

# News Release

June 11, 2021

Astomos Energy Corporation

## Astomos purchases first ever carbon-neutral LPG from Shell

Astomos Energy Corporation (Headquarters: Chiyoda-ku, Tokyo; President: Tsuyoshi Ogasawara, hereinafter "Astomos") has signed an agreement to purchase carbon-neutral<sup>1</sup> liquefied petroleum gas (LPG) from Shell International Eastern Trading Company (hereinafter, "Shell"). This VLGC-size LPG cargo is believed to be the world's first such carbon-neutral LPG.

In this agreement, credits from Shell's global portfolio of nature-based projects will be used to offset lifecycle CO<sub>2e</sub> emissions generated across the value chain<sup>2</sup> from production to consumption (combustion), including transportation. Nature-based projects protect, transform or restore land and enable nature to add oxygen and absorb CO<sub>2e</sub> emissions from the atmosphere. Each carbon offset is subject to a third-party verification process and represents the avoidance or removal of one tonne of CO<sub>2e</sub>.

Astomos is planning to load this carbon-neutral LPG onto a ship owned by Astomos and to discharge at import terminals in Japan.

Emily Chin, Shell's General Manager for Natural Gas Liquids Trading, said: "The transition to a low-carbon energy future requires a range of solutions. As more ways to avoid and reduce emissions are developed at scale, using high-quality nature-based offsets to compensate for greenhouse gas (GHG) emissions, that are otherwise hard-to-abate, is an immediately available solution. We are very pleased to be collaborating with Astomos Energy for this carbon-neutral offering in the LPG industry."

Toru Araki, Astomos's Executive Vice President, COO, International Business Division, said: "Astomos is proud to lead decarbonisation of the LPG industry and contribute to the transition and realisation of Japan's net-zero ambitions. "

<sup>1</sup> The CO<sub>2e</sub> lifecycle emissions of this product have been offset with verified Nature-Based Carbon Credits.

<sup>2</sup> DEFRA Greenhouse gas reporting: conversion factors 2020 will be used to calculate GHG emissions

**【 Contact 】**

**URL: <http://www.astomos.jp>**