



# **Activity of JETRO Jakarta to Promote Business between Indonesia and Japan**

Nao Takada  
Japan External Trade Organization (JETRO)

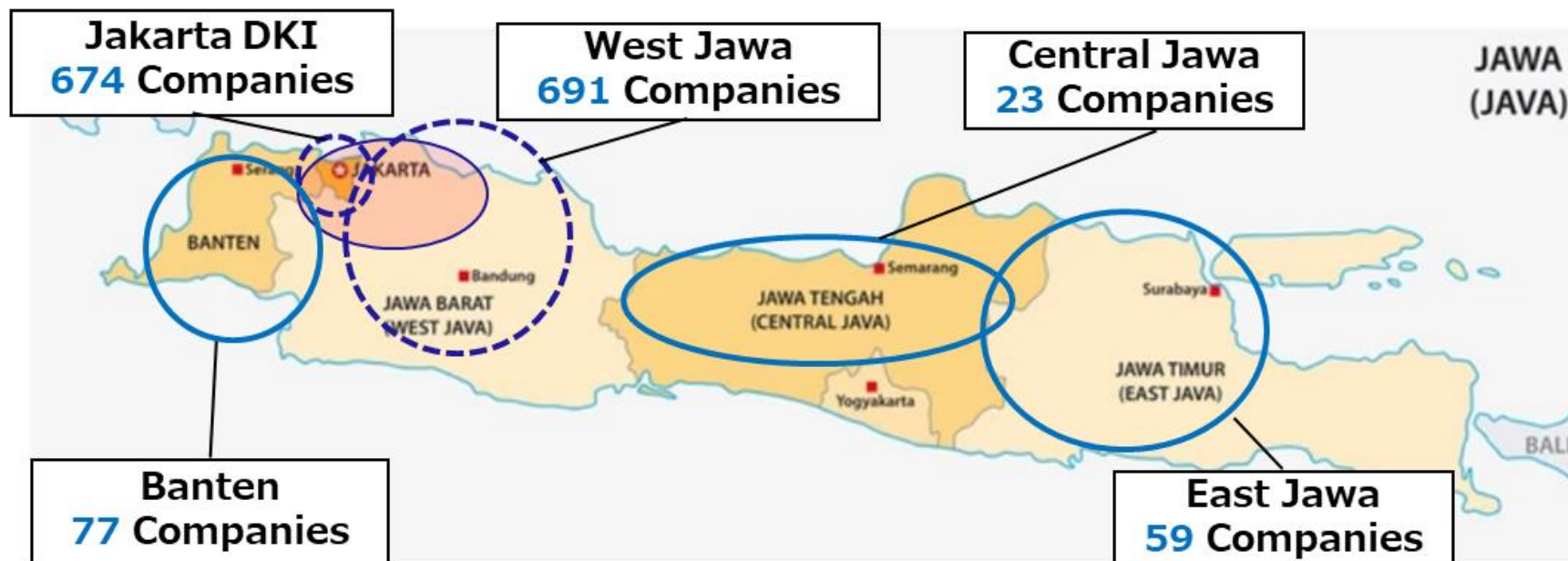
## Nao Takada



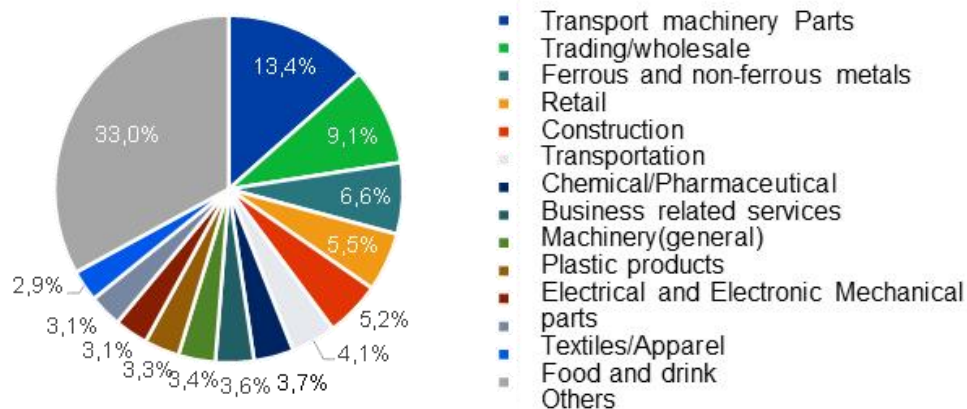
**Vice President Director** of Japan External Trade Organization (JETRO) Jakarta Office from July 2024

Secretariat of the “***Task Force on Carbon-neutrality***” of the Jakarta Japan Club (JJC)

JETRO Survey in Japanese Companies (August, 2022) : **1,569 companies**  
 ref. JJC (Jakarta Japan Club) member: 701 companies (as of 2022)



**Numbers of  
Companies by Sectors**



# Examples of Japanese Companies in Indonesia



# What is JETRO?

- JETRO, or Japan External Trade Organization, is an organization associated with Japanese government, which works **to promote trade and investment relations between Japan and other countries in the world.**
- JETRO has more than **70 overseas branches** all over the world.
- JETRO is established in Japan in 1958 to promote exports from Japan and JETRO Jakarta itself was founded a year later, in 1959, and we have proven ourselves to improve bilateral economic relations between Indonesia and Japan.



## **Socialization of Japanese Technologies**



# ASEAN Energy Business Forum (AEBF) (September 2024)

## Seminar

### MOU signing with ACE Panel Discussion about Future Technology



## Business Matching



# Carbon Digital Conference 2023 (November 2023)



## JETRO Seminar





# Workshop with Forum QHSE BUMN Konstruksi (July 2024)

Seminar



Site Visit (MRT Jakarta)



## **“Business Catalog” by Japanese Companies in Indonesia**

# “Business Catalog” by Japanese Companies for Decarbonization Realization in Indonesia

## Business Catalog by Japanese Companies Contributing to Indonesia's Decarbonization and Climate Change Adaptation

*“86 Solutions that contribute to  
Global Warming Countermeasures”*



September 2024  
JETRO Jakarta Office

**JETRO**  
Japan External Trade Organization

### Hydrogen Station, Hydrogen Generation System (PEM)

Hitachi Zosen Corporation

#### Product and service outline

We provide;

- ▶ **Hydrogen stations** with our **PEM type** hydrogen generation system;
- ▶ **EPC service** including engineering, procurement, construction;
- ▶ **Remote monitoring system** and maintenance service;
- ▶ **Automatic operation system** which requires no complicated operation management;
- ▶ Functionality to **follow acute fluctuation of photovoltaic power etc.**;
- ▶ Comforts with **no need to treat wastewater** due to no use of alkaline solution;
- ▶ Easy installation at sites and shorter construction period as it is a container type;
- ▶ Several units if H<sub>2</sub> generator's capacity is more than 200 Nm<sup>3</sup>/h.
- ▶ One unit if H<sub>2</sub> generator's capacity is less than 200Nm<sup>3</sup>/h.

<Product Specification>

H2 Gas Generation	Nm <sup>3</sup> /h	10	100	200
Generated Pressure	MPaG	Up to 0.85		
H <sub>2</sub> Gas Purity	%	Up to 99.999		
Dew Point	°C	-15~-70		
Required Pure Water	L/h	10	100	200
Power Consumption	kWh/Nm <sup>3</sup> -H <sub>2</sub>	5.0 (depending on designs)		
Dimensions	M	2 x 4.8 x 2.5	2.44 x 12.2 x 2.9	

<Image>



#### Actual result and example

- A total of references is **47**. One of them is operating for **14 years**.

#### Contact point

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38

Indonesian



English



Japanese



Solutions provided by Japanese companies: **86 items**

# “Business Catalog” by Japanese Companies for Decarbonization and Climate Change Adaption in Indonesia (12<sup>th</sup> Edition, September 2024)

## 1. Renewable

*11 items*



## 2. Utilization of Biomass

*15 items*



## 3. Decarbonization of Fossil Fuels, CCUS

*7 items*



## 4. EVs/Battery

*4 items*



## 5. Energy Conservation

*15 items*



## 6. Digital technology

*10 items*



## 7. Effective use of resources

*5 items*



## 8. Agriculture and Forestry Sector

*3 items*



## 9. Finance/Insurance

*3 items*



## 10. Transport

*4 items*



## 11. Consulting

*5 items*

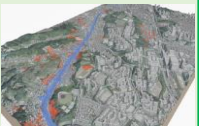


## 12. Comprehensive Solution to Decarbonization

*3 items*

## 13. Climate Change Adaptation Technology

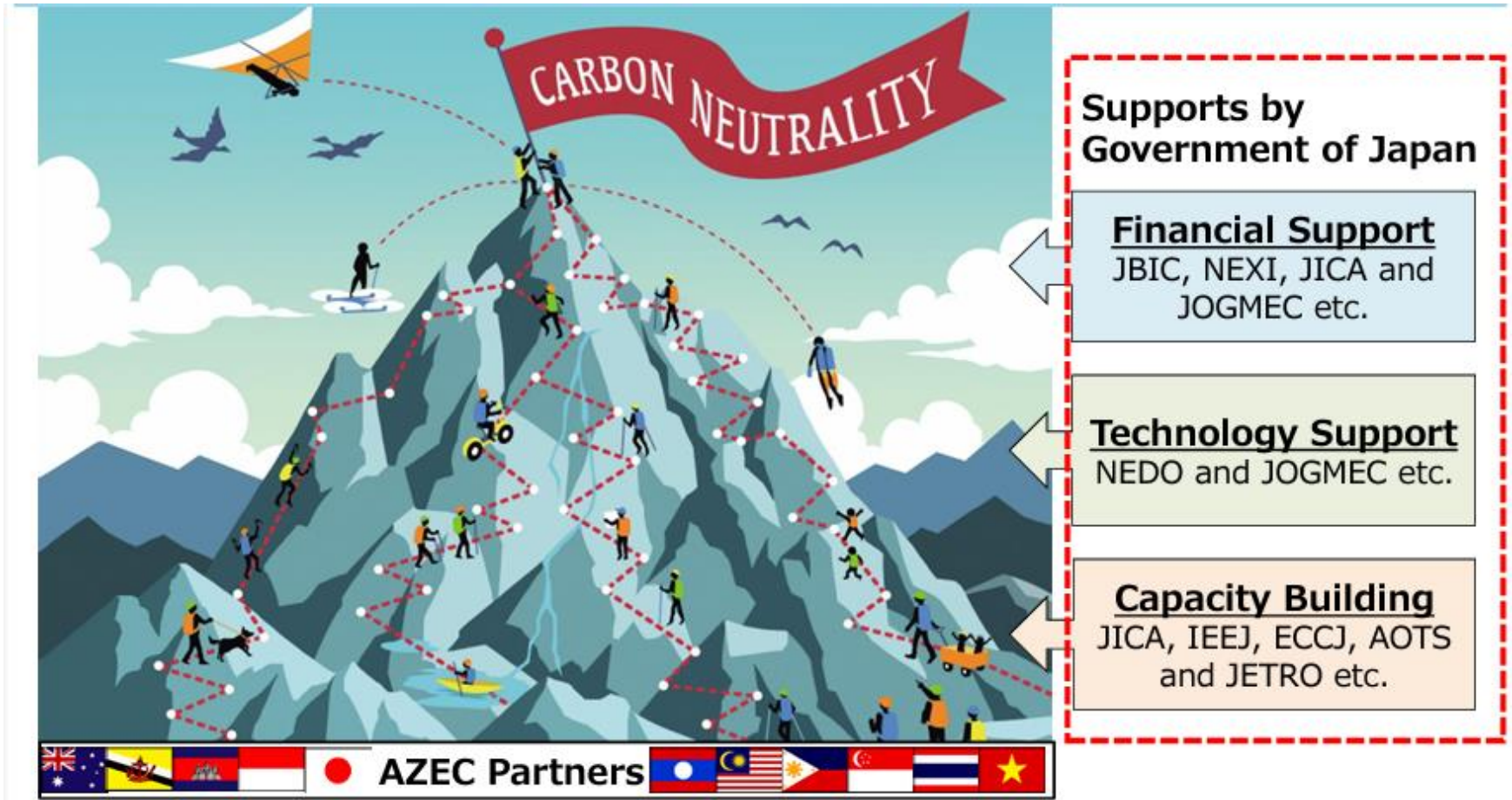
*1 items*



# **Contribution of Japanese Companies to Net-zero in Indonesia**



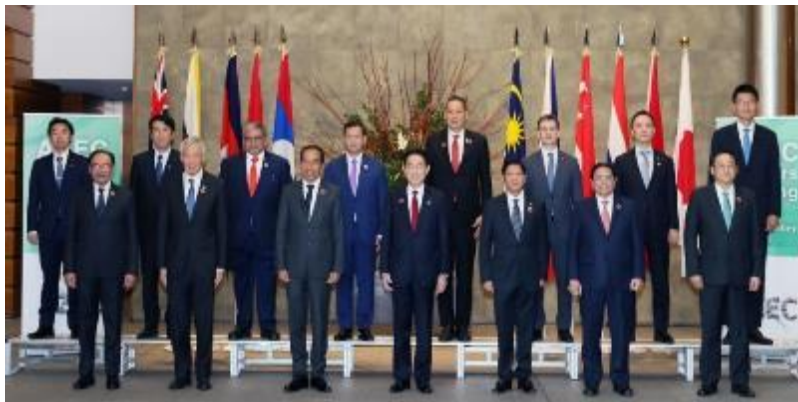
## Japanese Support under AZEC Framework



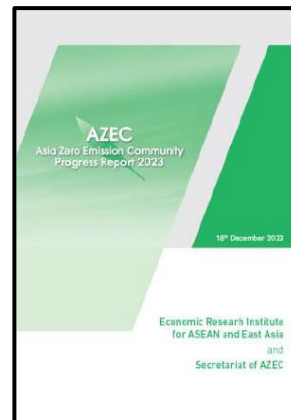
Source: AZEC Progress Report

# About AZEC

- In December 2023, the first AZEC Summit was held in conjunction with the Japan-ASEAN Special Summit. The main outcomes are as follows:
  1. The issuance of the Joint Statement of the AZEC Leaders, which confirms the principles of AZEC and expresses the commitment to promote cooperation to advance the AZEC platform.
  2. The issuance of the AZEC Progress Report, which outlines the background and objectives of its establishment, the efforts of each country, and the progress of the MOU signed at the ministerial meeting in March.
  3. The registration of new MOUs (signed after the AZEC Ministerial Meeting in March).
- At the AZEC Ministerial Meeting held in August 2024, a total of 68 MOUs were signed across AZEC. Out of these, 34 were related to Indonesia.



AZEC Summit

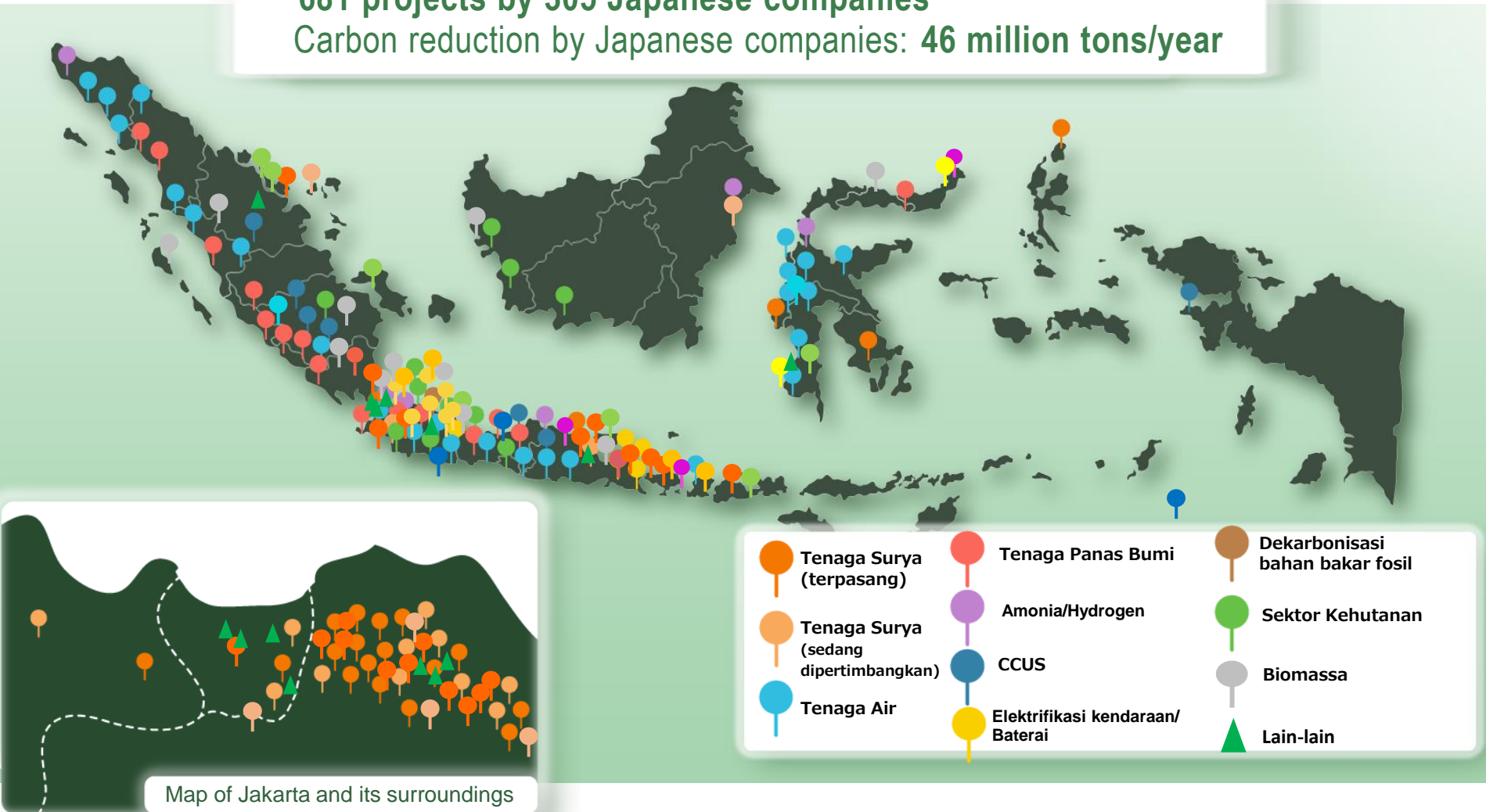


AZEC Ministerial Meeting

# Map of Decarbonization Efforts by Japanese Companies (August 2024)

681 projects by 305 Japanese companies

Carbon reduction by Japanese companies: 46 million tons/year



***Thank you for your attention !***