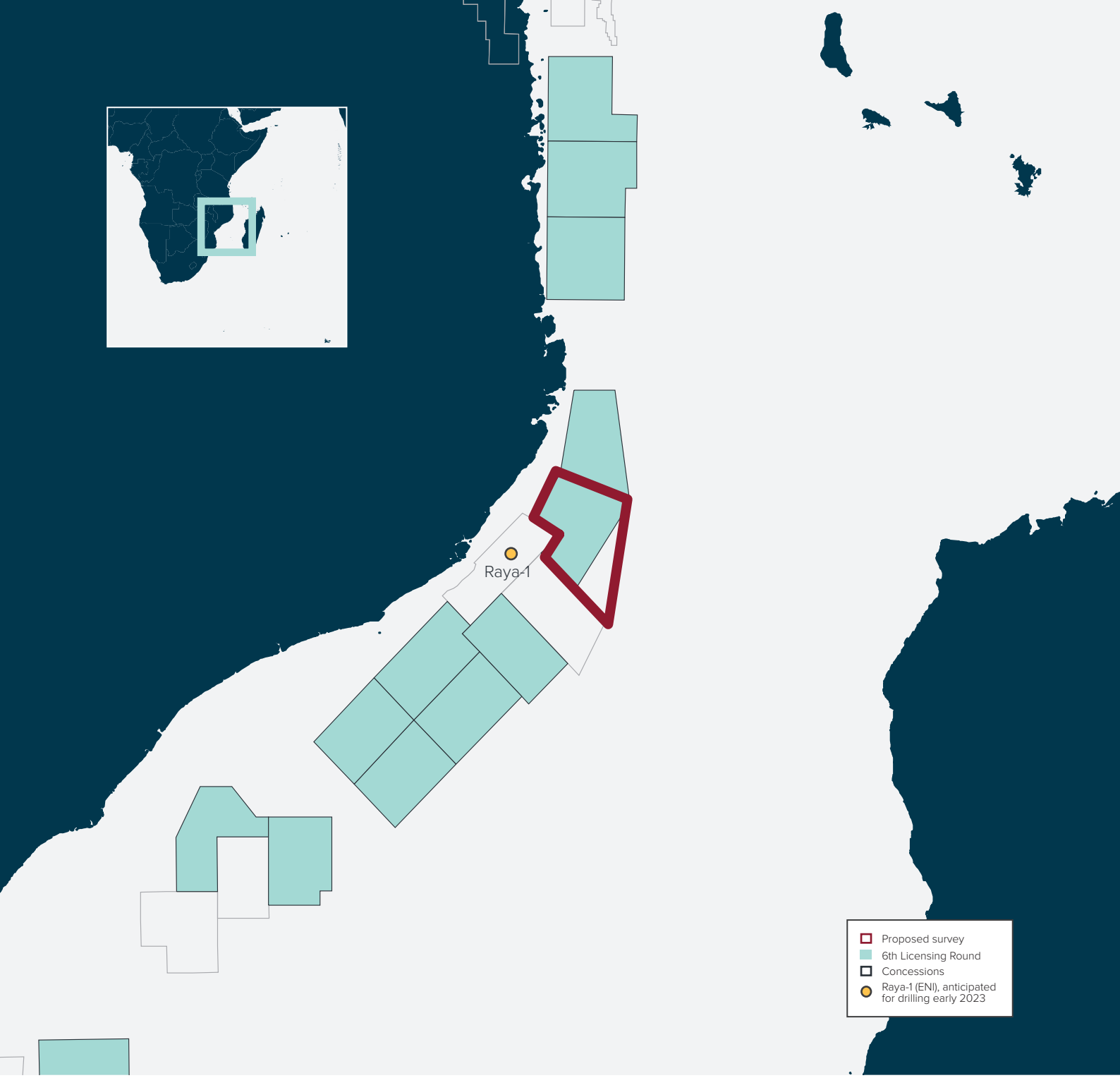

MOZAMBIQUE MC3D

Geoex MCG is pleased to present the multi-client 3D project in Mozambique, covering up to 8,500 km^2 in the North Angoche Basin.

Please contact us to discuss your interest to participate in this project:

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Geoex MCG

G&G and Objectives

Geoex MCG has agreed with the Instituto Nacional de Petróleo (INP) to shoot a modern high-resolution 3D dataset on the A6-B block offshore Mozambique which will cover an area up to 8,500km^2, currently available in the ongoing 6th Licensing round.

This 3D survey will further elucidate the potential prospectivity of the very **underexplored Angoche margin**. The offshore Angoche area contains sediment deposited in a rift, rift-sag, drift, and passive margin environment. Prospectivity of the Angoche margin is supported by discoveries in the Rovuma basin to the north and the onshore Pande and Temane fields in the south. These **discoveries indicate a working petroleum system that may extend to the Angoche margin**.

It is envisaged that oil-prone deep marine source rocks (TOC ~8%) in the Upper Jurassic/Lower Cretaceous (Lower Domo shale equivalent) charge the overlying Lower Cretaceous deep marine sands (Pemba Fm) in fan mounds or wedge out traps on the Northern Basin Slope. Further possible prospectivity lies in the Upper Cretaceous (Domo Sand/Lower Grudja equivalent) which hosts the Rovuma gas discoveries with ~5TCF in total. In the Angoche margin, these reservoirs are paralic grain flow/slump sands in stratigraphic (fan mound) or roll over structural traps. There is also potential prospectivity envisaged close to the Davie fracture zone in a more distal play. The acquisition parameters, therefore, target these reservoir features to allow interpreters further insights that are currently unavailable.

Furthermore, by utilising long streamers, the crustal regime of the **Angoche margin will be imaged to a high standard which has important implications for the thermal regimes**. Further parameters include a 2 ms sampling rate and an 11-second recording length.

This dataset is perfect for those interested in the A6-B block.

Timeline

A shorter exploration cycle is a natural choice to support your Licensing Round application strategy.

1. Environmental Impact Assessment taking place during the Licensing Round
2. Broadband 3D acquisition in Q2 2023
3. First QC'd data available Q3 2023
4. Pre-Stack Depth Migration completed by Q1 2024

Survey Parameters

Open to client input and specification

Parameter	Value
Full Fold Surface Area	8,550 km^2 (Phase I)
Acquisition Type	Broadband Acquisition
Number of Streamers	10
Streamer Length	8,000 m
Streamer Separation	150 m
Streamer Depth	12 m
Recording Length	Continous (min. 11 s)
Sampling	2 ms
Shot Point Interval	50 m (for the same source)
Number of Sources	3
Source Depth	8-9 m
Source Characteristics	3,020 in^3 ~106 bar m
Bin Size	6.25 x 25 m
Nominal Fold	100