

The programme “**Emerging African Innovation Leaders - G7 exchange & empowerment program for enabling innovation within the next production revolution**” (www.africanlead.net), jointly managed by Politecnico di Milano and Politecnico di Torino, was launched in April 2018 with the support of the Italian Agency for Cooperation and Development (AICS), as an output of the dedicated outreach session on Africa during the G7 Summit in Taormina, under the Italian Presidency.

The programme focuses on developing stable relationships between Italian companies in the **Green and Digital sectors and Innovation Leaders in 6 African countries**, in order to promote innovation and entrepreneurship in those countries.



PAESI TARGET
ETHIOPIA
KENYA
MOZAMBIQUE
NIGER
NIGERIA
TUNISIA

TIMEFRAME
18 Months
(Apr 18 - Oct 19)



1ST GENERATION
21 Experts
selected among over
450 candidates

2ND GENERATION
270 Experts
selected by the
1st generation

MOZAMBIQUE

SMART ECOSYSTEM FOR TECHNOLOGY AND KNOWLEDGE GROWTH IN MANUFACTURING

EMERGING AFRICAN INNOVATION LEADERS
G7 exchange & empowerment program for enabling innovation
within the next production revolution

AID 11346

SMART ECOSYSTEM FOR TECHNOLOGY AND KNOWLEDGE GROWTH IN MANUFACTURING

Issue addressed

- Internet access
- Access to professional training
- Access to skilled workforce

Description

The project aims to address issues around the availability of skilled workforce for qualified jobs using an innovative digital platform on Mozambique's already existing optical fibre internet network, MoRENet. The platform would facilitate the transfer of knowledge and technological skills from global industry leaders (e.g. the oil and gas sector in the country) to both talent in Mozambique and the local manufacturing industry especially in sectors that are a national priority such as "agri-food". The project's objectives are to: (i) extend internet access across the country; ii) raise awareness and educate talent and professionals on global technological trends, digital skills and ecological sustainability practices, hence increasing their employment opportunities in the agricultural, extractive and manufacturing sectors, and their competitiveness in the future labour market; iii) promote inclusive development using innovative knowledge transfer and collaboration methods through online lessons and face-to-face workshops.

Opportunities for Italian companies

The Mozambican government's five-year plan (2015-2019) emphasises agricultural and industrial development as a basis for the country's socio-economic growth. The plan presents five strategic pillars and supports infrastructure expansion as a key element to improve business sectors, economic diversification and access to markets.

Strategic value

The extractive sector (including oil and gas and mines) was the driving force behind the recent improvement in growth, with a double-digit increase in GDP in 2016 and 2017. Gas discoveries on the shores of the Rovuma Basin are a major opportunity to lift the Mozambican people out of poverty in the near future but, to meet this objective, they need to be technically and academically trained to become a modern, highly qualified workforce. This process started by attracting young talent at secondary school level, exposing them to courses in Science, Technology, Engineering and Mathematics (STEM), and it continues with dedicated support at university and post-university level. Finally, it emphasises the need for qualified workforce in the manufacturing, extractive and local agricultural industry to be supported through professional development courses and workshops.