



The Future of the Chinese Steel Industry



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The Future of the Chinese Steel Industry



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- Senior engineer with extensive experience in fisheries, water conservancy, hydropower engineering
- Member of Standing Committee of CPC, WISCO
- Director of Migrant Relocation & Planning, Three Gorges Office of State Council (2006)
- Director of Institute of Hydroecology, Chinese Academy of Sciences and Ministry of Water Resources



Daniel Zhu ^{PhD}

President & CEO, WISCO Canada

- Director, Executive Vice President of Bloom Lake General Partner Limited
- Director of Wugang Australia Resources Investment Co. Ltd
- Standing Director of China Engineering Blasting Association
- President of Institute of Lithomechanics & Engineering of WISCO
- Professor of Wuhan University of Science and Technology.
- Managed more than 150 projects (Mines, Pellet Plants, etc.)

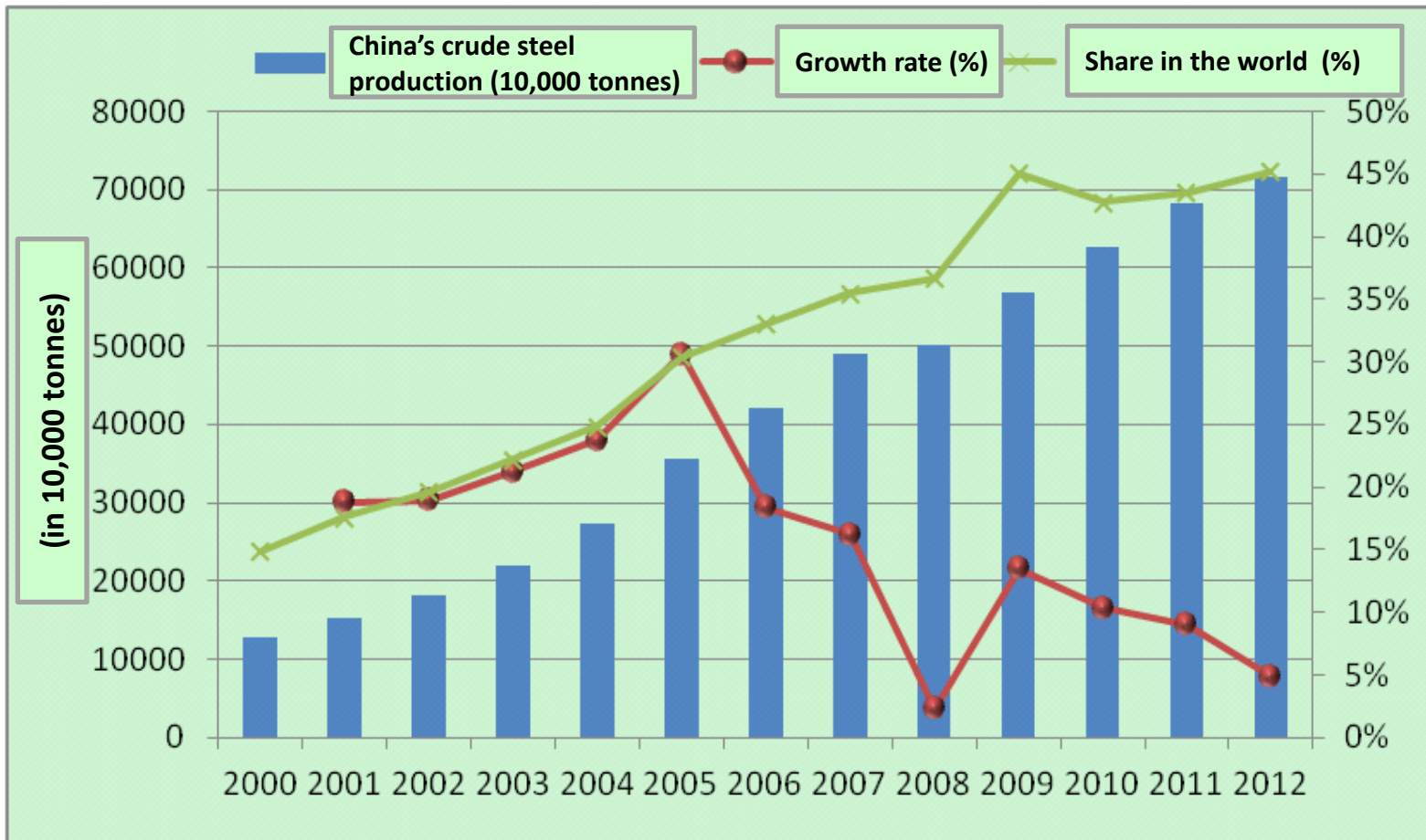


Represented today by Daniel Zhu

Current Status of the Chinese Steel Industry and Its Prospect



1. Development history of the Chinese steel industry



Current Status of the Chinese Steel Industry and Its Prospect



2. Market distribution of major steel companies in China

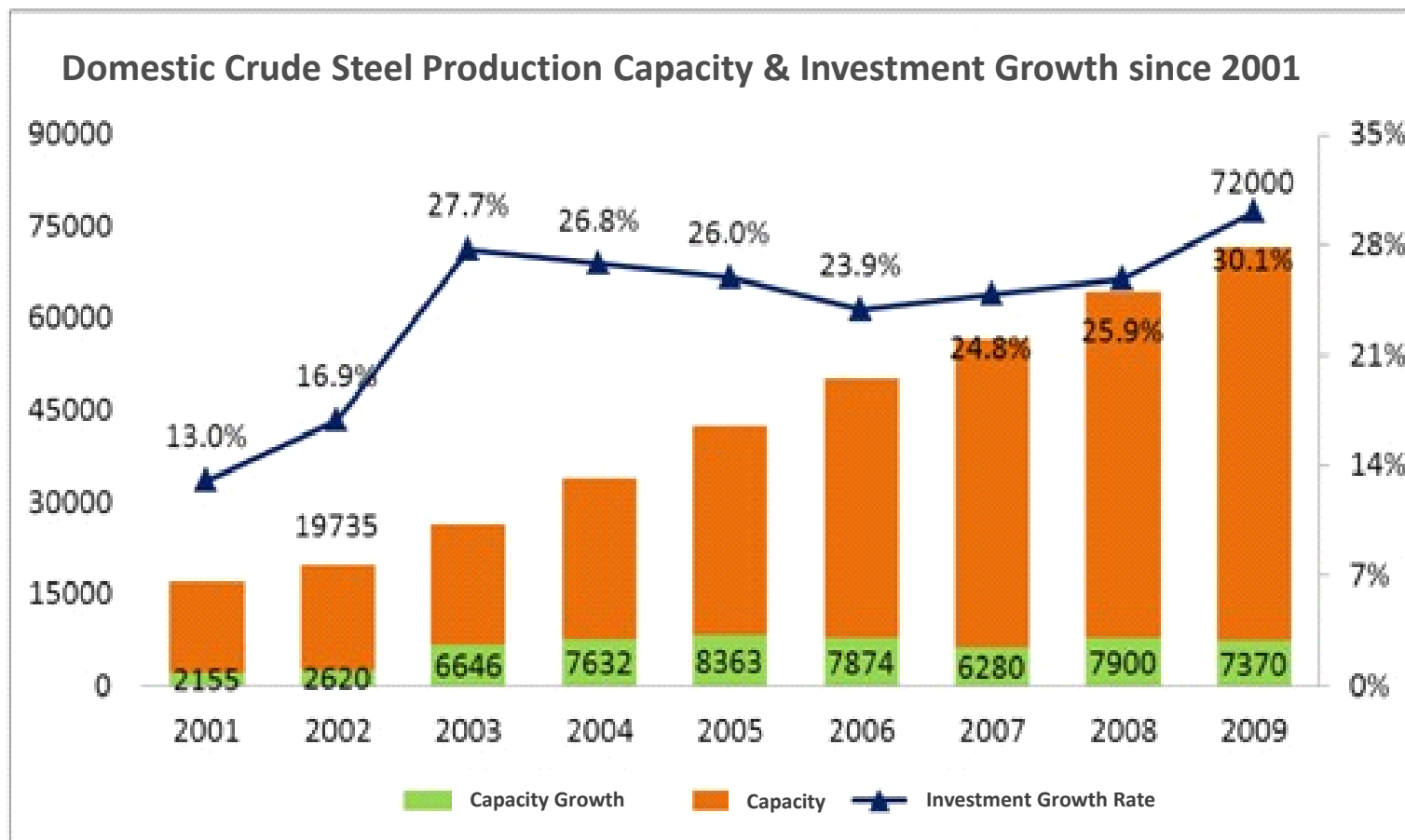


Current Status of the Chinese Steel Industry and Its Prospect



3. Development trend of the Chinese steel industry

- Domestic steel demand



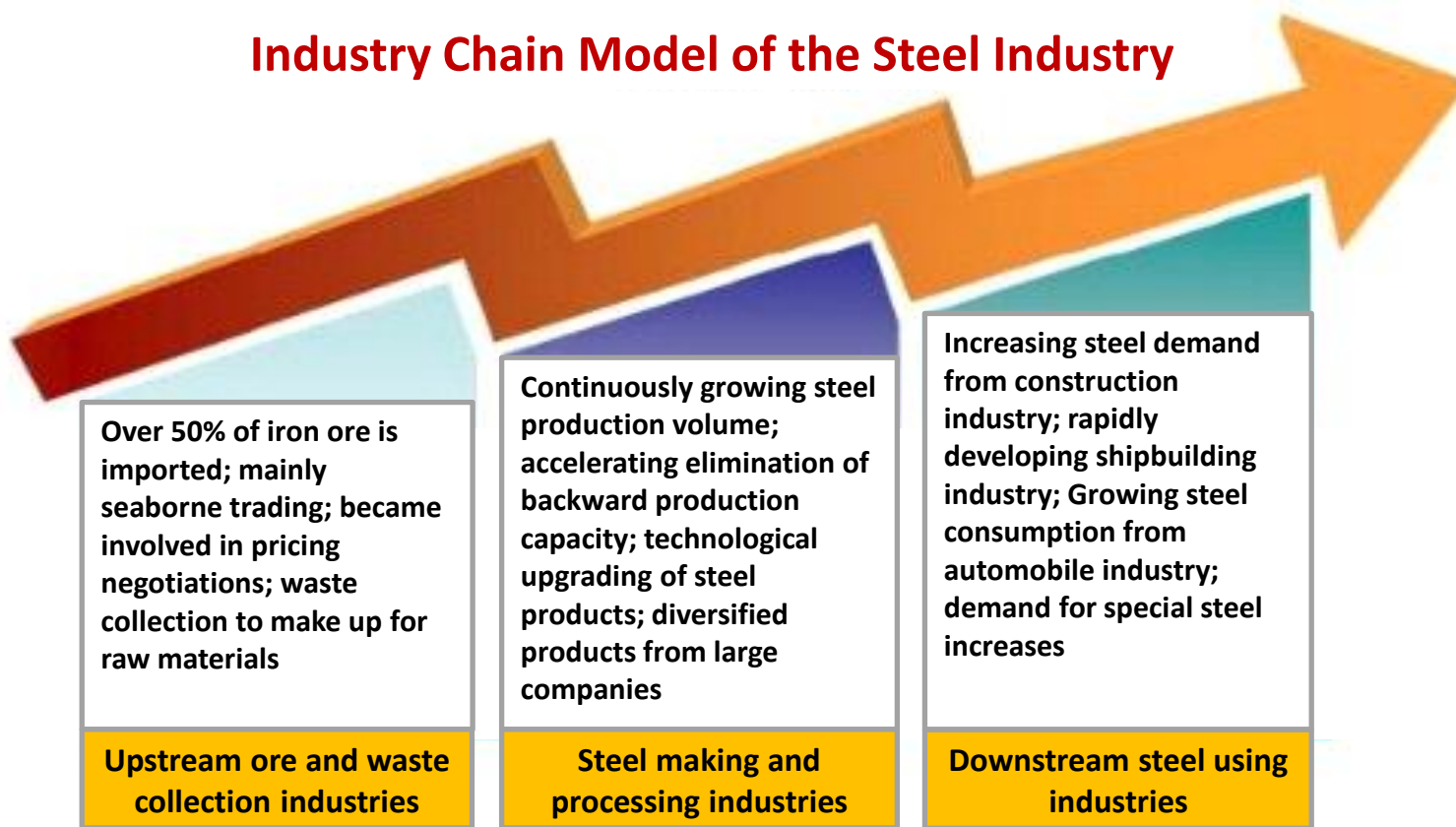


Current Status of the Chinese Steel Industry and Its Prospect

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Industry Chain Model of the Steel Industry

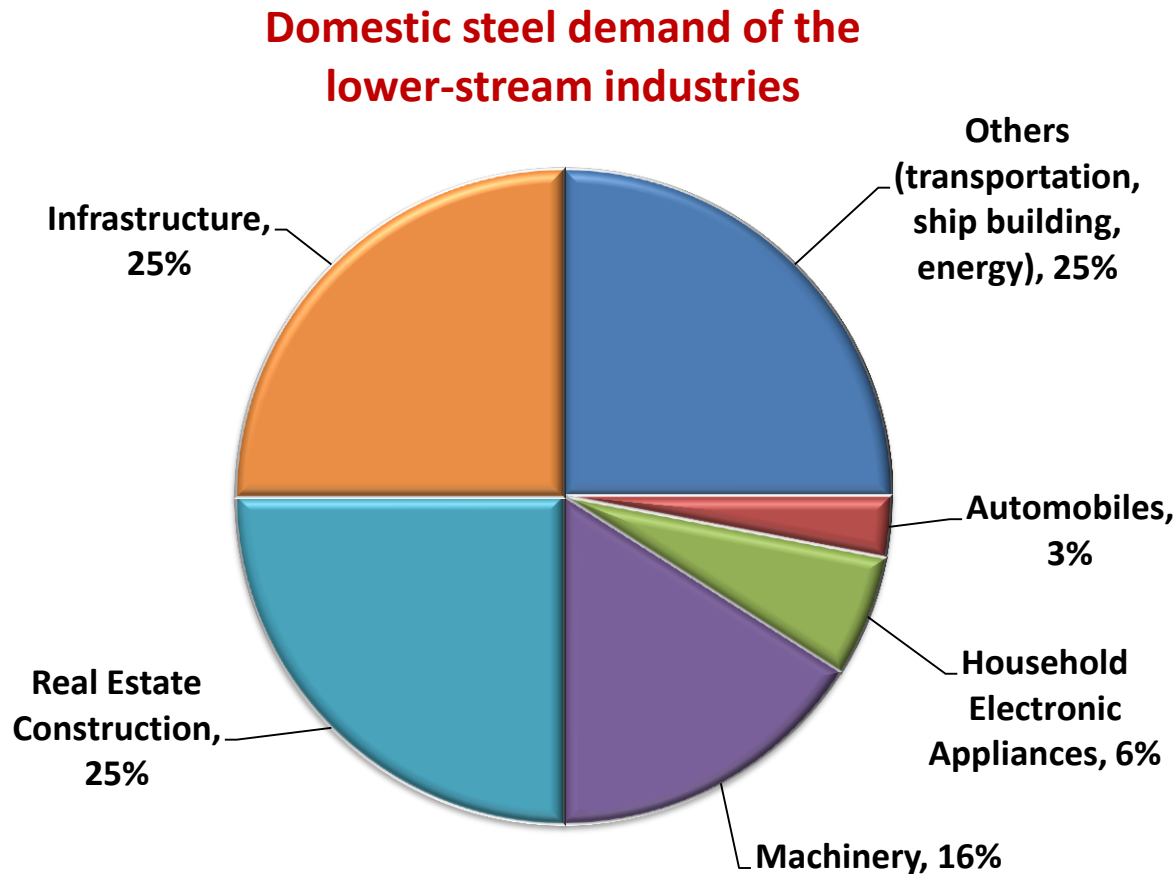


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A forecast of the domestic industrialization and urbanization

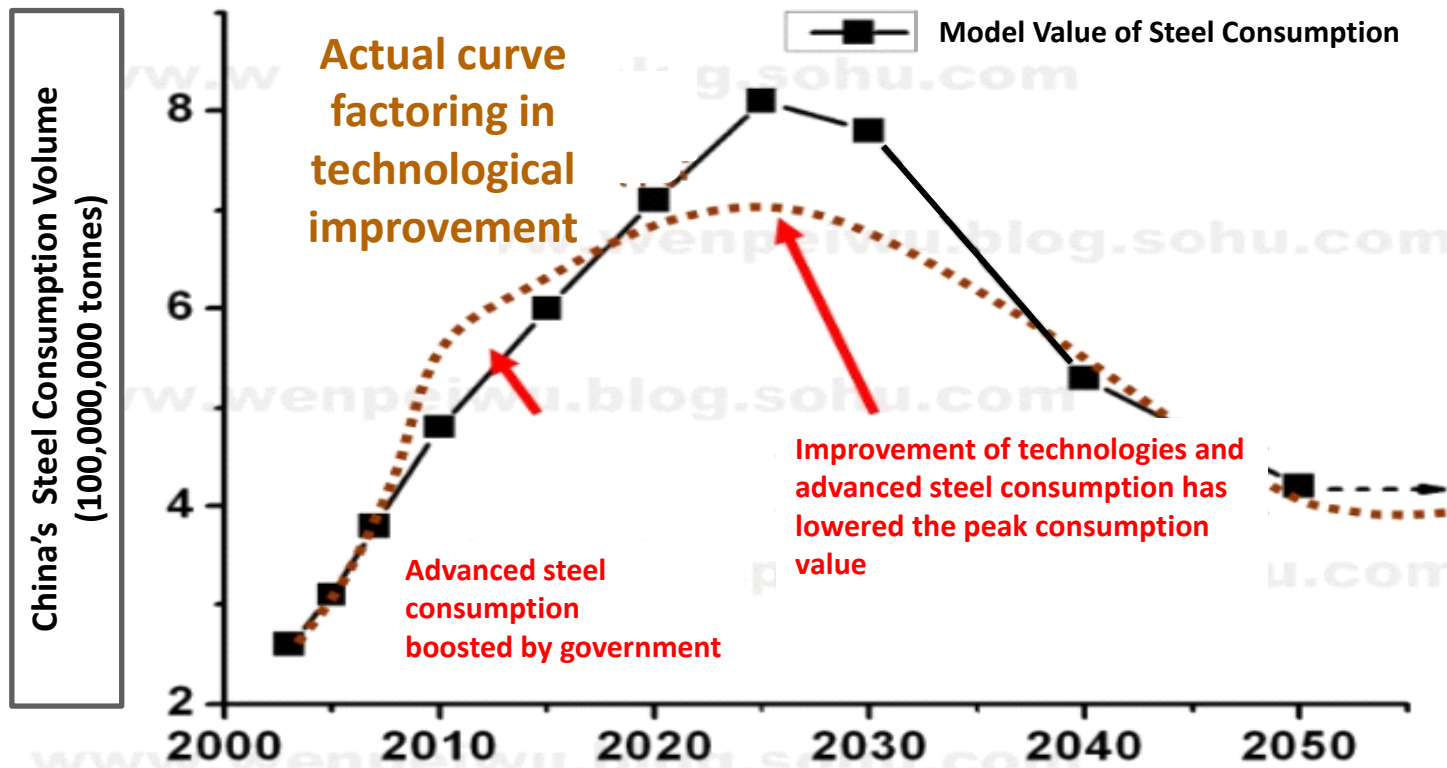
	2007	2010	2018	2025
GDP per-capita (USD in 2005)	4780	6021	10058	14423
Industry Structure (First/Second/ Third)	11.3/48.6/40.1	10.1/49.2/40.7	8.0/47.6/44.4	6.6/46.2/47.2
Urbanization Rate (%)	44.9	49.4	58.4	64.4

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Model Value of China's Steel Consumption during 2003 - 2050

Current Status of the Chinese Steel Industry and Its Prospect



3. Development trend of the Chinese steel industry

- Steel production and development of steel companies

Crude Steel Production Forecast (in million tonnes)

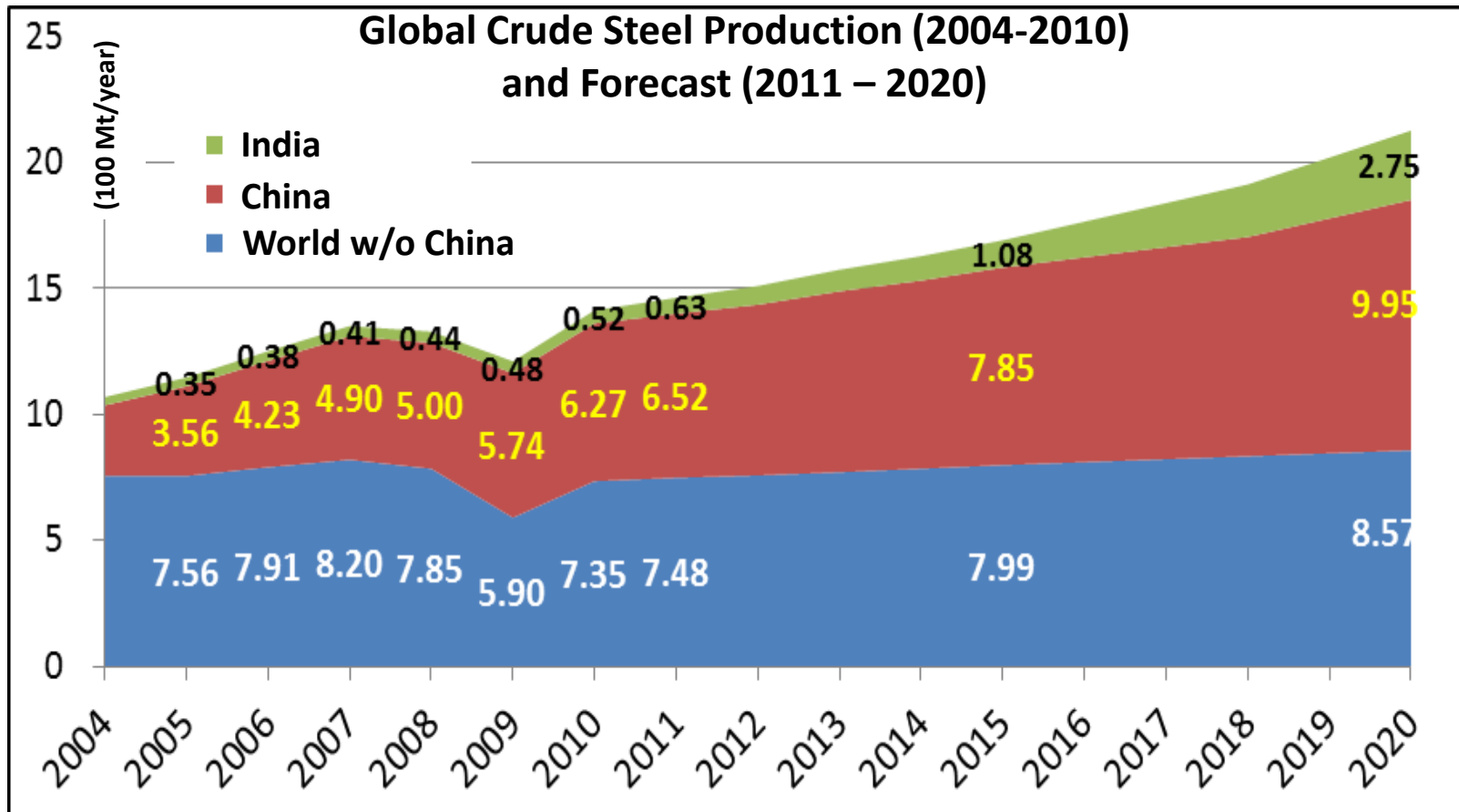
	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	% in the World	
												2010	2015
China	356	423	490	500	574	627	652	678	718	747	785	44%	46%
India	35	38	41	44	48	52	63	74	86	97	108	4%	6%
Other Asian Countries	207	216	231	227	167	203	204	206	210	215	222	14%	13%
Europe	212	227	240	230	168	206	207	208	209	210	211	15%	12%
CIS	122	128	124	114	97	127	130	133	136	140	143	9%	8%
North America	128	132	133	124	83	112	113	114	115	116	118	8%	7%
South America	45	45	48	47	38	44	45	46	46	47	48	3%	3%
Africa	18	19	19	17	15	17	18	19	19	20	21	1%	1%
Middle East	15	15	16	17	17	19	24	24	25	26	26	1%	2%
Oceania	9	9	9	8	6	8	9	9	9	10	10	1%	1%
World	1,147	1,251	1,351	1,329	1,211	1,414	1,463	1,511	1,575	1,629	1,692	100%	100%

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Forecast of China's Crude Steel Production Volume & Concentration

Crude Steel Production Volume	2009	2015 (E)	2020 (E)
China's domestic total	5.68	6.8	7.1-7.6
Top-10 steel companies	2.47(43.5%)	4.08(60%)	4.97-5.32(70%)
Bottom 6 of the top-10 companies	1.08 (Averagely 18 Mt)	1.5 (Averagely 25 Mt)	1.8 (Averagely 30 Mt)
Top 4 of the top-10 companies	1.39 (Averagely 34.75 Mt)	2.58 (Averagely 64.50 Mt)	3.17-3.52 (Averagely 79.25-88Mt)

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4. Iron ore demand analysis

- Demand for iron ore - Global and China

China's Production Volumes of Crude Steel, Pig Iron V.S. Imported Iron Ore (2000 – 2012) (in 10,000 tonnes)

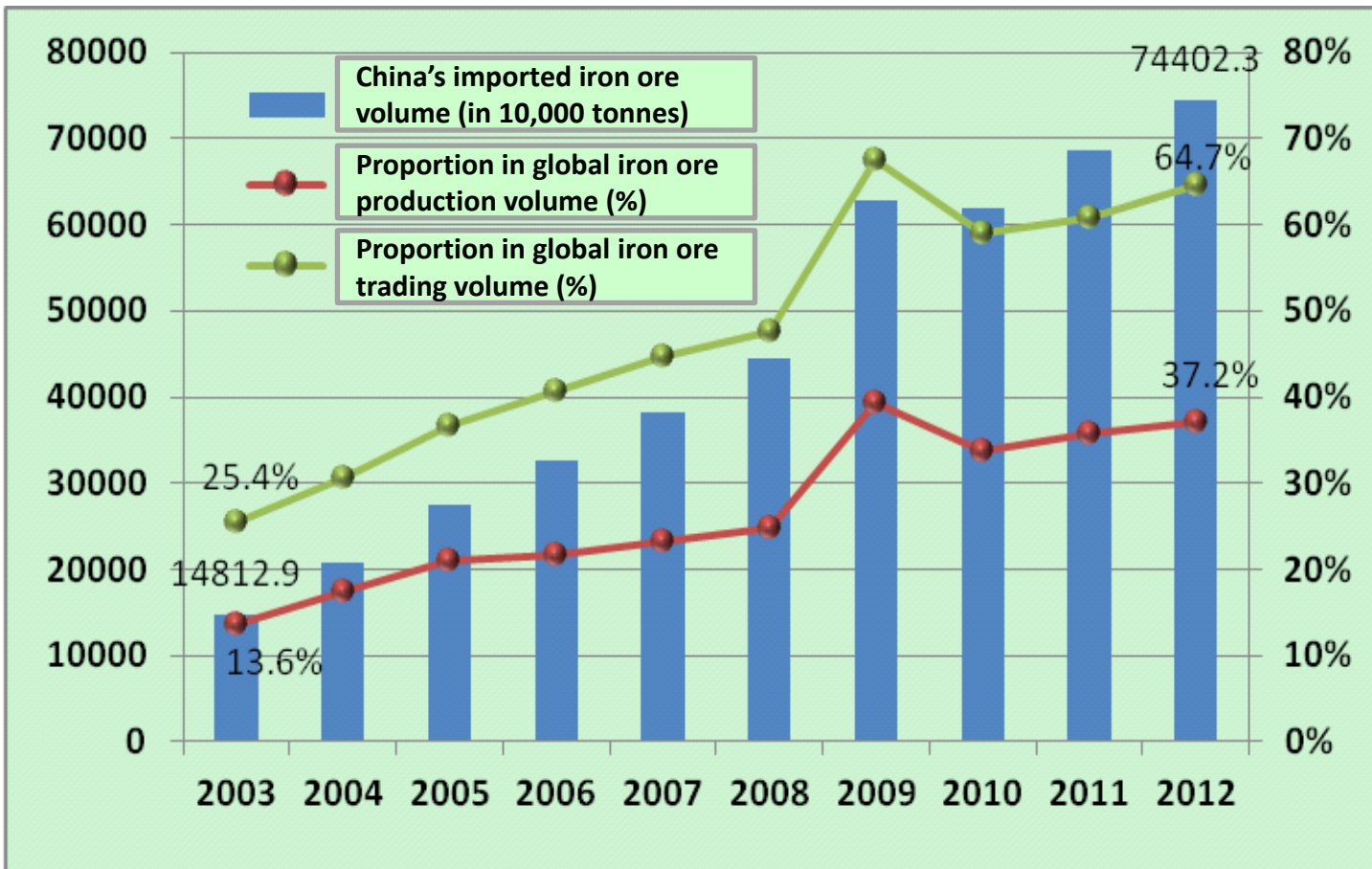
Year	Crude Steel Production	Pig Iron Production	Imported Iron Ore
2000	12850	13101	7129.46
2001	15266	15510	9156.61
2002	18155	17079	11149.6
2003	22012	21373	14812.9
2004	27246	25184	20808.9
2005	35579	34473	27526.1
2006	42102	41363	32630.3
2007	48924	46945	38306.3
2008	50049	46468	44409.8
2009	56784	54375	62789
2010	62665	59021.8	61877
2011	68327	62969.3	68647
2012	71654	65791	74402.3

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4. Iron ore demand analysis

- Iron ore market prices

Average Price of Iron Ore Imported to China (USD/tonne)

