Prospectivity Study of the Niger Delta MegaSurvey

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Evaluation of exploration opportunities for bidding rounds or farm-ins require oil companies to quickly and efficiently review and interpret the available data. Often time is limited in which to do this evaluation.
PGS has joined with the DPR to provide an efficient, quick and easy way for oil companies to access the seismic data with which they can undertake this evaluation.

The Nigeria MegaSurvey which PGS and the DPR have created is a merge of over 30,000 square kilometers of 3D seismic data, covering about 20 individual Blocks extending from the shallow into the deepwater Niger Delta. All this data can be licensed by oil companies interested in opportunities in the offshore Niger Delta.

The value of the MegaSurvey is that it provides:
1.) Regional Perspective of the Niger Delta offshore geology.
2.) Five regionally interpreted horizons over the whole MegaSurvey to instantly give oil companies a framework understanding of the geology.
3.) Unrestricted insight into a Block's prospectivity within and outside an individual Block's boundaries.
4.) Perspectives of the structural development from the ocean crust to the present day, which is impossible to see from a purely Block sized dataset. .
5.) An all-in-one data bank to scan, compare and correlate prospects from one play to another within and beyond the block boundaries.
In this presentation, examples are drawn from different parts of the MegaSurvey to reveal tectonics, structure , facies geometry and Direct Hydrocarbon Indicators (DHI's) which can highlight untested plays at a glance