

Hitachi High-Tech AW Cryo, Inc.

North American LNG Market: Creating New Value Chains

JCCC Joint-Symposium, March 21st, 2016

Presenter: Marc Bolduc, President.

1. Hitachi Group Companies





1. Hitachi Group Financials FY 2015 (Forecast)



	2015 Mid-term Plan Initial target (US GAAP)	FY2013 Result (US GAAP)	FY2014 Result (US GAAP)	FY2015 Forecast (US GAAP) (IFRS)*1	
Revenues*1	10,000.0 billion yen	9,563.7 billion yen	9,761.9 billion yen	9,900.0 billion yen	9.950.0 billion yen
(Operating Income Margin) Operating Income	(Over 7%) Over 700.0 billion yen	(5.6 %) 538.2 billion yen	(6.2 %) 600.4 billion yen	(6.7 %) 660.0 billion yen	(6.8 %) 680.0 billion yen* ²
(EBIT Margin) EBIT*3	(Over 7%) Over 700.0 billion yen	(6.1 %) 585.6 billion yen	(5.6 %) 551.0 billion yen	(6.6 %) 650.0 billion yen	(6.2 %) 620.0 billion yen
Net Income attributable to Hitachi, Ltd. Stockholders	Over 350.0 billion yen	264.9 billion yen	241.3 billion yen	330.0 billion yen	310.0 billion yen
[Breakdown] Continuing operations Discontinued operations'4	-	270.4 billion yen	294.0 billion yen	334.0 billion yen	314.0 billion yen
	-	-5.5 billion yen	-52.7 billion yen	-4.0 billion yen	-4.0 billion yen
Stockholder's Equity Ratio (Manufacturing, Service and others)	Over 30%	27.4 %	27.3 %	29 %	29 %

^{*1} IFRS:International Financial Reporting Standards

*3 EBIT: Earnings Before Interest and Taxes (Net earnings before interest income and payment interest adjustments)

^{*2} This column shows "operating income after adjustments." (an "Adjusted Operating Income" presented as revenues less cost of sales as well as selling, general and administrative expenses)

A part of the thermal power generation systems business is classified as a discontinued operation in accordance with the provision of ASC 205-20, "Presentation of Financial Statements - Discontinued Operations," which was not transferred to Mitsubishi Hitachi Power Systems Co., Ltd for the business integration in the thermal power generation systems with Mitsubishi Heavy Industries, Co., Ltd. The results of the discontinued operation are reported separately from continuing operations. In line with this classification, the results of the business for the year ended March 31, 2014 are reclassified as the discontinued.

2. HTAW North American HQ in Vancouver, B.C.



May 2014: Joint Venture: Hitachi High-Tech AW Cryo, Inc.

Hitachi High-Tech





Hitachi High-Tech AW Cryo, Inc.







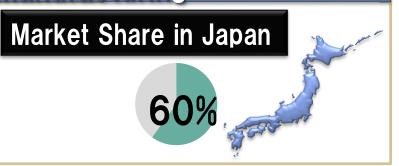


3. Japan Experience

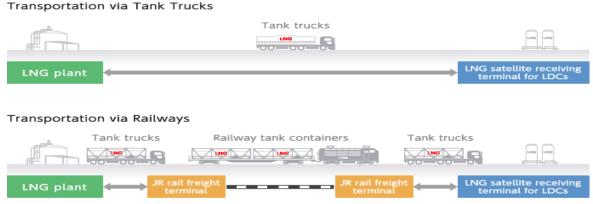


Over 30 years of experience in manufacturing:

- > LNG Intermodal (ISO) Container
- > LNG Semi-Trailer
- > LNG Stationary Tank



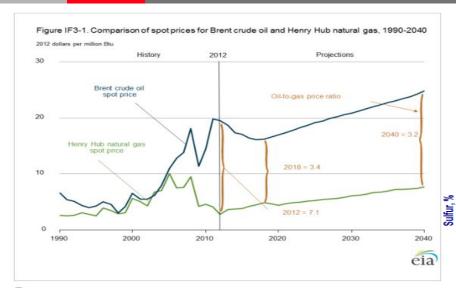


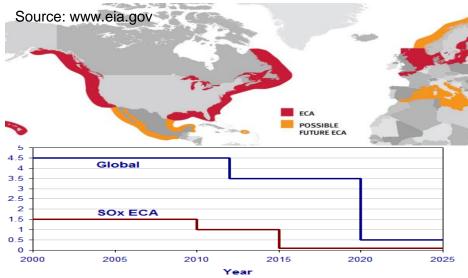


Source: Japex

4. Natural Gas Market







- 1) Natural Gas and Oil Price Gap Maintains
- 2) Low Natural Gas Price Volatility

3) Greenhouse Gas Emissions Regulations for Marine Industry and On-Shore Regions

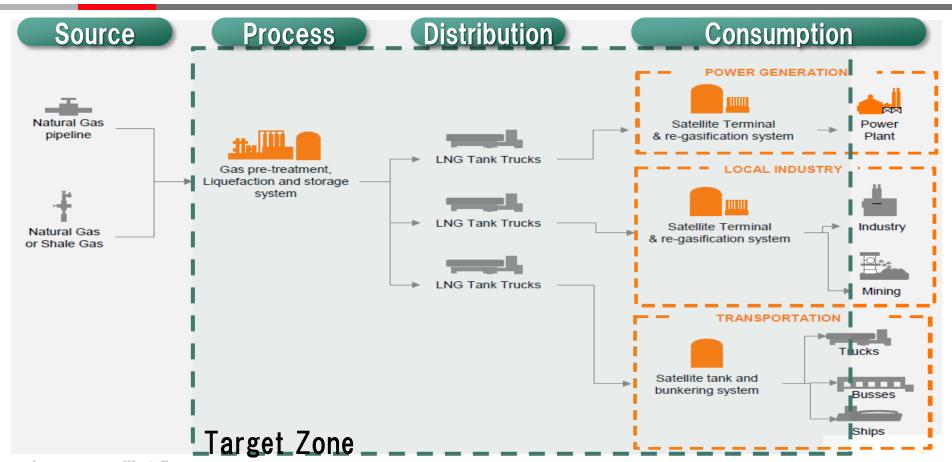






5. The Value Chain





6. LNG Tank Container Technology



Hitachi High-Tech AW Cryo, Inc. LNG tank container features

1. Superior Performance

Vacuum/Insulation engineering performs better in high vibration and ocean shipping environments

2. Less maintenance

Tanks remain longer in operation between routine inspections

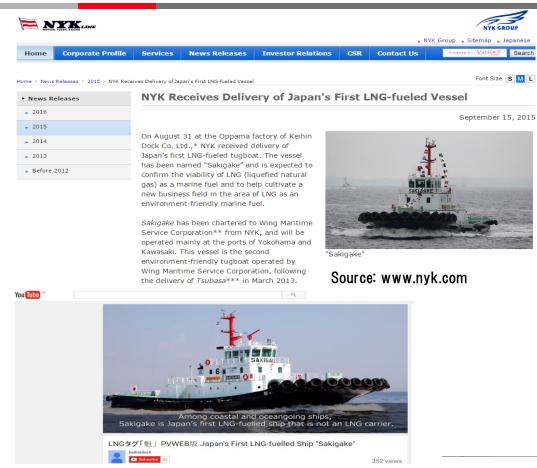
3. Safer

Less pressure rise in inner tank even if vacuum breach occurs in case of accident.



7. New LNG Applications in Japan







Japan's Ministry of Land, Infrastructure, Transport and Tourism. Tokyo Gas Co. Ltd. (head office: Tokyo) will supply the LNG, and

with the support of Tokyo Gas, NYK will make arrangements for a safe LNG supply system. The NYK Group will aggressively continue to

encourage initiatives to mitigate environmental

HITACHI Inspire the Next

Thank you! 有り難うございました。





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