

# ASX/MEDIA RELEASE 20 July 2011

# GLADSTONE FISHERMAN'S LANDING LNG PROJECT CARBON TAX IMPACT

As a result of shareholder enquiries the Directors of Liquefied Natural Gas Limited ("Company") (ASX Code: LNG) are pleased to provide a brief overview of the impact of the Australian Government's recently announced carbon tax on the Company's 100% owned Fisherman's Landing LNG Project, in the Port of Gladstone, Queensland. It should be noted that several aspects of the carbon tax scheme require further clarification by the Australian Government and the scheme is yet to be passed into law by the Australian Parliament.

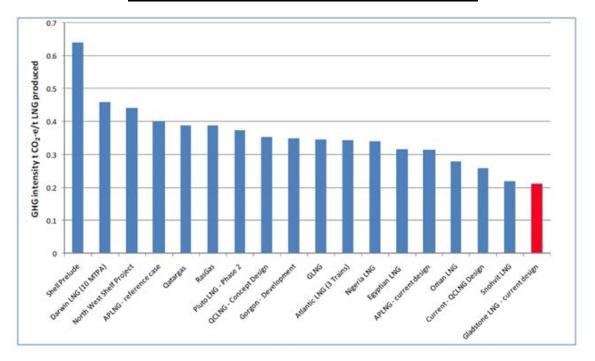
The proposed Fisherman's Landing LNG Project has a guaranteed LNG production capacity of 3 million tonnes per annum and will use the Company's wholly owned and developed OSMR® LNG process, which generates around 30% less carbon emissions than projects using traditional LNG liquefaction technologies.

The Company in its project financial modelling has always included provision for a potential carbon tax, as part of its operating costs, on 100% of the assessed carbon emissions. The announced carbon tax requires LNG projects to acquire carbon credits for only 50% of their annual carbon emissions and includes fixed carbon credit prices over the first 3 years (2012 to 2015), commencing at \$23/tonne and escalating at 2.5%pa. Thereafter a carbon credit trading scheme will be introduced with a transitional minimum and maximum price to be applied by the Australian Government. While some uncertainty exists in relation to carbon credit prices after the 3 year fixed price period the Company considers that it has adopted a conservative approach in its project financial modelling and does not expect the announced carbon tax to have any material impact on existing project return calculations.

The following graph compares the Greenhouse Gas (" $\mathbf{GHG}$ ") emissions of various Australian and International LNG plants. The GHG intensity of an LNG plant is measured in tonnes of carbon dioxide (" $\mathbf{CO_2}$ ") emitted per tonne of LNG produced. The GHG emissions include  $\mathbf{CO_2}$  removed from feed gas, which can vary significantly from one plant to another, as well as  $\mathbf{CO_2}$  generated from combustion of fuel to power the plant, flare gas and the operating environment.

Several features of the OSMR<sup>®</sup> LNG process, including the use of a combined heat and power plant recovering waste heat from the gas turbines, allows the Fisherman's Landing LNG Project to be the 'best in class' in reducing CO<sub>2</sub> emissions with a confirmed design rate of 0.21 tCO<sub>2</sub>e/tLNG.

## **GHG** intensities of Australian and International LNG Plants



Source: APLNG EIS (March, 2010) http://www.aplng.com.au/eis

Company Director and Chief Technical Officer, Paul Bridgwood said "the substantial commercial advantages of our technology, being around half the capital cost and with a fuel bill around 30% less than other traditional technologies, is further improved as we will pay around 30% less carbon tax. Also, our wholly owned and developed boil off gas ("**BOG**") recovery system allows us to eliminate flaring during normal operation and during ship loading, something which other processes struggle to achieve.

Patents applications have been lodged to protect the Company's OSMR<sup>®</sup> LNG process and BOG system (refer to the Company's ASX release of 14 July 2011 for further details).

The Company believes the introduction of a carbon emissions tax will bring changes in future LNG plant designs in Australia towards adopting 'Best Available Technology', such as the Company's OSMR® LNG process, to reduce carbon emissions. The Company has positioned itself to be a low capital and operating cost LNG plant provider as well as to produce the lowest possible level of emissions on which the carbon tax is assessed.

### For further information contact:

Mr Paul Bridgwood Director & Chief Technical Officer Telephone: + 61 8 9366 3700 Mr David Gardner Company Secretary Telephone: + 61 8 9366 3700

### **Liquefied Natural Gas Limited**

Ground Floor, 5 Ord Street, West Perth WA 6005 **Telephone:** (08) 9366 3700 Facsimile: (08) 9366 3799

Email: LNG@LNGLimited.com.au Web site: www.LNGLimited.com.au