



CHINA STEEL

China Steel Corporation

March 23, 2017



sustainability, our STEEL commitment.
<http://www.csc.com.tw/csc/hr/csr/index.htm>

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Company overview: Business snapshot (CSC standalone)

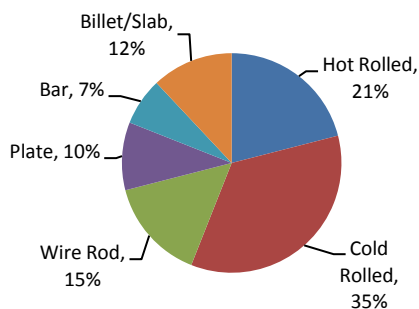
Overview

- Leading Taiwanese steel manufacturer with integrated production capabilities
- Headquartered in Kaohsiung with major production sites located in Kaohsiung
- Annual capacity of 9.9 mmt as of Dec 31, 2016

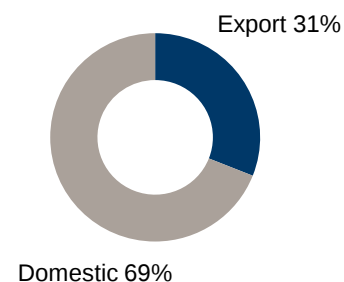
Major business

- Leading manufacturer of flat steel products in Taiwan
- Continuously upgrading towards higher value-added products
- Dominant position in the domestic market
- Continue to capture rapid growth in South East Asia and China markets

Steel Sales revenue
breakdown by products
(2016)



Domestic/Export by revenue
(2016)



Company overview: Business snapshot (CSC Group)

Major business

Steel Core Businesses

- China Steel Corporation
- Chung Hung Steel Corporation
- Dragon Steel Corporation
- CSC Steel Sdn. Bhd.
- China Steel Sumikin Vietnam (CSVC)
- China Steel Corporation India Pvt. Ltd (CSCI)

Other Group Businesses

Engineering Businesses

- China Steel Machinery Corporation
- China Steel Structure Co., Ltd.
- China Ecotek Corporation
- Info-Champ Systems Corporation
- CSC Solar Corporation

Industrial Materials Businesses

- C. S. Aluminum Corporation
- China Steel Chemical Corporation
- CHC Resources Corporation
- Himag Magnetic Corporation
- China Steel Precision Materials
- China Steel Resources Corporation
- CSC Precision Metal Industrial Corporation
- CSC Bio-coal Corporation
- White Bio-tech Corporation

Logistic Businesses

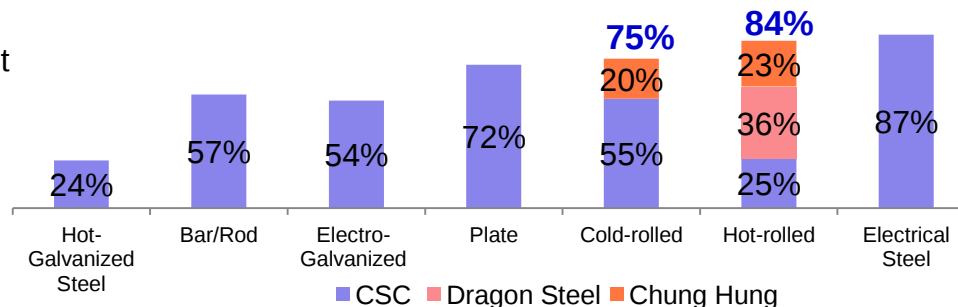
- China Steel Express Corporation
- China Steel Global Trading Corporation
- China Steel Precision Metals Qingdao Co., Ltd.
- United Steel Engineering and Construction Co., Ltd (Kunshan coil center)

Service and Investments Businesses

- Gains Investment Corporation
- China Steel Security Corporation
- China Prosperity Development Corporation
- China Steel Management Consulting Corporation

CSC Group domestic market share (2016)

- Our group crude steel capacity reached 16.1 mmt in 2017(combining China Steel Corporation and Dragon Steel's EAF and No.1&2 blast furnace).



Capacity & market share

Company overview: Group capacity & Production lines

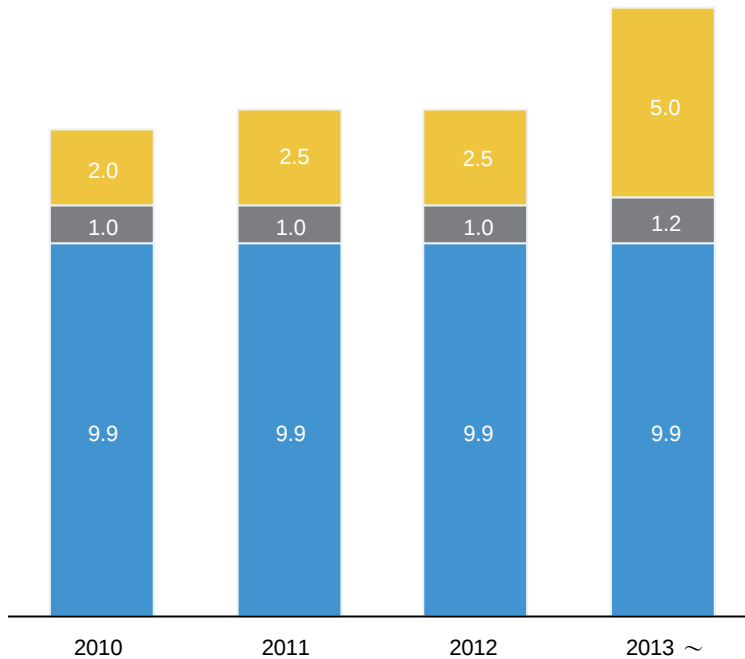


CHINA STEEL

Group capacity

Crude steel capacity (mmt)

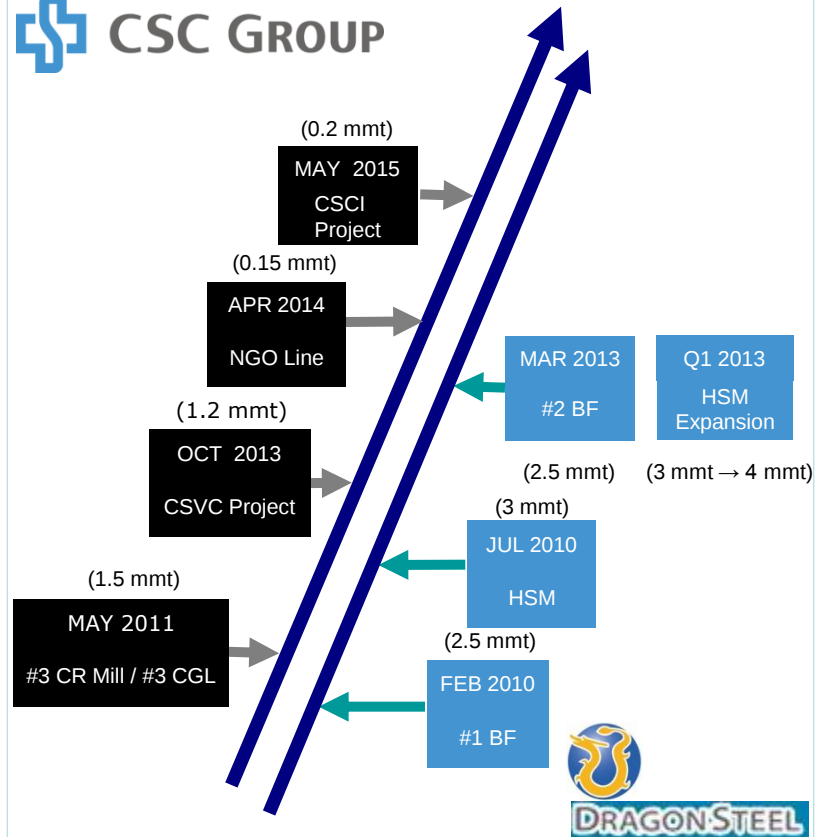
■ Dragon Blast Furnace ■ Dragon Electric Arc Furnace ■ China Steel



Commencement of new capacity/production lines: CSC group



CSC GROUP



Performance- Consolidated operating results

Amount: NT\$ million

Item	*2016	*February 2017	*Accumulated of 2017
Consolidated Operating Revenue	293,043	25,869	51,027
Consolidated Operating Income	25,432	2,149	4,268
Consolidated Income Before Income Tax	21,899	1,706	3,341

*preliminary result

Performance-Sales Revenue Breakdown

Unit : NTD Thousands

	Item	*2016	*February 2017	*Accumulated of 2017
1	Steel products	234,611,501	21,494,489	41,758,007
2	Non-steel industry materials	28,975,673	2,292,587	4,855,676
3	Construction	19,760,229	1,353,387	2,973,846
4	Transportation and service	7,253,209	503,817	1,014,943
5	Others	2,442,348	224,578	424,029
Less	Sales returns and allowances	0	0	0
	Total	293,042,960	25,868,858	51,026,501

*preliminary result

Performance-CSC group

Segment revenues and operating results

Unit : NTD Thousands

2016. 1~3Q	Steel	Others	Adjustment & Elimination	Total
Revenues from external customers	\$ 164,885,474	\$ 45,999,007	\$ -	\$ 210,884,481
Inter-segment revenues	42,187,124	29,207,916	(71,395,040)	-
Segment revenues	\$ 207,072,598	\$ 75,206,923	(\$ 71,395,040)	\$ 210,884,481
Segment profit	\$ 12,713,452	\$ 5,703,009	\$ 5,732	\$ 18,422,193
Interest income	152,242	125,392	(47,117)	230,517
Financial costs	(2,544,035)	(359,716)	27,505	(2,876,246)
Share of the profit of associates	5,217,248	826,529	(6,254,978)	(211,201)
Other non-operating income and expenses	1,353,600	265,502	(510,498)	1,108,604
Profit before income tax	16,892,507	6,560,716	(6,779,356)	16,673,867
Income tax	(1,214,998)	(736,709)	(11,293)	(1,963,000)
Net profit for the period	\$ 15,677,509	\$ 5,824,007	(\$ 6,790,649)	\$ 14,710,867

Performance- consolidated basis

Consolidated Income Statement

IFRSs

Units: NT\$ millions

	2015.3Q	2016.3Q	2015.1~3Q	2016.1~3Q
Revenues	67,694	73,593	222,060	210,884
Gross profit	4,205	12,846	21,327	28,731
Gross margins	6.21%	17.46%	9.60%	13.62%
Profit before tax	1,295	8,825	11,902	16,674
<u>Net profit</u>	<u>1,141</u>	<u>7,630</u>	<u>9,252</u>	<u>14,711</u>
Attributable to				
Owners of the corporation	744	6,676	9,120	12,438
Non-controlling interests	397	954	132	2,273
Earnings Per Share(NTD)	\$ 0.05	\$ 0.43	\$ 0.59	\$ 0.80

Performance: financial review (Consolidated Basis)

Units: NT\$ millions

	12/31/2011	12/31/2012	12/31/2013※	12/31/2014※	12/31/2015※	9/30/2016※
Debt	299,578	312,393	362,630	348,049	357,414	345,495
Debt/Equity	95.99%	102.26%	113.55%	103.99%	111.44%	106.33%
Asset	611,686	617,892	681,999	682,737	678,139	670,413
Debt / Asset	48.98%	50.56%	53.17%	50.98%	52.71%	51.53%
Net Debt *	273,421	283,402	338,593	322,284	329,674	324,511
Net Debt /Asset	44.70%	45.87%	49.65%	47.20%	48.61%	48.40%

Since 2009, CSC group have issued corporate bonds and signed syndicated bank loans for DSC's expansion project and overseas investments.

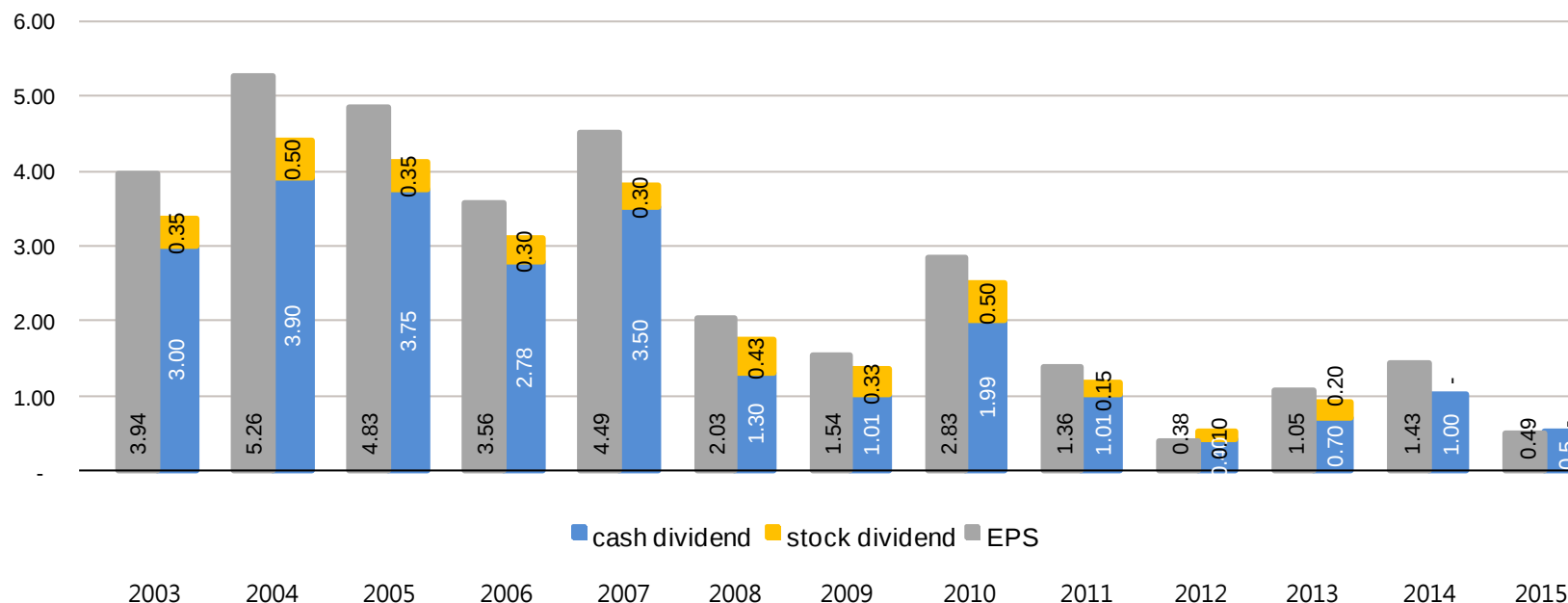
* Net debt = debt – cash & cash equivalents – (*financial assets at fair value through profit or loss-current+ available-for-sale financial assets-current +held-to-maturity financial assets-current+ derivative financial assets for hedging-current*)

※IFRSs basis

Performance- Historical EPS and dividends paid

(in NTD per share)

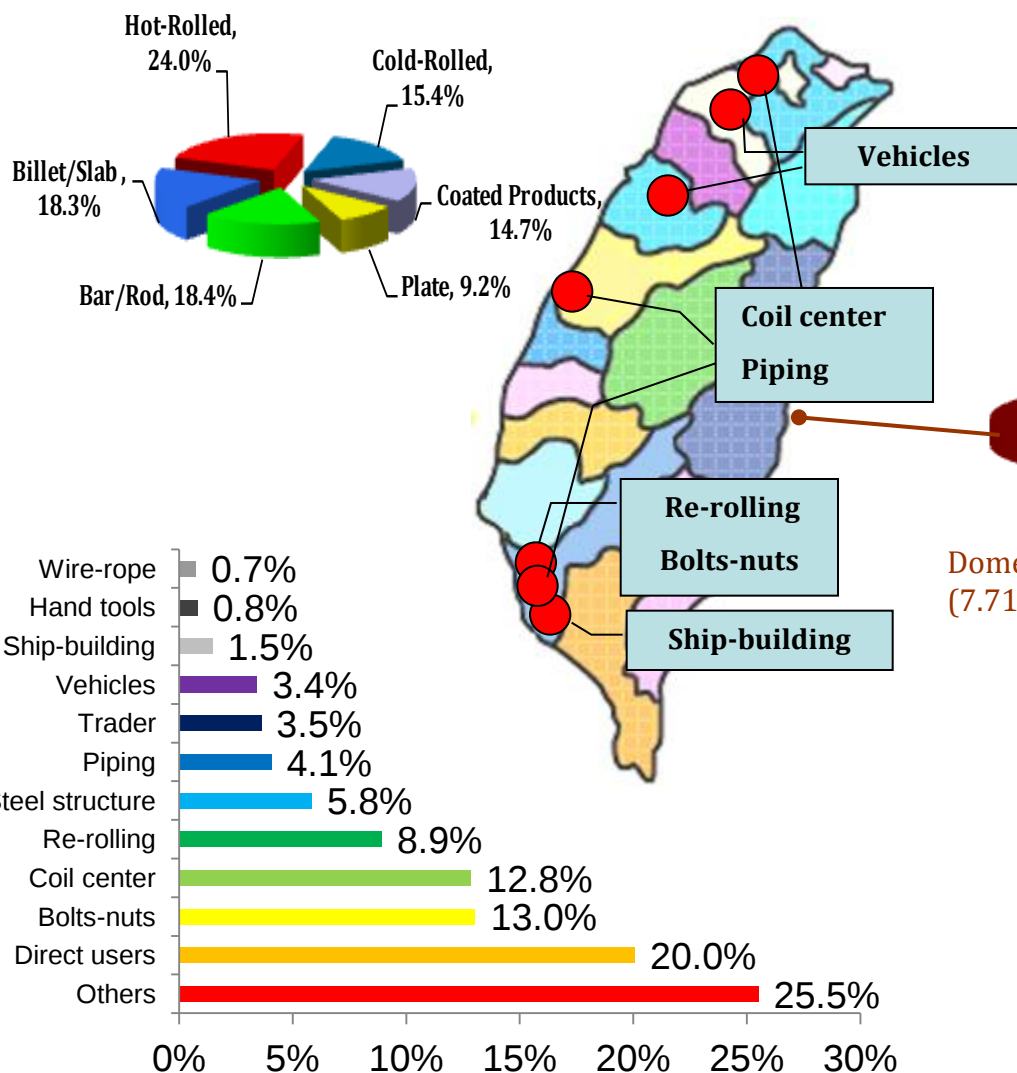
Dividend payout(%)	85	84	85	87	85	85	87	88	85	132	86	70	102
Cash Dividend payout(%)	76	74	78	78	78	64	66	70	74	105	67	70	102



Sales (CSC standalone)

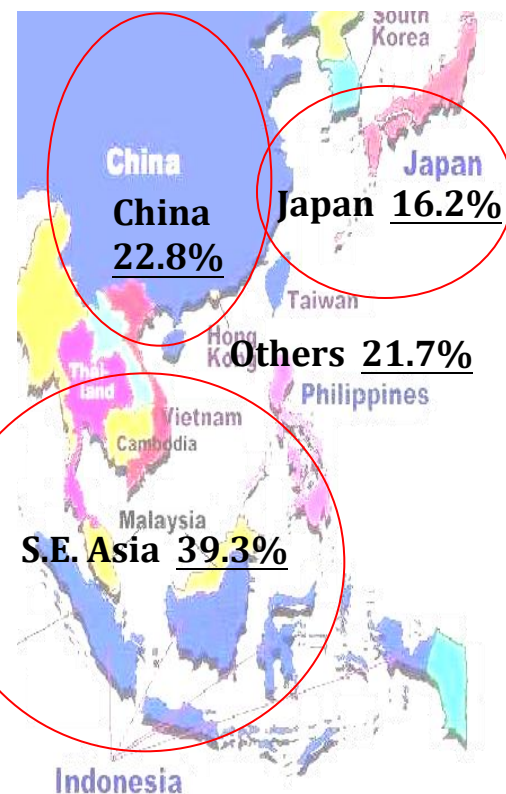
2016 CSC sales volume totaled 11.14 million metric tons

Domestic/Export sales volume breakdown of 2016



Export 30.76%
(3.43million metric tons)

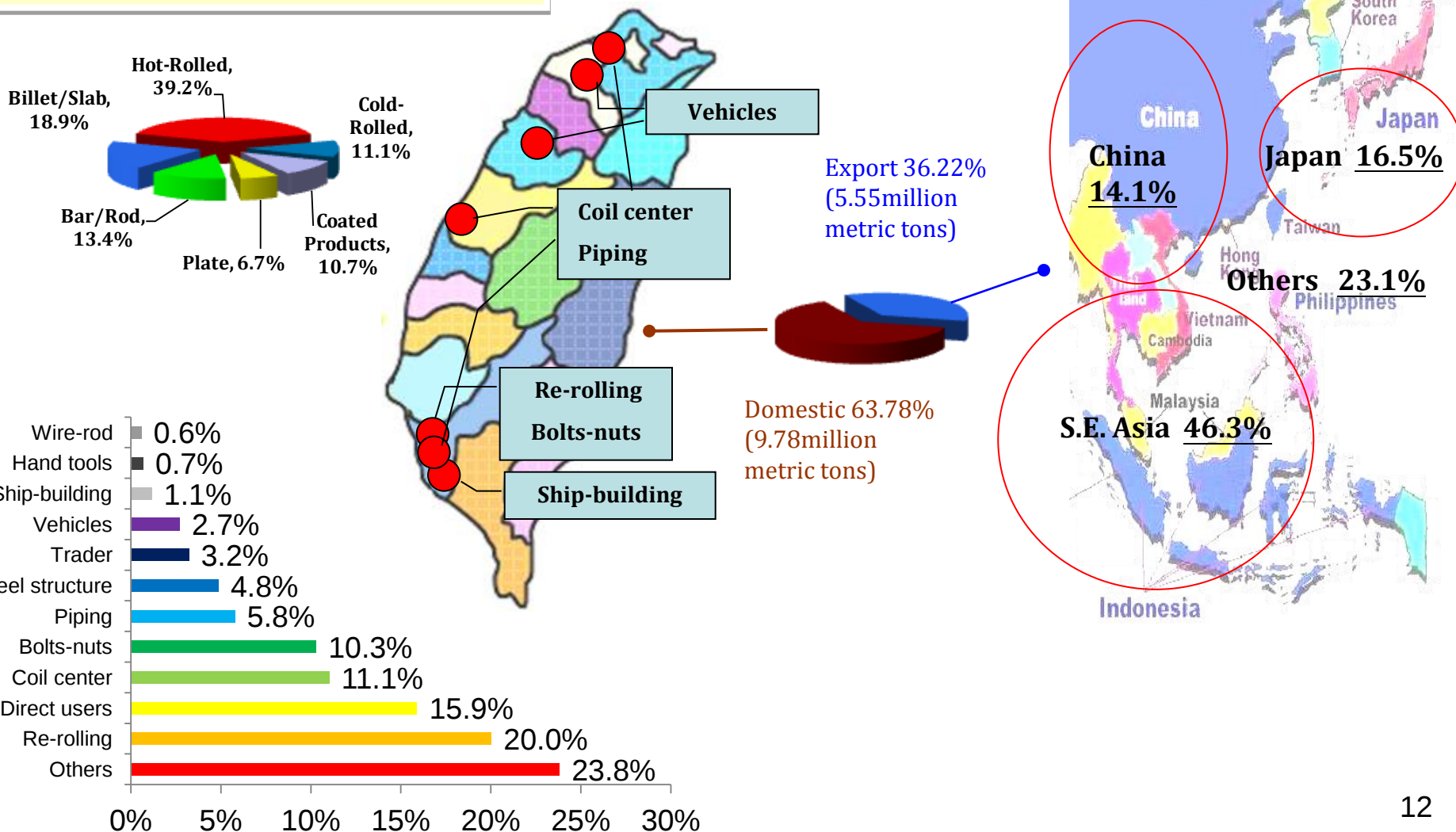
Domestic 69.24%
(7.71 million metric tons)



Sales (CSC & BF products of DSC)

2016 sales volume (CSC & BF products of DSC) totaled 15.33 million metric tons

Domestic/Export sales volume breakdown of 2016



Key Strategies

1

Secure stable sources of raw materials and semi-products through strategic investments and long term contracts

2

Solidify domestic market, expand export sales channels, and develop new market with customers

3

Integrate group resources and develop green energy businesses

4

Research and develop advanced products and applied technology for increasing chain value of steel industry

5

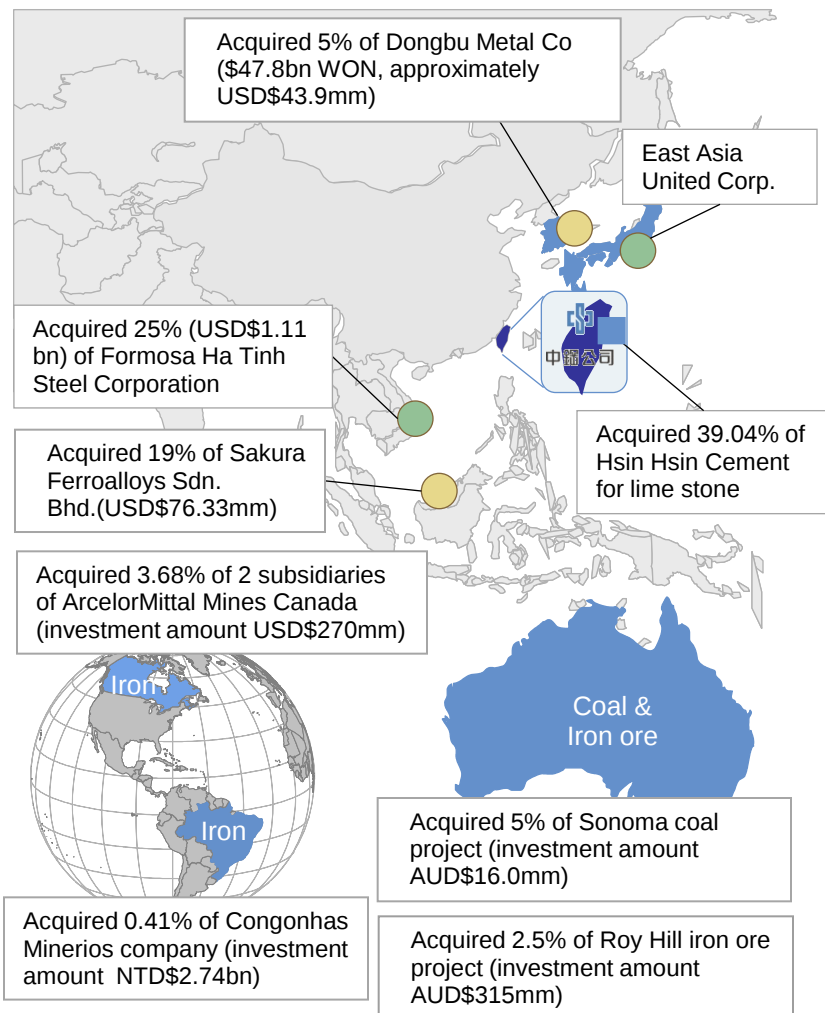
Elaborate on energy saving and reduce cost continuously

6

Value Corporate Social Responsibility and achieve sustainable operation

Secure stable sources of raw materials and semi-products through strategic investments and long term contracts

Major raw materials Semi-products Ferroalloy



Major raw materials

- Iron ore and coking coals are secured by long-term contract (volume)
- Partner with parties in Japan, South Korea, Mainland China, Australia and Brazil
- Secure lime stone - acquired 39.04%(group shareholding) in Hsin Hsin Cement

Semi-products

- Secure supplies from strategic partnerships and JV's
- East Asia United Steel Corp.
 - NSSMC's Wakayama plant as a reliable supply source for slab
- Formosa Ha-Tinh Steel Corporation
 - As a mutual supply of hot-rolled and slab products.

Ferro-alloy

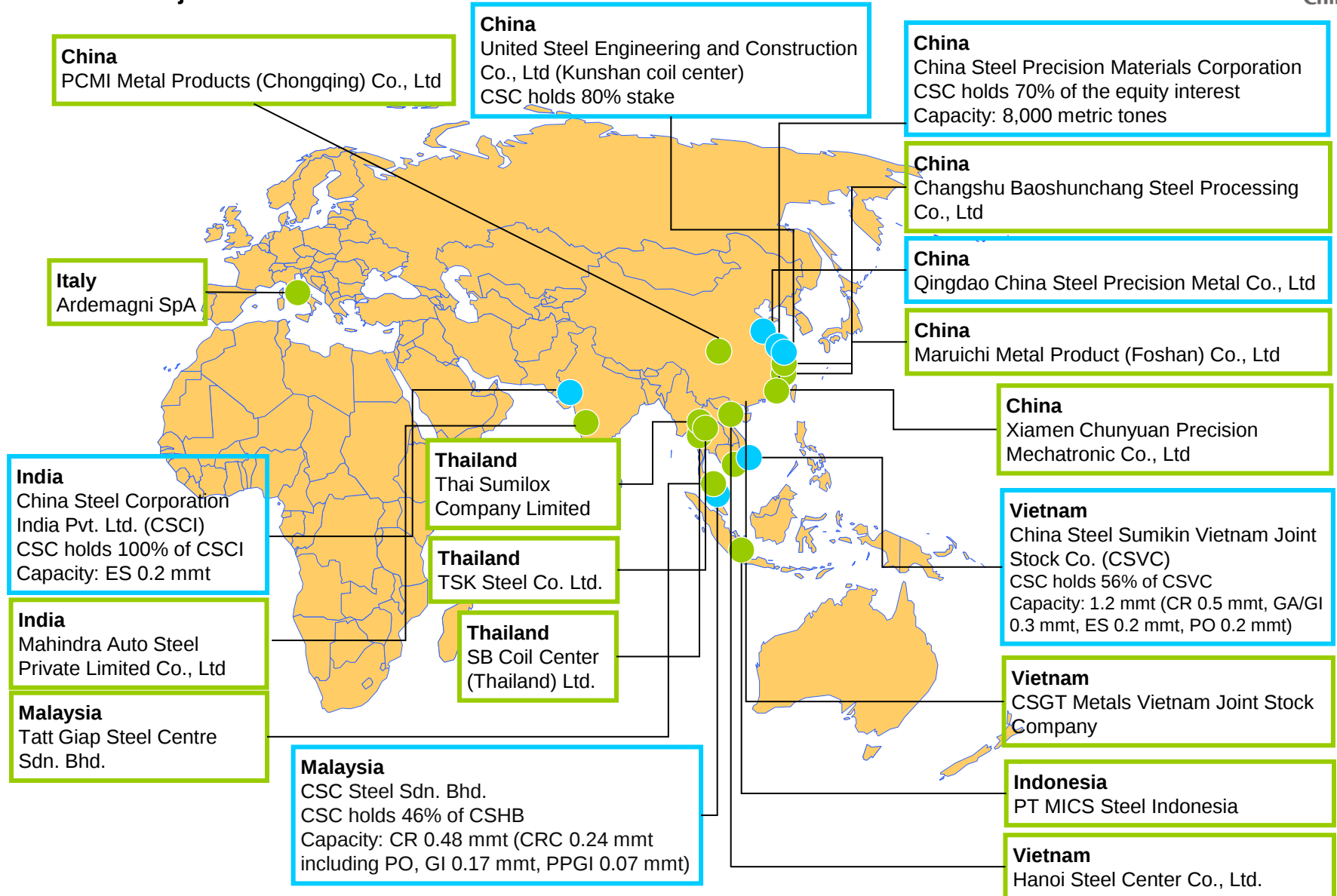
- Long-term contract to reduce market risks
- Purchased 5% stake in Dongbu Metal, Korea's largest ferro-alloys producer
- Purchased 19% stake in Sakura Ferroalloys Sdn. Bhd.
 - Ensures a long-term stable supply of ferro-alloy, and lowers the acquisition cost.

Solidify domestic market, expand export sales channels, and develop new market with customers



CHINA STEEL

New Asia Project



Research and develop advanced products and applied technology for increasing chain value of steel industry



CHINA STEEL

Co-Development
with Academic
Partners

Engineering Research Center (ERC)

CSC has established 8 ERCs.

For example:

- Advanced Specially Alloy ERC, cooperating with National Tsing Hua University
- Forging Roll Forming ERC, cooperating with National Kaohsiung University Of Applied Sciences

Differentiated
Technical
Services to
Customers

Joint Research Laboratory (JRL)

CSC has established 5 JRLs. Through JRLs, CSC provide customized products and services to customers, and further increase business opportunities.

For example:

- The Auto Steel JRL, cooperating with Changchun Engley and Honley Auto Parts, focus on develop hot-stamping auto and motorcycle parts.

International
Marketing through
E-Commerce
Platform

Alliance for Steel Industries

CSC has formed 1 Alliance for Steel Industries.

- Through the e-commerce platform of Ta Chen International, Taiwan Elite Handtool Organization was formed to improve the international marketing and service capabilities of Taiwanese handtool producers.

Elaborate on energy saving and reduce cost continuously

Cost Reduction Performance

2016
4.05
billion
NTD

- 1.06 bn: Expense saving from nationalization of equipment and spare parts
- 1.03 bn: Improvement of manufacturing process and promoting effectiveness and efficiency
- 0.64 bn: Provide saturated steam and industrial gas to nearby plants
- 0.62 bn: Reduction of raw material procurement cost through negotiation
- 0.43 bn: Use of low cost raw material and reduction of utility use

2015
4.84
billion
NTD

- 1.53 bn: Expense saving from nationalization of equipment and spare parts
- 0.79 bn: Reduction of raw material procurement cost through negotiation and spot transaction
- 0.78 bn: Provide saturated steam and industrial gas to nearby plants
- 0.84 bn: Use of low cost raw material and reduction of fuel cost for blast furnace
- 0.26 bn: Establishment of On-line Monitoring System and automatic quality inspection system/Improvement of manufacturing process

Value Corporate Social Responsibility and achieve sustainable operation



中鋁公司

Awards and Honours

1

- 2017.01 CSC was ranked as RobecoSAM Silver Class Sustainability leaders 2017 in the steel industry.

2

- 2016.12 CSC received “Ten Most Prestigious Sustainability Award”, “Taiwan Top 50 Corporate Sustainability Report Award”, “Growth through Innovation Award”, “Transparency and Integrity Award”, “Climate Leadership Award”, “Supply Chain Leadership Award”, “Talent Development Award”, and “Sustainable Water Management Award” by TAISE.

CSR Key Tasks

Elaborate on energy saving / Committed to foster social harmony / Popularize environmental education / Develop green energy

Links

- CSC Corporate Social Responsibility Page :
<http://www.csc.com.tw/csc/hr/csr/index.htm>
- Report Download (2005 ~ 2015) :
<http://www.csc.com.tw/csc/hr/csr/wb/dow.htm>



**Sustainability,
our STEEL commitment.**