

August 10, 2023

# **Initiatives Aimed at Enhancing Corporate Value**



ENEOS Group Japan's Premier Energy and Materials Corporate Group

### Initiatives Aimed at Enhancing Corporate Value

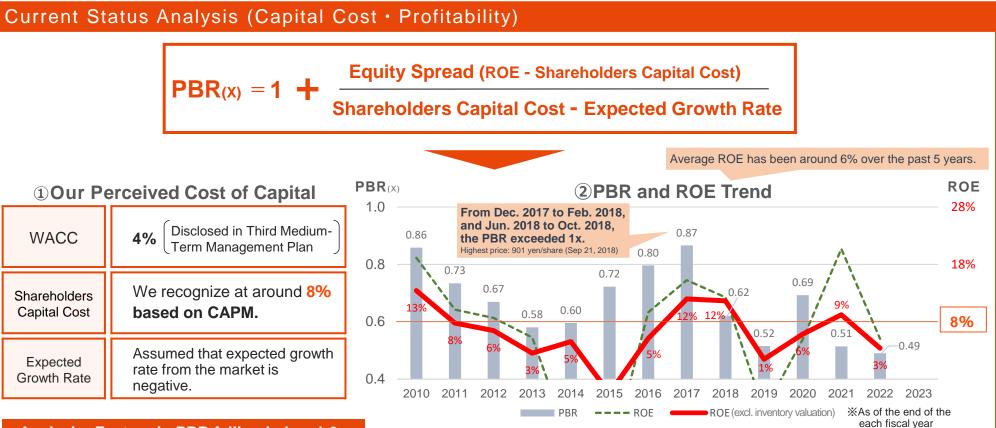
**P**3

### Excerpt from Third Medium-Term Management Plan P6

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## Initiatives Aimed at Enhancing Corporate Value



#### Analysis: Factors in PBR falling below 1.0x

- Historical equity spread performance has been negative.
- Due to the expected decline in domestic demand for petroleum, which is one of our main businesses, and the uncertainty about what businesses could cover this decline, market expectations for growth are low.

Including a long-term time horizon.

Analyzed similar company cases, including overseas companies.

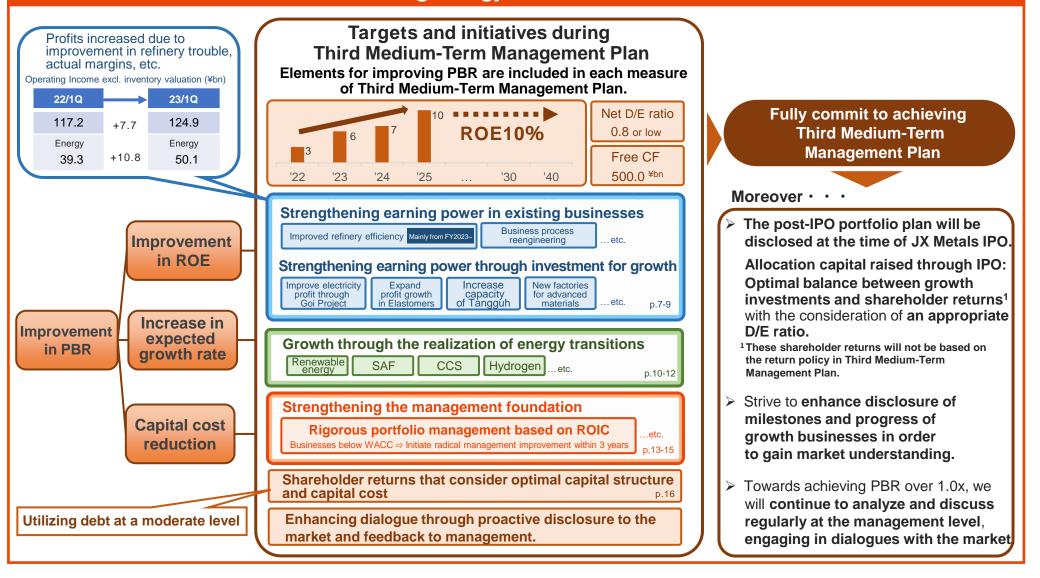
Confirmed improvement measures to exceed PBR of 1.0x:

- Enhancing ROE, including through the withdrawal from low-profit businesses.
- Disclose progress of growth businesses such as biofuels, etc.

## Initiatives Aimed at Enhancing Corporate Value

# Improve ROE and achieve a positive equity spread Accelerate efforts towards achieving energy transition

### Continue to achieve results in (1) (2)



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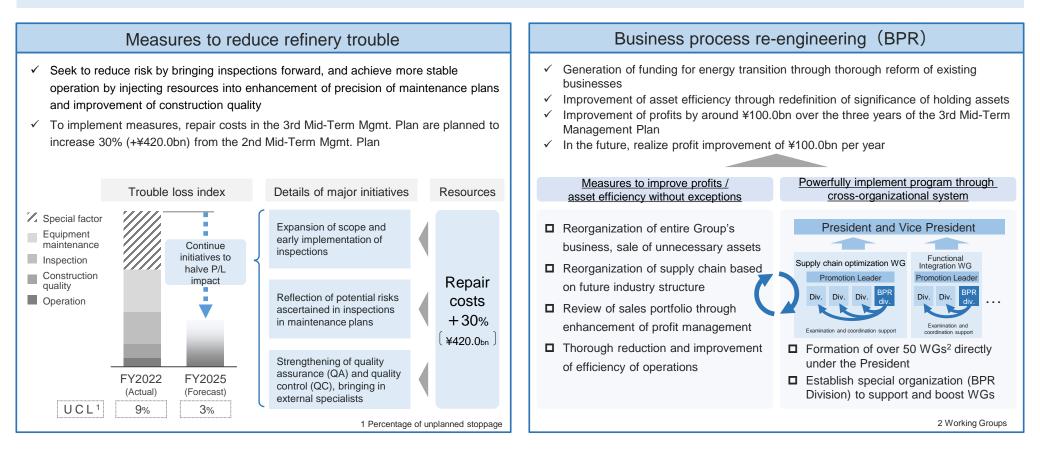
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### Excerpt from Third Medium-Term Management Plan

7

### (1) Establishment of Solid Earnings Base (Energy business)

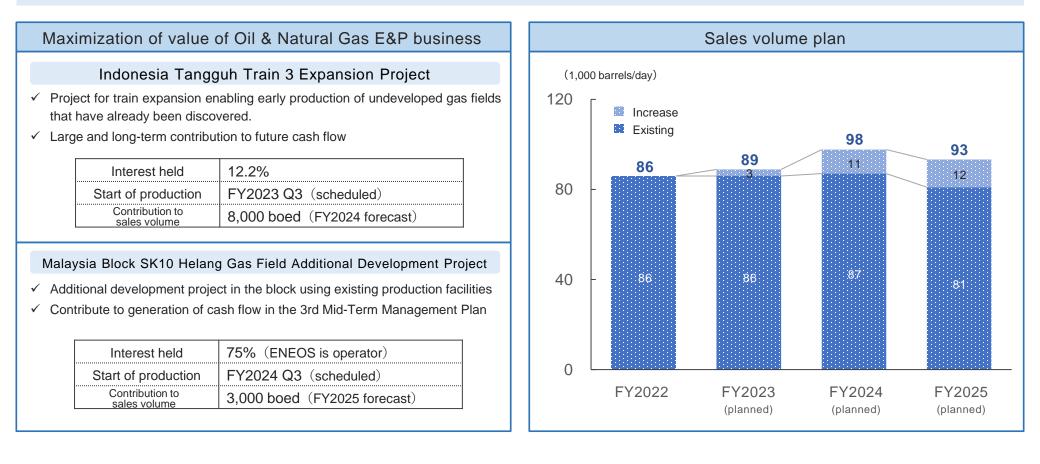
✓ Speedily implement measures to reduce refinery trouble and measures for fundamental earnings improvement, cost reduction, and enhancement of asset efficiency through business process re-engineering



8

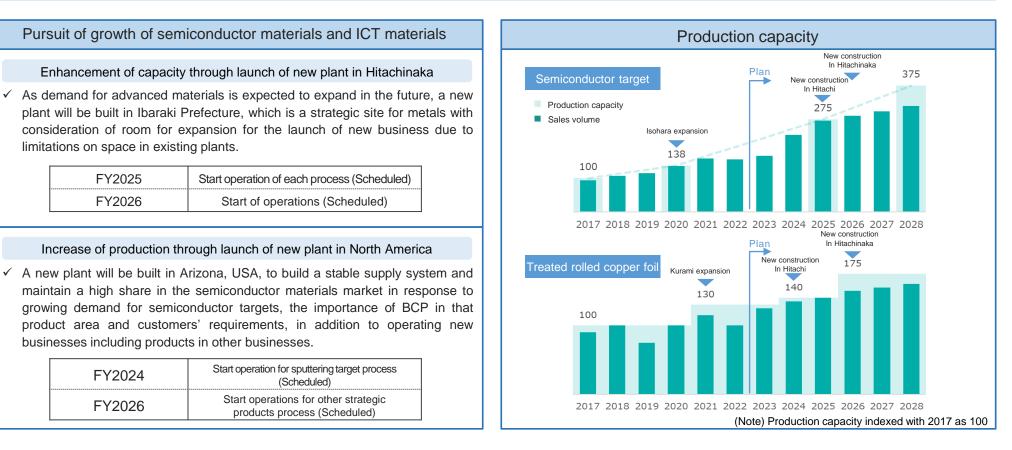
### (1) Establishment of Solid Earnings Base (Oil & Natural Gas E&P business)

 Pursue safe, stable and efficient business operation and seek maximization of value of conventional Oil & Natural Gas E&P business as a base business for securing and expanding management resources



# (1) Establishment of Solid Earnings Base (Metals business)

✓ Steadily execute growth investment, and steadily capture growing demand for semiconductor materials and ICT materials



FY2025

FY2026

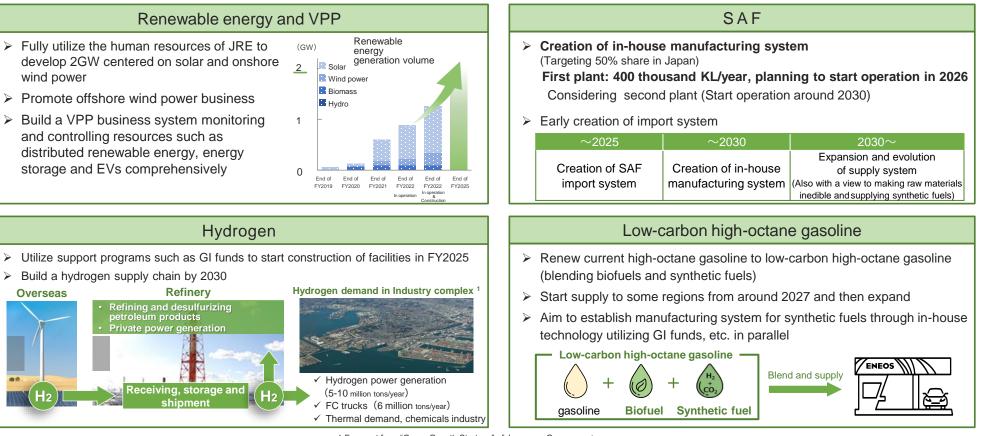
FY2024

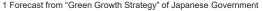
FY2026

10

### (2) Acceleration of Initiatives for the Realization of Energy Transition (Energy business)

 Pursue initiatives to start supply of renewable energy, hydrogen, biofuels and synthetic fuels, which are main energy candidates for a carbon-neutral society, to society while utilizing support system and strategic partnership





(2) Acceleration of Initiatives for the Realization of Energy Transition (Oil & Natural Gas E&P business)

 Implement initiatives aimed at acquisition of elemental technology required for strengthening and creation of CCS value chain and early implementation of CCS

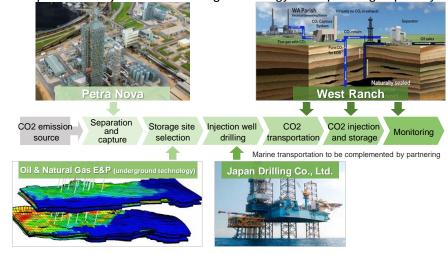
Strengthening and creation of CCS value chain

#### Petra Nova Parish Holdings (wholly-owned US subsidiary)

- Acquisition of separation and capture technology and operating expertise through stable operation as an operator of a CO<sub>2</sub> separation and capture business
- Acquire technology for CO<sub>2</sub> pipeline transportation, injection, storage and monitoring through CO<sub>2</sub> injection and monitoring at West Ranch Oil Field

### Acquisition and management integration of Japan Drilling Co., Ltd. (April 2023)

> Acquisition of injection well drilling technology and operating capability



#### Initiatives for early implementation of CCS

#### **Domestic CCS business**

Evaluate and review of CO<sub>2</sub> hub (aggregation site) and storage site for realization of start of injection in 2030 through West Japan Carbon dioxide Storage Survey Co., Ltd., a joint venture between ENEOS and J-POWER.

#### **Overseas CCS business**

- Consider participation in joint studies and overseas CCS projects through channels with state-run oil companies, etc.
  - Implementation of joint study aimed at formation of CCS hub & cluster with PETRONAS and JGC
  - Consideration of development technology proposal and acquisition of interest including CCS in undeveloped gas fields containing high concentrated CO<sub>2</sub> found offshore of the Malay Peninsula with PETRONAS Carigali
  - Consideration of CCUS business for reducing  $\mathrm{CO}_2$  emissions in the Tangguh LNG Project

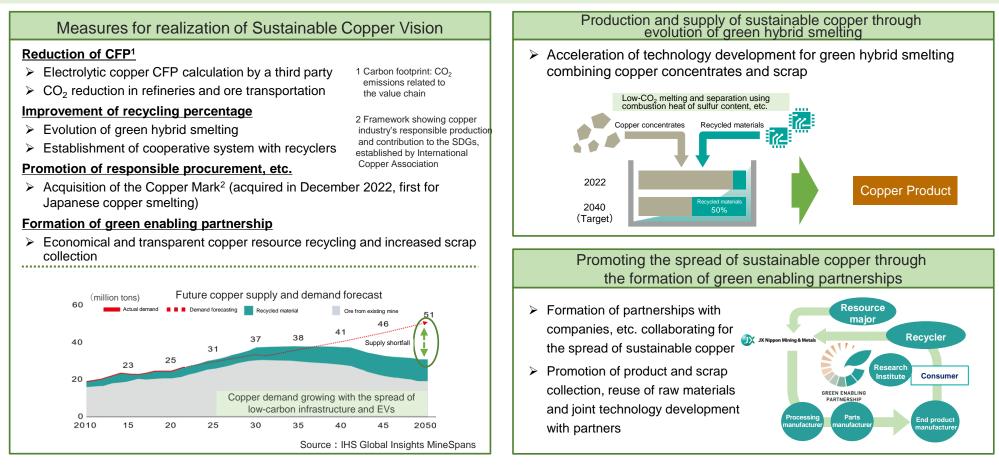
#### Creation of new environmental business centered on CCS

- Consideration and development of future technology utilizing Nakajo Openinnovation Lab (NOiL)
- Consideration and promotion of negative emission business (BECCS<sup>1</sup>, DACCS<sup>2</sup>)
  - 1 BECCS : Bio energy with carbon dioxide capture and storage
  - 2 DACCS : Direct air capture with carbon dioxide capture and storage

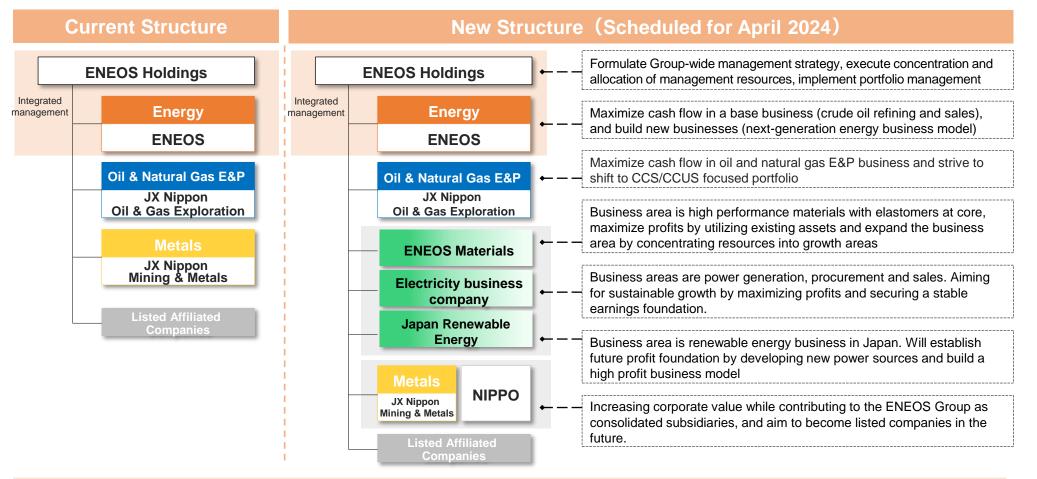
12

### (2) Acceleration of Initiatives for the Realization of Energy Transition (Metals business)

 Create a system for energy-saving, carbon-saving copper resource circulation with a high recycling rate through realization of the Sustainable Copper Vision



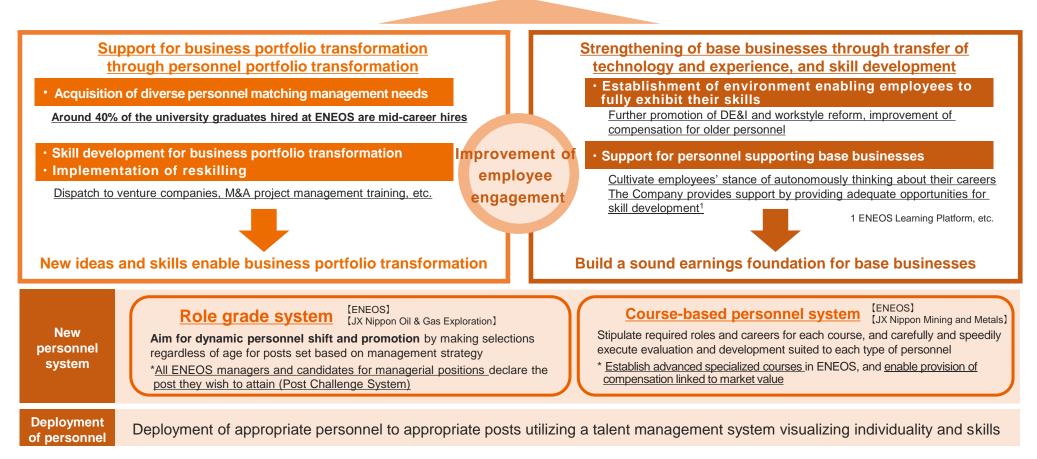
### (3) Enhancing the Management Base (Change in Group Management Structure)



Under the holding company structure, emphasizing capital efficiency, execute portfolio management using ROIC as an indicator and initiate fundamental management improvement measures for inefficient businesses within 3 years

(3) Enhancing the Management Base (Group Human Resource Strategy)

Supporting "today's normal," taking the lead for "tomorrow's normal"



### (3) Enhancing the Management Base (Digital Strategy)

Further accelerating DX for establishment of a solid earnings base and realization of energy transition. Perform utilization of data centered on training of digital personnel, strengthening of IT governance and expansion of co-creation opportunities as driving forces required for this.

#### DX of base businesses (DX Core)

- Enhancement of facility maintenance using drones and AI image diagnosis
- Reduction of operation and construction trouble utilizing machine learning
- Supply chain optimization through demand forecasting
- Improvement of efficiency of on-site operation through various types of digitalization



- coordination of new services Deepening of customer communication utilizing
- applications
- Acceleration of material development and creation of innovation

DX of growth businesses (DX Next)

Next-generation energy management utilizing VPP sysrem

#### Strengthening of driving force for promotion of DX

#### DX for carbon neutrality

- Visualization and analysis of CO<sub>2</sub> emissions
- · Pursuit of application of digital technology in CCS projects



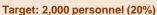
15

### **Development of digital personnel**

Visualize skill levels, enhance the autonomous capabilities of employees and promote the assignment of appropriate personnel to appropriate posts



data scientists



- improvements in each division



Utilize diverse data inside and outside the company to transform into a data-driven organization

- Aggregation of data through optimization of ERP and data analysis infrastructure
- Sustained profit improvement through the utilization of data analysis tools
- Thorough utilization of customer data
- Formation of communities through sharing of insights and collaboration

# **IT** governance

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Create an environment for steady promotion of DX in strategy, system, and security aspects

- Company-wide DX discussion led by management
- Strengthening of IT management capability through IT cost visualization, etc.  $( \mathbf{ } )$ 
  - Ongoing strengthening of security incorporating the zero trust concept



#### **Co-creation** opportunities

Enhance technology and experience through funding of startups, collaboration with other companies, and expansion of collaborations between universities and industry

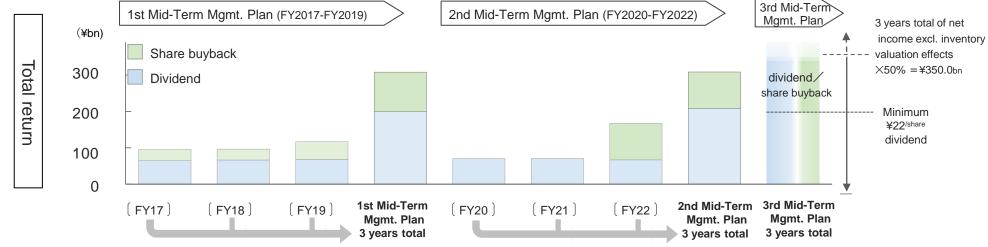
Funding of startups

- Leading collaboration with other industries for expansion of community services
- Strengthening of technology development through joint research with educational and research institutions

1 Personnel with practical experience and knoweledge for promotion of DX, and can demonstrate value as a core of DX projects in their area of responsibility

### Shareholder Returns Policy

Basic Policy	<ul> <li>Secure sufficient financial soundness and liquidity to withstand resource price volatility and other business risks and enable procurement of capital for sustained investment in growth.</li> <li>Based on the above, utilize constant financing to maintain an optimal capital structure and capital costs.</li> </ul>
Return Policy	<ul> <li>Returning profits to shareholders continues to be an important management issue.</li> <li>With the basic policy of implementing returns reflecting medium-term consolidated performance and forecasts, strive to continue to provide stable dividends.</li> </ul>
Indication of shareholder return in Medium-Term Management Plan	<ul> <li>On average over the three-year period, 50% or more of net income, excluding the impact of inventory valuation effects, will be returned through dividends and share buybacks.</li> <li>In consideration of the continuation of stable dividends, we will set a minimum dividend of 22 yen per share.</li> </ul>



This notice contains certain forward-looking statements, however, actual results may differ materially from those reflected in any forward-looking statement, due to various factors, including but not limited to, the following:

- (1) macroeconomic conditions and changes in the competitive environment in the energy, resources and materials industries;
- (2) changes in laws and regulations; and
- (3) risks related to litigation and other legal proceedings.