

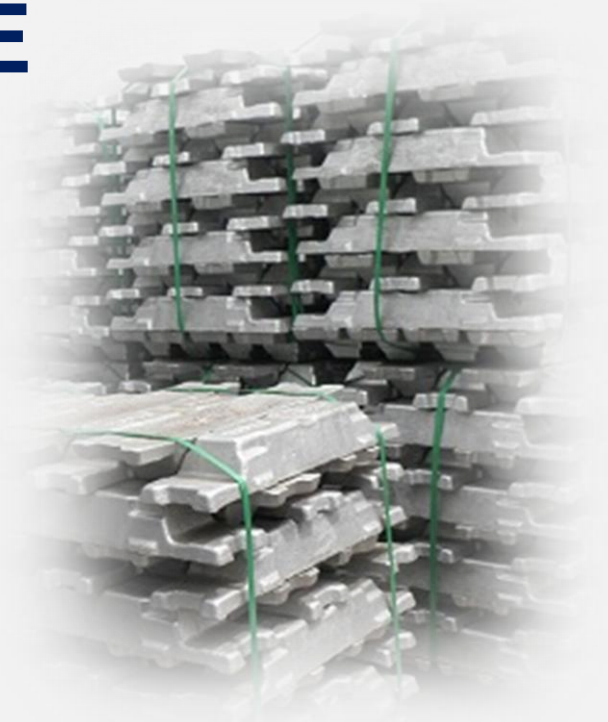
# AMAZON ALUMINIUM PROJECT IN PARÁ STATE

São Paulo  
March 17, 2015

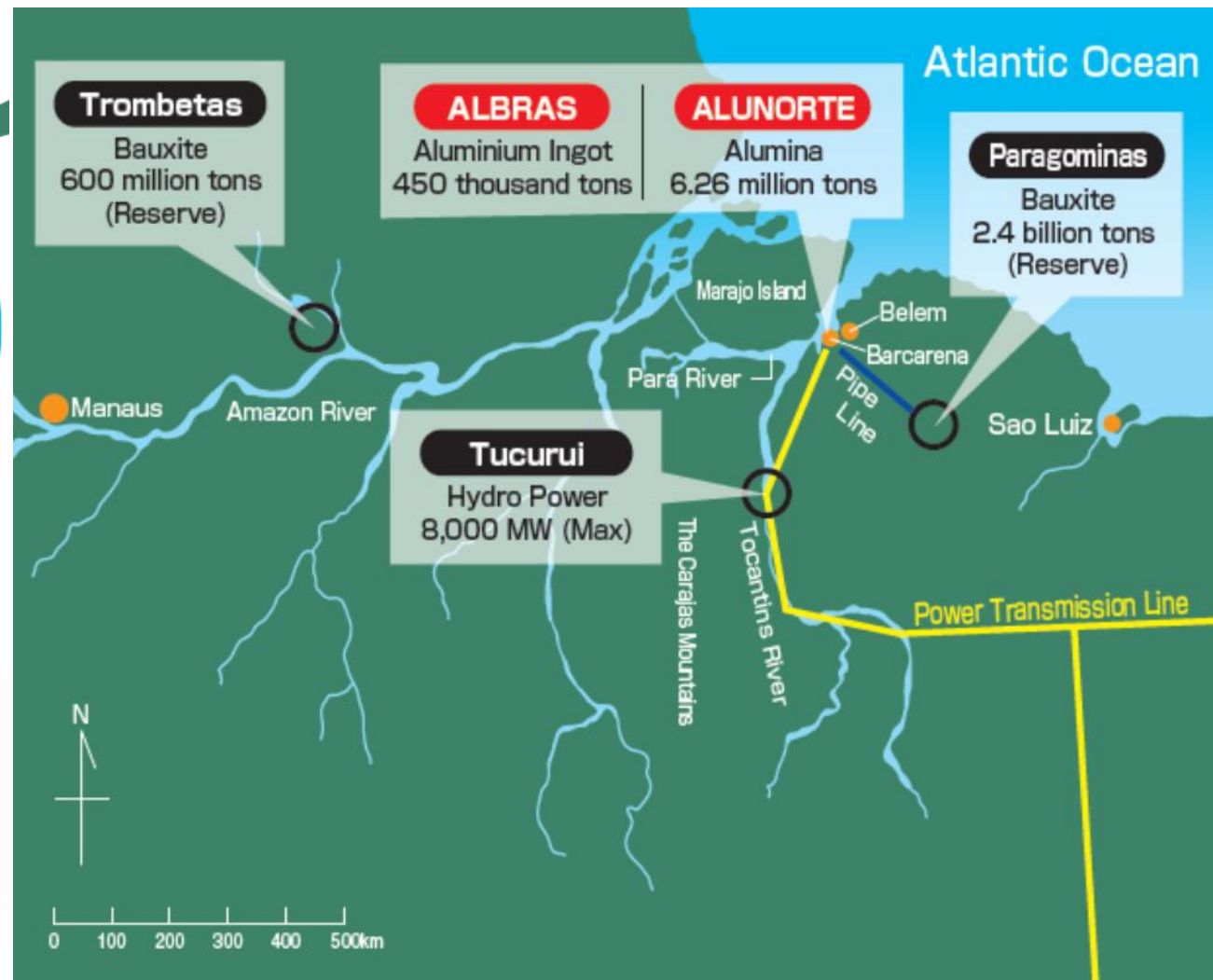
**Michitaka NAKATOMI**

President & CEO

Nippon Amazon Aluminium Co.,Ltd. (NAAC)



# AMAZON ALUMINIUM PROJECT



The aluminum complex in Pará State, since 1978

# AMAZON ALUMINIUM PROJECT - History

- 1976 Joint Communique between Brazil and Japan  
(H.E. Ernesto Geisel, President of Brazil and Takeo Miki, Prime Minister of Japan)
- 1977 NAAC (Nippon Amazon Aluminium Co.,Ltd.) was established
- 1978 Albras (Alumínio Brasileiro S.A.) and  
Alunorte (Alumina do Norte do Brasil S.A.) were established
- 1985 Albras started production of aluminum ingot
- 1995 Alunorte started production of alumina
- 2011 Project partner changed from Vale S.A. to Norsk Hydro (Norway)

***“Perfect association between Brazil and Japan  
for more than 30 years”***

by Minister, Ministry of Mines and Energy BRAZIL  
in the meeting with Japanese Minister,  
Ministry of Economy Trade and Industry

May 2013



# AMAZON ALUMINIUM PROJECT – Key Figures

**Albras** produced

**439 kt**

of aluminum (2014)

**45%**

of aluminum production  
in Brazil (est.)

**Alunorte** produced

**5.9 million t**

of alumina (2014)

**60%**

of alumina production  
in Brazil

**Albras** and **Alunorte**  
constitute

**5%**

of GDP of Pará state  
(2011)

Export to Japan:  
**Aluminum** ranks

**3rd**<sup>(\*)</sup>

among all items

**1st**

among industrial products

**Albras** supply

**220 kt** or

**10%**

of Primary Aluminum  
needs of Japan

**Albras** and **Alunorte** have

**5,000**

Direct employed  
and contractors

(\*) 2014, in USDollar

# AMAZON ALUMINIUM PROJECT – Key Enabler

Natural resources in Pará State:

- ✓ High quality abundant bauxite
- ✓ Abundant waterpower

- ✓ Technical support from Japan



Strong commitment by the Government:  
Brazil FEDERAL&STATE

- ✓ Electricity Supply
- ✓ Infrastructure
- ✓ Tax Incentive
- ✓ Financial Support

Japan

- ✓ Equity Participation (JICA)
- ✓ Financial Support (JBIC)

Enabler for



## Present difficulties.

-ICMS issue

-Electricity Supply

## Final comments.

- We thank PARA STATE GOVERNMENT for its continued commitment to secure **solid policy aimed at maintaining and strengthening the aluminum supply chain in Pará.**
- We are committed to contributing to the economy and employment of Pará State.

**Amazon Aluminium Project** - *“Perfect association between Brazil and Japan for more than 30 years”* - **should continue to be a contributor to the economic and social development of Brazil.**

Thank You