# Industrial Policy - Observation & Suggestion -

**August 28, 2017** 

**Nippon Steel & Sumitomo Metal Corporation** 



### Overview



#### **Brazilian Economy**

- Japanese Foreign Direct Investment (FDI) in Brazil
- More than 450 Japanese companies are operating in Brazil.
- Japan ranks 6th as a foreign investor in Brazil
- Brazil is in the 10<sup>th</sup> position as a destination of Japanese FDI.

From "Joint Report by the Brazilian National Confederation of Industry - CNI and the Japan Business Federation- Keidanren" (September 1, 2015)

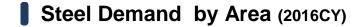
#### **◆** Prospective

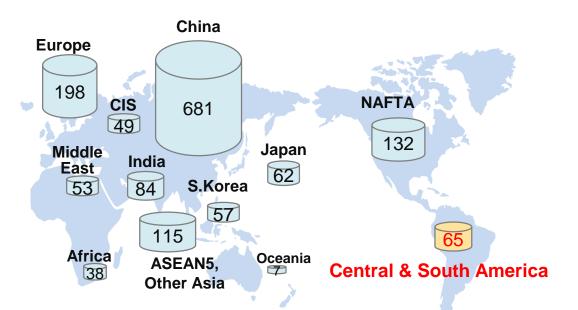
- Brazilian GDP: 1.7% growth in 2018, 2% in 2019 (IMF)
- · Japanese FDI in Brazil is expected to continue growing.
- Development of business environment will further facilitate FDI from Japan.



#### Steel Market in Brazil: Growth Potential

**◆** Even in the downside phase, steel demand in Brazil is still very large in the worldwide market.





Steel Demand World Total 1,515MMT							
1	China	681					
2	USA	92					
3	India	84					
4	Japan	62					
5	S. Korea	57					
6	Germany	40					
7	Russia	38					
8	Turkey	34					
9	Mexico	25					
10	Italy	24					
11	Brazil	18					

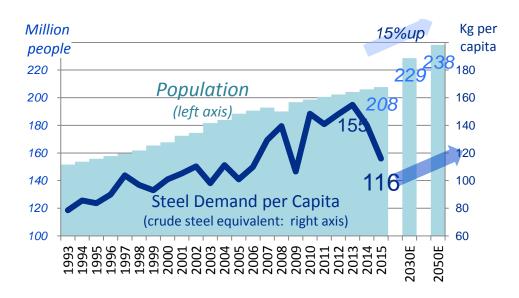
2017 Forecast 18.4 mil ton (Source: IABr)

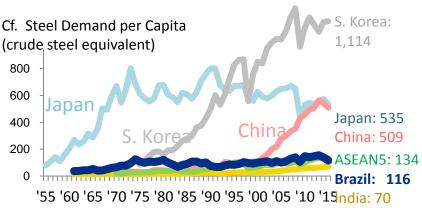
(Source: World Steel Association)



#### Steel Market in Brazil: Growth Potential

- >Steel demand per capita is still at a low level.
- > Population is increasing.
- >Huge potential for steel demand increase.
- Steel Demand per Capita and Population in Brazil





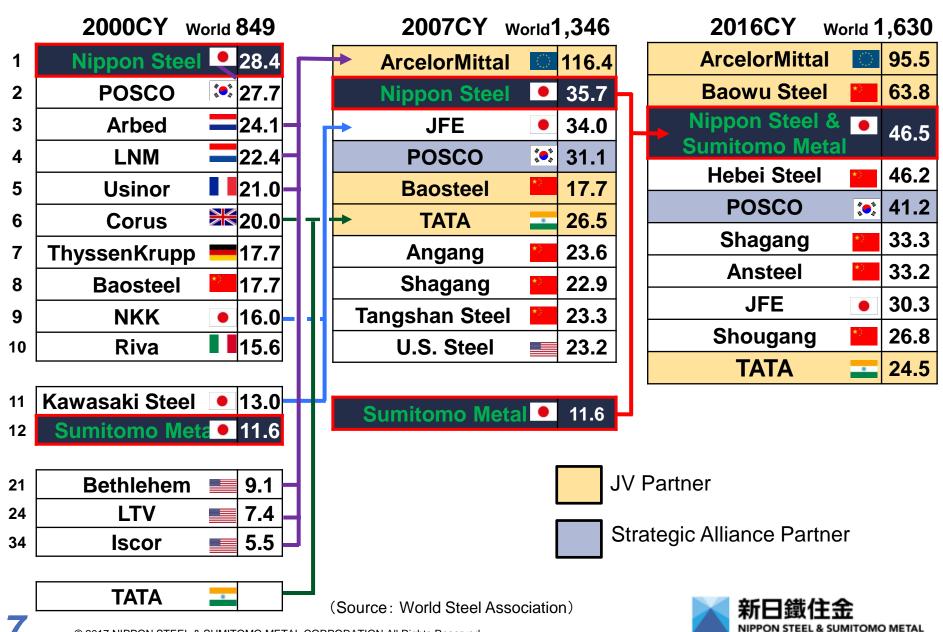
(Source: World Steel Association)



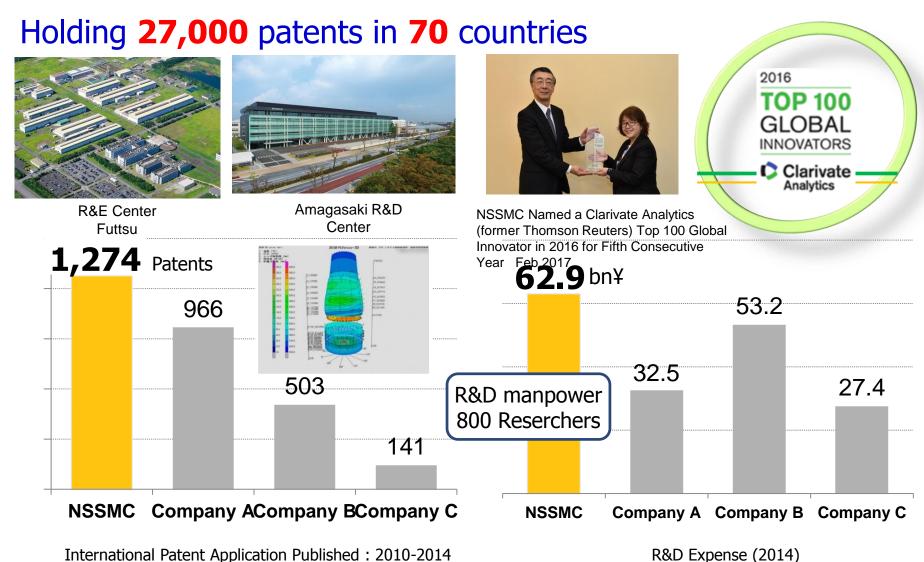
## Global Business Development of Nippon Steel & Sumitomo Metal Corporation



#### Who we are.



#### **High Grade Steel Strategy**



R&D Expense (2014)



#### NSSMC's global supply network

#### - Various products, countries and partners

	Integrated steel works	Automotive		Constructi			
		Steel sheet	Pipes & tubes, bars & wires	Crank- shafts	on, packaging	Railway parts	Energy
China							
ASEAN							
India			0				
USA					0	0	
Mexico		0					
Brazil							
Middle East, Africa							



#### **Major Manufacturing & Sales Bases of NSSMC**

Railway, Automotive & **Overseas Office** Machinery parts Pipe & Tube Flat products Bar & Wire Rod Construction usage Dusseldorf Chicago Beijing **New York** Houston New Delhi Shanghai Guangzhou Mexico Dubai Bangkok Ho Chi Minh 0 Singapore Belo Horizonte Jakarta Sao Paulo Sydney



### Nippon Steel & Sumitomo Metal Corporation in Brazil



#### **NSSMC's Business Bases in Brazil**





#### **USIMINAS - History**

- 1956 President of Brazil requested Japan to assist constructing integrated steelworks in MG.
- 1957 Japan and Brazil signed the agreement for the joint establishment of a steel company.
   (This year is the 60th anniversary.)
- 1958 USIMINAS was established as a joint venture between Japan and Brazil.
  - Equity share: Japan Group 40%, Brazilian Government Group 38%
  - Construction: Directed by an assigned director of Yawata Steel (now NSSMC)
  - Construction assistance: 518 people were dispatched from Japanese steel companies.
     (Companies integrated into NSSMC accounted for 90%, 466 people)



#### **USIMINAS - History**

- 1966 onwards NSSMC has continued 48-years Technical Assistance to USIMINAS.
- 1999 USIMINAS and NSSMC established JV (UNIGAL) producing galvanized steel sheets. NSSMC has licensed related technology.

No.1 CGL: Start-up in Oct. 2000, Annual capacity 480,000 tons
 No.2 CGL: Start-up in May 2011, Annual capacity 550,000 tons

 NSSMC has licensed the most advanced technologies related to high grade heavy plate (CLC) to USIMINAS, as the first licensee in the world.



#### **USIMINAS**





#### **USIMINAS - Overview**

#### <lpatinga Works>

- Capacity: Crude Steel 5 million ton /year
   Blast Furnace x 3 (885m³ x 2, 3162m³ x 1)
- Products: Heavy Plate, Hot Rolled Steel, Cold Rolled Steel, Hot Dipped Galvanized Steel





#### <Cubatão Works>

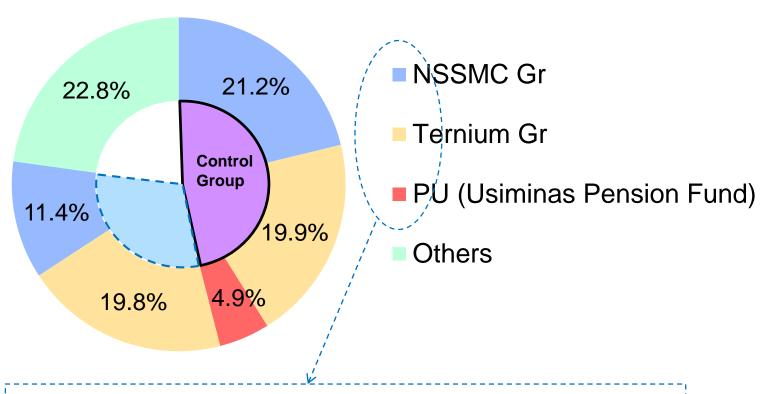
- Products: Hot Rolled Steel, Cold Rolled Steel



#### **USIMINAS - Overview**

#### 2012 Ternium joined a control group of USIMINAS

Shareholding of ordinary shares as of July 2017



These 3 entities form a control group of Usiminas.



#### **Observation & Suggestion**



#### Observation - Areas for Consideration

- 1. Protection of Legitimate Expectation of Investors (e.g. Fair Competition)
- 2. Predictable and Timely Administrative Remedies and Actions
- 3. Timely Legal Remedies ("Justice delayed is justice denied.")



#### Suggestion - Possible Solution

#### EPA: Expected to provide following mechanisms

- 1. Fair and equal treatment of FDI
- 2. Bilateral mechanism for governmental and business community representatives to discuss issues on how to improve the business environments in Brazil and Japan
- 3. Bilateral mechanism for FDI to convey its concerns about the business environment to the host state

