



AFRICA⁵⁰

Overview of Infrastructure projects in Africa

Construction Summit EMEA 2022

9 June 2022

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WE ARE...

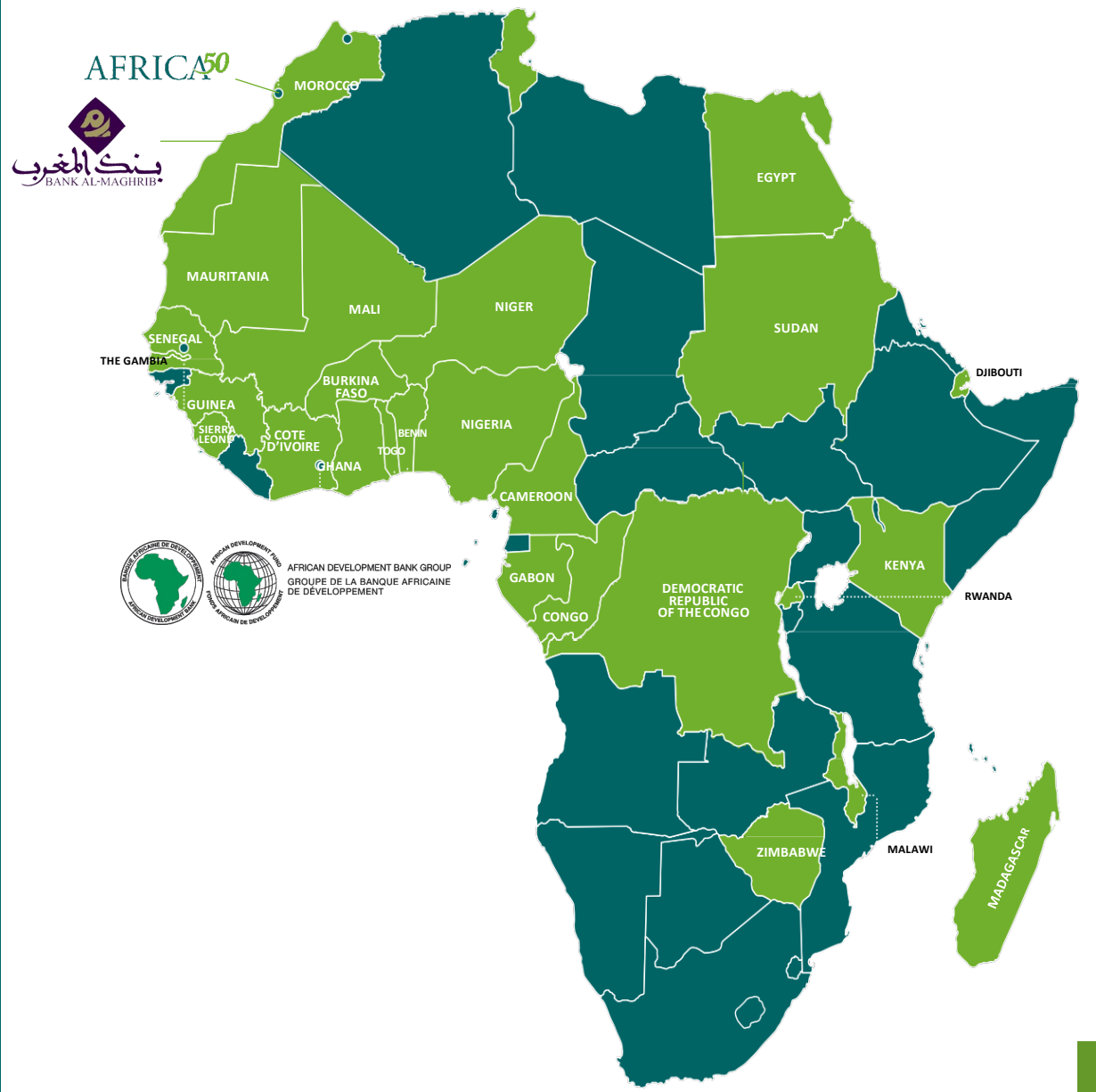


Established by African governments and the African Development Bank to help **close the infrastructure financing deficit** on the continent.

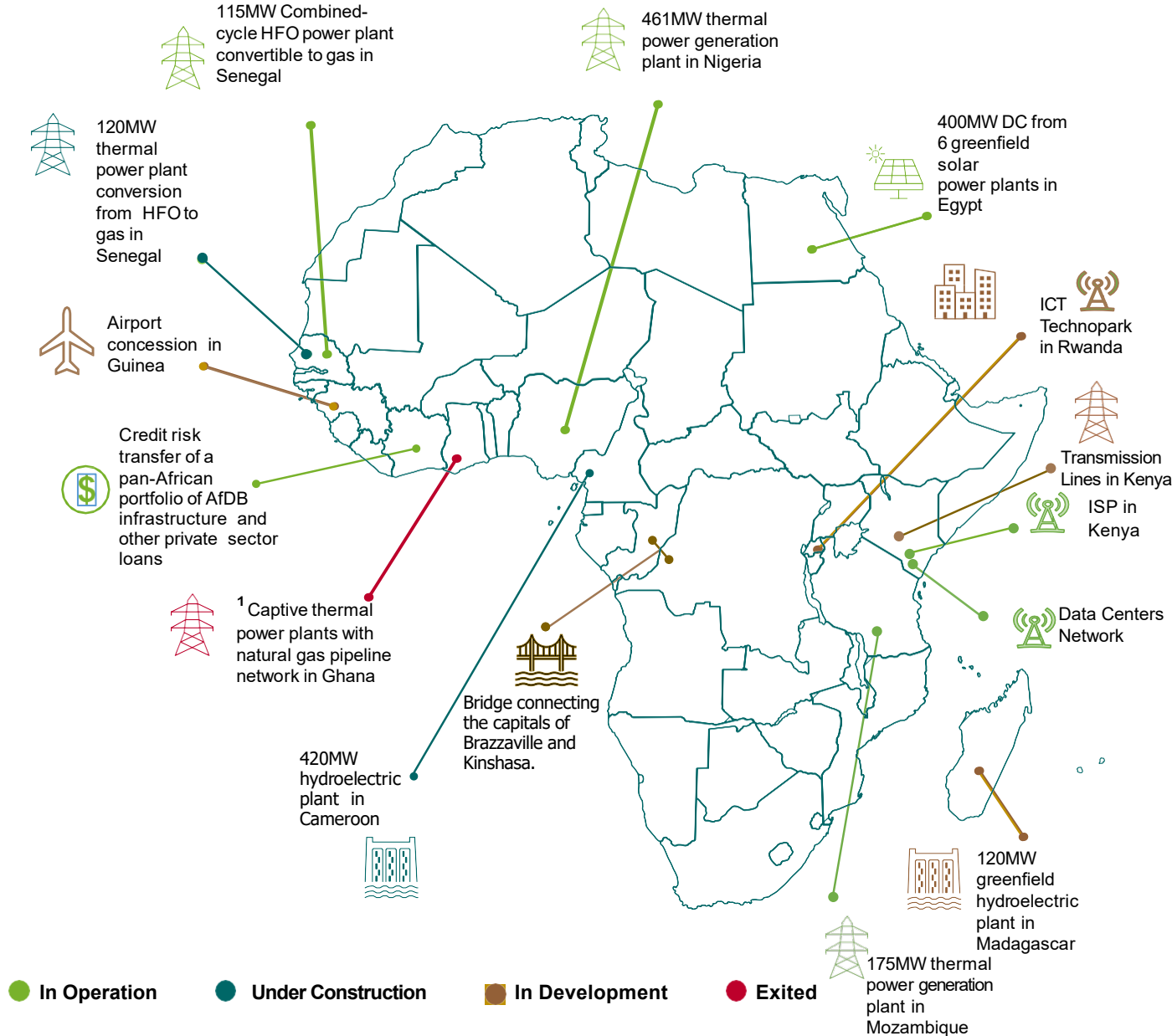
Africa50's mandate is to **DEVELOP** a pipeline of bankable infrastructure projects, **ACCELERATE** private investment into African infrastructure; and **MOBILIZE** public and private sector funding to finance infrastructure on the continent.



OUR SHAREHOLDERS

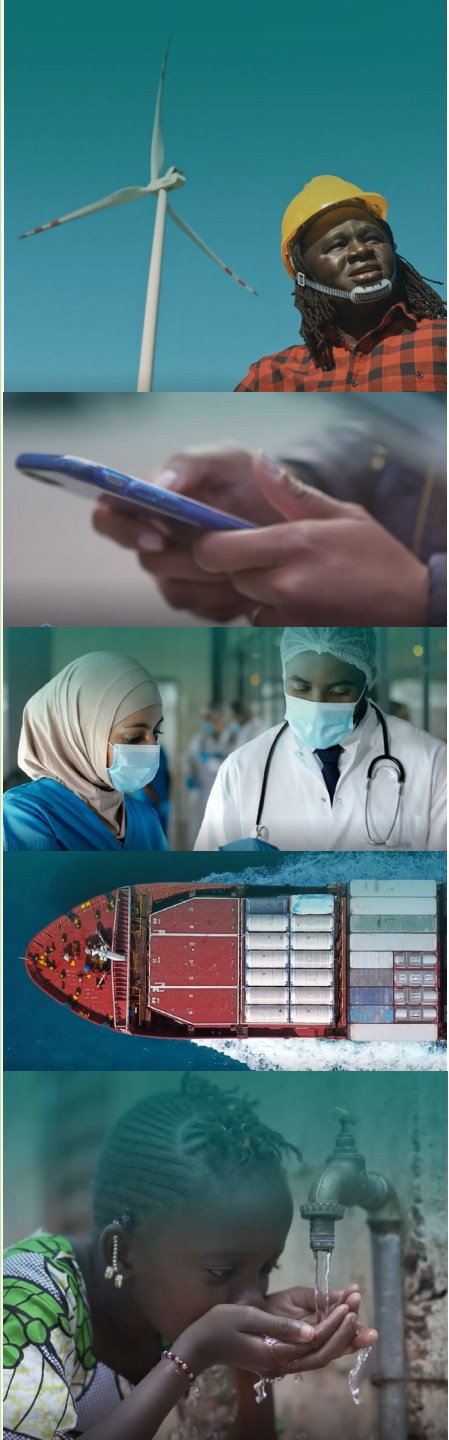


Our Investment Portfolio



- Africa50 has successfully developed a diversified development and investment portfolio of 8 assets in operation, 2 under construction, and 5 in development.
- 3 operational assets were developed from early-stage through financial close, construction, and eventually to operation.
- Several projects in development and investment pipeline.

¹ Exited in January 2021



Demographic drivers



2.4 billion by 2050, from 17% to 26% of global population



120 cities of more than 1 million inhabitants



Increased decentralization and regionalisation

Socio-economic drivers



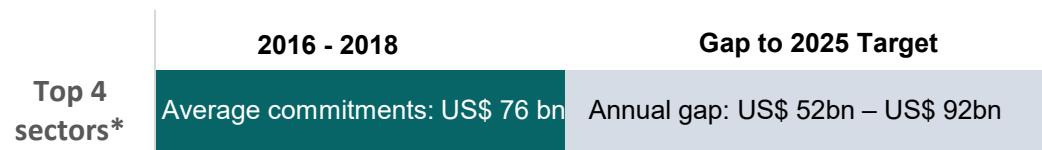
> 600 million Africans lack access to energy



42% without basic water supply (and 72% without basic sanitation)

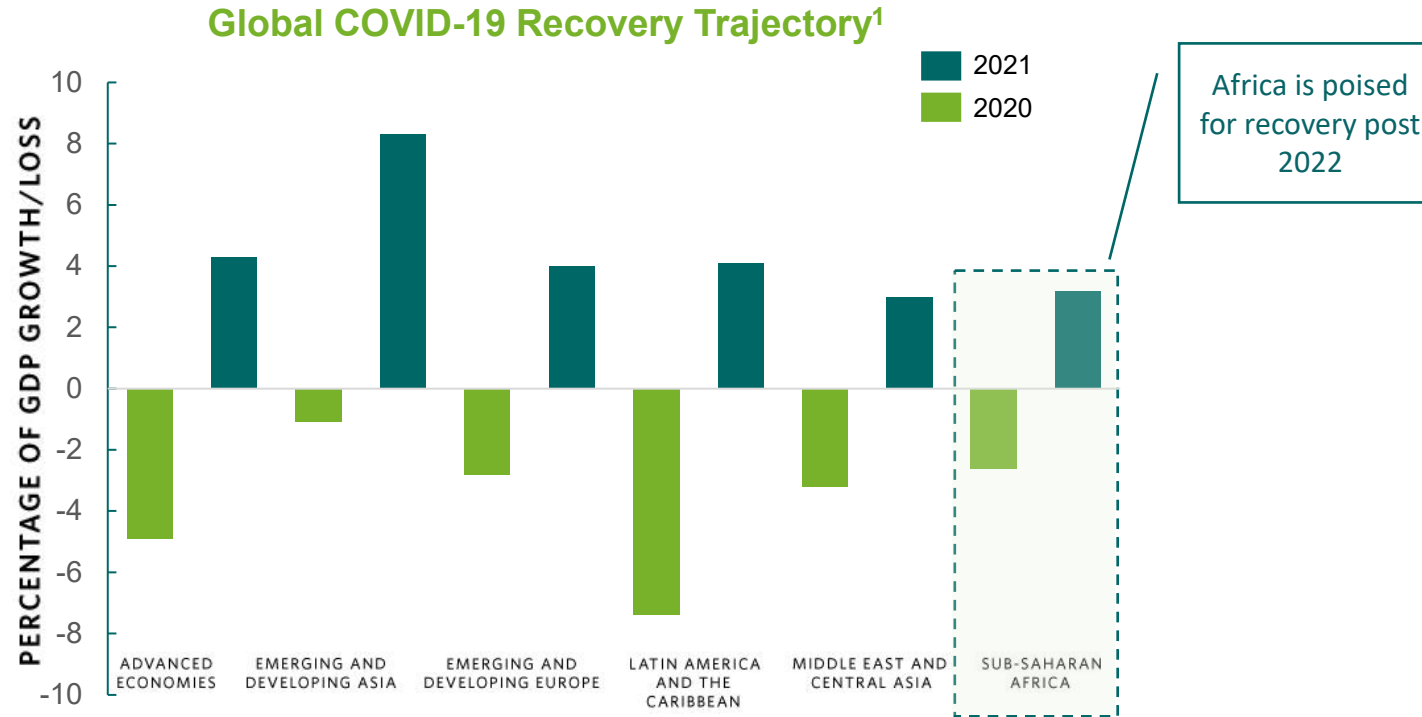


~ 25% internet penetration lower than the rest of the world

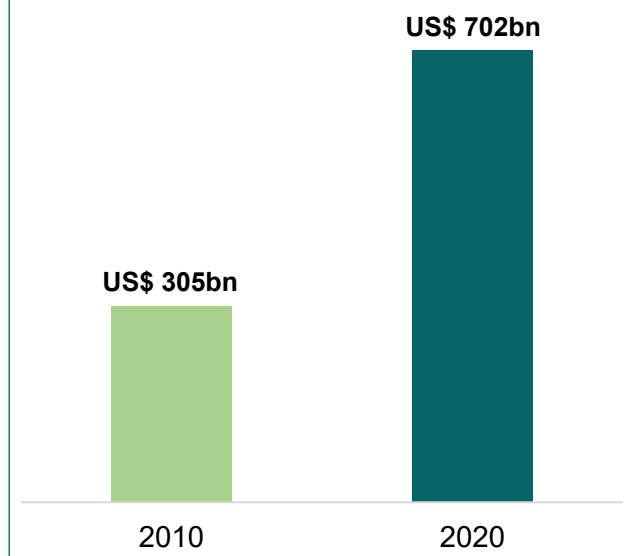


*Energy, transport, water and ICT

COVID-19 has further widened this funding gap, shifting priorities for African government as they focus on recovery....



Snapshot of rising debt levels on the continent²



...but its impact highlights opportunities to explore

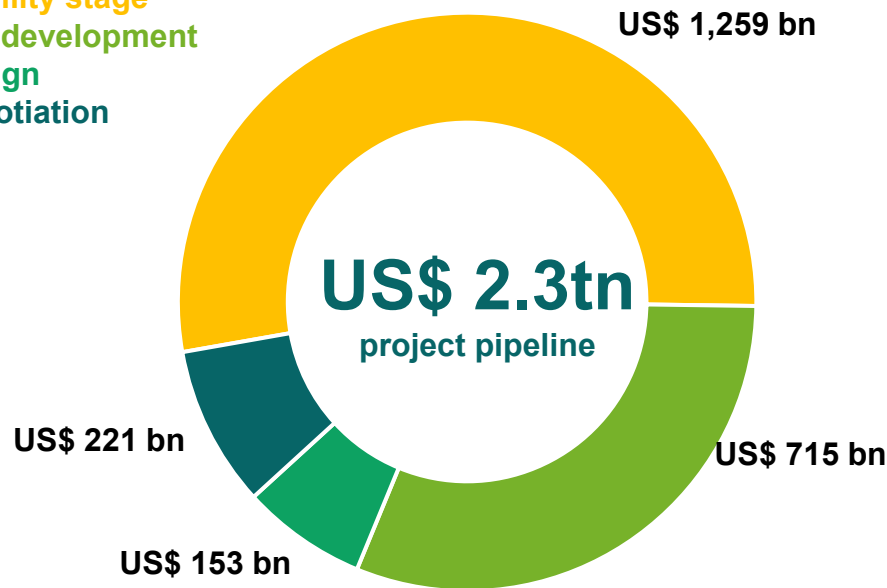
Sources: 1. "World Economic Outlook Update" IMF January 2022, 2. World Bank Group, International Debt Statistics 2022

The African infrastructure sector presents a significant opportunity

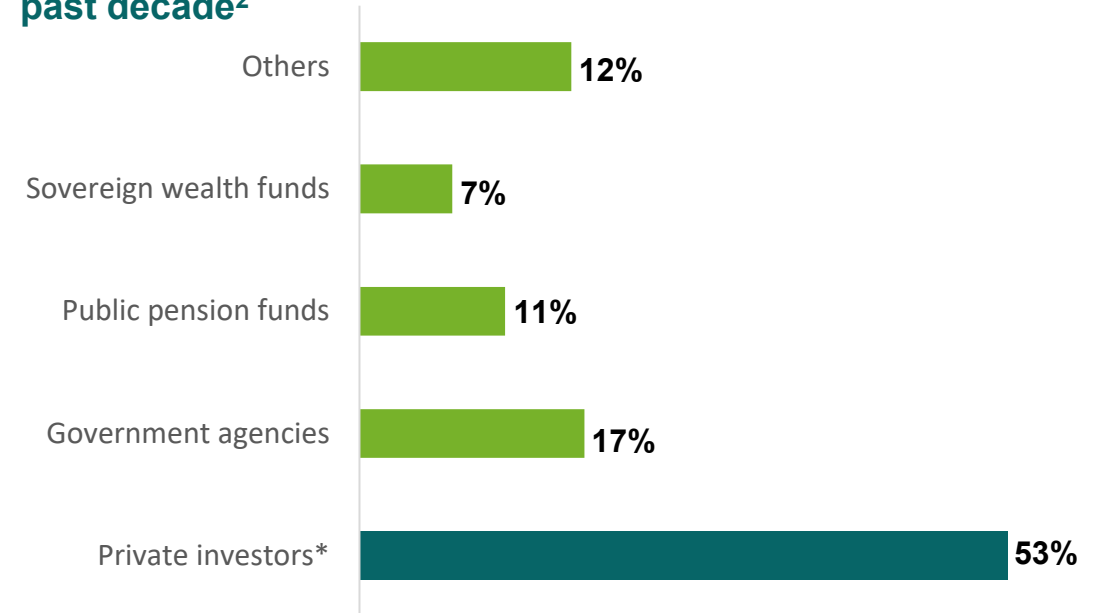
Africa's project pipeline over the period from 2020-2028 is estimated at US\$ 2.3 trillion¹

Legend

- Feasibility stage
- Under development
- In design
- In negotiation



Types of investors who have been actively exploring and have committed capital to African infrastructure over the past decade²



*Private investors include private pension funds, corporate investors, family offices, investment offices and investment banks

Increased demand for infrastructure and their catalysts

- **Healthcare** and **education** as post COVID-19 recovery emerging sectors
- **Critical** infrastructure for a young and growing population
- **Transport** and **cross-border** infrastructure in anticipation of AfCFTA

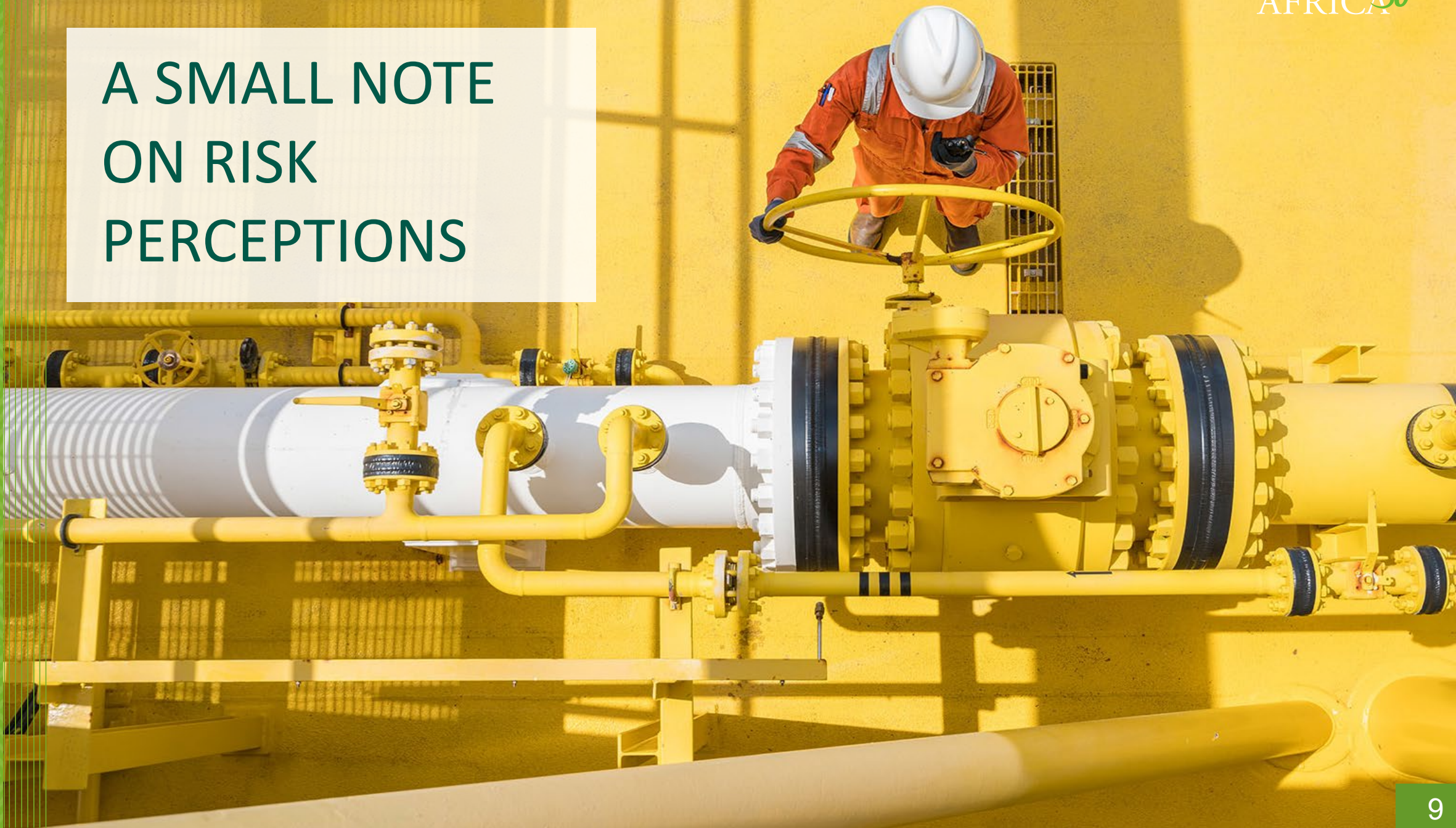
BENBAN SOLAR POWER PLANTS

EGYPT



Six solar power plants
totaling 400 MW

A SMALL NOTE ON RISK PERCEPTIONS



MECHANISMS TO MOBILIZE CAPITAL

Political will and leadership: PPP units

- ✓ Potential to align and coordinate on regulations and priorities
- ✓ Reduce friction from administrative hurdles
- ✓ Pro-active involvement of Pan-African and International institutions

Increased private sector financing

- ✓ Domestic African resources
- ✓ Private sector involvement

Asset Recycling

- ✓ Unlocks capital tied down in government-owned operating infrastructure assets
- ✓ Invests proceeds into greenfield infrastructure self-sustaining financing ecosystem for African infrastructure.

VOLOBE HYDROPOWER PLANT

MADAGASCAR



120MW hydropower plant

NACHTIGAL HYDROPOWER PLANT

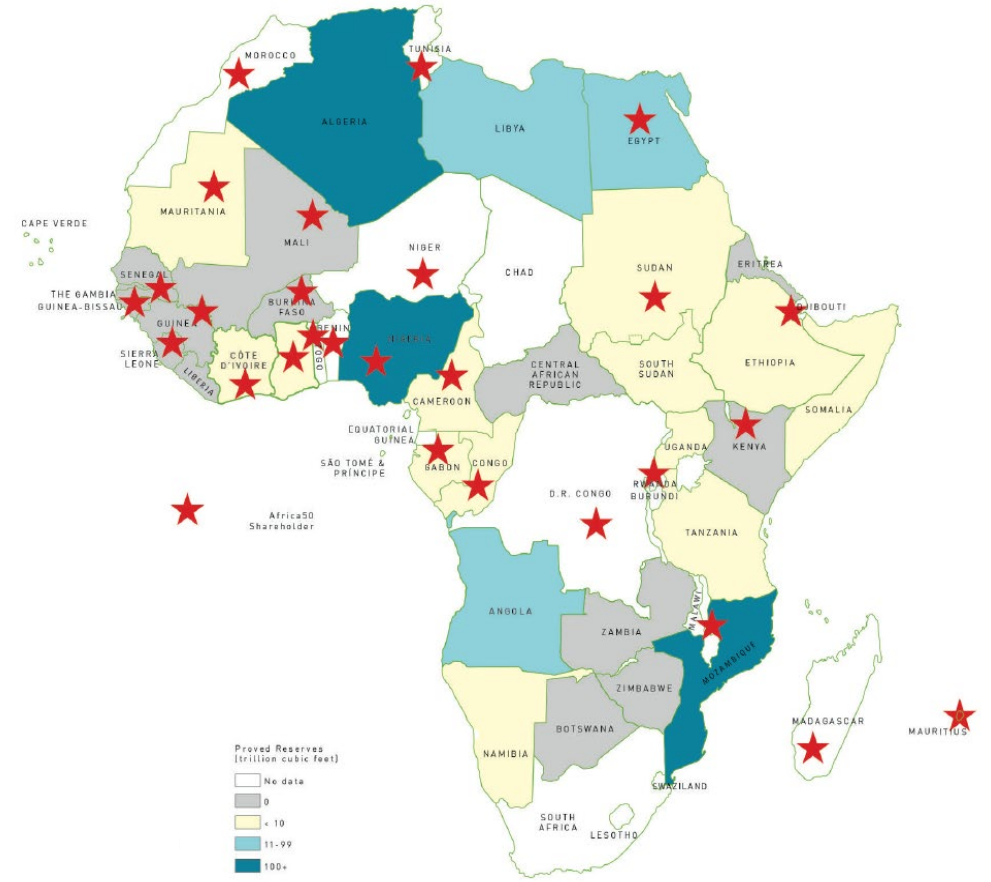
CAMEROON



420MW hydropower plant

Natural Gas: Promoting a Balanced Energy Mix

- Africa should leverage its **vast natural gas resources** as a **bridge fuel** to enable its transition towards **100% renewables**, while help **increase** access to **reliable, affordable** and **greener energy**.

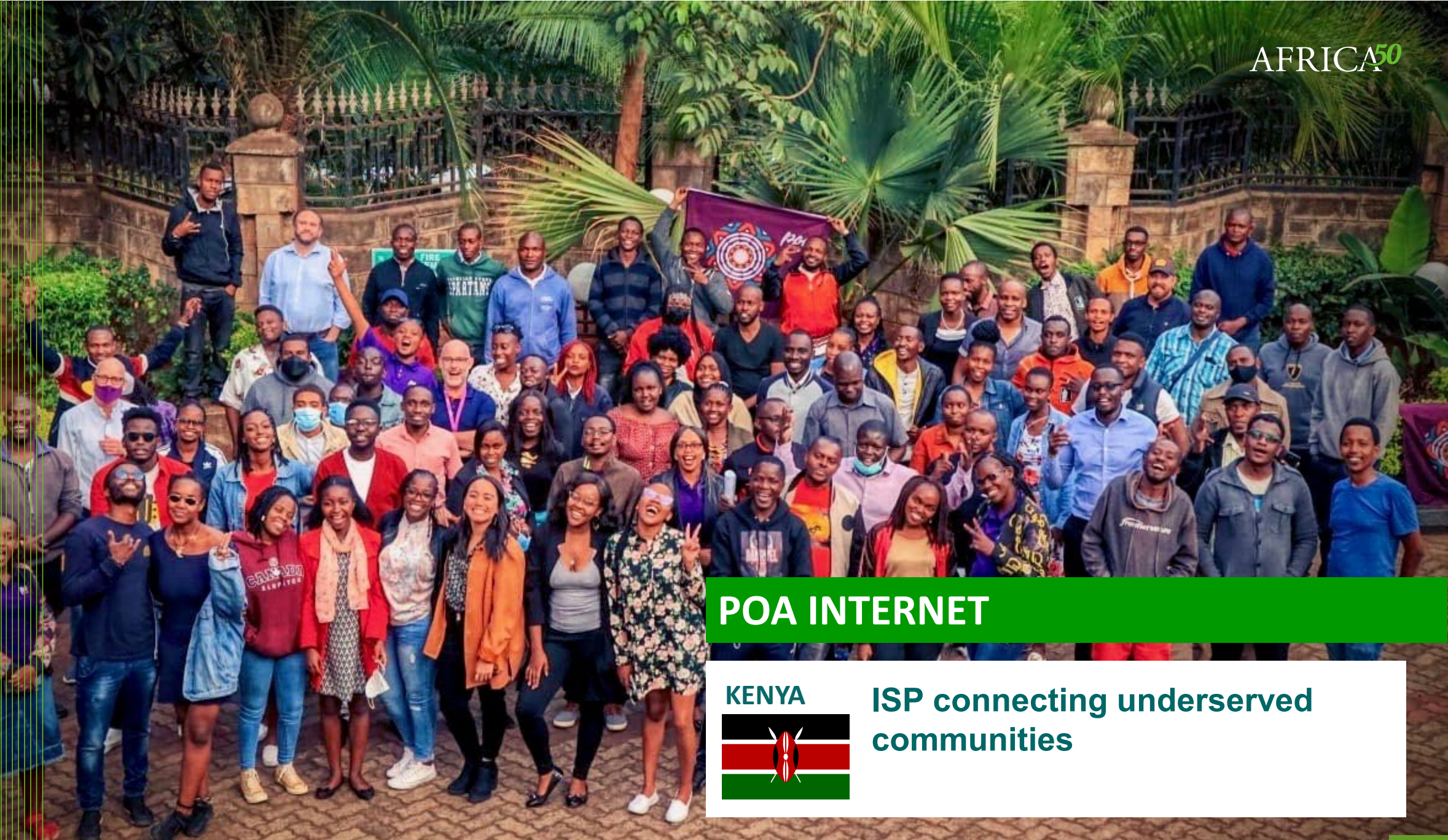


Africa's natural gas reserves (2017)
Source: Energy Futures Initiative & IEA

KINSHASA

PONT ROUTE-RAIL BETWEEN
KINSHASA & BRAZZAVILLE

BRAZZAVILLE



POA INTERNET

KENYA



ISP connecting underserved communities

PAIX

KENYA



Pan-African Data Centre Platform





KIGALI INNOVATION CITY

RWANDA



Connected city hosting tech and bio-firms, universities, and startups

FUTURE-LOOKING OPPORTUNITIES

- Increased investments in **broadband connectivity, innovation ecosystems/hubs** and **data centers** are required to power the **continent's digital transformation**.
- Focus should be both on **large-scale projects** and **smaller disruptive technologies** developed by start-ups and SMEs.
- Africa is increasingly becoming a proof of concept market where **pioneering new technologies** are developed and then scaled across the world (e.g. M-PESA mobile banking).
- Africa also has the potential to pioneer a new model of **low-carbon economic development**.



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Thank you for your attention



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