

Gorgon Downstream Joint Venture



Scope of Work

The Kellogg Joint Venture (KJV) is undertaking the Front End Engineering and Design (FEED) for the Downstream processing facilities and the Liquefied Natural Gas (LNG) plant including export facilities to be located on Barrow Island.

KJV is an unincorporated joint venture between KBR, JGC Corporation, Hatch and Clough.

The process system will receive hydrocarbons from the Greater Gorgon Gas Fields (Gorgon and Jansz) and produce LNG for export, with the ability for domestic gas to be fed into the existing mainland distribution network.

The upstream wellhead collection facilities from the Greater Gorgon Gas fields will be situated approximately 90km west of Barrow Island. The process facility is being designed to produce 15 million tonnes per annum of LNG and 300 TJ of Domestic Gas (DOMGAS) per day. Carbon Dioxide from the incoming gas stream will be stripped out in the process facility and compressed for re-injection into saline aquifers deep beneath Barrow Island.

Barrow Island is a Class A Nature Reserve and particular care must be taken to minimise the impact of the Downstream project on the sensitive environment. This commitment to minimise impact to the environment is a key consideration in all aspects of design and project execution.

During FEED, KJV is operating two offices, an LNG design office in London, England, and a procurement and construction management office in Perth.

Gorgon Downstream Joint Venture Contacts

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For more information about the Gorgon Project contact
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