



## ENEOS Corporate Profile

### Concepts Embodied in the ENEOS Brand Logo

The ENEOS logo was created in 2001. The ENEOS brand has gained widespread recognition and is now a favorite among customers.

"ENEOS" is a portmanteau created by combining the words energy and neos (meaning "new" in Greek). We provide a wide range of energy services to our customers. Our brand mark is an expression of "energy" in a symbolic form. The central sphere expresses "reliability" and "persistence," while the outward spiral expresses "creativity" and "innovation."



The ENEOS Brand Logo

### Overview of ENEOS

Name	ENEOS Corporation	Capital	30 billion yen (100% investment of ENEOS Holdings, Inc.)
Established	May 10, 1888	Employees	9,103 as a single corporation (as of April 1, 2022)
Representative	Representative Director, President: Saito Takeshi	Business Areas	•Refining and sales of petroleum products (such as gasoline, kerosene, and lubricating oil) •Import and sale of gas •Manufacture and sale of petrochemical products •Supply of electricity and hydrogen
Head Office	Postal code: 100-8162 1-1-2 Otemachi, Chiyoda-ku, Tokyo, Japan		



# Do!

For the Future

# ENEOS

The power of the Earth.  
The energy for the future.

We will resolutely take on the challenge of creating new value to solve environmental and social problems. And we will continue to support the lives and lifestyles of everyone in this changing society.

## ENEOS Group



Hydrogen stations

P7



Wind power

P6



Recycling and environmental services

P9



Mega solar power

P6



CO2-free hydrogen

P7



Mobility services

P9



High Performance Materials

SSBR (solution polymerization styrene-butadiene rubber) for fuel-efficient tires

P8



ENEOS Denki (electricity business)

P10



ENEOS no Mori (forest stewardship activities)

P13

# The ENEOS Long-Term Vision and Future Business Goals

The business environment surrounding the Group is undergoing unprecedented changes, including the acceleration of the global trend toward the development of a low-carbon society, rapid evolution of innovation such as IoT and AI, growing momentum for corporate social responsibility represented by ESG and SDGs. Furthermore, as oil demand in Japan continues to decrease, survival would be a challenging goal for the Group if we simply continued as before. With the sense of urgency concerning such points, we announced the "ENEOS Group Long-Term Vision for 2040" in May 2019. The vision lays out a scenario in 2040 based on current global trends and serves as a guidepost for the Group's envisioned goals and solutions for the future. We will help to build a sustainable future in partnership with society through the realization of this vision.

# ENEOS Group Long-Term Vision for 2040

## Our envisioned goals

- 1** Become one of the most prominent and internationally-competitive energy and materials company groups in Asia
- 2** Create value by transforming our current business structure
- 3** Contribute to the development of a low-carbon, recycling oriented society



We Aim to Contribute Toward Through Our Business activities

- 7 AFFORDABLE AND CLEAN ENERGY**  
Affordable and Clean Energy
- 9 INDUSTRY, INNOVATION AND INFRASTRUCTURE**  
Industry, Innovation and Infrastructure
- 11 SUSTAINABLE CITIES AND COMMUNITIES**  
Sustainable Cities and Communities
- 12 RESPONSIBLE CONSUMPTION AND PRODUCTION**  
Responsible Consumption and Production
- 13 CLIMATE ACTION**  
Climate Action

We Aim to Contribute Toward Through Our Corporate activities

- 3 GOOD HEALTH AND WELL-BEING**  
Good Health and Well-Being
- 4 QUALITY EDUCATION**  
Quality Education
- 5 GENDER EQUALITY**  
Gender Equality
- 8 DECENT WORK AND ECONOMIC GROWTH**  
Decent Work and Economic Growth
- 10 REDUCED INEQUALITIES**  
Reduced Inequalities

## Contributing to the development of decarbonization

Creating about a sustainable and vibrant society through developments of solar, wind, and other renewable power sources.



Uruma Mega Solar Power Plant

## Renewable Energy

We have grown as a company that converts "primary energy," such as petroleum and coal, into "final energy," such as gasoline and electricity, and provided a stable supply to society. Currently, the energy industry is facing a major transition toward decarbonization economy. In response to these trends, we are working to expand our renewable energy business, including solar, wind, and biomass, and together with Japan Renewable Energy (JRE), a newly joined company to our group, we operate 82 renewable energy power plants in Japan. In order to contribute to the realization of decarbonization society, we will continue to actively promote the development of the power sources and aim to become a leading renewable energy provider in Japan.



Tsuruoka Hachimoriyama Wind Farm

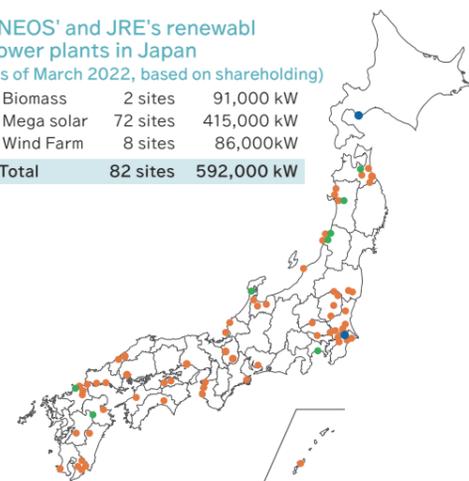
### Focus

#### About JRE

ENEOS acquired JRE's shares in January 2022, and JRE became a member of our group. JRE is one of the Japan's leading renewable energy companies with advanced power development capabilities. ENEOS will further develop and accelerate its business by combining the knowledge which has been accumulated in our energy business.

#### ENEOS' and JRE's renewable power plants in Japan (as of March 2022, based on shareholding)

● Biomass	2 sites	91,000 kW
● Mega solar	72 sites	415,000 kW
● Wind Farm	8 sites	86,000kW
<b>Total</b>	<b>82 sites</b>	<b>592,000 kW</b>



## Realizing a hydrogen society

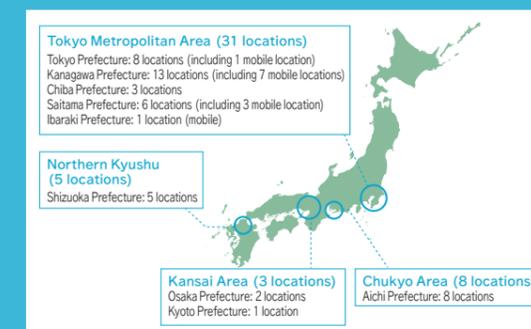
Driving to the broad social implementation of hydrogen energy using expertise in petroleum refining,



Tokyo Oi Hydrogen Station

## Hydrogen supply

We have established an integrated system from production to sales of hydrogen by utilizing our know-how cultivated in the petroleum refining and marketing business. We have 47 hydrogen stations (as of the end of June 2022) mainly in four major metropolitan areas), which supply hydrogen not only to passenger car-type fuel cell vehicles but also to fuel cell buses used for public transportation. We also supply CO<sub>2</sub>-free hydrogen produced from renewable energy sources. In 2021, at the Yokohama Asahi Hydrogen Station, we were the first company in Japan to begin the production and commercial sale of CO<sub>2</sub>-free hydrogen.



Map of ENEOS Hydrogen Stations

### Focus

#### Establishment of a CO<sub>2</sub>-Free Hydrogen Supply Chain

We are working to build a CO<sub>2</sub>-free hydrogen supply chain in Japan and abroad in anticipation of a full-scale, mass-consumption society of hydrogen for decarbonization society. Overseas, we are leveraging our extensive alliances in Australia, the Middle East, and Asia to verify the feasibility of mass supply of inexpensive hydrogen. MCH (methylcyclohexane), a hydrogen carrier that enables large-scale transportation of hydrogen from overseas, is similar in properties to petroleum and can therefore utilize our existing facilities for transportation and storage, giving us a cost advantage. Furthermore, in 2019, we have succeeded in verifying technology to produce MCH from renewable energy sources at low cost. We are currently working on scale-up verification of the production volume.



Image of the power generation and electrolyzer facility that ENEOS is considering building in Australia

## Expansion of local services



### EV-related services

With an eye on the future spread of EVs, we aim to expand our EV quick and standard chargers network through service stations and collaboration with other companies. We aim to install more than 1,000 EV quick chargers by 2025, and up to 10,000 by 2030. In addition to the route charging business (charging on the route of travel), we will work to develop services for basic charging (charging at home) in conjunction with "ENEOS Denki" and related services such as EV leasing, sharing, and maintenance.



## Expansion of local services



### Mobility and Lifestyle support Services

We are committed to creating mobility and life support services through our nationwide network of service stations. In the mobility field, we offer car sharing, car leasing, and other highly convenient services that cater to lifestyles without car ownership. In the area of life support services, we are taking advantage of our service stations' community-based and nearest location to create highly convenient stores with convenience stores and coin laundromats.



ENEOS Laundry



## Reduction of environmental impact



### Development of fuel-efficient tire materials

In the mobility field, we provide materials that reduce environmental impact. SSBR (solution polymerization styrene-butadiene rubber), an elastomer material, is a raw material for fuel-efficient tires that is environmentally friendly and maintains reliable and safe stopping performance.



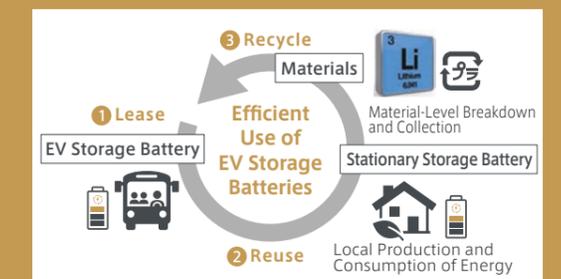
SSBR for fuel-efficient tires

## Toward a decarbonization, Recycling-Oriented Society



### Efficient Use of EV Storage Batteries

We are building a lease, reuse and recycle model for EV bus storage batteries in partnership with BYD Japan. The batteries are leased to the bus operating companies, given a second life as renewable energy storage batteries when they reach the end of their bus-usage lifespans, and finally dismantled and recycled as raw materials.



An circular model for efficient use of EV storage batteries

## Stable Supply of Energy

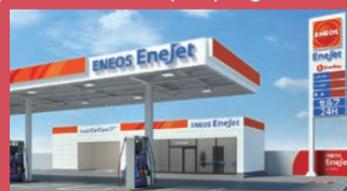
For various energy needs, realizing stable supply through an integrated value chain



Kawasaki Refinery

## Petroleum Refining & Marketing

We support a stable supply of petroleum products that are essential to our daily lives throughout our supply chain from procuring the crude oil to refining it and selling petroleum products at our appropriately more than 1,200 ENEOS service stations. Furthermore, we implement a variety of programs at our service station to address various customer needs, such as incorporating convenience store or cafe facilities.



"EneJet", the Self Service Station Brand

## Electricity and Gas Provider

We began providing home electric power under the ENEOS Denki brand in April 2016, available throughout Japan\* as of June 2020. As of end of March, 2022, appropriately 1,010,000 households have chosen ENEOS Electric as their electricity provider. Furthermore, we also launched city gas services for households under the ENEOS city gas brand in February 2018, within "the Tokyo area" covered by Tokyo Gas Co., Ltd. As of end of March, 2022, ENEOS city gas supplies roughly 120,000 households.

\*Excluding Okinawa and outlying islands

ENEOSでんき

ENEOS都市ガス

ENEOS Denki and ENEOS Toshi Gas brand logos

## Add High Value to Petroleum

Supplying petrochemicals from manufacturing bases all over the world



## Petrochemicals

Petrochemical products have become indispensable in all aspects of our lives, from plastic and polyester clothing to automotive tires, paints, and more. We have the greatest supply capacity\* in each nation in Asia for paraxylene, the raw material used to produce polyester, and propylene, which is used to make plastics - substances that will continue to see rising demand in the future. Furthermore, we are also emphasizing derivative products, which are expected growing demand for in the future. Quite recently, we began turning refineries into chemical refineries to accommodate increased production of petrochemicals.



Clothes made with polyester, fiber made from processed paraxylene

External sales basis

## Lubricants

We see lubricants as a technology-based product that supports global industries. We manufacture and sell lubricants for a wide range of applications, including automotive, industrial, and marine, incorporating our proprietary technologies. We are also developing next-generation lubricants for electric vehicles. We hold roughly 30 marketing hubs and over 70 manufacturing bases (including contracted bases) in Asia, North and South America, the Middle East, and other regions. We are expanding our overseas business even further marine.



"ENEOS X PRIME", New Service Station Oil

## Focus

### Waste Plastic Recycling Business Creation

One environmentally-friendly business we are pursuing developing technologies for chemical recycling of waste plastics to reuse them for the production of petroleum and other petrochemical products. This involves use of refineries to break down waste plastics into oils that are usable as raw materials for petroleum and petrochemical products. We are working on this technology in partnership with Mitsubishi Chemical at the Kashima industrial complex.



Waste plastic recycling concept

## Focus

### Digital Transformation (DX) Initiatives

We are shifting to automation at our refineries and creating innovative new products and services through combinations of advanced digital technologies, such as AI and diverse forms of data. Furthermore, in July 2020 we launched CDO Office dedicated to advancing DX, further accelerating movement toward digitalization.

#### Improving The Efficiency of Our Base Businesses

- Efficient refinery operation
- Improve the efficiency of supply and logistics
- Efficient operation of service stations

#### Creating Innovative New Products and Services

- Building a business model through matching
- Digital marketing
- Speed up and improving the efficiency of development of new materials and media
- Participating in the energy platform business

# Open Innovation

## ENEOS Group's Challenge to New Fields

In order to realize our long-term vision and to be a company with a strong presence in 2040, we are actively engaged in open innovation. In 2019, we established "ENEOS Innovation Partners," a 100% ENEOS Holdings-owned corporate venture capital firm, to invest in and promote collaboration with startups in Japan and overseas that possess innovative technologies and business ideas.

Click here for the ENEOS Innovation Partners website⇒



### Pursuing collaboration with start-up companies in three core domains

Investees (as of March 2022)



### Other Open Innovation

#### Collaboration with Academic Institutions

**Tokyo Institute of Technology/LG**  
Joint Research Chair in High Functional Materials Development

**Yokohama National University**  
Development of Technology for Structure and Separation of Fine Particles

**Waseda University ENEOS Lab**  
Innovative technical research for CO2 reductions

#### Investment in Venture Capital Funds

June 2019 Partners No. 3 Fund

October 2021 Westly Capital Partners Fund IV, L.P.

November 2021 Emerald Industrial Innovation Fund L.P.

#### Internal Venture Program

### Business Creation Initiative Challenge X

We are fostering a corporate culture that embraces challenges and accepts failure as a learning an opportunity at the same time as its collaboration with outside entities. The Challenge X program, which aims to foster in-house entrepreneurship to commercialize the ideas of individual employees, is one such initiative.

Any employee can freely submit their own ideas, and those who score high in the evaluation will then be allowed to start their own internal ventures. We will accelerate the creation of new value by utilizing the unique ideas of a diverse range of human resources.



#### Past Grand Prize winners

- FY2019 : Driving Tourism for Foreigners Iza-jp
- FY2020 : Proposal for a dry ice workwear and manufacturing equipment leasing business to combat heat stroke
- Proposal for a business for manufacturing and selling mashed food seasonings
- FY2021 : Rebuilding the domestic timber supply chain "ENEOS Forest Ecosystem
- Sales of Carbon Neutral Gasoline - Aiming for Net Zero in the Transportation Sector

# Corporate Citizenship

## Seeking Solutions to Social Issues

We care about finding solutions for social issues. Headquarters, refineries, plants and our group companies take part in projects that contribute to the society throughout the year.

### Supporting Sports and Culture

#### Support for Disabled Sports

In order to support wheelchair basketball and baseball for the disabled, We have sponsored the Japan Wheelchair Basketball Federation since 2006, and the Japan Dream Baseball League since 2007, and the Japan Deaf Basketball Association, a specified non-profit organization, since 2019. Many of our employees and their families attend the tournaments to cheer for the athletes and also volunteer to provide operational support and assistance.



#### Children's Cultural and Music Awards

The Children's Culture Award (founded in 1966) and the Music Awards (founded in 1971) are presented by our Group to recognize contributions to the development and improvement of music and children's culture in Japan, and to encourage future achievements. Recipient of the Award are selected from a variety of fields, such as children's illustrator, educator, children's newspaper editor, chair of musical production.



### Supporting Sports and Culture / Childcare Support

#### Basketball Clinics

Since 1995, we have hosted around 70 basketball clinics each year for elementary school and junior high school students, at locations all around Japan. The clinics are aimed to popularize basketball and teach basketball techniques by active players, staff and alumnae from the ENEOS Sunflowers.



#### ENEOS Baseball Lessons

The ENEOS baseball team's players and OB host baseball lessons all over Japan. The lessons are designed to promote the sport to local elementary and middle school children, teaching them play techniques.



### Childcare Support

#### Sponsorship of basketball tournament

We have been a co-sponsor of the "Winter Cup National High School Basketball Championship"<sup>\*1</sup> since 1996, and the "Jr. Winter Cup U15 Japan Basketball Championship"<sup>\*2</sup> and the "All Japan Mini Basketball Games" since 2016. At each convention, ENEOS booths are exhibited to promote the convention. Through sponsorship of these competitions, We are promoting the development of the next generation of athletes, including those who will play an active role in Japan's national team.



\*1: Including the All Japan High School Basketball Tournament  
\*2: Including the Inter-Prefectural Junior Basketball Tournament

#### A Bouquet of Children's Stories

Every year since 1970, we have called for submissions from the general public of original children's literature on the theme of "heart-to-heart contact. The stories selected for the top prizes in the ENEOS Children's Story Award, as well as those selected for honorable mention, are published in a book called 'A Bouquet of Children's Stories.' We donate copies of the book to educational institutions and welfare facilities nationwide, as well as to Japanese schools overseas, etc. As of 2020, the program had supported a total of 7,235 children with 710 million yen of funds.



### Environmental Conservation

#### Forest Stewardship Activities in ENEOS no Mori

We conduct the forest stewardship activities at 7 area across Japan in partnership with local governments, the National Land Afforestation Promotion Organization (NLAPO) and others. We work on forest conservation initiatives, inviting members of specialized non-profits in each area to plant trees, cut grass and underbrush, and otherwise help conserve forests alongside Group employees and their families.



#### Greenbelt Biodiversity Conservation

The biotope at the Chita Office and the greenbelt built at the Negishi Refinery both form biological networks that connect with neighboring green areas, and are home to a variety of species. Our internal biodiversity conservation initiatives have won high praise, as well as recognition as an Enterprise in Harmony with Natural Life by the Association for Business Innovation in Harmony with Nature and Community.



# Company Profile

## ENEOS Group Philosophy

### Mission

Harnessing the Earth's power for the common good and for the day-to-day life of each individual, we will contribute to the development of our communities and help to ensure a vibrant future through creation and innovation in energy, resources, and materials

### Our Core Values

#### As a member of the community

##### High ethical standards

Based on our core principles of integrity and fairness, we conduct all of our business activities in accordance with our high ethical standards

##### Health, safety, and environment

We give the highest priority to health, safety and environmental initiatives, which are vital to the well-being of all living things.

#### Supporting day-to-day life

##### Focus on customers

We strive to meet the expectations and evolving needs of our valued customers and of society as a whole through the reliable provision of products and services, while creating new value as only we can.

#### For a vibrant future

##### Taking on challenges

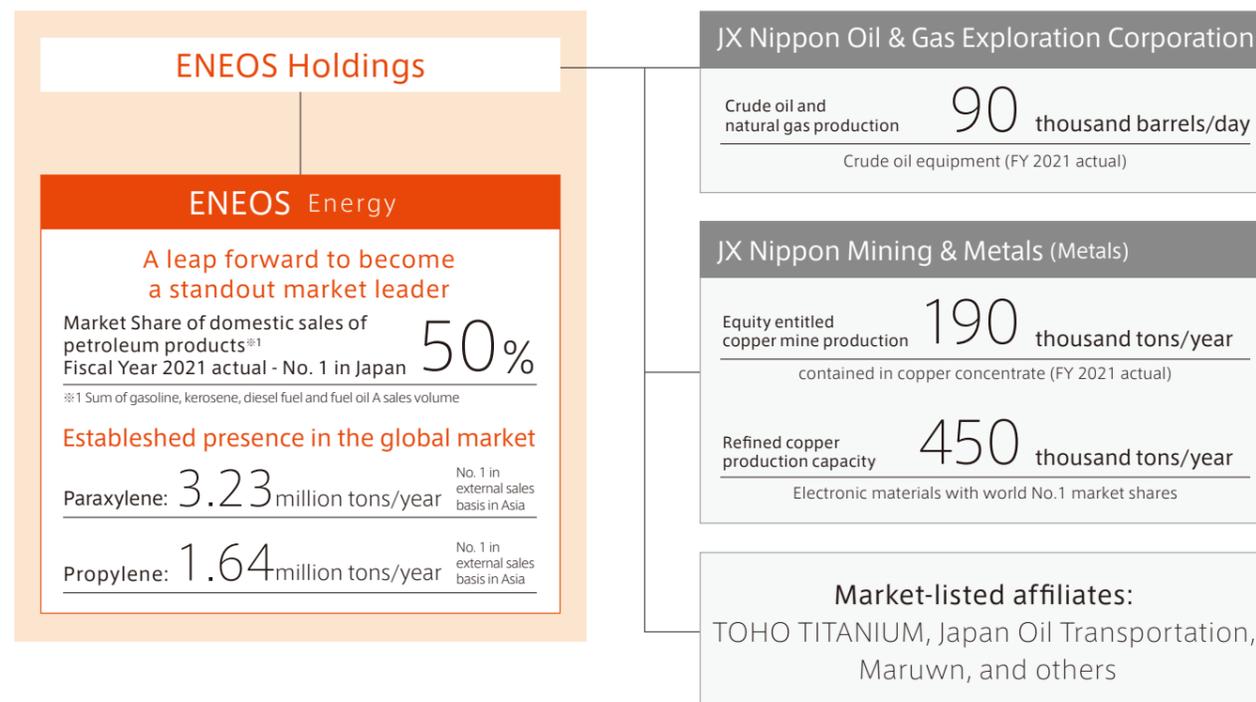
Taking changes in stride, we rise to the challenge of creating new value while seeking innovative solutions for today and tomorrow.

##### Moving forward

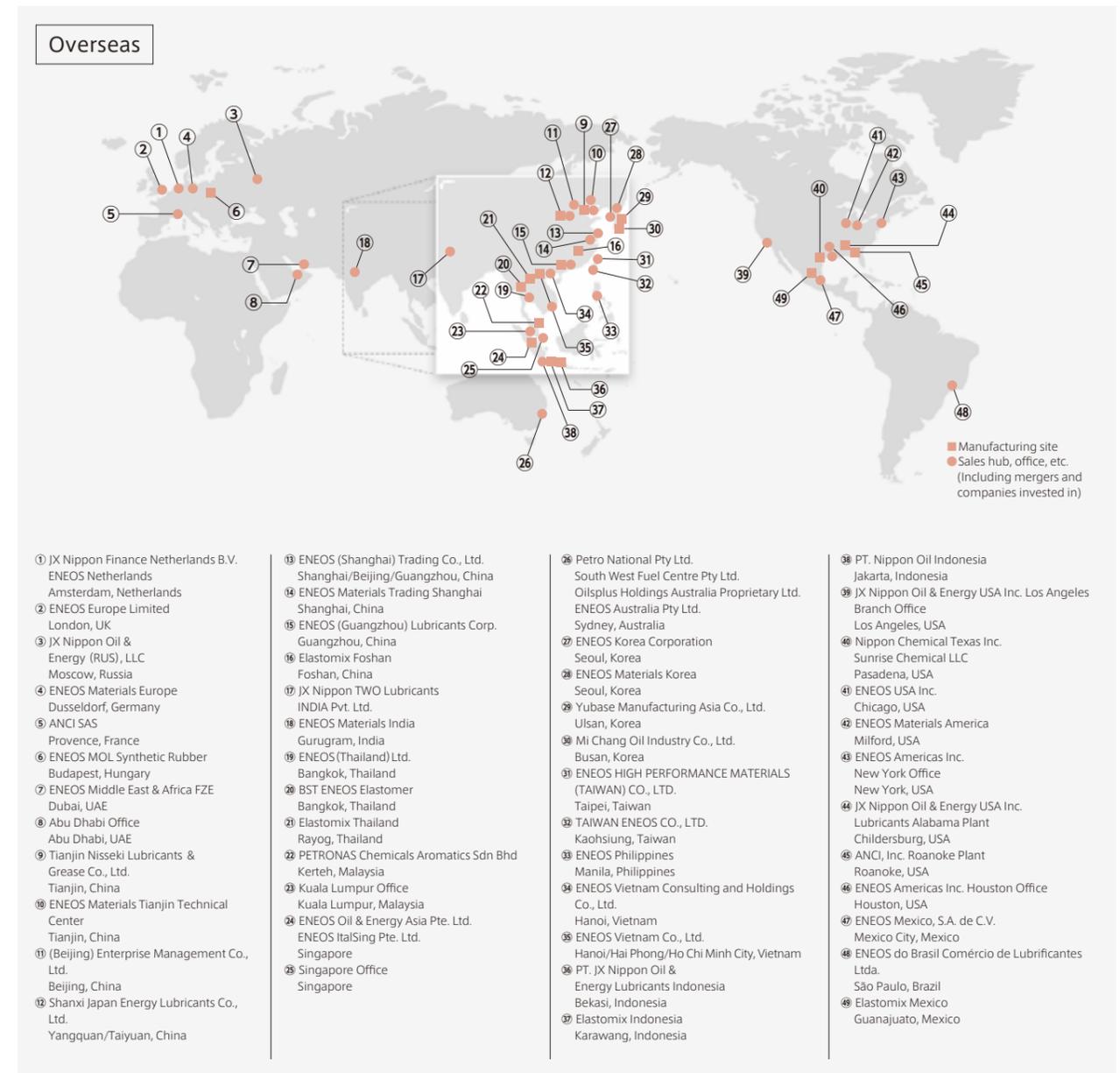
Looking to the future, we continue to grow, both as individuals and as a company, through the personal and professional development of each and every employee.

## The ENEOS Group

Become one of the most prominent and internationally-competitive energy and materials company groups in Asia



## Locations



### Japan

