

## Application Description



The Gorgon gas project is a natural gas project in Western Australia, involving the development of the Greater Gorgon gas fields, subsea gas-gathering infrastructure, and a liquefied natural gas (LNG) plant on Barrow Island. The project also includes a domestic gas component. It is currently under construction and once completed, will become Australia's fourth LNG export development.

It is one of the world's largest natural gas projects and the largest single resource natural gas project in Australia's history. The Gorgon Project will develop the Greater Gorgon Area gas fields, located about 130 kilometres off the north-west coast of Western Australia.

## Location – Country

The Gorgon project is an onshore facility located on Barrow Island 56km off the north west coast of Western Australia.

## CamunaCavi products

### Description

CamunaCavi provided Instrumentation and Low Voltage Power Cables.

## Standards and Approvals

The latest revision of the following standards have been required: AS/NZS 5000.1(IEC 60502-1), AS/NZS 1660.5.5 (IEC 60331), AS/NZS 1660.5.1 (IEC 60332-3-22 Cat A).

### Certification, Documentations

Test report, Declaration of Conformity, Witness Inspection activities and Technical Book.

## Project Implementation

The project consisted of a supply of Instrumentation and Low Voltage Power Cables.

## Other information

The Gorgon and the Jansz-Lo gas fields contain 35.3 trillion cubic feet ( $1,000 \times 10^9 \text{ m}^3$ ) of natural gas and may have a lifespan of 60 years.

## The decision Makers

Project owner: Chevron

## The Investors

Gorgon Joint Venture (Chevron Australia -47% share and project operator), Shell Development Australia (a subsidiary of Royal Dutch Shell -25%), Mobil Australia Resources (a subsidiary of Exxon Mobil - 25%), Osaka Gas -1.25%, Tokyo Gas -1% and Chubu Electric Power -0.417%.

Vendor lists:

### Main contractors for this project:

The Kellogg Joint Venture Group (KJVG) - engineering, procurement, fabrication and construction (EPC)

## Subcontractor

**CB&I** - mechanical, electrical and instrumentation work. **Subsea 7 S.A** - transportation and installation of subsea umbilicals and structures.

*By Dieudonné Mubenzem*