



The Ministry of Mines,
Industry and Energy

Petroleum Systems Study of Equatorial Guinea

RPS Energy



RPS Energy & IGI Ltd. are pleased to announce the completion of this new study on behalf of the Ministry of Mines, Industry and Energy of Equatorial Guinea.

This study develops an understanding of the petroleum systems in Equatorial Guinea including the distal Niger Delta, Rio Muni and Douala basins. Newly acquired high precision geochemical data serve to define oil families and provides the basis for oil to source rock fingerprinting. Geochemical interpretations have been contextualized within a geological framework by virtue of basin modelling. Integration of the above aspects with regional multi-disciplinary background knowledge provides new insights on the workings of Equatorial Guinea petroleum systems.

EQUATORIAL GUINEA

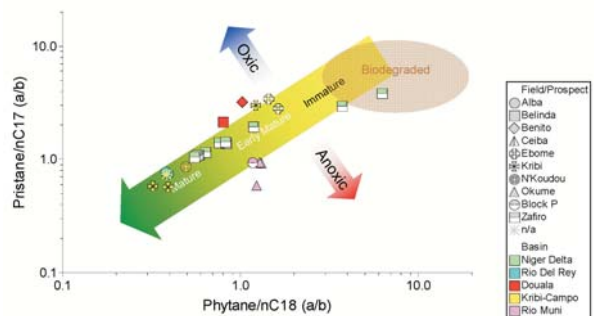
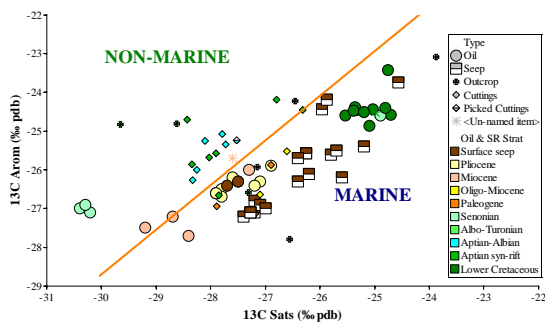


Petroleum Systems Study of Equatorial Guinea

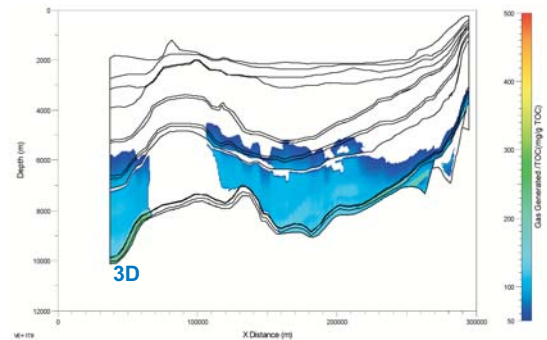
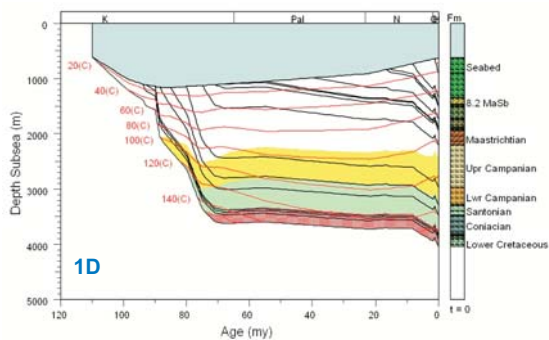
Sample selection, analyses and interpretation:

- 18 source rock extract samples were selected using screening data.
- 19 liquid hydrocarbon samples were collected from producing fields and discoveries.
- Samples were subjected to GC, GC-MS and stable isotope geochemical analyses at the Laboratory of the Government Chemist (LGC). A composite geochemical dataset comprising new and legacy data was interpreted by IGI Ltd using state-of-the-art pIGI software.
- Platte River's BasinMod® 1-D, 2-D and BasinView® software packages were used to derive a basin wide understanding of source rock maturation, timing of hydrocarbon generation, expulsion, migration and overall workings of the petroleum systems.

Geochemistry



Basin Modelling

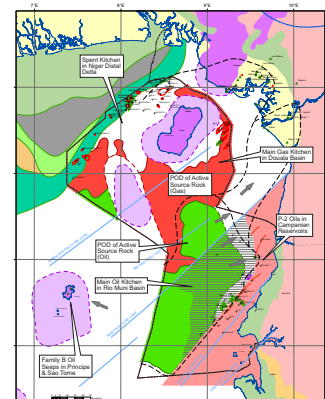


Deliverables:

The report consists of 4 volumes (Database, Geochemistry, Basin Modelling & Petroleum Systems). Examples of report content include pIGI geochemical interpretation plots, basin modelling 1-D burial history plots, 2-D fluid flow sections, maturity maps and graphical summaries of interpreted petroleum systems. A digital copy of geochemical data acquired for the current study is also included.

Price: £50,000

Petroleum Systems Analysis



For further details please contact **Abhen Pather** at:

RPS Energy, 309 Reading Road, Henley-on-Thames, Oxfordshire, RG9 1EL, U.K.

• Tel: +44 (0)1491 415400 • Fax: +44 (0)1491 415415

• email: pathera@rpsgroup.com

RPS Energy

