



## **THE FRONTIER BASIN EXPLORATION AND DEVELOPMENT PLAN 2024**

## 1.0 BACKGROUND

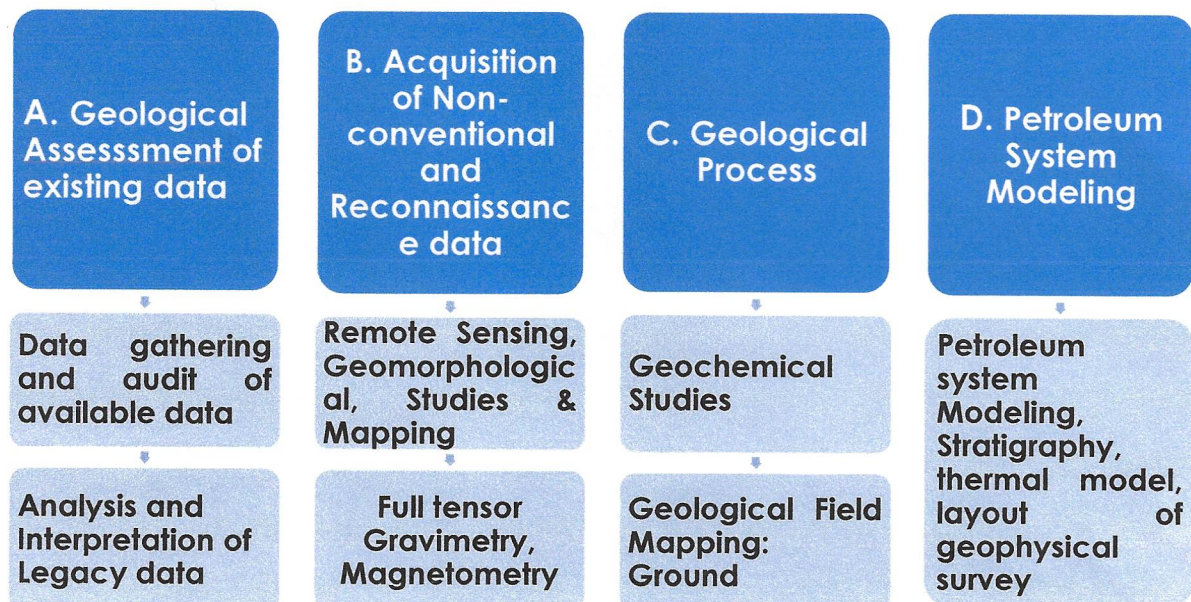
Pursuant to Section 9(3) of the Petroleum Industry Act (PIA), 2021 and the Frontier Basins Exploration Administration Regulations, 2023, the Commission shall from the commencement of the Regulation issue an annual Frontier Exploration and Development Plan (the FBED Plan) to guide the activities for the year.

This was done sequel to the gazetting of the regulation and formulation of the framework for the regulation of Upstream Activities in the Frontier Basins in Nigeria.

## 2.0 OBJECTIVES

- a. Promote the exploration of the frontier basins of Nigeria.
- b. Develop exploration strategies and portfolio management for the exploration of unassigned frontier acreages in Nigeria.
- c. Identify opportunities and increase information about the petroleum resources base within frontier basins in Nigeria ; and
- d. Undertake studies, analyse and evaluate unassigned frontier basins in Nigeria.

## 3.0 STRATEGY OF THE COMMISSION FOR EXPLORATION AND PORTFOLIO MANAGEMENT OF EXPLORATION ACTIVITIES IN THE FRONTIER ACREAGES





The outcome of the above strategy will enable the Commission identify possible assets for exploration and development towards increasing reserves and production in line with government aspirations.

#### 4. PROPOSED WORK PROGRAMME SUBMITTED BY NNPC FOR 2024

<b>CONCESSION 722/723/732/739/740: CHAD BASIN</b>
3D Land Basic Cost - Chad Basin (300sqkm)
3D Swamp Basic Cost - Chad Basin
3D Processing (Chad Basin) - 300sqkm
3D Mobilisation/Demobilisation Cost
Bird Dog Costs (QC Consultant)
Experiment, Uphole, LVL & Standby
2D Processing (Chad Basin) - 500km
2D Reprocessing Costs - 870.36km in Chad Basin
2D Basic Cost (200 LKM) - Chad Basin
2D Mobilisation/Demobilisation Cost
Provision of 1892sqkm 3D Seismic Interpretation
Community Affairs
125 Magnetotellurics points in Chad Basin
20,000 Line Km eFTG Data in Chad Basin
400 line km MicroMagnetic Analysis in Chad
Data Integration and Geological Services and QA/QC for Chad Basin.
Field Office Maintenance of Maiduguri
Security services in Chad Basin
<b>TOTAL CHAD BASIN CONCESSION:</b>
<b>CONCESSION 808/812/813/826/836: BENUE TROUGH BASIN</b>
Provision of 3450km 2D Seismic Interpretation
2D Reprocessing Costs - 870.36km in Benue Trough
Data Integration and Geological Services and QA/QC for Benue Trough
Field Office Maintenance of Gombe and Lafia
Security services in Middle Benue Trough
<b>TOTAL BENUE TROUGH BASIN CONCESSION:</b>
<b>CONCESSION 905/908/907/909/910/911/912/917: ANAMBRA BASIN</b>
2D Seismic Community Affairs
2D Basic Cost (150 LKM) - Anambra Basin
Experiment, Uphole, LVL & Standby
2D Mobilisation/Demobilisation Cost



EIA/EBS Mob/Demob
EIA/EBS for Anambra Basin
EIA/EBS Community Issues
10,000 Line Km eFTG Data in Anambra Basin
125 Magnetotellurics points in Anambra Basin
3,340 Line Km SFD Data In Anambra Basin
<b>TOTAL ANAMBRA BASIN CONCESSION:</b>
<b>CONCESSION 505/508/509/513/514/515/516: BIDA BASIN</b>
Data Purchases (Informal)
125 Magnetotellurics points in Bida Basin
3,330 Line Km SFD Data In Bida Basin
300 line km MicroMagnetic Analysis inBida Basin
Data Integration and Geological Services and QA/QC for Bida Basin
<b>TOTAL BIDA BASIN CONCESSION:</b>

<b>CONCESSION 601/603/605/607/608/609/612/615/619: SOKOTO BASIN</b>
3,330 Line Km SFD Data In Sokoto Basin
300 line km MicroMagnetic Analysis in Sokoto Basin
125 Magnetotellurics points in Bida Basin
<b>TOTAL SOKOTO BASIN CONCESSION:</b>

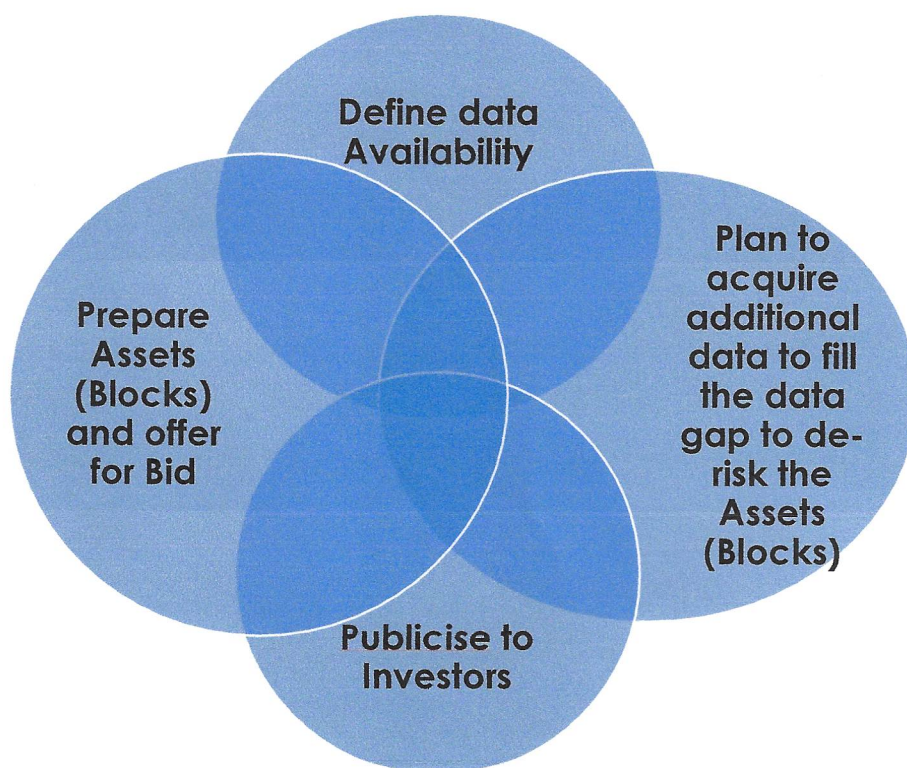
<b>EXPLORATION/APPRaisal WELL DRILLING IN (Wadi-II-CHD732 and Ebonyi - 1- BNT 826) MIDDLE BENUE TROUGH/PHASE 08 IN CHAD (1 WELL)</b>
Provision of Heavy Duty Land Rig and Drilling Ancillary Services
Provision of DD/MWD/LWD Services
Provision of Wireline Logging Services
Provision of Drill bits and Engineering Services
Wellhead Equipment, Accessories, installation and tool running services
Rig Inspection & Condition Survey Services
Payment for Regulatory Permits (NNRA, RSP, EWDP, DP, SWC, Well Suspension, DST, Fluid Sampling)
Drilling Advisory and Civil Engineering QA/QC Consultancy
Construction of Access Road to Drilling location
Drilling Location and Campsite Construction
OCTG Procurement (24" CP, 13 3/8", 9-5/8" & 7" Casing)
Transportation of OCTG to Wellsite
Provision of Casing Inspection Services



Provision of Realtime Operations Centre and Monitoring Services
Provision of Sidewall Core Analysis and Digital Rock Physics
Provision of Conventional Coring/Analysis
Provisional sum for PVT Analysis
Provision of Security Services
Construction of Thermal Desorption Unit (TDU)
Core /SCAL / Biostratigraphy Services (Wadi-II-CHD732 and Ebenyi -1- BNT 826)
CSR Project
Outstanding from (Wadi-II-CHD732 and Ebenyi -1- BNT 826) wells
<b>TOTAL EXPLORATION WELL DRILLING (1 WELL)</b>

<b>FES BASIN STUDIES</b>
Post well Sedimentology and Biostratigraphy Studies for Ebenyi-1 and Wadi-II
Basinal Studies for Sokoto and Dahomey Basins
Exploration Studies in Dahomey and Bida Basins

**5. STRATEGY FOR DATA ENHANCEMENT ON PETROLEUM RESERVES IN THE FRONTIER BASINS.**



## **6. UTILIZATION OF THE FRONTIER EXPLORATION FUND**

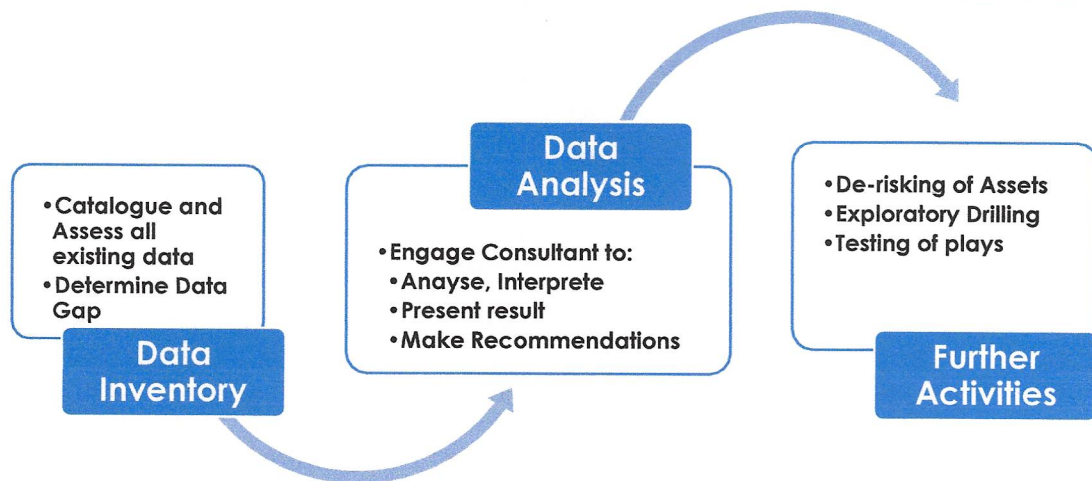
In accordance with the provisions of Section 9(4) of the PIA 2021 the fund will be utilized to achieve de-risking reserves and exploration activities of the Frontier Exploration in each basin as appropriated by the National Assembly:

- A. Promotional activities approved by the Commission for exploration in the frontier basin, including —
  - (i) publication of data and promotion materials,
  - (ii) press releases,
  - (iii) trade conferences, seminars, and workshops, and
  - (iv) road shows.
- B. Implementation of an exploration and portfolio management strategy for exploration of open acreages in the frontier basins, including —
  - (i) the strategy for exploration and portfolio management,
  - (ii) delineation of acreages in the frontier basins,
  - (iii) award of petroleum exploration licences for exploration in the frontier basin acreages, and
  - (iv) funding of exploration activities in the frontier basins, including drilling and testing programs for prospects and leads in frontier basin acreages.
- C. Improving database on petroleum reserves in the frontier basins through data acquisition and analysis, data processing, data interpretation, data reprocessing, data analysis, data storage, archiving and retrieval.
- D. Funding studies on analysis and evaluation of unassigned acreages in frontier basins.
- E. Funding NNPC Limited's drilling and testing of any prospects or leads identified from exploration activities under petroleum exploration licences issued by the Commission, which the Commission, in line with section 9(2) of the Act, requests NNPC Limited to drill or test.
- F. Funding activities and projects of NNPC Limited in the frontier basins pursuant to the Commission's strategy for exploration and portfolio management in the frontier basins.



## 7.0 PROPOSED ACTIVITIES FOR 2024

S.N	Basin	Phase 1	Phase 2
1.	Anambra	Catalogue and assess all existing data	Engage consultant to analyze, interpret data, present results and make recommendations.
2.	Dahomey	Catalogue and assess all existing data	Engage consultant to analyze, interpret data, present results and make recommendations.
3	Bida	Catalogue and assess all existing data	Engage consultant to analyze, interpret data, present results and make recommendations.
4	Sokoto	Catalogue and assess all existing data	Engage consultant to analyze, interpret data, present results and make recommendations
5	Chad	Catalogue and assess all existing data	Engage consultant to analyze, interpret data, present results and make recommendations.
6	Benue	Catalogue and assess all existing data	Engage consultant to analyze, interpret data, present results and make recommendations.



Outcome of the activities above will determine and enable the design of further activities to de-risk the Assets by the NUPRC in line with statutory requirements.

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