

Access Ambition 3- Assessment of Blue and Green Hydrogen development and adoption Potentials for decarbonizing power and transport
Elaboration of the ambition(s): Technology and economic assessment studies/Pilot on Blue and Green Hydrogen potential adoption, utilization, and market for power and transportation.

Target 7.2. Renewables

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| <ul style="list-style-type: none">- Partnership with the Central Bank of Nigeria and Nigerian Incentive-Based Risk Sharing System for Agricultural Lending Plc to increase food production and job opportunities for sustainable development.- Guaranteeing gas purchase agreements for sustained feedstock.- Implementation of the Energizing Agriculture Project. | |
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- To encourage utilization of LPG in the rural under-served areas for cooking and irrigation activities to increase food production and job opportunities.
- Switching from kerosene, firewood, coal etc to cleaner and safer energy
- User awareness campaigns on acceptability of LPG as an alternative fuel.
- To stem deforestation

Access Ambition 3: Phase 1- Assessment of Blue and Green Hydrogen development and adoption Potentials for decarbonizing power and transport. Ascertaining value chain technology and capacity needs, economic viability and sustainability for nation-wide adoption	
Renewables Migration 1 Urban Residential Housing Scheme (National Decarbonization Plan): 50% migration of residences to renewables	
Renewables Migration 2 Infrastructure clean energy scheme (National Decarbonization Plan): 100% transition of backup power generation to	
Renewables Migration 3- Clean Energy Transport Scheme (National Decarbonization Plan) National introduction and adoption of E-mobility	

SECTION 4: REQUIRED RESOURCES AND SUPPORT

4.1. Please specify required finance and investments for each of the actions in section 2.

Access Ambition 1 Solar Power Strategy

Total private sector investment of \$630 million (NGN 240 billion) required.

Leverage private sector knowledge and finance as well as the demonstrated willingness of citizens to pay for reliable power supply to expand access to electricity nationally.

Additional financing support in the forms of guarantees (up to 50%) and de-risking instruments required to lower cost of financing.

Technical assistance required with overall program management, designing CBN financing facility, securing international financing, leveraging geospatial data to identify commercially viable households, and policies/process reviews.

Access Ambition 2 Gas Penetration for Energy

A- Micro Distribution Centres

Public Private Partnership

To support and finance in country design and manuf(c)3(os)8(tR)-4(ri)9)-4(24 99(u)-4(f)-4((c)3(os)8(tR)-4(u)-4(11 0 0 1 208.4C)-3(f)-4(i)10(n)-4(an)-5(c)3(e)8()-3(i)10(n)-4()-3(c)3(ount)-7(ry

Access Ambition 3: Phase 1- Assessment of Blue and Green Hydrogen development and adoption Potentials for decarbonizing power and transport sector.

- Technology Transfer
- Technical Assistance for Economic viability and adoption studies
- Technology and skills capacity building
- Funding for pilots
- Complete funding needs to be confirmed after assessments

Renewables Migration 1 Urban Residential Housing Scheme (National Decarbonization Plan)

Investment required: **TBC**

- An initial 2% (renewable funds) monthly net deduction from salaries of public & civil servants/ parties to the scheme or a structured payment system using banks as collectors.
- Revised deductions or structured payment upon access to the scheme, to be determined by the capacity and type of energy scheme
- Payment adjustment between Government and non-Government workers (initial parties to the scheme)
- International Funding and access to Finance
- Net-U e client cost down by 5%

Renewables Migration 2 Infrastructure clean energy scheme (National Decarbonization Plan)

Investment required: **TBC**

- 80% transitioning cost will be borne by the sector
- 20% total cost deduction will be achieved through financial Inclusion accessed by GLED (Government Licensed Energy Dealers)
- Cost of Net-metering system for excess generated capacity channelled to DISCOs will serve as revenue for the infrastructure.

Renewable Migration 3- Clean Energy Transport Scheme (National Decarbonization Plan)

- Funding for E-tricycle pilots as awareness on E-mobility
- Technology transfer and capacity building for charging stations
- Financing for infrastructure of E-tricycle, E-Buses, E-vehicles, Hybrid- Rails

4.2. [For countries only] In case support is required for the actions in section 2, please select from below and describe the required support and specify for which action.

<input checked="" type="checkbox"/> Financing	
<input type="checkbox"/> In-Kind contribution	
<input checked="" type="checkbox"/> Technical Support	
<input type="checkbox"/> Other/Please specify	

The Energizing Agriculture aims to create and support 6,000 jobs and impact up to 1,200 farmers improving food production for sustainability. It will also deepen gas utilization for cleaner energy in line with the SDG goals.

Access Ambition 3 Assessment of Blue and Green Hydrogen development and adoption Potentials for decarbonizing power and transport
Development of blue and green hydrogen is aimed at decarbonize the power and the transport sector (SDG13).

Renewables Migration 1

The Urban Residential Housing Scheme is aimed at reducing GHG emissions from residential sector (SDG13) and eradicating Energy poverty with an affordable solution (SDG7)

The infrastructure clean energy scheme is aimed at reducing GHG emissions from government and private owned facilities (SDG13), ensuring 100% transition of backup power generation to Climate Smart Clean energy power generators, more power to fuel deprived sectors through Net-metering and mass creation of employment Nation-wide

5.3. Alignment with Paris Agreement and net-zero by 2050 - Please describe how each of the actions from section 2 align with the Paris Agreement and national NDCs (if applicable) and support the net-zero emissions by 2050.

The Solar Power strategy will foster a broader access to power generation through alternate and cleaner energy solutions, as well as reduce the dependence on fossil fuel emissions. The Energizing Agriculture strategy aims to increase food production and job opportunities for sustainable development; this is projected to create 6,000 jobs and impact up to 1,200 farmers. The Micro Distribution Centres will promote in-country design and manufacturing of cylinders and other gas infrastructure as well as deepen the utilization of renewables. The Urban Residential Housing Scheme and infrastructure clean energy scheme are aimed at reducing GHG emissions from residential sector (SDG13) and eradicating Energy poverty with an affordable solution (SDG7).



SECTION 7: GUIDING PRINCIPLES CHECK LIST

Please use the checklist below to validate that the proposed Energy Compact is aligned with the guiding principles.

I. Stepping up ambition and accelerating action - Increase contribution of and accelerate the implementation of the SDG7 targets in support of the 2030 Agenda for Sustainable Development for Paris Agreement

Yes No

Yes No

Private Sector

Philanthropic Organization

Other relevant actor

8.4. Contact Information

Ms. Asmau Jibril asmaujibril@yahoo.com

8.5. Please select the geographical coverage of the Energy Compact

Africa Asia and Pacific Europe Latin America and Caribbean North America West Asia Global

8.6. Please select the Energy Compact thematic focus area(s)

Energy Access Energy Transition Enabling SDGs through inclusive just Energy Transitions Innovation, Technology and Data Finance and Investment.

SECTION 9: ADDITIONAL INFORMATION (IF REQUIRED)

Please provide additional website link(s) on your Energy Compact, which may contain relevant key documents, photos, short video clips etc.