

September 29, 2021

## Parties Sign MoU for Joint Discussions on Ship-to-Ship LNG Bunkering in Western Japan

Itochu Enex Co., Ltd. (head office: Tokyo; President & CEO: Kenji Okada ), Kyushu Electric Power Company, Incorporated( head office: Fukuoka; President & CEO: Kazuhiro Ikebe), SAIBU GAS CO., LTD. (head office: Fukuoka; President: Yukinori Michinaga), and Nippon Yusen Kabushiki Kaisha (head office: Tokyo; President: Hitoshi Nagasawa) (hereinafter “the parties”) signed a memorandum of understanding (MoU) for joint discussions on the commercialization of a new business to supply liquefied natural gas (LNG) as a marine fuel to ships in the Setouchi and Kyushu areas of western Japan.

The International Maritime Organization (IMO) has agreed on an ambition to reduce GHG emissions from shipping by at least 50 percent by 2050 compared to 2008 and GHG emissions from ships to zero as early as possible in this century. LNG fuel as a marine fuel\* is expected to be a bridging solution to next-generation zero-emission fuels such as hydrogen and ammonia. Therefore, the parties have decided to examine the commercialization of an LNG bunkering business in the Setouchi and Kyushu areas of western Japan, including marketing activities to consumers such as Kyushu Electric Power Company, Incorporated, for its LNG-fueled coal carriers, which are scheduled to be delivered in fiscal 2023, as well as the construction and owning of LNG vessels required for ship-to-ship supply.\*\*

\* Compared to heavy fuel oil, the use of LNG can reduce emissions of sulfur oxides (SOx) and particulate matter (PM) by approximately 100 percent, nitrogen oxides (NOx) by as much as 80 percent, and carbon dioxide (CO<sub>2</sub>) by approximately 30 percent.

\*\* A method of bunkering where an LNG bunkering vessel comes alongside an LNG-fueled vessel to supply LNG. This can be done at various locations, such as along the quay or pier or at anchor.

[Contact information for this release]

ITOCHU ENEX Co.,Ltd.

Industrial Business Division, Marine Fuels Department

Iio, and Shikata

Tel: +81-3-4233-8083

ITOCHU ENEX Co.,Ltd.

Corporate Communications Office, Management Planning Department,

Aoyagi

Tel: +81-3-4233-8003, email: [iri@itcenex.com](mailto:iri@itcenex.com)