

# LIGHT UP AND POWER AFRICA

fast changing paradigms



970 million Africans still use wood as a source of energy



30 countries experience regular power shortages

600+ million Africans don't have access to power



## Regional power-sharing challenges, energy access and renewable energy solutions

Discussion

economic development through energy access & climate change adaptation

Governance is key to plan energy investment

Government capacity to negotiate Power Purchasing Agreements with private operators that are supported by strong legal firms

Lack of clear demand forecast in the sector is hindering investment

It is crucial to allocate the right skills to the right place at the right time

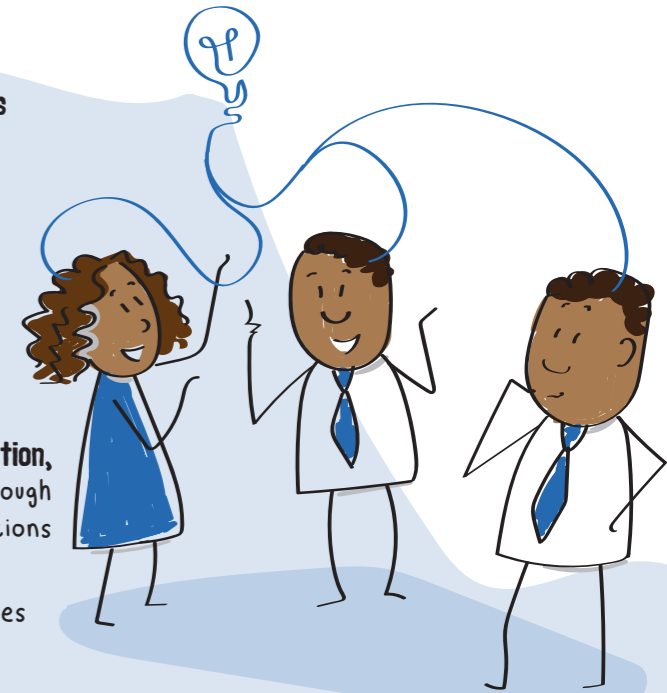
Issues on the effective package for financial incentive support and government guarantees for private investment in power plants

Findings from renewable energy examples in Africa

Sector reform for efficient generation, transmission and distribution through regional connections

Work on integrated planning as part of a long-term strategy

The Bank supports countries with strategy definition



## The use of evaluation by Power Africa



### Power Africa

Access to power in Sub-Saharan Africa x 2

60 million new connections

32 indicators to monitor progress



share and disseminate findings



### Power Africa 2.0

review of objectives based on continuous learning

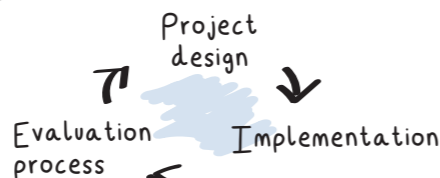
Data = context

Country context  
Involve local partners  
COVID and health  
Climate change  
Be realistic with African reality



Focus on

Utilities  
Transmission and distribution  
Cross-sectoral engagement  
Country and regional focus  
Self reliance  
Adapted indicators



Evaluation is a process

> triangulation of data

## KEY TAKEAWAYS



Adapt processes and data collection to reality of Africa

Have a systematic approach

Be involved in defining strategy from beginning

Strengthen capacity to formulate and implement comprehensive energy policies

Be inclusive

Context is crucial to reflect what is possible

Multiple stakeholders with different priorities

People and their needs should be central



## Sustainability

Tarification is crucial to sustainability

Cost of supply studies by the Bank set break-even tariffs

Tariffs have to be affordable for the population, but power companies have to remain financially viable

Improve the performance of power utilities

Involve people, learn from the field, to achieve sustainable results

Involve the private sector

Enable public-private partnerships to build skill-sets, technology and increase funds

