

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.



## LEAD AUTHOR

**Julien Boulland**

**Global market leader - Commercial department - Sustainable shipping, Bureau Veritas Marine & Offshore**

## CO-AUTHORS

Jean-Francois Castel

Manager Business Development Gazocean

Jose Esteve

Global market leader - Commercial department - Gas floating assets Bureau Veritas Marine & Offshore

## CONVERSION OF LNG CARRIER TO FSRU

Approximately 50 FSRU (Floating Storage and Regasification Unit) are currently in operation, and more are in the making. This solution provides a means of access to the gas market to new customers and countries and carries its specific advantages compared to land-based solutions. Each FSRU project comes with its specific requirements and constraints: location, storage size, regasification output, duration of stay, required availability of the terminal, and exposure to environmental conditions, budget and timeline, expected the duration of the time charter/ownership.

These requirements need to be studied well in advance in the early stages of development, in particular for the technical and regulatory aspects that will have an impact on the chosen solutions (local authorities, Coastal state, Flag state, and Classification society). This is even more acute when the FSRU project is considering the conversion of an existing LNG carrier for the project.

This Paper will discourse on the various technical and regulatory aspects and challenges of a Conversion of LNGC to FSRU project. An overview of the typical features of the conversion will be presented, included conversion project requirements with a focus on how to fulfil and dovetail them with the regulatory requirements.

The paper is jointly presented by GAZOCEAN and BUREAU VERITAS, based on work carried out on projects, bringing in hindights and expertise from a shipowner / shipoperator and regulatory body perspective.

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