

TB-NIIGATA

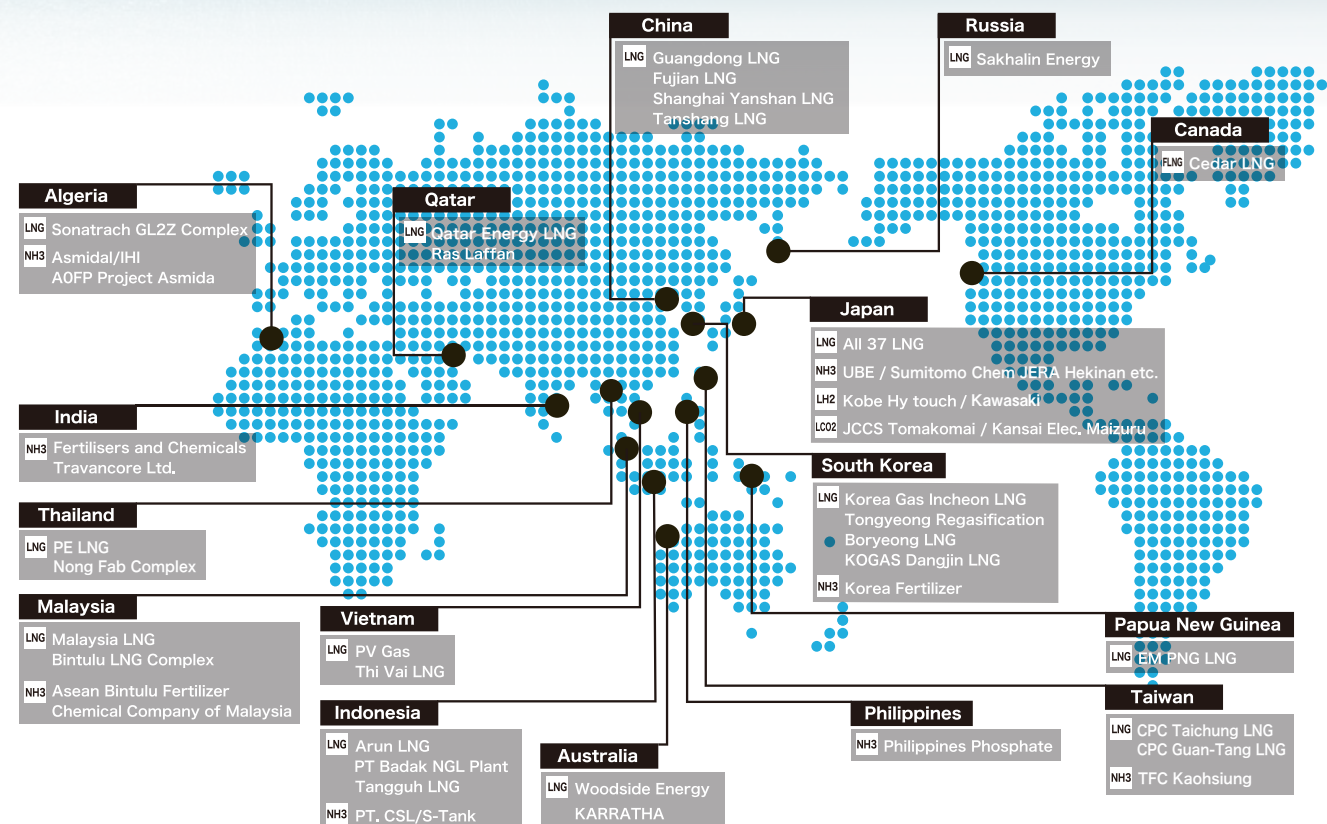
70 YEARS OF EXCELLENCE IN ENERGY TRANSFER

6000+ Loading arms

380+ LNG units 180+ Ammonia units

6 Liquefied hydrogen units (3 under manufacturing)

8 LCO2 units



 **TB Global Technologies Ltd.**

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 **TB Global Technologies Ltd.**

CHOKUSEN

Automatic Connection System

CHOKUSEN is a distinctive and enhanced feature that allows the loading arm to move straight to the ship manifold mating flange and can ensure automatic connection for both onshore and offshore applications.



CHOKUSEN test facility at Nagaoka Factory



CHOKUSEN
Movement

TB-NIIGATA LNG MARINE LOADING ARM

70 Years of Excellence
in Energy Transfer



For More Information

For your easy
and reliable
operations



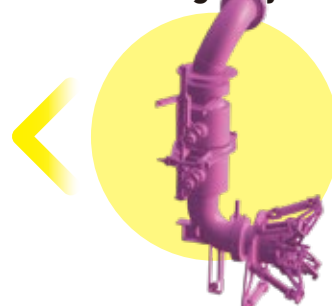
Full Stainless
Steel Hydraulic
QCDC



Light Weight
ERS

AMMONIA LOADING ARM

Emergency Release System Allowing for negligible ammonia concentration level by reducing residual ammonia even in case of emergency disconnection.



Emergency Release
System Demonstration

BUNKERING BOOM FOR LNG AND AMMONIA



The world's first AiP granted
by ClassNK for Ammonia
Bunkering



Ammonia Bunkering
Boom Operation