



## Case Study

# Robust Hydrocarbon Accounting for Nigeria's National Oil Company.

**NPDC required a flexible hydrocarbon accounting solution (delivered in line with local content legislation) across its wide range of assets.**

### Challenge

NPDC is a fully-owned subsidiary of the Nigerian National Petroleum Corporation (NNPC) and is engaged in production activities in the hydrocarbon-rich regions of coastal Nigeria; both onshore and offshore. NPDC required a robust and flexible hydrocarbon accounting system to enable production data integrity across its assets (10 OMLs (blocks) 50 facilities and 800 wells). Previously accounting for hydrocarbons was done on an "OML by OML basis" using spreadsheet based systems. Beyond this NPDC did not want to simply import technology they wished to invest in developing local capability in line with the country's strategic goals.

### Solution

Following an extensive competitive procurement process, NPDC chose to implement AXIS by Adept Solutions. Adept staff led a series of international workshop where stakeholders from across the NPDC business came together to define and agree the detailed functional requirements. In many cases this exercise helped NPDC to define consistent business rules across their landscape. A key component in Adept's offer was the forming of a strategic partnership with Lagos-headquartered Accrete Petroleum.

### Results

The contract saw Adept successfully implement its hydrocarbon accounting system, Axis, across NPDC's wide range of assets within Nigerian Oil Mining Leases (OMLs): 26, 30, 34, 40, 42, 65, 111 and 119. Multiple, disparate spreadsheets have been replaced by a single auditable database and processes have been standardised across the organisation. For the first time, NPDC have a single source of verified production information. Furthermore, the deployment was in line with the Nigerian oil and gas Industry's Local Content Development Act 2010 – with the recruitment and training and deployment of a local support team of a local support team.

*"Our clients enjoy high quality solutions and a low cost of ownership."*

**AXIS** by adept solutions

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