



Important high value facility on a site with significant hazards located in the Philippines. Investigate natural hazard risk, develop mitigation, and design to ensure satisfactory performance. Risk to plant assessed by identifying hazards from: earthquakes, flooding, tsunami, volcanic eruption, poor ground settlement.

Comprehensive and integrated assessment of all natural hazards, risk and mitigation solutions. Development of risk mitigation measures enabled the on-shore gas plant to be developed with an acceptable level of performance. For example, a risk mitigation design proposed ground improvement with stone columns.

Project Description

Project: Malampaya Onshore Gas Plant

Location: New Zealand

Client: Shell Petroleum & Exploration

Total Project Value: Confidential

Start Date: June 2017

End Date: Ongoing

Lead Company: Joint Venture

Associated Consultants: None

Key Features: