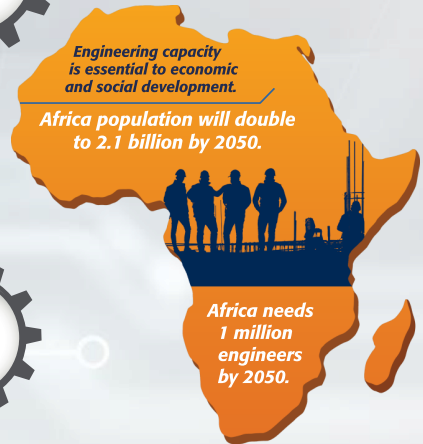


IEEE: Supporting the Expansion of Engineering Capacity in Africa



Strategic Partnerships in Africa

-  Formal relationship through MOU
-  Informal relationship
-  Smart Africa Secretariat (SAS) linkage
-  African Union (AU) linkage



IEEE ENTITIES INVOLVED:

- IEEE Africa Council
- CA: IEEE Corporate Activities
- EA: IEEE Educational Activities
- MGA: IEEE Member & Geographic Activities
- MSD: IEEE Marketing, Sales, & Design
- NIC: IEEE New Initiatives Committee
- SA: IEEE Standards Association
- TA: IEEE Technical Activities

UNESCO

MOU (2012-2022)

MOU areas of cooperation in projects and initiatives in Africa, in the areas of education and science and technology.

- IEEE REACH/UNESCO Africa Pilot to deliver lesson to undeserved pre-university girls. UNESCO will present model to be a part of its global Associated Schools Network.
- TryEngineering.org 150 Lesson plans translated to Swahili

CA, EA, MSD, TA

World Bank

Collaborate on anticipated WB Project to Modernize & Reform CS & EE Program

IEEE will support the proposed digital transformation project by leveraging knowledge and technical expertise of members by:

- Internally convene IEEE Joint Committee of high level volunteers in 8 areas of technical experts as defined by WB
- Work with WB to identify and specify levels of requirements and commitments

CA, EA, MSD, TA

African Organisation for Standardisation

MOU (signed 2018–ongoing until terminated)

General cooperation on capacity building and strategic topics.

- ARSO leads the African Standardization Strategy for the 4th Industrial Revolution (ICAID)
- Building Wireless Community Networks—skills development program focused around wireless networks driven by IEEE Blended Learning Program (BLP)

CA, SA

SAS

MOU (2017-2020)

General to collaborate in the development of suitable IT and engineering public policy to support regional development plans.

- SAS AI Roadmap working group
- SAS Digital Identity Project SMEs
- SAS Digital Academy Roadmap
- Potential for discounted IEEE memberships
- Potential sales IEEE *Xplore*® Digital Library, IEEE Electronic Library (IEL)
- IEEE Society memberships
- ComSoc Comm Society, PES- & short courses

CA, EA, MGA, MSD, SA, TA

AUDA-NEPAD

African Union Development Agency

MOU (2017-2020)

Developing a 3-year action plan that links with and leverages the relationships with WB and SAS, as well assist in the continental energy masterplan

- IEEE SMEs
- Information sharing A4IR ICAID, Open Data, Webinars
- Potential for discounted IEEE memberships
- IEEE IEL Sales
- IEEE Society memberships

CA, MGA, MSD, SA, TA

National Engineering Societies & Regulators

PROJECT

IEEE New Initiatives Committee Proposal (NIC)—IEEE Continuing Education for Engineering Professionals in Africa

NSAs with African National Engineering Societies and Regulators

CA, EA, TA

*AU IEEE engagement is with AU affiliated entities