

LNG Bunkering Development

Yokohama-Kawasaki International Port corporation

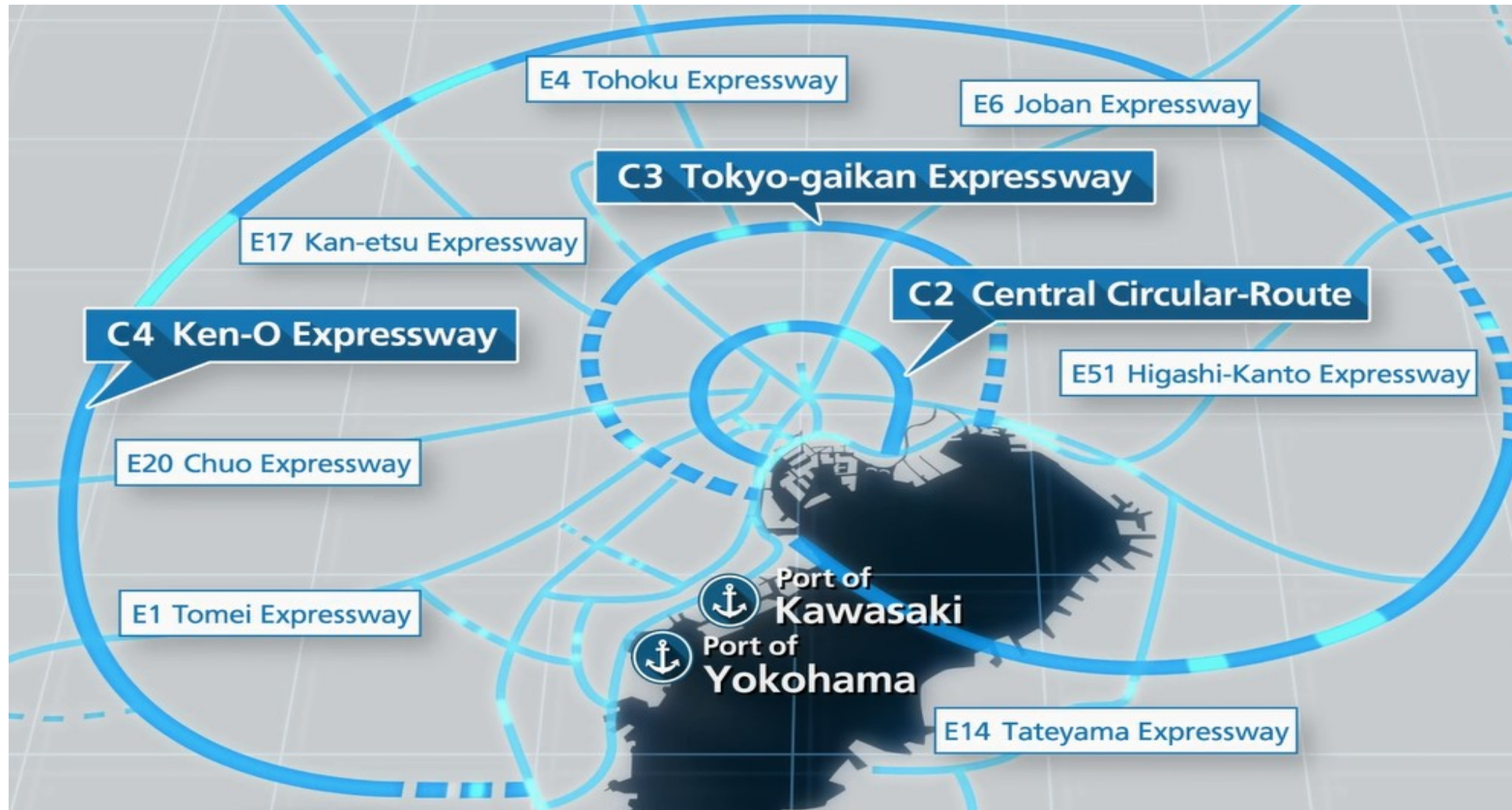


MAY 10TH, 2018, IAPH@BAKU

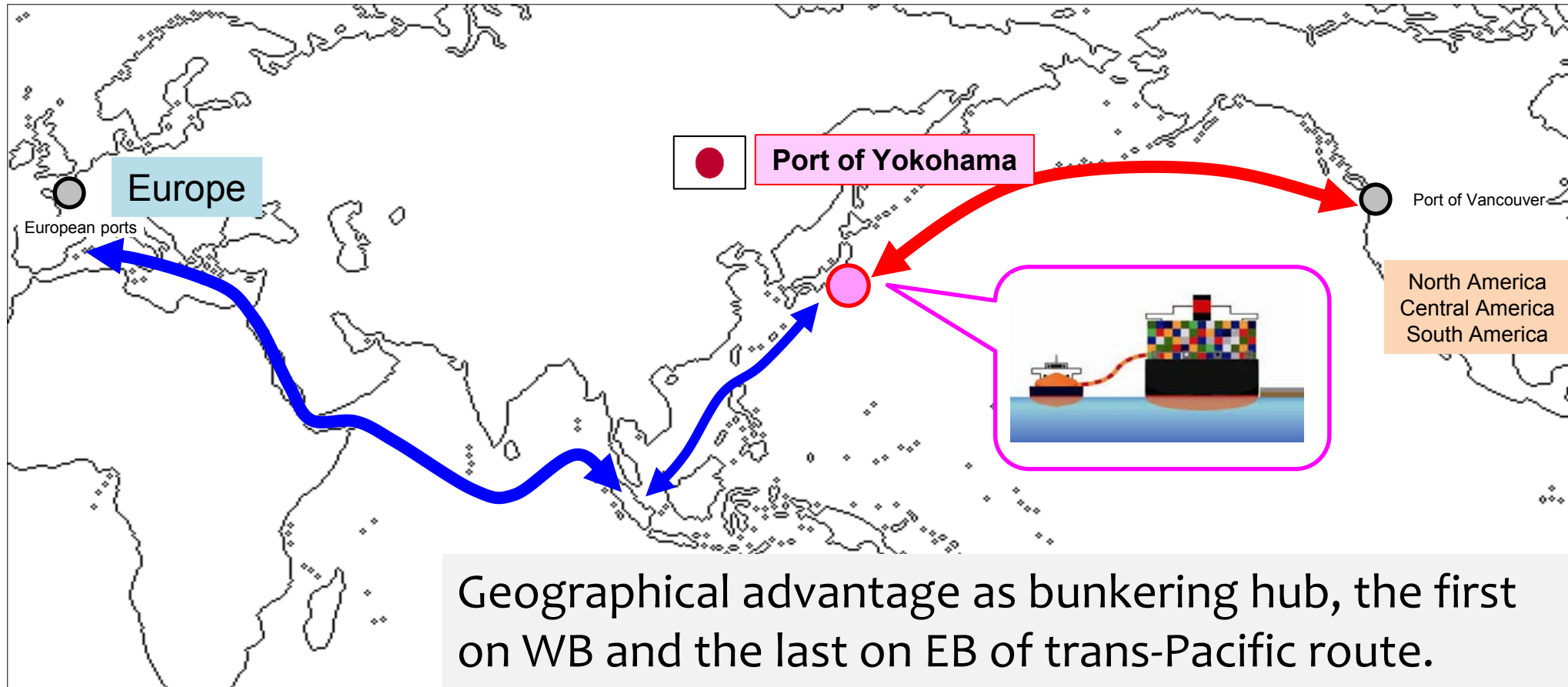
WHO WE (YKIP) ARE

- Established at January 12, 2016
- Funded by MILT, Yokohama City, Kawasaki City
- One of the two International Strategic Ports (ISP) of Japan
- Run by private sector experts
- Managing entity of container terminals
- Promoter for cruise terminals
- Driving engine for LNG Bunkering development

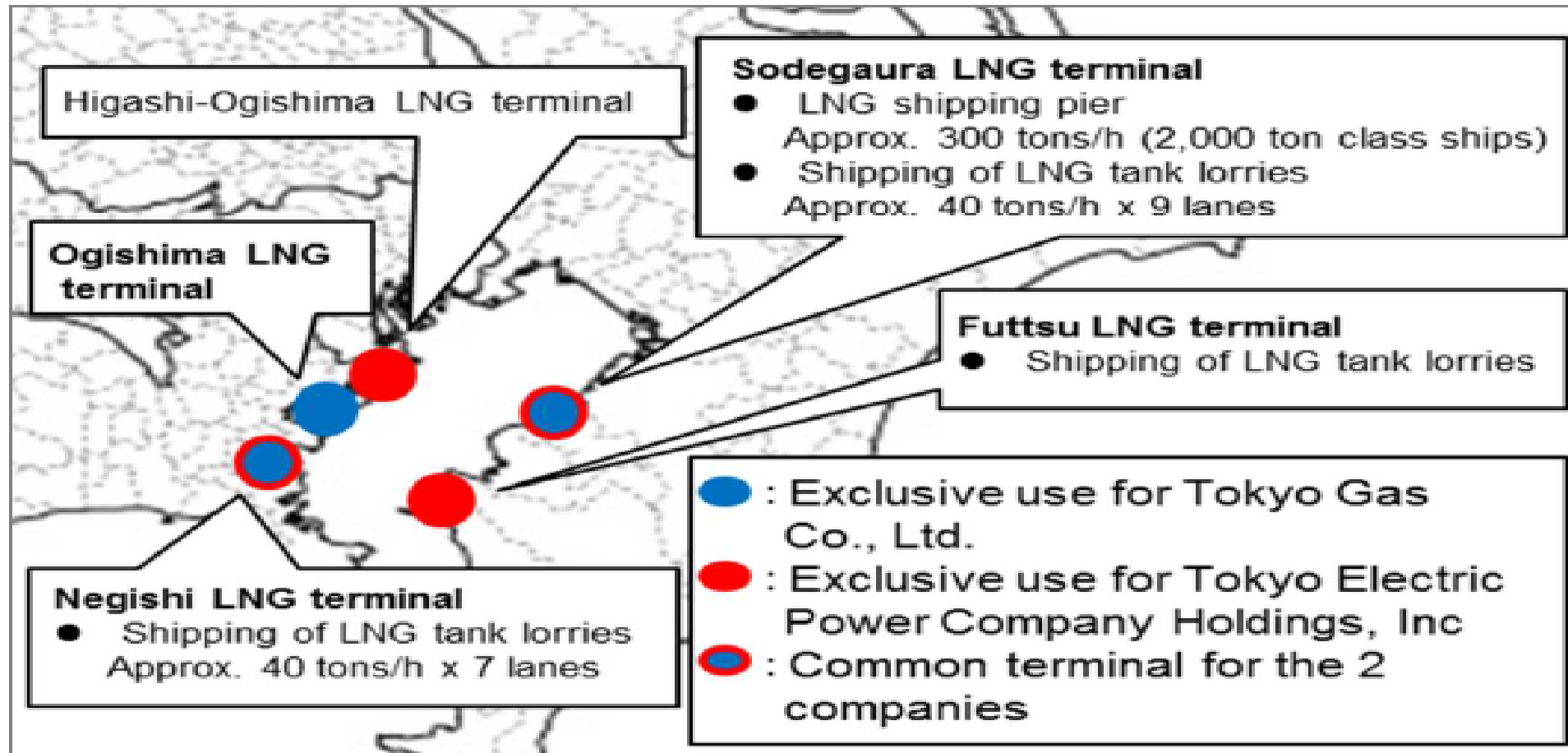
WHERE WE(YKIP) ARE



LNG BUNKERING IN YOKOHAMA



LNG FACILITIES ADJACENT TO THE PORT



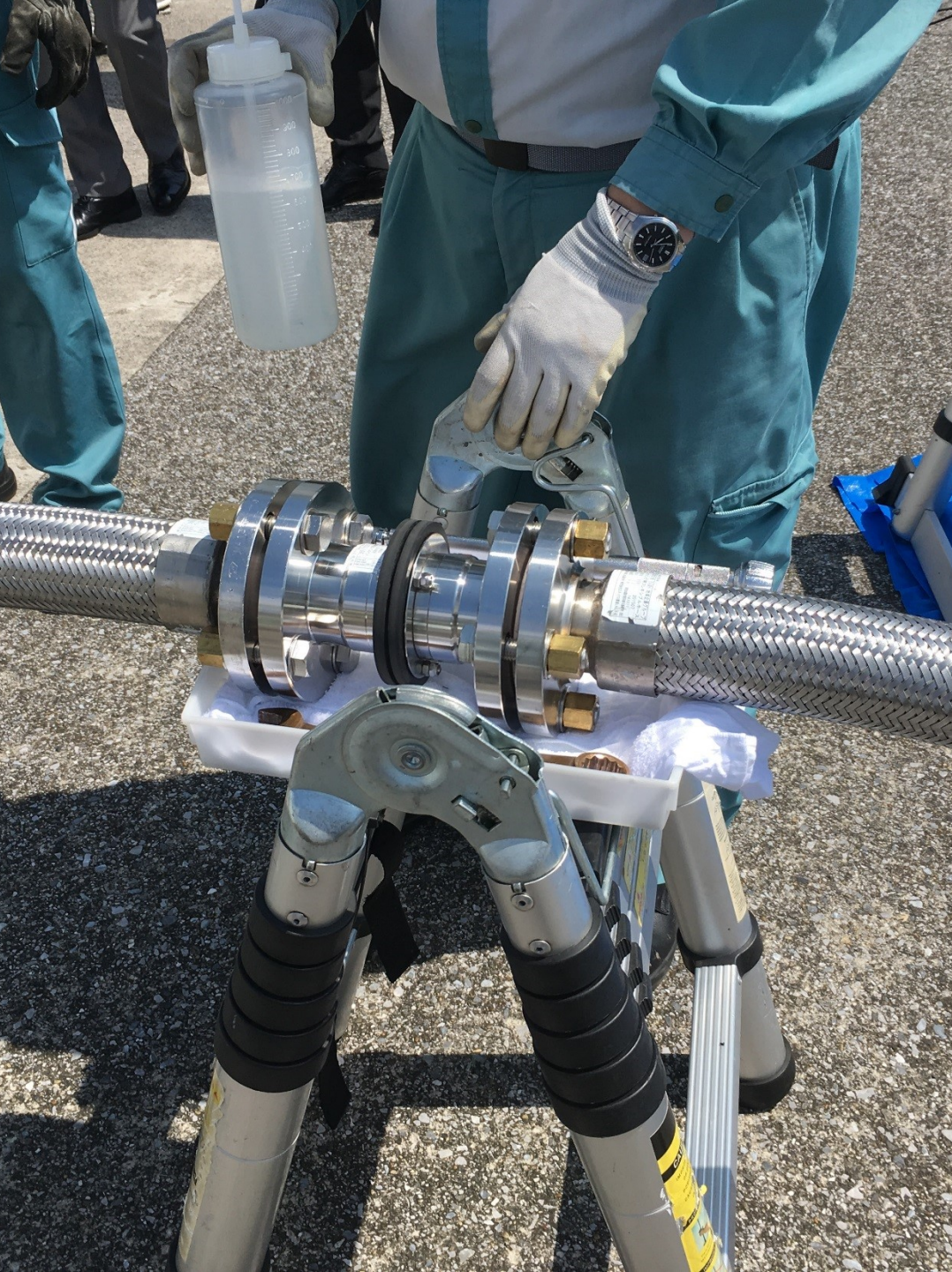
TRUCK TO SHIP LNG BUNKERING SINCE 2015













LNG BUNKERING DEVELOPMENT PLAN

Phase 1
(Done)

Truck to Ship Operation

To improve the efficiency of bunkering operation through accumulated practice.



Phase 3
(TBA)

Expansion of Ship to Ship bunkering

To increase bunkering capacity by installation of additional bunkering vessels as well as other suitable facilities.



MILE STONE OF OUR APPROACH

- LNG Bunkering Steering Committee since June 2016
 - * Run by Tokyo Gas, NYK Line and YKIP, supported by MILT, METI and City of Yokohama. Currently in quiescence.
- Joined the Int'l LNG bunkering port focus group since Oct 2016
 - * Initiative of MPA, with 10ports/organizations across Europe, US and Asia
- Membership of SEA\LNG and SGMF since May 2017

MILE STONE OF OUR APPROACH

- Continuous endeavors to gain support from the national budget.

* An LNG bunkering dedicated incentive program (700 Million Yen for FY2018) has been announced in January.

- Joint study on STS LNG bunkering with Sumitomo and Uyeno since Mar 2018

Endeavors to be continued....

