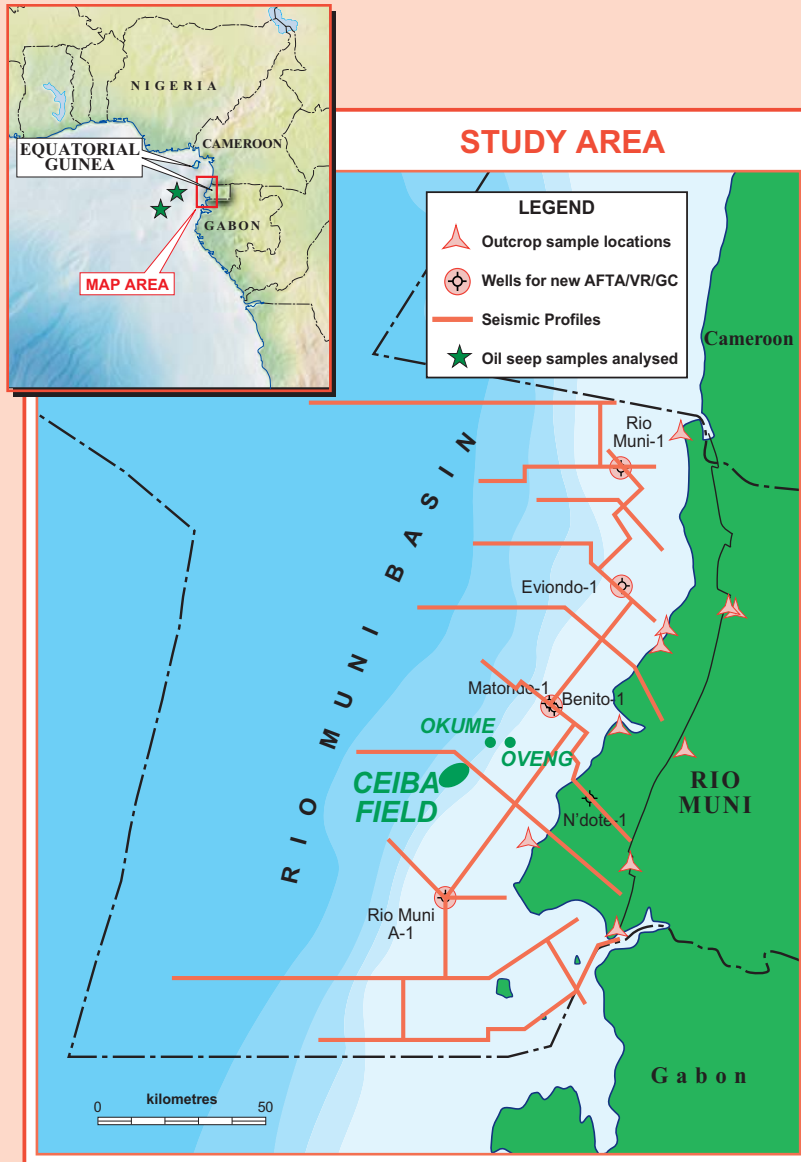


RIO MUNI BASIN, EQUATORIAL GUINEA

A MAJOR STUDY IN ONE OF WEST AFRICA'S MOST EXCITING FRONTIER BASINS

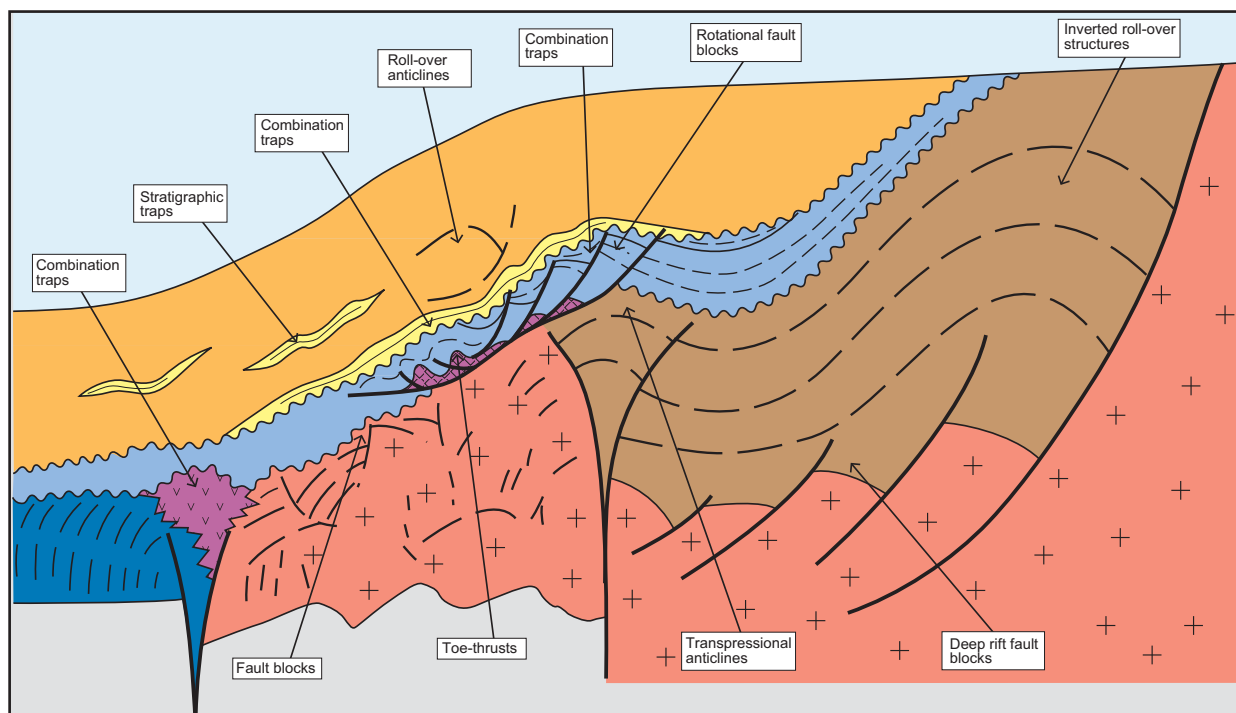


A comprehensive, multi-disciplinary report providing a modern dataset for assessment of the hydrocarbon system, and combined with the historical data, enable key issues controlling the prospectivity of the Rio Muni Basin to be addressed.

The study includes -

- ◆ Extensive analytical programme, including:-
 - New geochemical analysis of seep oils from Principe and Sao Tome, well cuttings and outcrop samples
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- ◆ Basin modelling, maturity and hydrocarbon generation history reconstruction
- ◆ Recognition of petroleum systems, play concepts and petroleum potential

Available from RPS Energy (ECL) in conjunction with the Ministry of Mines, Industry and Energy, Equatorial Guinea



PLAY TYPES

SCOPE OF STUDY

- ◆ **Review of Regional Geology** of Eastern Gulf of Guinea Atlantic Margin
- ◆ **Tectono-stratigraphic** framework refined to help define key structural episodes and associated deepwater clastic sedimentation
- ◆ **Structural Evolution** based on historical seismic data with presentation of new structural models
- ◆ **Source Rock Evaluation** of identified pre and post-salt source-prone intervals
- ◆ **Thermal History Reconstruction and Maturity Development** using AFTA / VR analysis and basin modelling for source maturity and hydrocarbon generation history
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RPS Energy, 309 Reading Road, Henley-on-Thames, Oxfordshire. RG9 1EL, UK

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Fax: +44 (0)1491 415415 website: www.rpsgroup.com/energy

New biostratigraphical data were acquired from wells in a study by Lacustrine Basin Research, available as a separate report.