

August 6, 2018

PRESS RELEASE

Chiyoda Corporation
IR, PR & CSR Department**The Development of AI Technology for PT. Donggi-Senoro LNG**

Chiyoda Corporation (“Chiyoda”, TSE: 6366; ISIN: JP 352800004) is pleased to announce that it has agreed with PT. Donggi-Senoro LNG (“DSLNG”) on the development of Artificial Intelligence (“AI”) to improve the productivity of the LNG plant facilities owned and operated by DSLNG.

Following Proof of Concept and bilateral discussions, Chiyoda and DSLNG came to the conclusion that AI can be used to support an increase in LNG production and both companies are keen to move on to its full-scale development.

The project aims to increase LNG production by AI technology which has learnt from past operating experiences and advises plant operators of the optimum operation parameters under ever-changing operational conditions.

Chiyoda is collaborating with its strategic alliance partner, GRID Inc.(“GRID”) *1.
Chiyoda is responsible for total project management, backed by its advanced engineering expertise, including analysis of process data, assessment of potential impacts caused by an increase in LNG production, feasibility check for operational parameters presented by AI, etc.
GRID is responsible for AI development utilizing its advanced and highly sophisticated AI technology.

This will be the first LNG project in the world where innovative AI technology - Deep Learning is introduced to an LNG plant in operation, allowing an increase in LNG production in a safe and quick manner without any plant facility modification.

Chiyoda believes that the said technology implemented together with DSLNG is capable of contributing to the roadmap set out by Republic of Indonesia, “Making Indonesia 4.0”.

Chiyoda is continually striving to achieve its goal of ‘technology and business innovation (developing a new business model for a digital society)’ as per its Medium-Term Management Plan: “Mirai Engineering” - A Grand Opportunity for the Future.

*1 ‘Business Alliance for AI Technologies for Plant Profitability’ released on 20th December 2016.

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