

This abstract will be presented during LNG2023 conference on 10-13 July in Vancouver, Canada among many other innovative projects, ideas and outlooks. LNG2023 will provide a unique platform for the global LNG industry and key stakeholders to discuss, debate, and showcase the latest industry developments and opportunities.



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THE CORAL SUL FLNG PROJECT : THE WORLD'S FIRST ULTRA DEEP WATER FLNG

Coral Sul FLNG, operated by ENI on behalf of Area 4 partners, is a floating liquefied natural gas facility installed 80km offshore northern Mozambique, in the Rovuma Basin. It has a nameplate LNG production of 3.4 MTPA from wells located in 2000 meters water depth and a design life of 25 years. It is the world's first ultra deep water FLNG, and the first to be built using project finance. It is Africa's first full function open sea FLNG and first in Mozambique.

Coral FLNG has been executed by a Technip Energies led Consortium comprising a Joint venture between Technip Energies and JGC focused on topsides, Samsung Heavy Industries (SHI) focused on the hull and construction and TechnipFMC for a subsea portion.

The Coral FLNG contract encompasses engineering, procurement construction, towing, installation, start-up as well as operation of the FLNG up to Provisional Acceptance after the performance test runs.

The project was executed in 60 months from FID to RFSU in line with the contract despite the COVID 19 pandemic. 1st LNG cargo is expected by 2nd Half 2022.

The project has endeavored to maximize local content, with the aim of growing skills of the Mozambique workforce and promoting local subcontractors for the development of the oil and gas sector.

This paper will highlight Coral FLNG specificities and will provide an overview of the Coral South Project. It will record the success factors and best practice that have enabled this mega project to be delivered on time.

To view the full conference agenda, visit <https://www.lng2023.org/lng-programme-overview>