



The Ministry of Mines,
Industry and Energy

Petroleum Systems Study of Equatorial Guinea

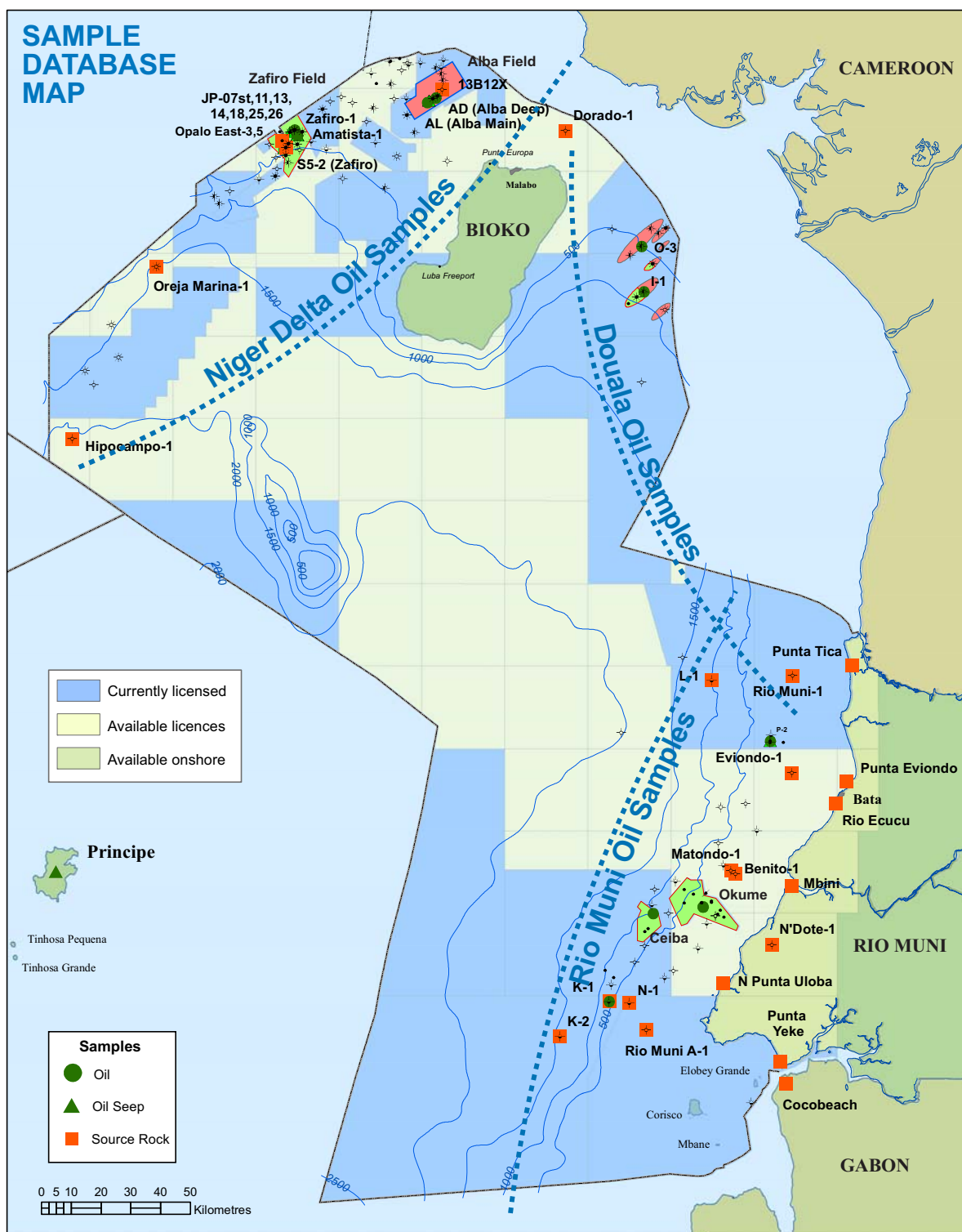
RPS Energy



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. New source rock and oil geochemistry molecular data have been acquired and form the basis of oil to source rock fingerprinting. Geochemical interpretations have been contextualized within a geological framework using 1-D, 2-D & 2.5D basin modelling. Integration of the above aspects together with regional background knowledge serves to elucidate upon the petroleum systems of Equatorial Guinea.

EQUATORIAL GUINEA



Petroleum Systems Study of Equatorial Guinea

Sample collection, analyses, interpretation and integration.

- Liquid hydrocarbon samples have been collected from producing fields and discoveries while extract material has been obtained from source rock samples.
- The samples have been subjected to geochemical analysis and interpreted by IGI Ltd.

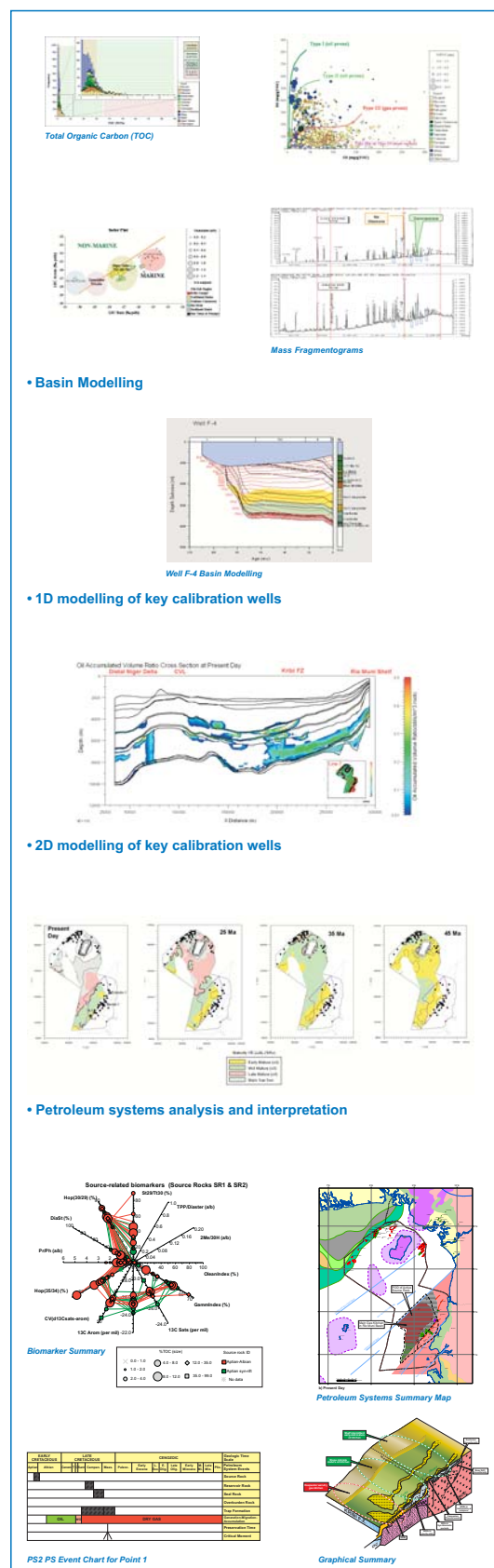
The oils geochemistry and oil-to-source correlation studies have been used to characterise the source rocks in terms of stratigraphic age, depositional setting, organic content and thermal maturity.

- Basin modelling has been carried out by using BasinMod® 1-D, 2-D and BasinView® to derive a basin wide understanding of source rock maturation history and the workings of the petroleum systems.

Deliverables

The report consists of 4 volumes (Database, Geochemistry, Basin Modelling & Petroleum Systems) and a digital copy of geochemical analytical data. Examples of report content include pIGI geochemical interpretation plots, basin modelling 1-D burial history plots, 2-D fluid flow sections, maturity maps, petroleum system events charts and graphical summaries.

Price: £50,000



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