

ORANTO PETROLEUM LIBERIA LIMITED

LIBERIA DEEPWATER BLOCKS FARM IN OPPORTUNITY



Oranto Petroleum Liberia Limited offers access to one of the most compelling deep-water frontier opportunities remaining along the West Africa Transform Margin. The company's offshore Liberia portfolio (Blocks LB-15, LB-16, LB-22 and LB-24) lies within the southern Liberia Basin, a region that combines an attractive tectono-stratigraphic setting with the hallmark features of the broader West Africa Transform Margin. These blocks were awarded by the Liberia Petroleum Regulatory Authority (LPRRA) as part of Liberia's first major offshore licensing round in over a decade.

In the same licensing round, **TotalEnergies EP Liberia** was awarded adjacent offshore blocks LB-06, LB-11, LB-17 and LB-29, marking a significant re-entry by a major international operator into deep-water Liberia. The near-simultaneous awards to Oranto Petroleum Liberia Limited and TotalEnergies

underline growing industry confidence in the prospectivity of the Liberian deep-water margin and provide strong third-party validation of the basin's frontier potential.

Recent industry activity further reinforces this momentum. In January 2026, **BluEnergies** announced a joint study and application agreement with TotalEnergies to evaluate deep-water basin-floor fan plays in the Harper Basin offshore Liberia. The partnership includes a jointly funded technical work program involving advanced 3D seismic reprocessing by TGS and new seabed data acquisition, with the objective of maturing drillable prospects and progressing towards future production sharing contracts. Together, these developments confirm accelerating interest from major international operators in deep-water Liberia and highlight the basin's emerging strategic importance.

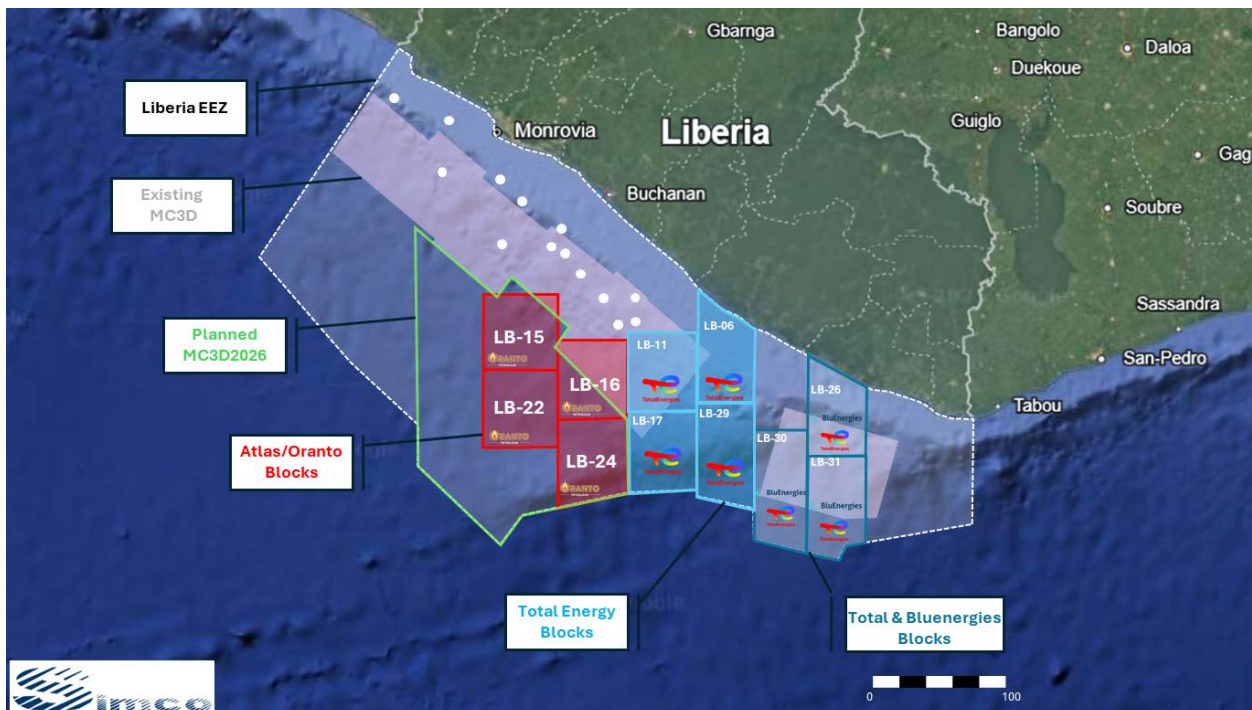


Figure 1 Location map showing Oranto Blocks LB-15, LB-16, LB-22 and LB-24, together with adjacent deep-water blocks LB-26, LB-30 and LB-31 (BluEnergies / TotalEnergies area)

Historically, Liberia's offshore exploration efforts have been limited by the absence of modern 3D seismic. The deeper, more promising parts of the basin have never been imaged with contemporary acquisition technology, leaving a high-impact frontier still largely unseen. This is precisely what defines the significance of the upcoming MC3D-2026 seismic program, designed and led by Future Energy Consultants (FEC) in partnership with NOCAL. The project covers up to 22,541 square kilometres of new 3D seismic, with approximately 10,400 square kilometres directly overlapping Oranto's awarded blocks. This constitutes the first modern deep-water 3D imaging ever undertaken across these licences and is expected to open an entirely new geological window on Liberia's offshore domain.

The seismic program has been engineered to address the specific challenges of deep targets offshore Liberia. The survey will deploy deep-tow, wide-azimuth acquisition and long-offset geometries to maximise signal penetration and subsurface illumination, particularly beneath mass-transport complexes that have compromised 2D imaging in the past. The resulting dataset will be processed using the latest workflows, including full waveform inversion, advanced noise attenuation and velocity model refinement. This approach is intended to deliver a transformational improvement in clarity and depth fidelity, giving explorers the ability to map channel-levee complexes, basin-floor fans, structural

closures and stratigraphic pinch-outs that have never before been resolved in this part of the basin.

The MC3D-2026 survey is already in advanced planning, with acquisition targeted for late Q1 to early Q2 2026. Early participation allows farm-in partners to influence both acquisition and processing parameters, ensuring optimal deliverables aligned with their technical priorities. Fast-track volumes will be made available ahead of Oranto's work commitment deadlines, giving early entrants a strategic lead in prospect generation, play testing and risk reduction. For companies seeking deepwater growth, the alignment of new PSCs, a frontier basin with proven petroleum system elements, and a major modern seismic campaign represents a rare timing advantage.

Simco Energy Management, acting on behalf of Oranto, invites qualified explorers to engage in confidential discussions on equity participation, seismic partnership structures and technical collaboration. The Liberia deep-water margin remains one of the few Atlantic frontiers where first-cycle exploration remains wide open and where a single well, guided by modern seismic, has the potential to unlock a new national play. Investors seeking transformative upside are encouraged to contact Simco Energy Management for full data access and next-step coordination.

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