



NIGERIAN INTERNATIONAL ENERGY SUMMIT

# **GAS STAKEHOLDERS CONVERSATION**

INTRODUCTION

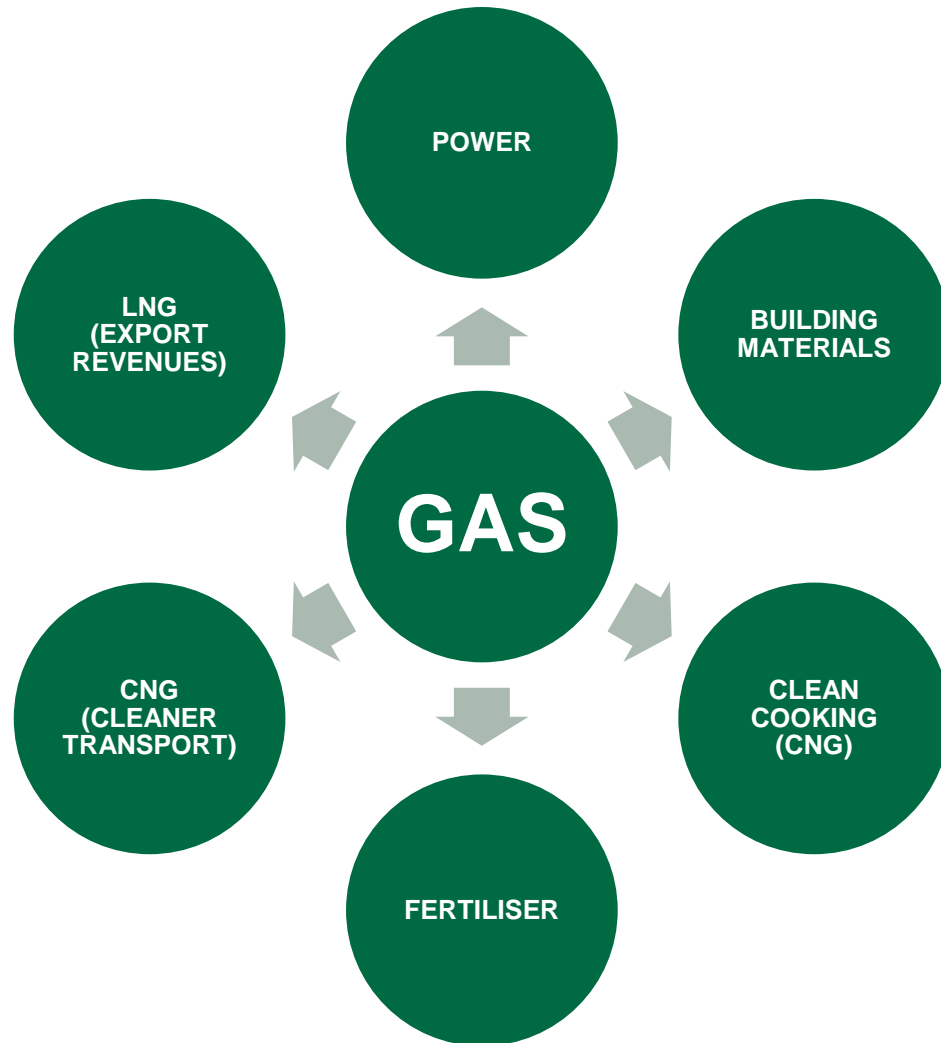
**ENGR. EFFIONG OKON**  
DIRECTOR, NEW ENERGY

reliable energy,  
limitless potential



# THE DEVELOPMENT CASE FOR NIGERIAN GAS

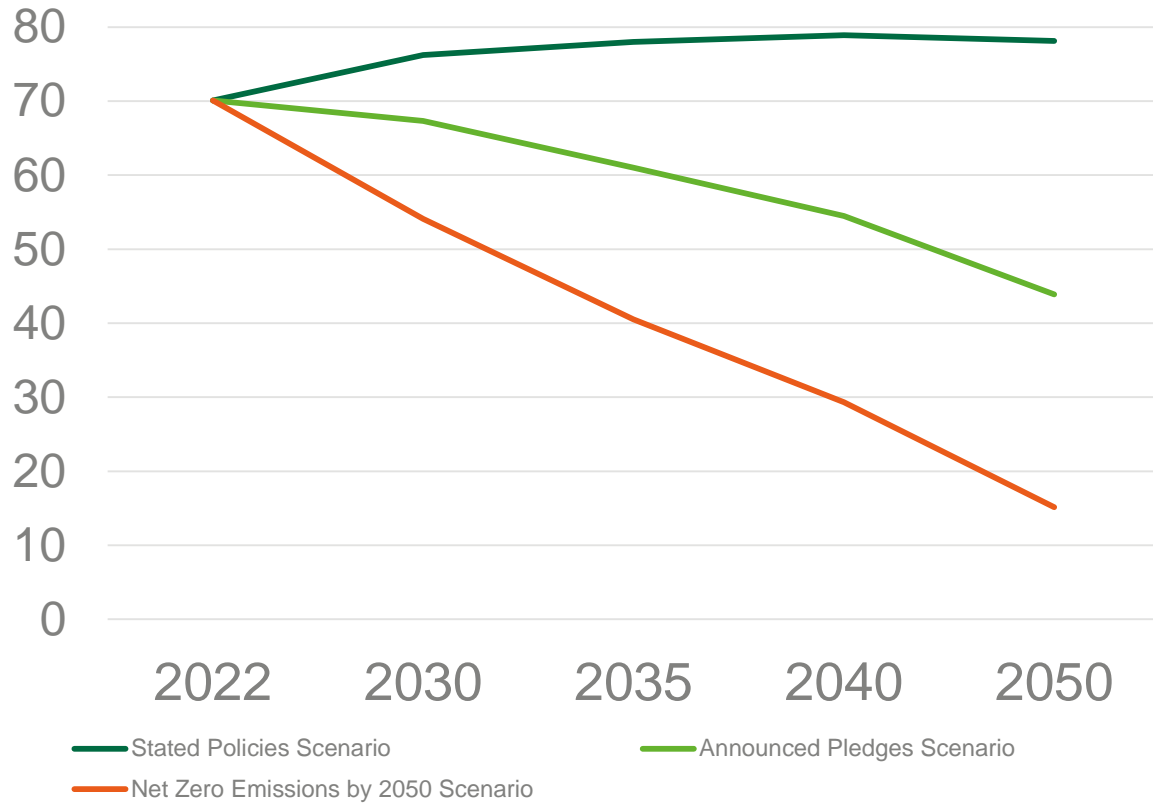
An immediate solution to Nigeria's immediate problems – and a longer-term transition fuel



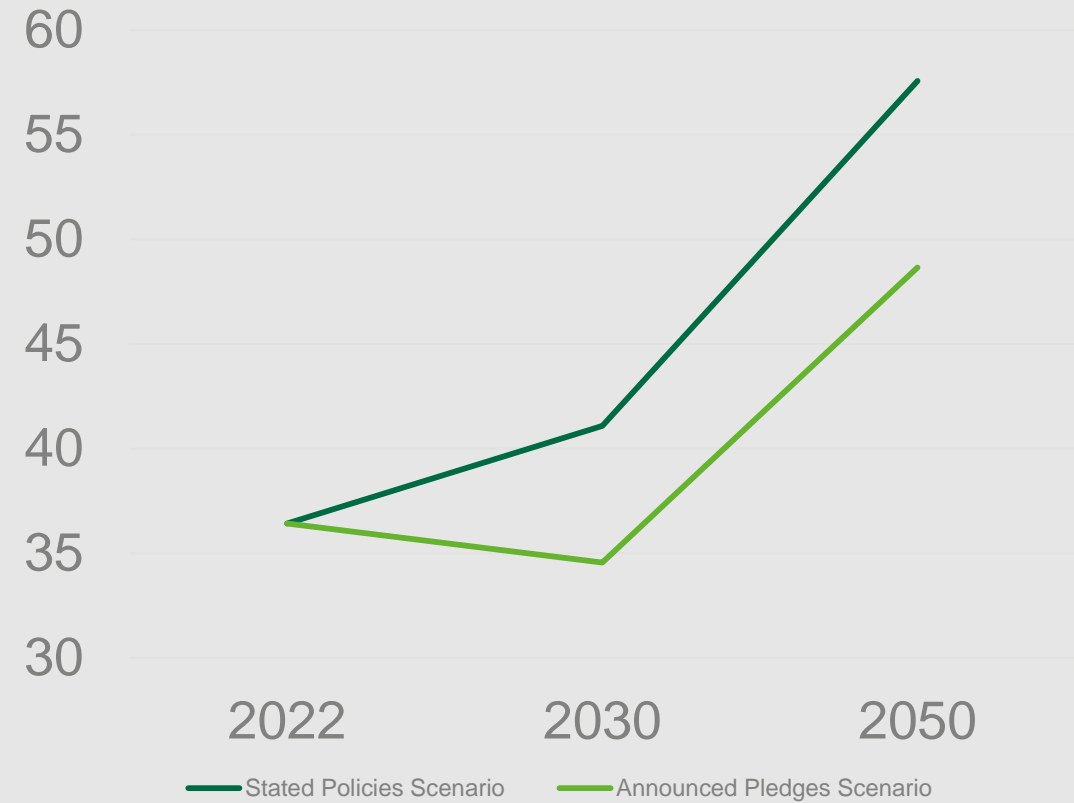
- Increasing supply of reliable, affordable and sustainable energy is Nigeria's greatest challenge – gas is the logical transition fuel
- Acute housing and infrastructure shortage, but no commercially viable substitute for production of building materials e.g. cement, glass, steel
- 90,000 deaths / year due to biomass cooking
- Rising population presents urgent need to improve agricultural production
- Reduce reliance on petrol, increase and decarbonise domestic transport fuel
- Fund all of the above with exports
- Focus on sustainability

# FORECAST TRENDS IN GAS DEMAND

Natural Gas total final consumption global  
EJ

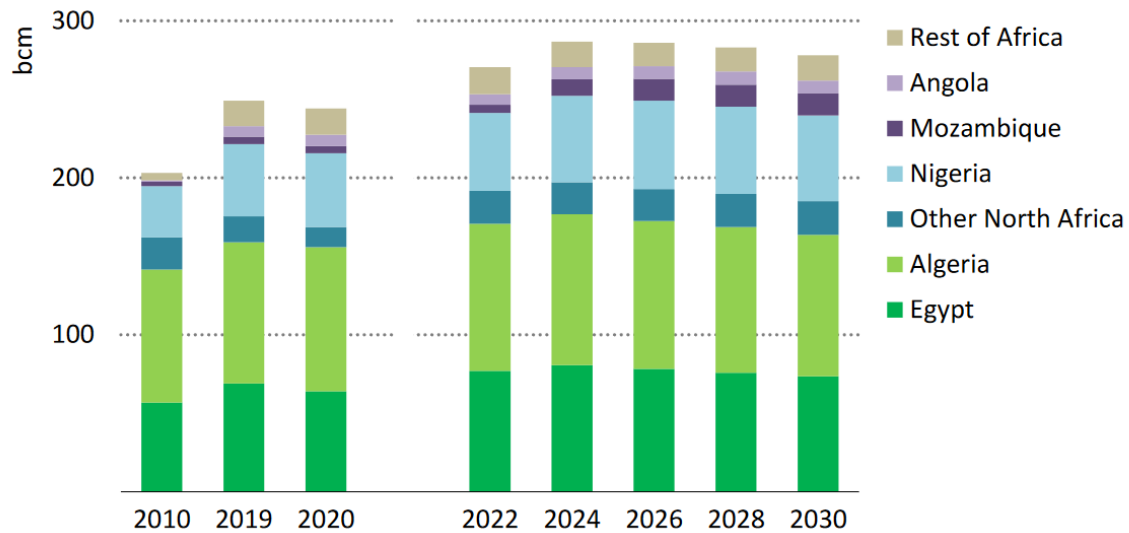


Africa total energy supply  
EJ



# FORECAST TRENDS IN GAS DEMAND

**Figure 2.27** ▶ Natural gas production by country in the SAS

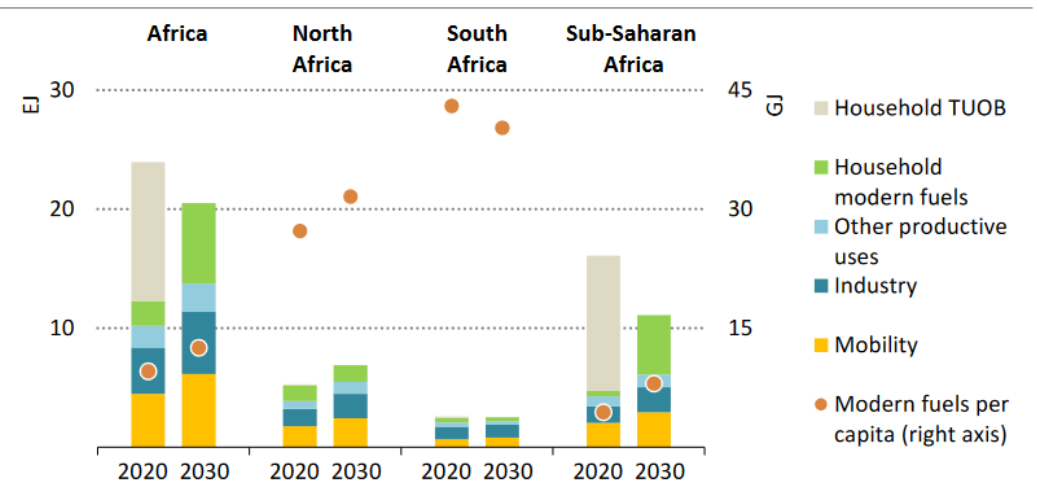


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*Natural gas production in Africa grows by 15% between 2020 and 2030, driven mainly by new projects in Egypt, Nigeria and Mozambique*

IEA Global Energy Outlook 2022

**Figure 2.6** ▶ Total final energy consumption by sector and modern fuel use per capita by region in the SAS



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*Eradicating inefficient biomass for cooking in sub-Saharan Africa halves total household energy use in Africa by 2030, while use in other sectors increases in most regions*

IEA Global Energy Outlook 2022

TOUB = Traditional use of biomass

# OPPORTUNITIES IN NIGERIA'S GAS VALUE CHAIN



Our industry must focus on end-to-end solutions to unlock the full value of Nigeria's gas

