

November, 2022



Showcasing **AFRICA'S** Investable Infrastructure Opportunities



COP27
SHARM EL-SHEIKH
EGYPT 2022

An Initiative of:



F R O S T & S U L L I V A N

AFRICA'S DEVELOPMENT GOALS

AFRICA REQUIRES
SUSTAINABLE
INVESTMENT AT SCALE TO
REACH ITS DEVELOPMENT
GOALS

Sustainable Development Goals and Africa Agenda 2063

Key Facts, 2022

The continent is home to **1/5** of the global population.

Africa only received **5.2%** of the global FDI in 2021, most of which going to select countries, e.g., South Africa.

The continent requires an annual investment of **US\$ 190 billion** between 2026 – 2030 to reach Africa's Energy and Climate Goals.

Agenda
2063

SUSTAINABLE
DEVELOPMENT
GOALS

Africa faces pushback from investors due to a perceived lack of bankable projects; and suitable governance structures to manage programmatic investment.



Healthcare



Energy



Water



Logistics



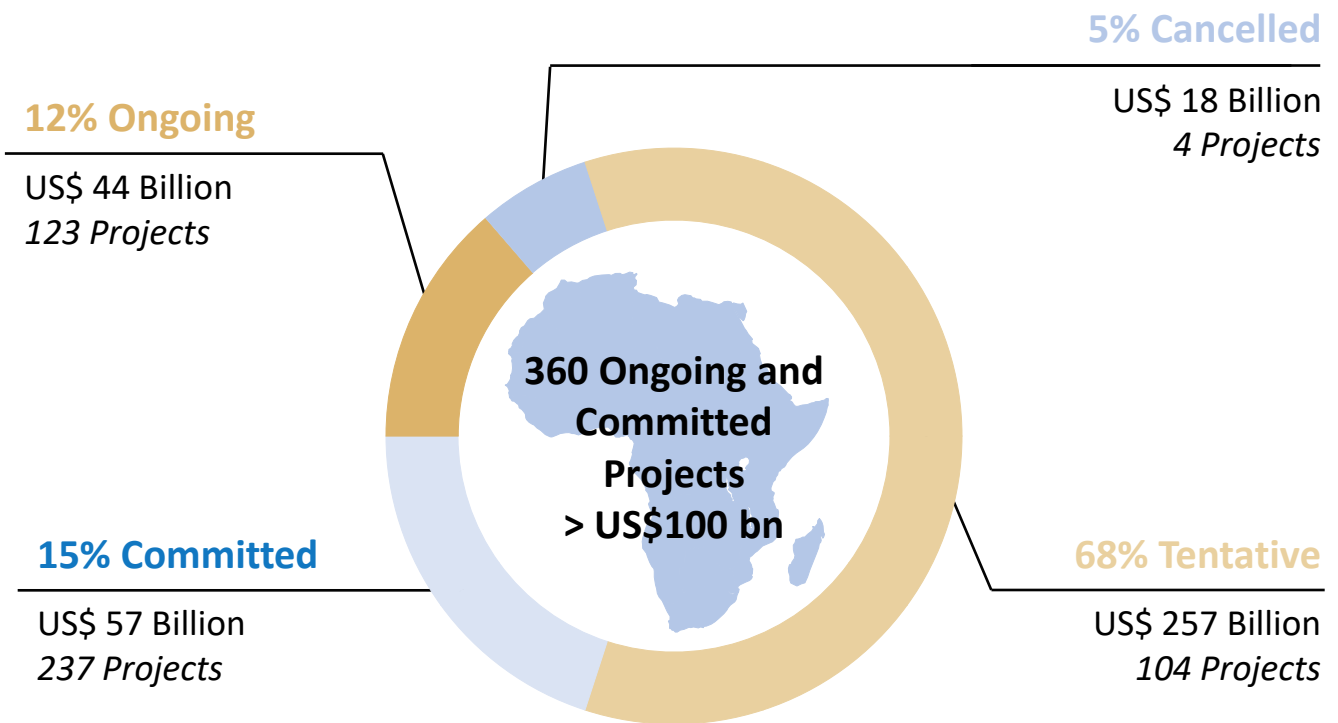
ICT

THE STATUS OF AFRICA'S INFRASTRUCTURE PROJECTS

AFRICA REQUIRES SUSTAINABLE INVESTMENT AT SCALE TO REACH ITS DEVELOPMENT GOALS

The Status of Africa's Infrastructure Projects

By Status, Value and Volume, 2022

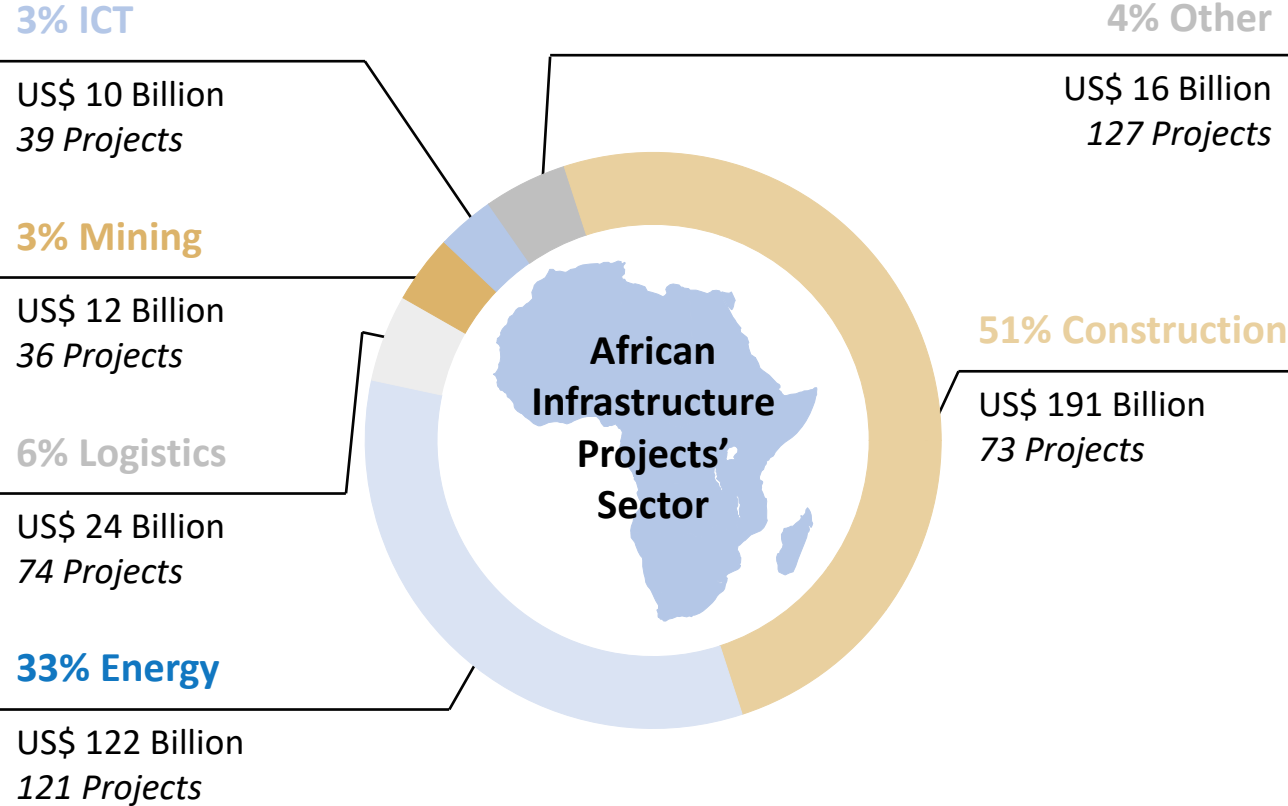


Africa has more than enough depth to its infrastructure projects' pipeline. The 'mega projects' tend to get stuck at tentative level or are cancelled outright.

INFRASTRUCTURE PROJECTS BY SECTOR

MOST PROJECTS STILL FOCUS ON THE TOP TWO SECTORS

The Status of Africa's Infrastructure Projects By Industry Sector, Value and Volume, 2022



The construction sector is attracting the largest proportion of investment in terms of overall value.

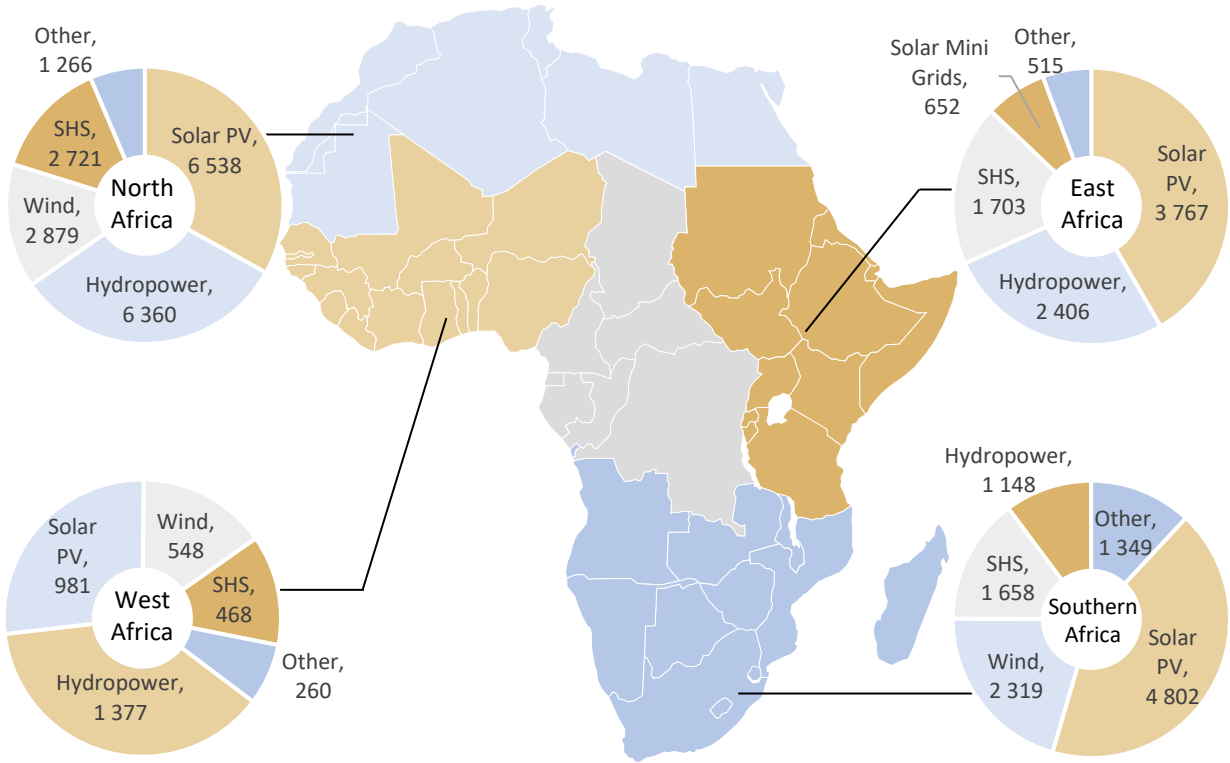
The energy sector is attracting the most projects in terms of the number of projects driven by a large drive of renewable energy projects in key countries.

ENERGY AND SUSTAINABILITY POTENTIAL

AFRICA'S GREEN ENERGY OPPORTUNITIES ARE GROWING QUICKLY

Total Renewable Energy Opportunity Potential

African Power Pools, in MW, 2021

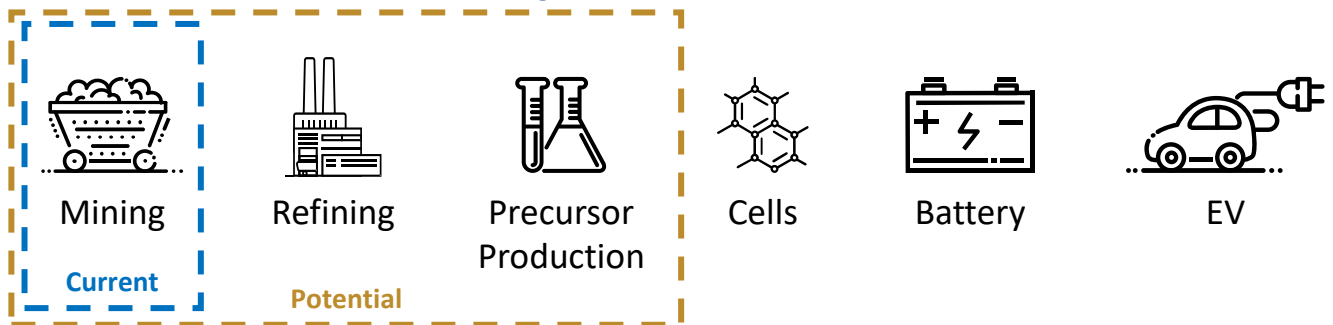


Solar PV has the most significant development potential in Africa, with a total of 16 GW potential generation capacity in select key countries; followed by hydropower at 11.2 GW and wind at 5.8 GW.

UNIQUE VALUE CHAIN OPPORTUNITIES IN AFRICA

SPECIFIC SEGMENTS OF VALUE CHAINS SHOULD BE TARGETED

Africa accounts for **40%** of global reserves of cobalt, manganese and platinum group metals – key minerals for **batteries** and **hydrogen** technologies. Africa has the opportunity to establish itself as a key player in the battery value chain, transitioning from **mining** to **battery production**

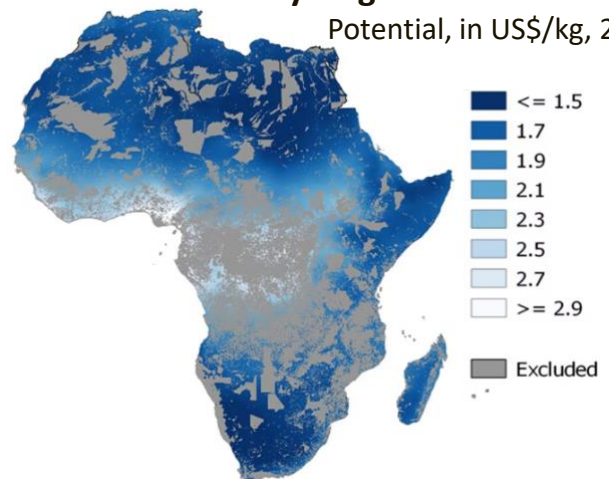


With multiple low-carbon hydrogen projects underway, the continent has the potential to produce

5,000 megatons of hydrogen per year at less than

US\$ 2 per kilogram, cheaper than any other region in the world

Hydrogen cost Production Potential, in US\$/kg, 2030

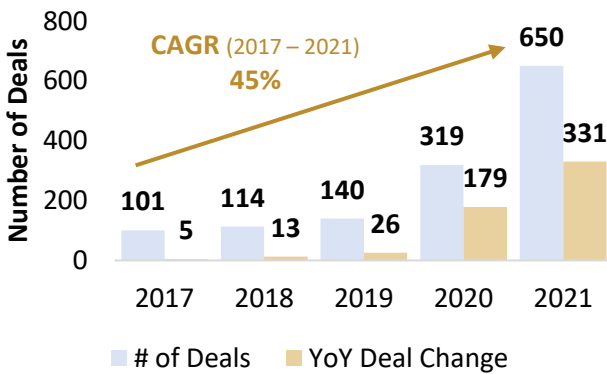


AFRICA'S BOOMING START-UP ECOSYSTEM

AFRICA'S STARTUP ECOSYSTEM HAS GAINED TREMENDOUS MOMENTUM

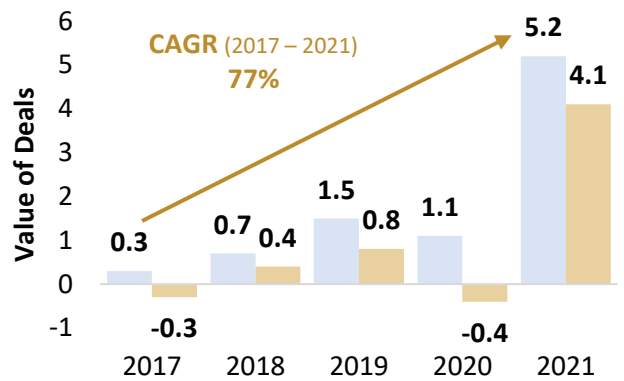
Number of Start-Up Deals

Africa, in #, 2017 – 2021



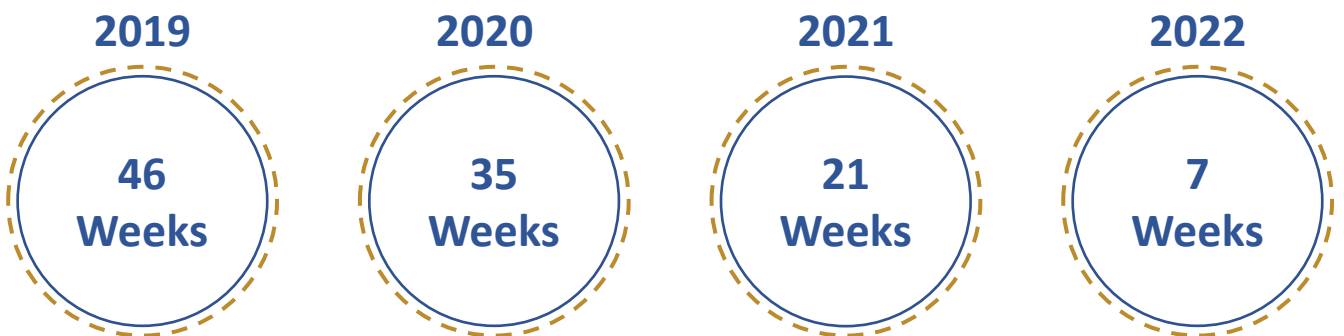
Value of Start-Up Deals

Africa, in US\$ Billion, 2017 – 2021



The interest in African start-ups is **not** showing any **abatement**, with **2022** figures already **outperforming 2021**, the previous record holder.

Time taken to raise an annual cumulative funding of **US\$1 billion**





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“Frost & Sullivan is a strategy consulting and market intelligence firm. We support the development of the continent by informing organisations of market dynamics, advising on how to respond to those dynamics, and connecting them to relevant stakeholders in Africa and beyond.”