

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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MAINTENANCE MODEL ON WORLD CLASS LARGEST LNG COMPANY MERGER *(Organization, Processes and Systems Integration)*

Qatargas is the largest LNG producer in the world that operates 14 Liquefied Natural Gas (LNG) trains with a total annual production capacity of 77 million tonnes per annum.

In 2016, Qatar Petroleum (now Qatar Energy) has announced the Merger of Qatargas and RasGas Co. Ltd.

Today, Qatargas continues to set the benchmark in the LNG industry as it safely and reliably supplies energy to customers all over the world

Well-structured Project Management model was followed to perform all Merger activities capturing the best practices of both QG facilities, achieving major milestones as below:

- *Integrated Maintenance Organization*
- *Integrated Maintenance Business Processes*
- *Robust Integrated Turnaround Management System*
- *Harmonized processes and Procedures*
- *Integrated SAP System*

World class integration model was developed considering:

- Management of Change
- Risk Management
- DMAIC Tool. (Define, Measure, Analyze, Improve and Control)
- *Well Established Business Continuity Plan*

Despite multi-dimensional challenges like COVID-19 leading to logistic issues, oil prices drop, etc. the integration process was implemented successfully, achieving:

- Sustained Safe and Reliable Performance
- Effectively managing multiple turnarounds becoming a Role model in the Oil and Gas industries
- Optimized Maintenance Cost

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