

物流クライシスに対する 伊藤忠の挑戦

伊藤忠ドイツ会社

大西益隆

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- Eurasia Logistics Ltd. ... P.3~P.8
“CARoline -DIGITAL PLATFORM- ”
- ITOCHU Marine Department ... P.9~P.15
“Ammonia Fuel Vessel”

Founded : October, 1992

**Capital : HUF 153mil
(equivalent to EUR 510,000)**

Managing Director: Toshiro KURAHASHI

Shareholders:	
ITOCHU Group	96%
WESKAMP Hungary Kft	4%

**Office : Esztergom head quarter
(Hungary)**

**Employees: Total 340 staffs
(as of April 2019)**

Main Business Field :
**Total logistics service, specialized for
 automotive industry**
**Procurement and supply of automotive parts
 for OEM and Tier1 customers**
Trade + logistics integrated solution



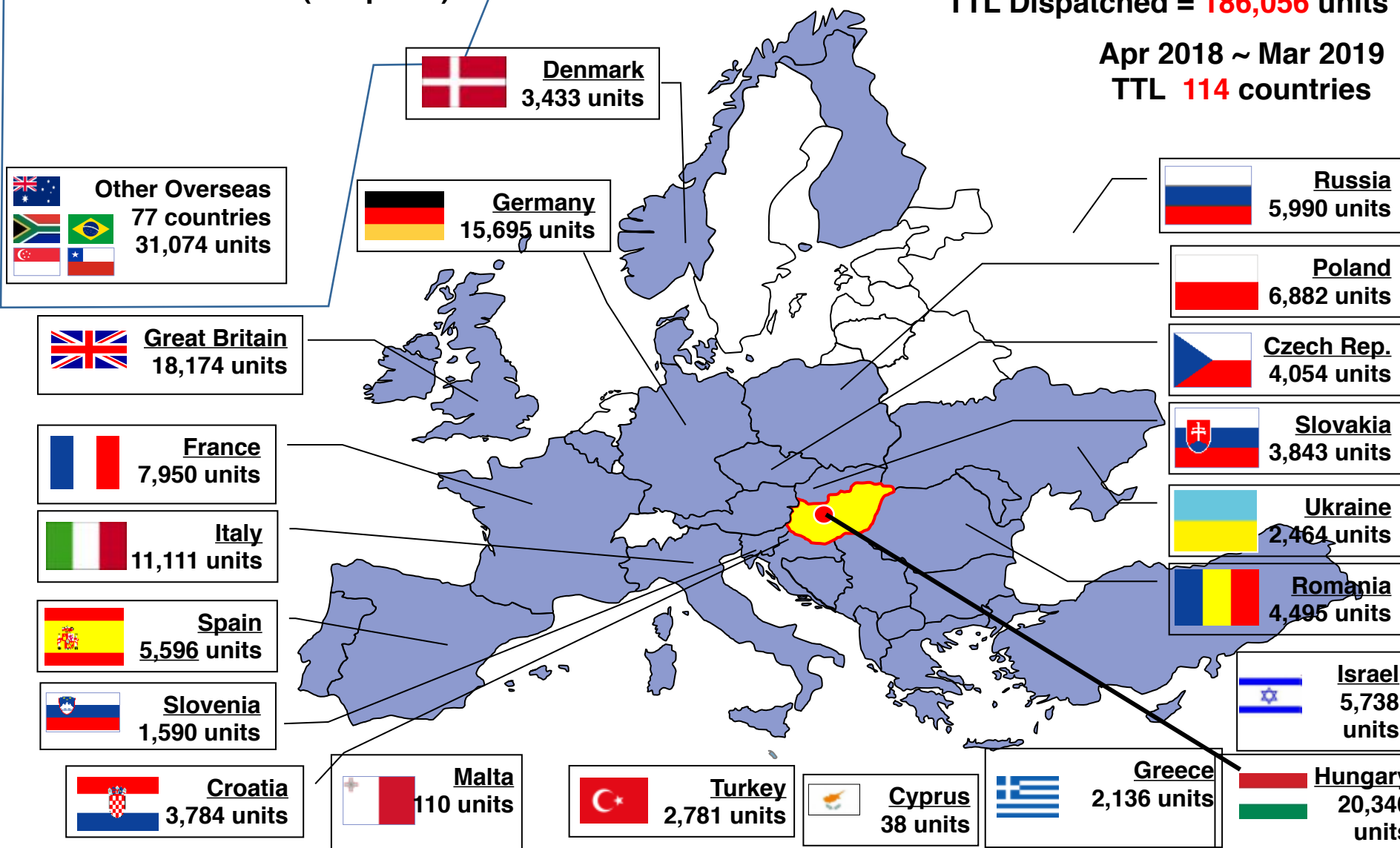
Number of vehicles transported by Eurasia Logistics

Overseas countries (Deep sea)

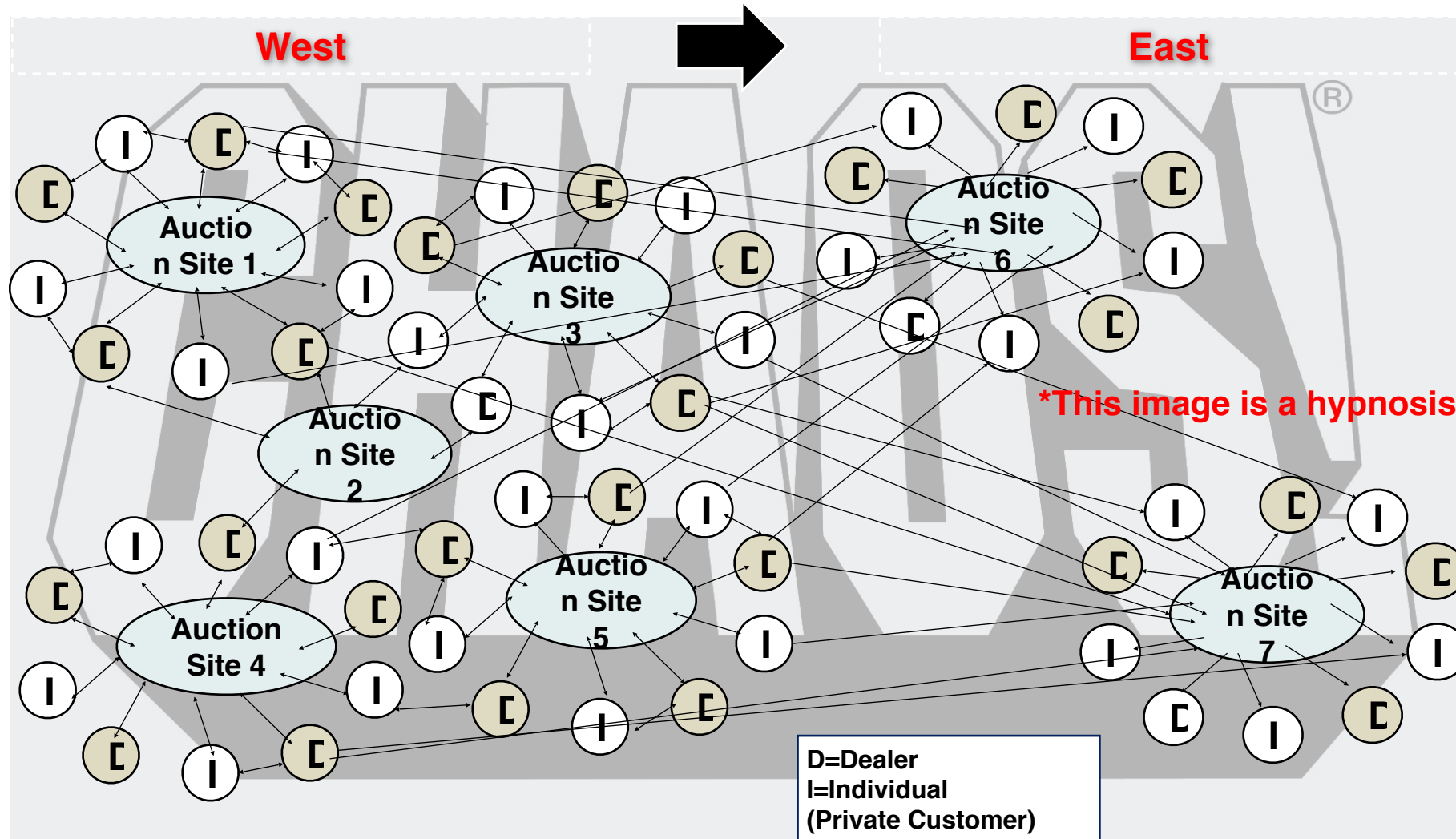
TTL Dispatched = **186,056** units

Apr 2018 ~ Mar 2019

TTL **114** countries



Current Used car Distribution Network



There is an obvious increase in the demand for used car transports. However the most important point, that **the market itself is driven by the small, individual and private customers**. Many small companies offering their services for the purchase and transport of the required vehicles, like below:

Simple, basic way



VS.

Professional, cost effective approach



Used Car Value Chain

B2B / B2C Digital Platform

Trade matching



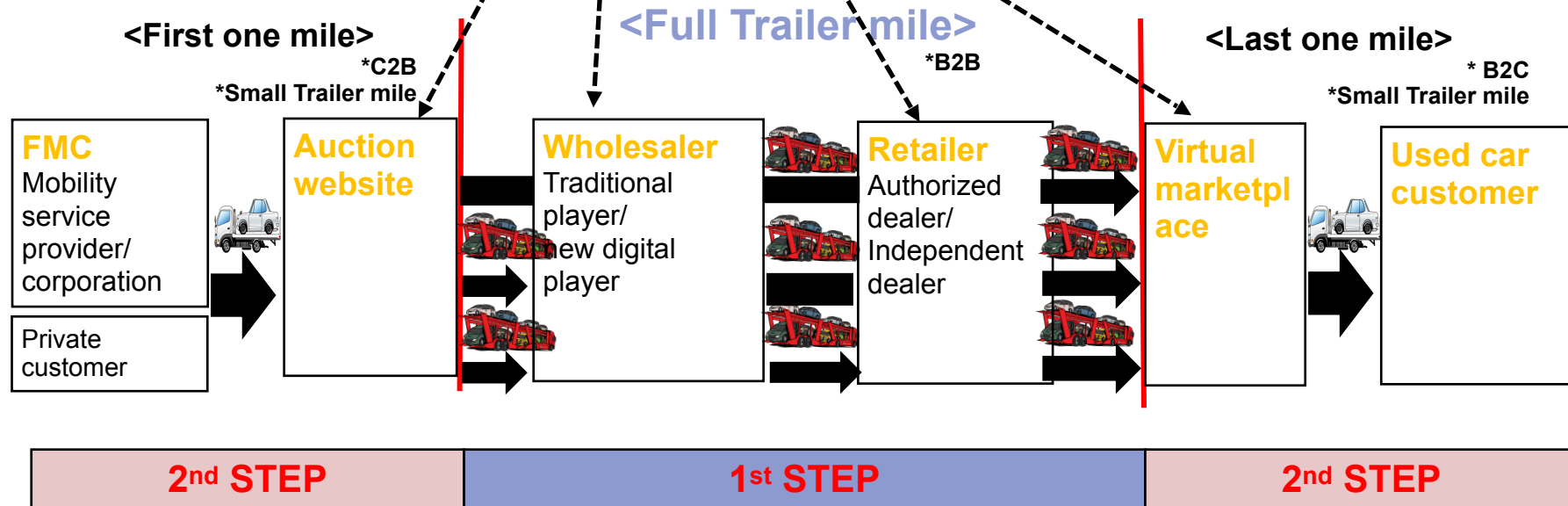
Transportation matching

- Cargo matching
- Full trailer arrangement
- Routing optimization
- Freight payer
- Linked with Auction, Wholesaler, Retailer and Virtual marketplace as a total service provider



<Eurasia Strong Points>

- 180K Suzuki vehicles from East to West
 - Network with Major Logistics companies
 - Financial capability of ITOCHU
 - Global network of ITOCHU
- =>Global business opportunities

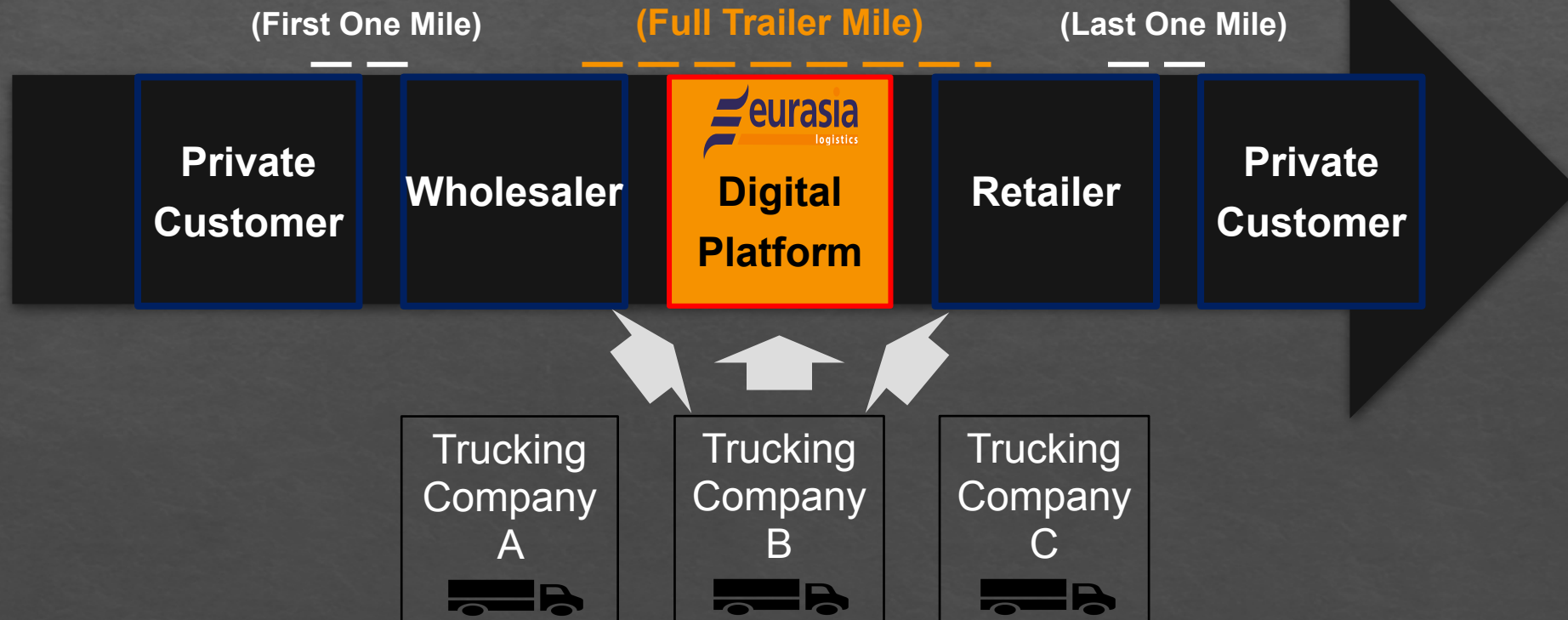


Summary

Future Used car Distribution Network

- ✓ Reduce carbon emission
- ✓ Cost-effective
- ✓ High quality service (Simple & Quick)

Eurasia control/manage the platform in order to simplify the process for Shipper and keep the quality of transportations



Project for the future – GHG Zero-Emission Ship

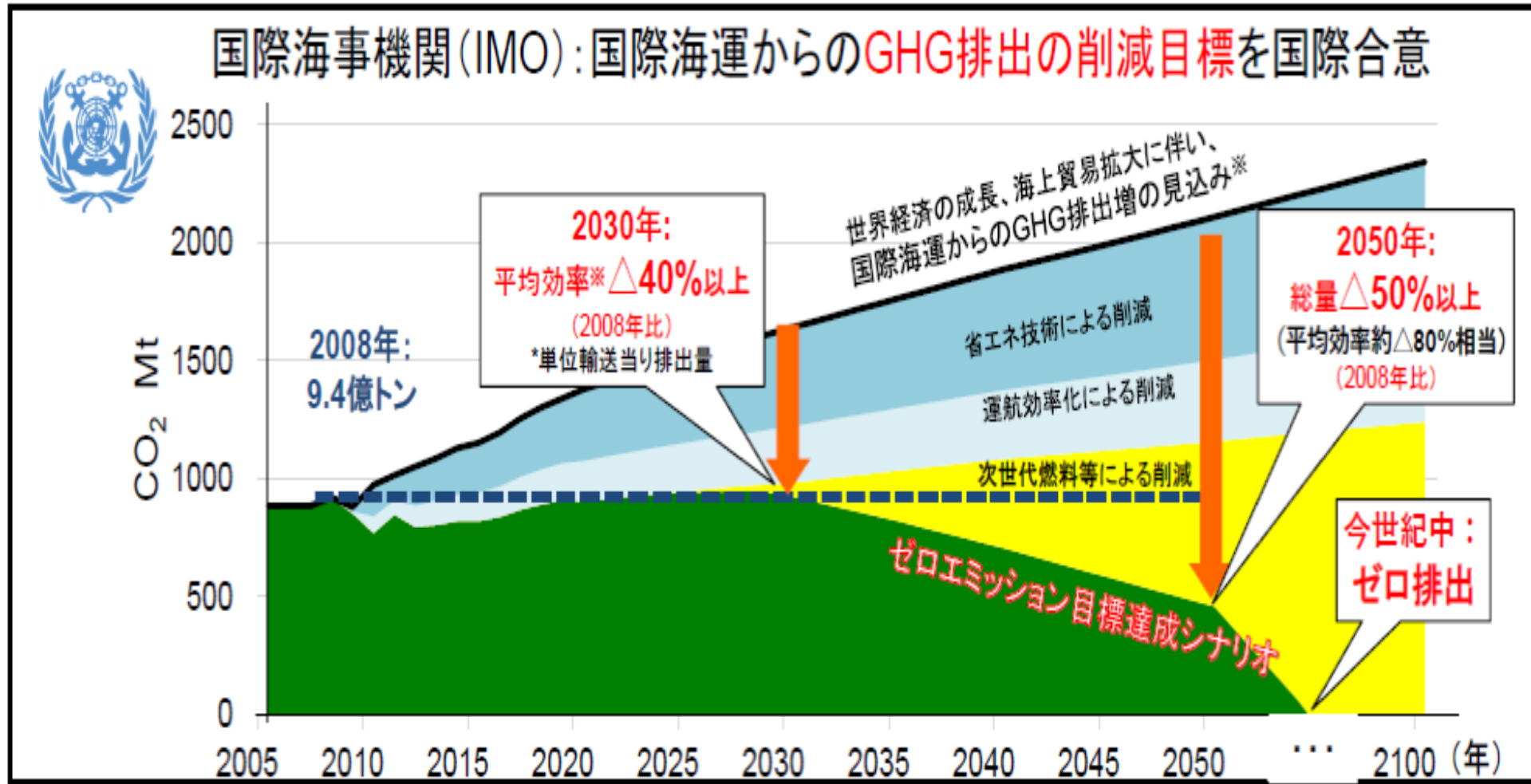
ITOCHU, Imabari Shipbuilding Co., Ltd., MAN Energy Solutions, Mitsui E&S Machinery Co., Ltd., Class NK, and ITOCHU ENEX Co. Ltd., are jointly developing ships equipped with a main engine using ammonia as its main fuel for a decarbonized society.

The purpose of the joint agreement is not limited to development of ships equipped with an Ammonia-fueled Engine, but also supplying ammonia as fuel and set up ammonia supply facilities. ITOCHU promotes the project by making use of networks with various industries / companies.



Fleet (as of May 2021)	Owned by	
	ITOCHU	J/V
Cape	1	2
Panamax / Kamsarmax	2	8
Supramax / Ultramax	9	14
Handysize	1	3
Tanker / PCTC etc.	N/A	3
TOTAL	13	30
LNG Carrier	N/A	9
FPSO (浮体式生産貯蔵積出設備)	N/A	1

国際海事機関の温室効果ガス削減戦略



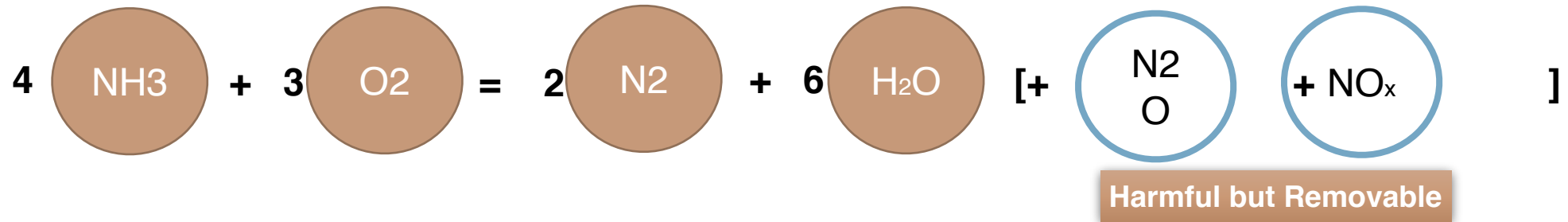
GHG第4次調査 (中間報告@2020年8月公表)

- 2012年 9.6億トン
- 2018年 10.6億トン

【出典：国際海運GHGゼロエミッションプロジェクト】

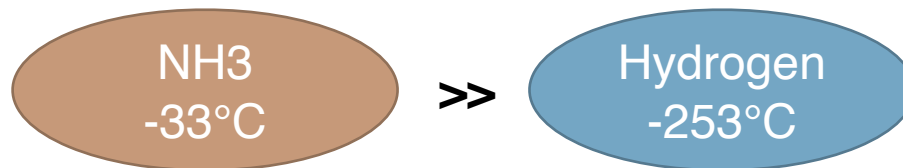
Ammonia is a Promising Alternative Zero Emission Fuel

✓ No CO₂ Emission on Combustion



✓ Easier Handling and Transportation Compared with Hydrogen

Ammonia is in liquid form at higher temperatures. Under 1MPa, Ammonia is in liquid form up to 20°C.



*Boiling Point at Standard Atmosphere

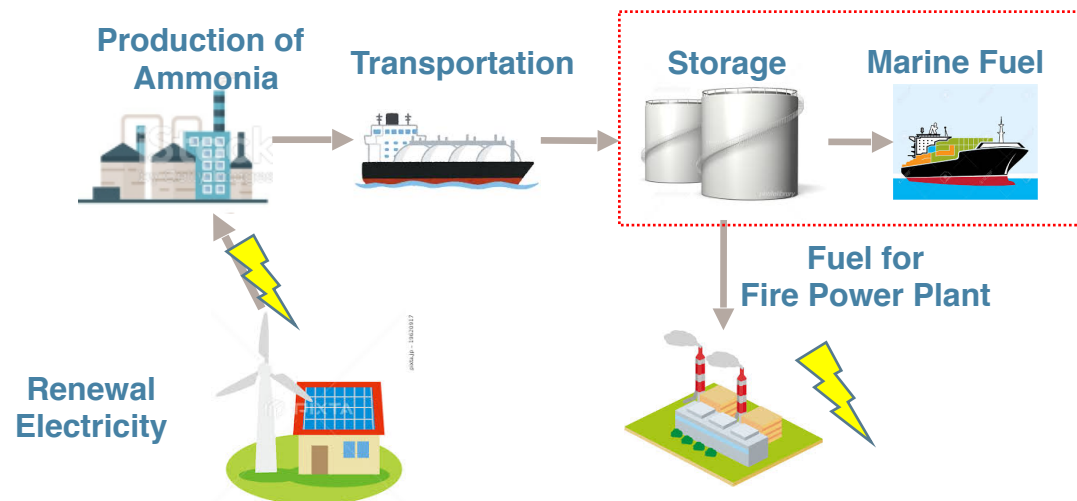
✓ Ammonia Fuel is Expected in The Following Sectors

- Marine Fuel for Cargo Ships
- Fuel for Fire Power Plants
- Hydrogen Carrier for Marine Transportation.
- Large Scale Storage of Hydrogen



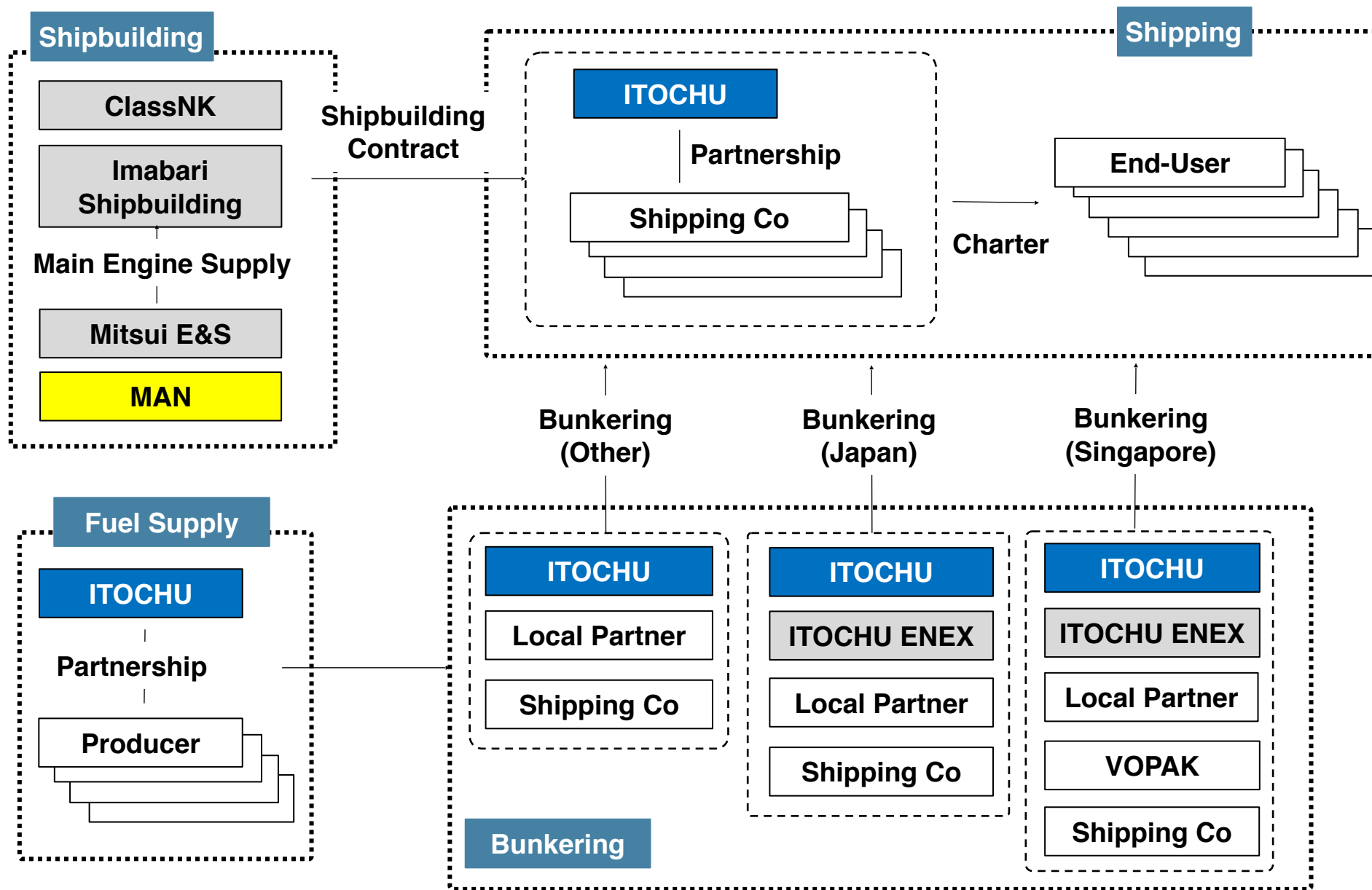
Ammonia could contribute to greener society, as a partner of Hydrogen

Future Green Ammonia Fuel Chain



Item	Plan
Concept	Dual Fuel (NH3 & Conventional Fuel)
Ship Type	Capesize Bulker Carrier (for Iron ore Transportation) Large Size Tanker
Number of Units	10 Ships
Delivery	Between 2025 and 2026
NH3 Bunkering	Limited Bunkering Ports for Ammonia fuel in Singapore Japan

Integrated Development Project



Integrated Development Project – Phase 1

