



TOSHIBA



TOSHIBA Profile & Business in Africa

Partnership for better future

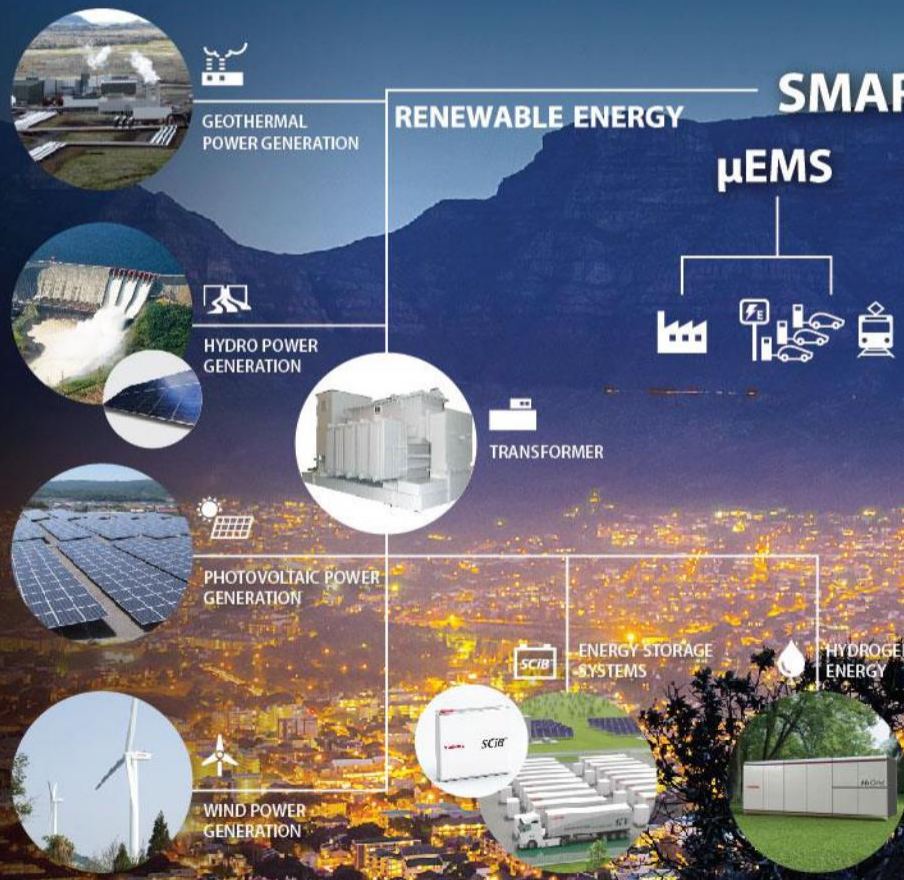
Toshiba Africa (Pty) Ltd
October 2018

Toshiba in Africa Total Smart Solution to Enhance People's Lifestyle in Africa

Transmit Energy



RENEWABLE ENERGY



SMART GRID

μEMS

MDMS



Make Energy

Store Energy

Smart Use of Energy



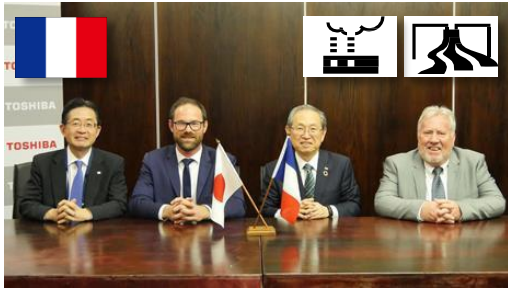


**Toshiba's technology &
skill development
in Africa**

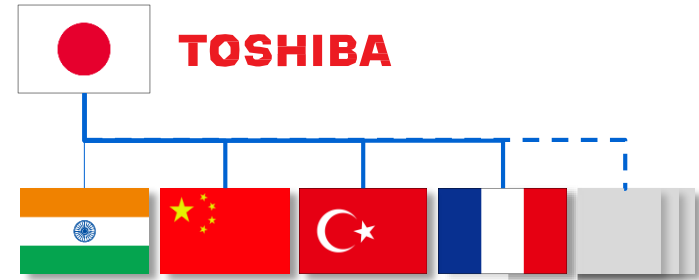


Collaboration with Other Countries for African Development

Toshiba is collaborating with French, Chinese, Indian and Turkish companies for energy projects by utilizing renewable energy such as hydro and geothermal, increasing electrification rate and reducing distribution losses in Africa.



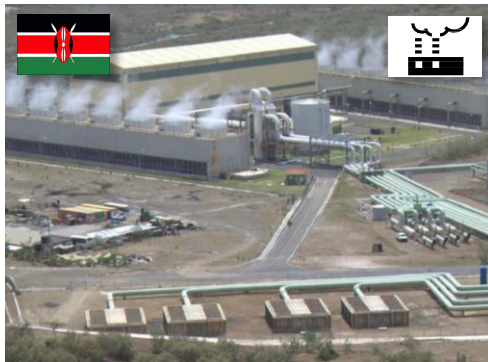
Toshiba has signed MoU with Vinci Construction, France to develop cooperation for the construction of **hydro and geothermal plants** in Africa.



Utilization of renewable energy



The leading hydro technology of Toshiba and Powerchina creates the world best performance for providing the Hydro Products for 13 years.



Transmission & Distribution



Toshiba T&D India supplied more than 30,000 units of Transformers to African countries and contribute increasing electrification and reducing distribution losses.

Geothermal energy development in Africa

Toshiba has signed MoUs with utilities and ministries of 5 African countries for technology transfer and skill development for geothermal energy system



MoU ceremony at Japan Africa business forum 2018



Geothermal energy training

Toshiba has conducted training in Japan for African utilities to develop their knowledge and understanding about geothermal energy system

Geothermal site visit



15 Ethiopia Electric Power delegates including Deputy CEO of EEP and Director of Ministry of Water Irrigation and Energy site visiting.

Toshiba Keihin Product Operations



Training at our factory for Tanzania Ministry of Energy and Minerals and Tanzania Geothermal Development Company Ltd

Africa Business Education (ABE) Initiative

Toshiba has hosted numbers ABE initiative students and interns since 2014



Our vision in developing business in Africa

Continuous collaboration between public and private sectors

- **Human resource and skill development programmes with long term vision**
 - Continue ABE initiative
 - Develop other training / education funding scheme for both short and long term
 - Host education and training in Africa for foreign students and business people
- **Continue dialogues to strengthen network between Government/ International organisations and Private companies at “TICAD” and beyond**





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