

# GMCG Partners with Ganges Geo Resources

To deliver streamlined feasibility studies and development solutions



## India-based Ganges Geo Resources Private Limited has joined forces with Global Maritime Consultants Group (GMCG)

To design an innovative field system that maximizes the potential of the region's existing well infrastructure. This collaboration focuses on delivering streamlined feasibility studies & development solutions, combining cost-effectiveness with high-efficiency methodologies.

### Together

GMCG and Ganges Geo Resources aim to enhance resource management and implement systematic strategies that promote sustainable growth.



### Key areas of focus include

Feasibility studies, FPSO FEED analysis, FPSO selection, cost-time analysis, subsea architecture development, monitoring drilling programs, conceptual field layout design, FPSO conversion specification preparation, and identifying suitable shipyards for conversion.



### The Challenge

To optimize the region's extensive coastline & well network, GMCG will evaluate location feasibility, identify potential fields, & seamlessly integrate them into the existing landscape. The partnership is anchored by a strategic five-step process designed to address these challenges with precision and efficiency.

# GMCG's Approach

## 01. Field Layout Design

GMCG begins by conceptualizing the layout and structure of the D-18 field, leveraging comprehensive bathymetric data and existing well locations to identify optimal sites for new wells. The design process adheres to stringent CAPEX, OPEX, and FDP requirements, maximizing flowline efficiency & providing strategic recommendations for mobilizing drilling rigs.

## 02. FPSO FEED Study Integration

Utilizing geotechnical data and crude oil properties, GMCG conducts feasibility studies to ensure seamless project integration. Key study components include:

- Heat map analysis.
- Equipment sizing.
- Water and gas package specifications.
- Process flow diagrams.
- Power requirement calculations.

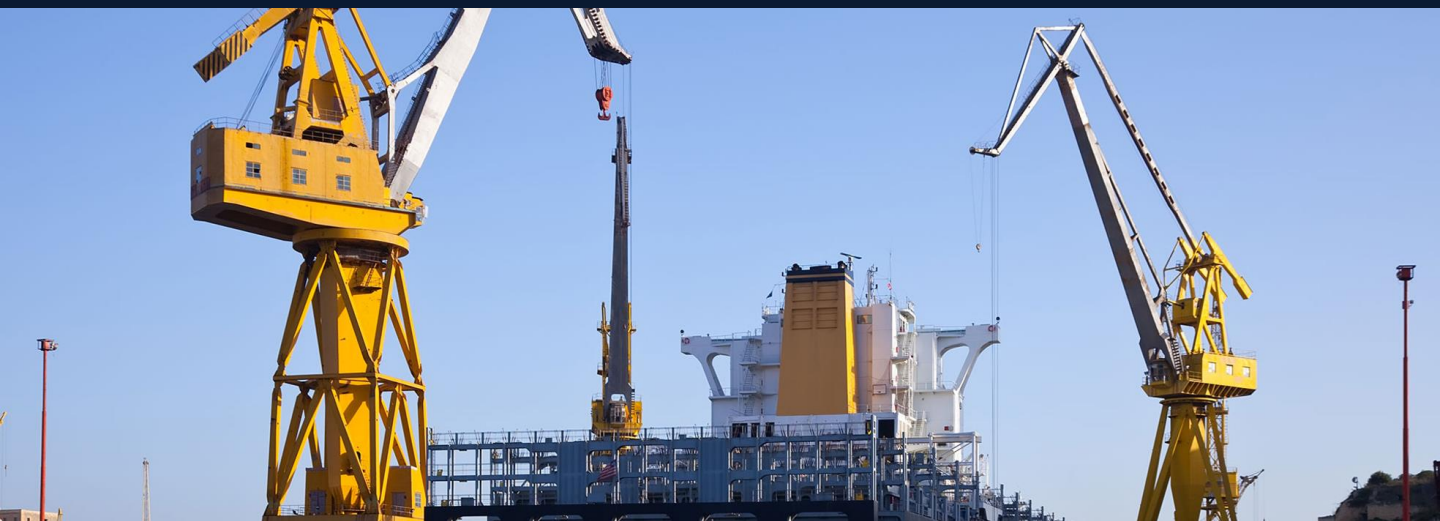
These insights guide compliance and integration for the D-18 field, ensuring alignment with project objectives.

## 03. FPSO D-18 Field Identification

Upon completing feasibility studies, GMCG identifies optimal field sites based on collected data. This phase includes a comprehensive conversion scope and budget estimations to align with project goals.

## 04. FPSO Shipyard Conversion

Shipyard compatibility is critical to the success of the FPSO project. GMCG will identify the most suitable shipyard locations for the D-18 field, ensuring wet and dry requirements are met. Additionally, GMCG will establish efficient transportation pathways to support future operations.



### The Solution

Through this strategic partnership, GMCG provided Ganges Geo Resources with a cost-effective roadmap for assessing, identifying, and converting the ideal FPSO D-18 field. By implementing this structured approach, GMCG aims to support the region's resource development while fostering sustainable growth for future projects.