

# LNG Bunkering in Japan

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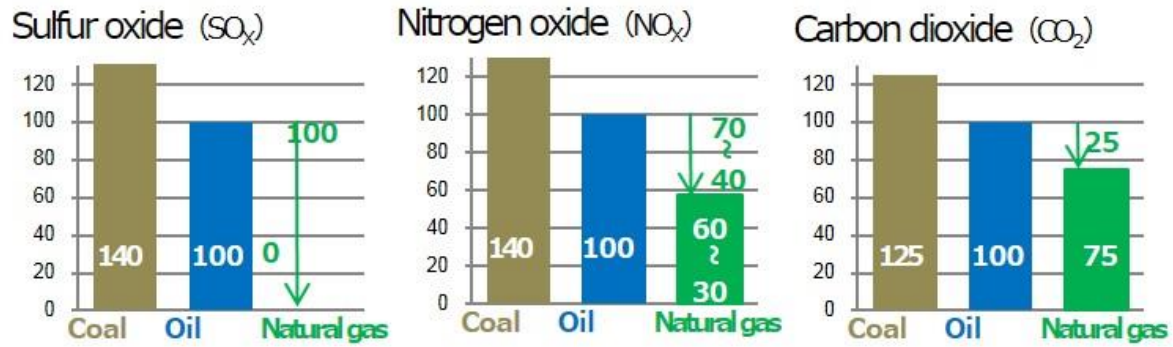
Osamu Horita,

Deputy Director-General for Engineering Affairs,  
Ports and Harbours Bureau

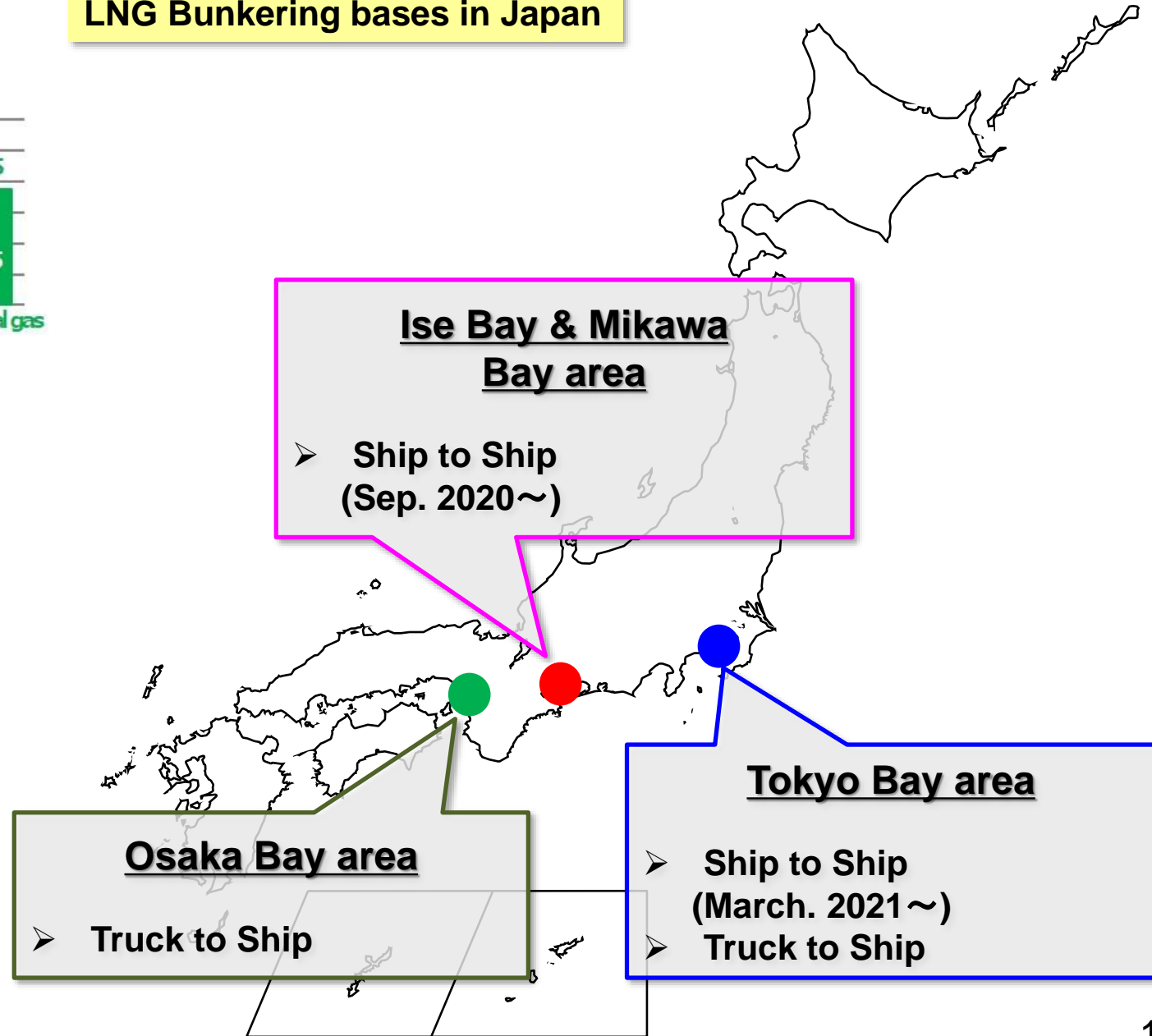
September 26, 2019

# LNG Bunkering projects in Japan

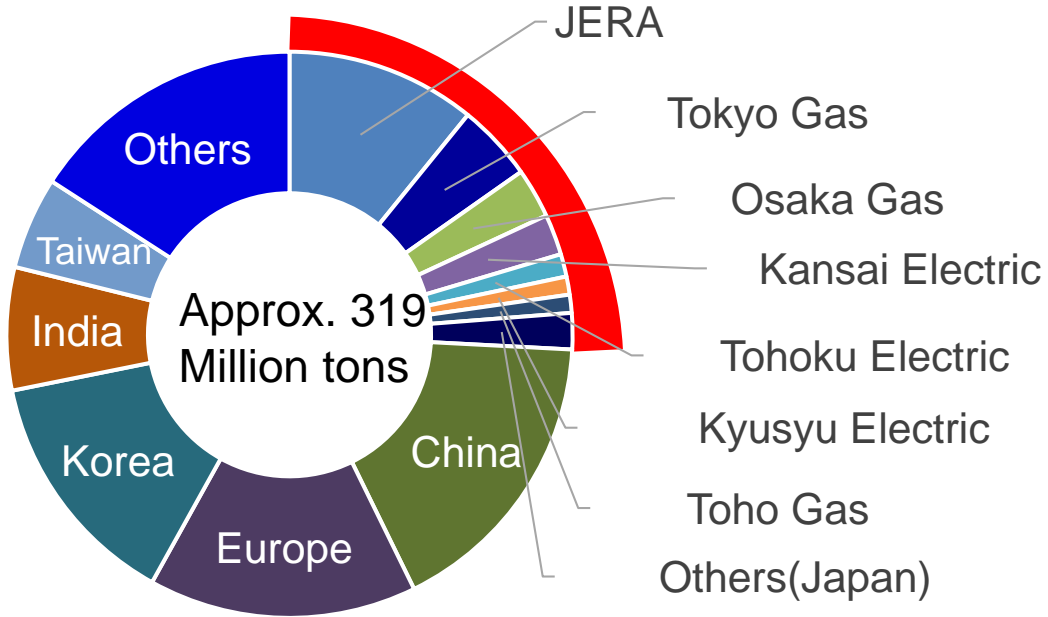
## Environmental advantages of natural gas



## LNG Bunkering bases in Japan



## The world's largest LNG importer (2018)



**Japan's volume**  
**Approx. 82 million tons (about 26 %)**

# Ise Bay & Mikawa Bay area (Ship to Ship)

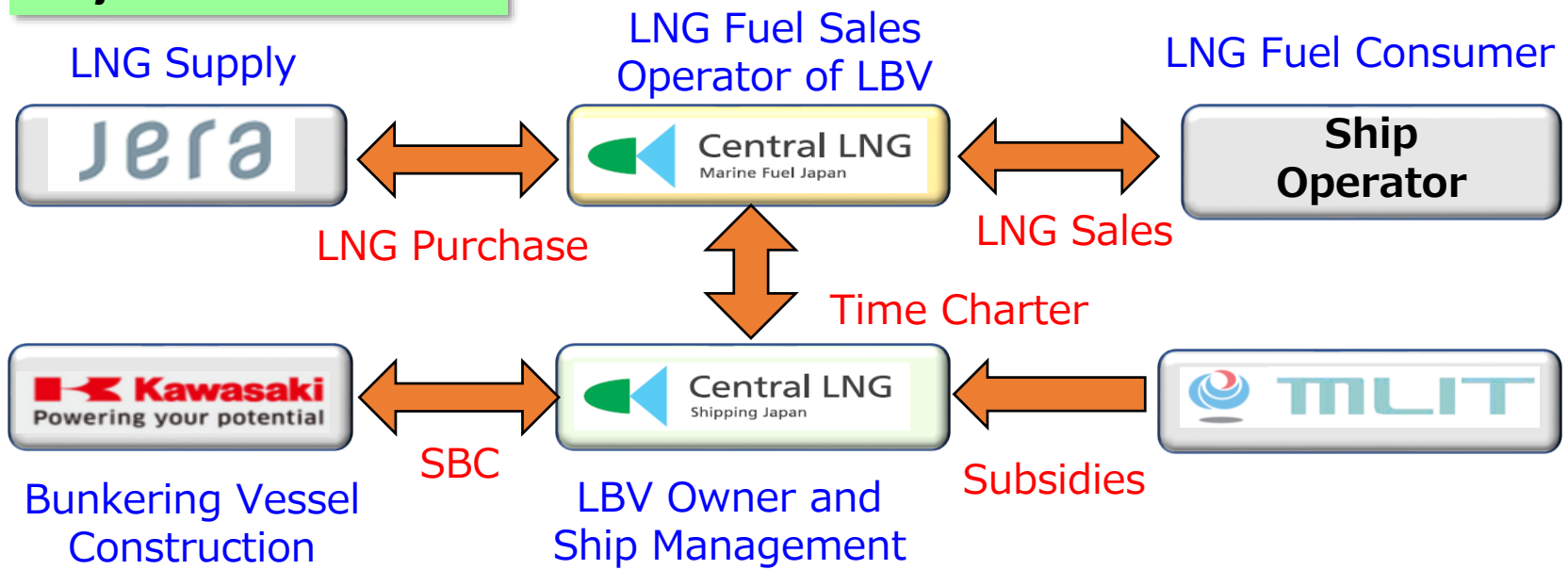
## Overview of the Joint Ventures

<b>Corporate name</b>	<ul style="list-style-type: none"> <li>➤ Central LNG Marine Fuel Japan Corporation (<b>CLMF</b>)</li> <li>➤ Central LNG Shipping Japan Corporation (<b>CLS</b>)</li> </ul>
<b>Shareholders</b>	NYK Line, "K" Line, JERA and Toyota Tsusho
<b>Date of establishment</b>	May 10, 2018

## Principal Particulars of LBV

<b>Tank Capacity</b>	3,500 m <sup>3</sup>
<b>LNG Transfer Rate</b>	500 m <sup>3</sup> /hour
<b>GT</b>	4,100 ton
<b>LOA</b>	81.7 m
<b>Beam</b>	18 m
<b>Delivery</b>	Sep. 2020

## Project Scheme



**INQUIRIES**

[marinefuel@central-lng.com](mailto:marinefuel@central-lng.com)

# Tokyo Bay area (Ship to Ship)

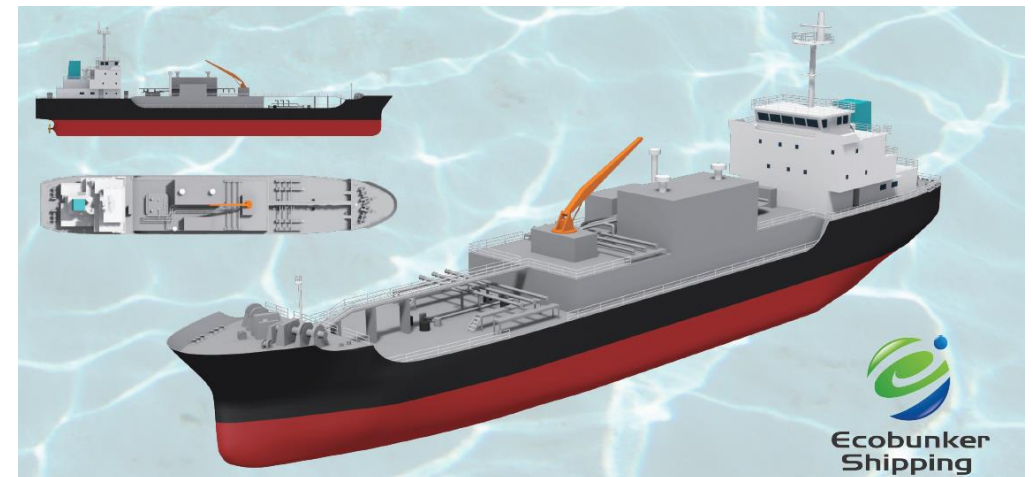
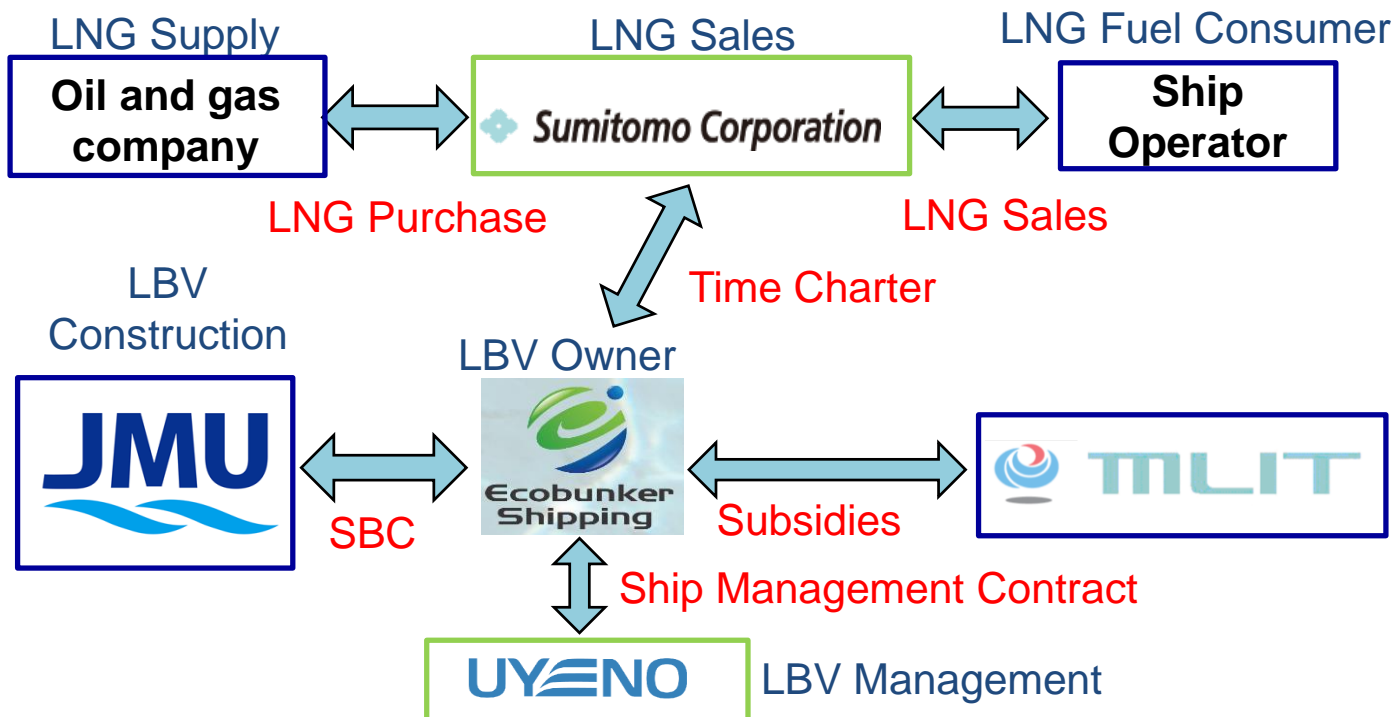
## Overview of the Joint Ventures

<b>Corporate name</b>	Ecobunker Shipping CO., Ltd
<b>Shareholders</b>	Sumitomo Corporation, Uyeno Transtech and YKIP
<b>Date of establishment</b>	November 5, 2018

## Principal Particulars of LBV

<b>LNG Tank Capacity</b>	2,500 m <sup>3</sup>
<b>Low sulfur fuel oil capacity</b>	1,500 m <sup>3</sup>
<b>GT</b>	4,100 ton
<b>LOA</b>	95.57 m
<b>Beam</b>	15.8 m
<b>Delivery</b>	March. 2021

## Project Scheme



## INQUIRIES(Shareholder of Ecobunker Shipping)

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# LNG Bunkering Hub

