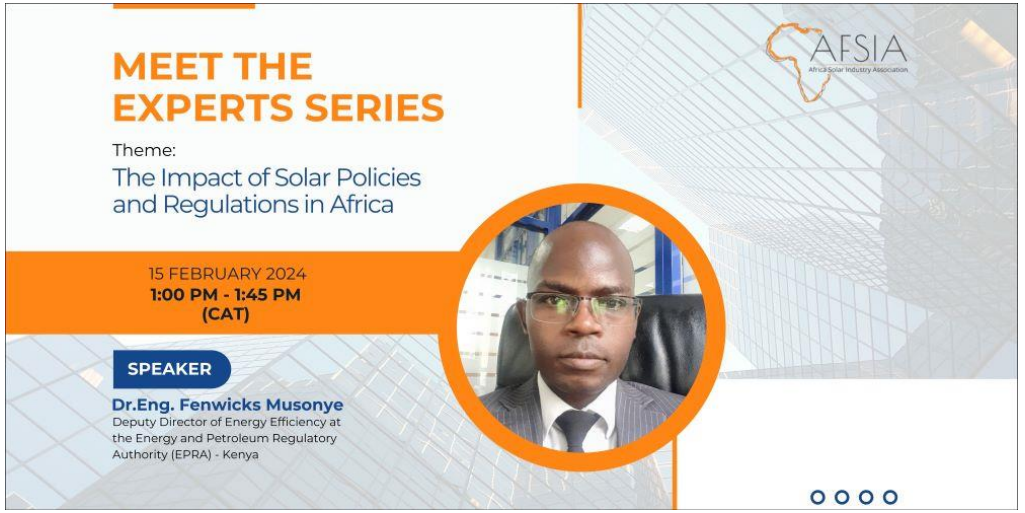
MEET THE EXPERTS SERIES

“The Impact of Solar Policies and Regulations in Africa”



AFSIA distinguished members

FOUNDING

AIIM
AFRICAN INFRASTRUCTURE INVESTMENT MANAGERS

HUAWEI

AG ENERGIES

UL Solutions

Trinasolar

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GAMECHANGE SOLAR
REPOWERING THE PLANET

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nextracker

Solplanet

INFINITY Power
A MASDAR INFINITY COMPANY

STRATEGIC

ACERD

ALER

AGSI

Apelca
Green energy for all

REIAMA

AFSIA
Africa Solar Industry Association

AFSIA CORPORATE **MEMBERS**

AFSIA
Africa Solar Industry Association

AFSIA services

Member's resources and benefits

afsiasolar,.com

Market Intelligence

AFSIA has developed the most complete databases about solar in Africa.
These databases allow AFSIA members to **make more informed and better business decisions**.

Matchmaking & Networking

AFSIA helps its **members** **connect with potential partners** and generate new business opportunities.
Connection requests through AFSIA are generally faster and lead to a **higher acceptance rate**.

Events

AFSIA proposes a wide range of **in person and online events** covering trending topics and attracting large numbers of industry professionals.
AFSIA events are widely recognized for their content quality and professional organization.

Visibility & Promotion

AFSIA has developed the **largest community of solar professionals active in Africa**.
AFSIA members get privileged access to and visibility throughout this online community.

Market Intelligence tools

This database provides the most complete and up-to-date list of tender opportunities for solar projects in Africa.

Company DB

11,000+ companies

Exclusive database with 42 filters based on location and type of activity.
AFSIA members identify new potential business partners and ask AFSIA for introductions whenever necessary.

Tenders DB

100+ live tenders at any time

Member Ressources

Projects DB

20,000+ projects

Exclusive database with projects at different stages of development.
AFSIA members identify projects which represent a business opportunity and ask AFSIA for intriductions whenerver necessary.

The Africa Solar Outlook report is the industry's flagship report containing all essential information to conduct business in the African solar space.

AFSIA Reports

Africa Solar Outlook & PUE reports

AFSIA EVENTS & ACTIVITIES **2024**

AFSIA Africa Solar Industry Association

AFSIA EVENTS

23 JAN Africa Solar Outlook 2024 Launch

26 MAR Solar Training Tour Johannesburg

9 MAY PUE Catalog 2024 Launch

4-6 JUN e-conference storage solutions 2024

JUL-AUG Digital Summer Series

19-21 NOV REFA 2024

21 NOV AFSIA Solar Awards 2024

Solar Training Tour Lagos – 21 MAY Cairo – 29 MAY

TBC Solar Training Tour Accra

27 AUG Solar Training Tour Cape Town

13 NOV Solar Training Tour Nairobi

JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC

AFSIA PRESENT AT PARTNER EVENTS

7-9 FEB Solar Power Africa (Cape Town)

20-22 FEB Powerelec Nigeria (Lagos)

5-7 MAR Africa Energy Indaba (Cape Town)

18-20 MAR Solar & Storage Live Africa (Johannesburg)

16-18 APR World Future Energy Summit (Abu Dhabi)

21-23 MAY ARE EAIF (Lagos)

28-29 MAY ENLIT Africa (Cape Town)

18-21 JUN InterSolar (Munich)

27-28 AUG Solar & Storage Live Africa (Cape Town)

18-21 OCT African Energy Week (Cape Town)

13-15 NOV Powerelec Kenya (Nairobi)

Marketing & Visibility

AFSIA Reach

45,000 followers

+1,000 month

250,000 impressions/month

150 updates/month

Also “AFSIA en français” and “AFSIA em português”

100,000+ solar professionals reach

+2,000 month

26,9% Average open rate

20,6% Average click rate

0.1% Average unsubscribes

85 articles in 2023

20 and counting articles in 2024

Editorial partnerships with

Sun-Connect Sharan Africa News · Mining Review Africa · Afrik21 · pv magazine

GET IN TOUCH WITH THE **AFSIA TEAM**

Josée
Community Manager

Christian
Community Management Associate

Aline
Market Intelligence Manager

Ange
Market Intelligence Associate

John
CEO

GET IN TOUCH WITH THE **AFSIA TEAM**

Omolara
Director of Operations

Kersy
Research Associate

Vestine
Digital Comms Manager

Salim
Digital Comms Associate

Eugénie
Events Manager

MEET THE EXPERTS SERIES

Theme:

The Impact of Solar Policies and Regulations in Africa

15 FEBRUARY 2024

1:00 PM - 1:45 PM (CAT)

SPEAKER

Dr.Eng. Fenwicks Musonye

Deputy Director of Energy Efficiency at the Energy and Petroleum Regulatory Authority (EPRA) - Kenya

INTRODUCTION TO THE EXPERT

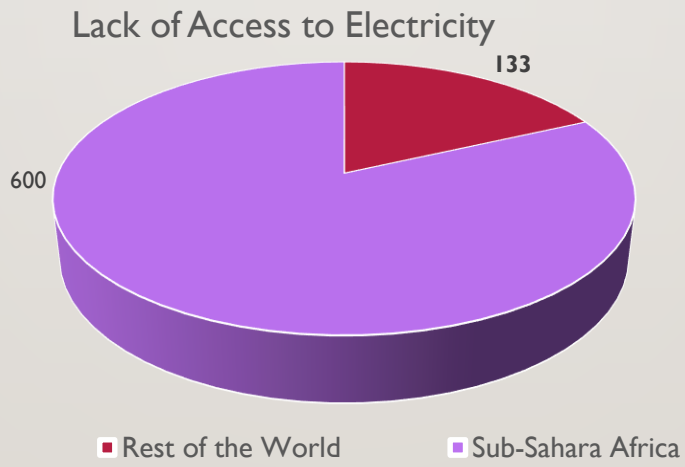
- Dr. Eng Musonye holds a BSc degree in Mechanical Engineering from University of Nairobi,
- An MSc and PhD degrees in Energy Technology from JKUAT (Jomo Kenyatta University of Agriculture and Technology) and a post graduate diploma in Project Management from KIM.
- He currently works for Energy & Petroleum Regulatory Authority (EPRA) as a Deputy Director Energy Efficiency.
- His specialization is in internal heat integration.
- His areas of expertise include energy auditing, energy management systems, appliance standards and labelling, curriculum development, project management, modelling and simulation, QMS, energy policy and economics.

OVERVIEW OF SOLAR PV POLICY INSTRUMENTS

- Energy access is critical or is an indicator of economic development
- Remember the night light illumination of economic growth
- If you fly at night and look down below, you will see patches of light and economists agree that the lighting intensity correlates positively with variables of economic growth
- When you fly across populated areas in developed countries, you will see lights everywhere. This is sadly not the case with Africa

OVERVIEW OF SOLAR PV POLICY INSTRUMENTS

- World Bank reported in 2020 that 733 million people in the world lack access to electricity (note that access takes different dimensions)
- Out of this number, sub-Sahara Africa contributes to 600 million. This makes 53 % of the region's population



OVERVIEW OF SOLAR PV POLICY INSTRUMENTS

- This shows that universal electricity access, left to the market forces, cannot be realized
- Governments and development partners have to intervene in the market, to achieve certain outcomes. How?

OVERVIEW OF SOLAR PV POLICY INSTRUMENTS

- From the diagram, we see that when we talk about policy instruments, we mean more than just *incentives.* Policy intervention influences different market variables, to ensure safe, secure, affordable and sustainable energy supply
- The policy instruments have incentives and they could be fiscal or non-fiscal
- Policy instruments that use non-fiscal methods include standards, codes, guidelines and strategic plans. Other policy instruments like Acts of Parliament, by-laws and international agreements can have both fiscal and non-fiscal interventions

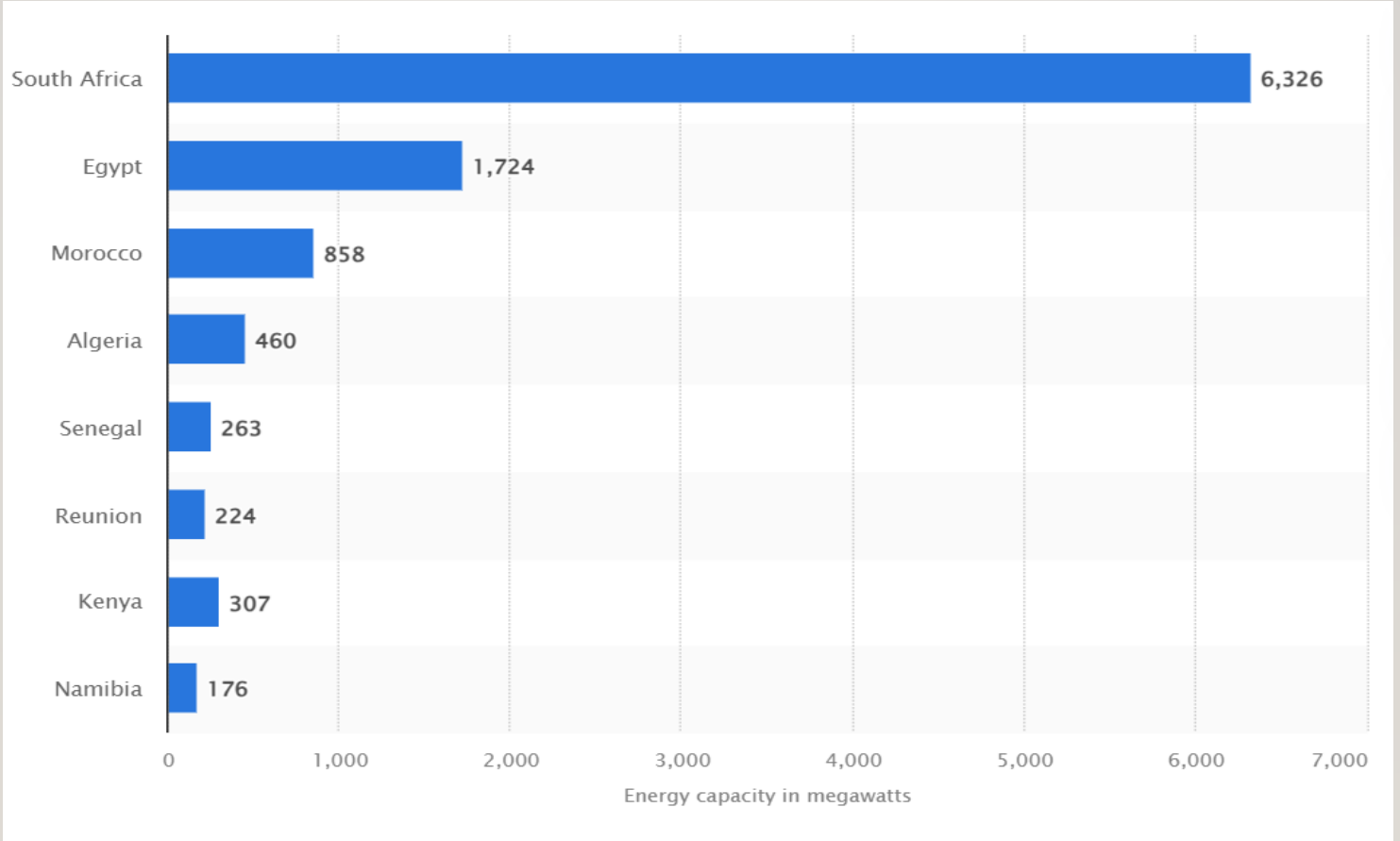
CONTEXT OF AFRICAN COUNTRIES

- African countries have been implementing these instruments to improve uptake of solar, as a decentralization solution
- These include use of feed-in-tariff, competitive bidding(auctions), net metering, VAT and import duty exemptions, project specific fiscal incentives (on turnkey projects) and licensing requirements for market players
- These interventions vary per country, are at different stages and have different challenges

CONTEXT OF AFRICAN COUNTRIES

Country	FiT	Auctions	Net Metering	Tax Incentives
Kenya	YES	NO	NO	YES
Mauritius	YES	YES	YES	NO
Namibia	YES	YES	YES	YES
Morocco	YES	NO	YES	NO
Senegal	YES	YES	YES	YES
South Africa	YES	YES	YES	YES
Uganda	YES	YES	NO	YES
Tunisia	YES	NO	YES	YES
Zambia	YES	YES	NO	YES

CONTEXT OF AFRICAN COUNTRIES



CONTEXT OF AFRICAN COUNTRIES

- South Africa and Egypt were among the earliest adopters of FiT and later on transitioned to auctions. This seems to have worked well with them
- Some countries still have implementation problems with net metering. Others have fixed minimum connection capacity to be high: Zimbabwe -100 kW, South Africa -100 kW, Namibia -500 kW.
- Some incentive schemes do not have a “sale by date”, and this may not be useful in helping the market to mature. Data aggregation for decision making is also not done properly

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THANK YOU!