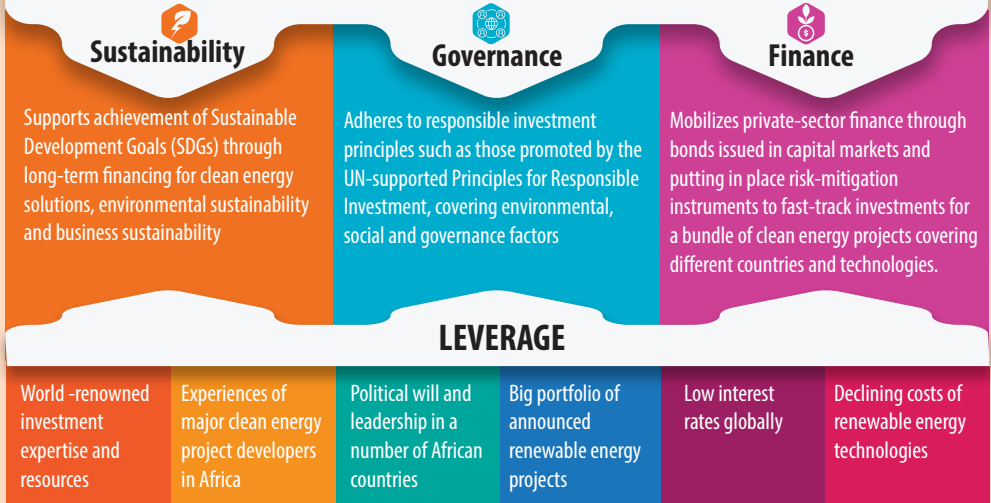


# ECA's SDG7 initiative for Africa

The initiative is a mechanism built on three pillars - sustainability, governance and finance – to bring together countries, financiers and developers of clean energy projects to align interests and combine scale and speed to fast-track financing from the private sector for deployment of clean energy in Africa.



10,000 megawatts (MW) of renewable electricity capacity in Africa by 2025. Initial pilot countries include Angola, Ethiopia, Kenya, Morocco, Senegal, South Africa and Togo.

## Climate change – managing risks and harnessing opportunities

Climate change, population growth, economic growth, industrialization, rising middle class, urbanization leading to increased demand for energy. Climate change poses risks and opportunities to secure, reliable and affordable energy

All African countries have submitted nationally determined contributions to climate action (NDCs) under Paris Agreement



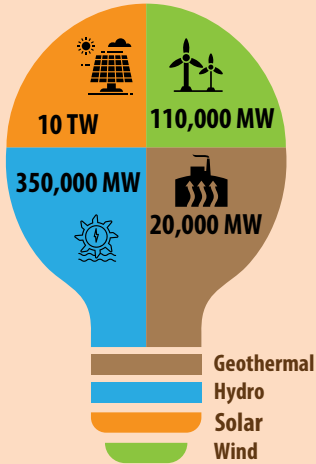
22,000 MW clean power actions in Africa's NDCs – close to US\$ 50 billion of investment

Room for greater ambition. Can realistically add 200 GW by 2030 ~ investment opportunity of about US\$400 billion.

# Africa – an energy paradox

Close to 600M people without access to electricity and same number in 2030 unless urgent and transformative action taken now

Abundant renewable energy resources



230 GW

Africa installed electricity capacity

2000 GW

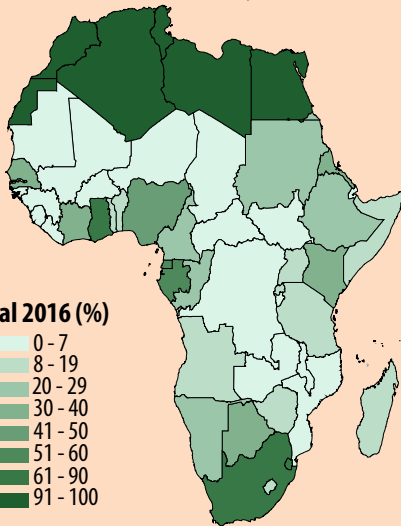
China installed electricity capacity

360 GW

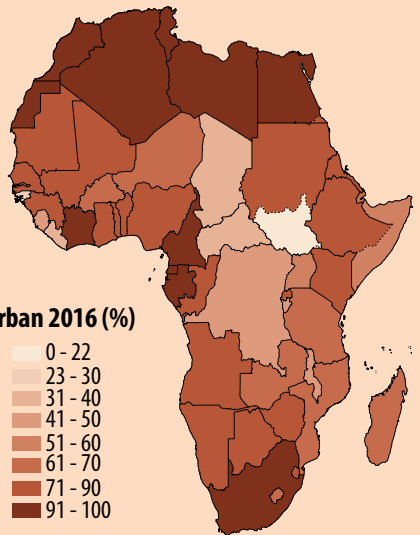
India installed electricity capacity

Excluding South Africa and North African countries, the rest of Africa has approximate installed capacity as South Africa ~ the amount of solar PV capacity China added in 2017 alone

Percentage of rural population with access to electricity



Percentage of urban population with access to electricity



Country	Project	Financial Close (Date)	Tariff @ FC	Technology
South Africa	REIPPPP 4	N/A	ZAR 65c / kWh (average)	Solar & Wind
Morocco	Noor Power Plant	12 May 2015	EUR 4.2c / kWh	Solar CSP
Zambia	Scaling Solar: Bangweulu	December 2017	USD 6.015c / kWh	Solar PV
Namibia	Hardap	H1 2018	USD 6.05c / kWh	Solar PV
Senegal	Scaling Solar: Kahone	September 2017	EUR 3.8016c / kWh	Solar PV

Increasing experience in Africa with deployment of non-hydro renewables – so far at close to 9,000 MW, with most of this capacity delivered by independent power producers with competitive tariffs.