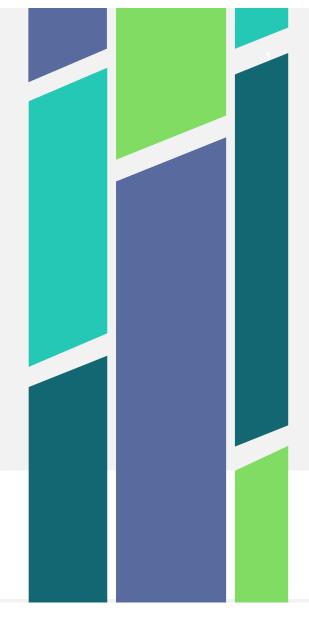


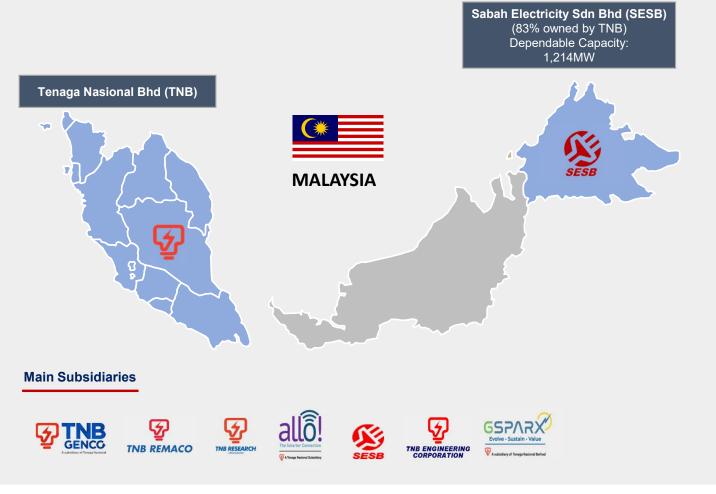
TENAGA NASIONAL BERHAD PRESENTATION TO INVESTORS



Investor Relations Group Finance Division January 2024

Overview Corporate Profile

TNB is the largest electricity utility company in Malaysia and at the forefront of the country's energy transition



Sole Network & Retail Provider in Peninsular Malaysia*

Our grid network & retail business are governed by the Incentive Based Regulation (IBR) framework

- ン世 Transmission length: 25,838 km
 - A Substations: 480 System Minutes: 0.01 minutes



Distribution Network: 741,764 km Substations: 87,947 SAIDI : 9.49 minutes



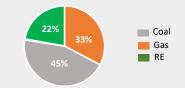
Retail customers: 9.9 mil Customer Satisfaction Index (CSI): 87%

*Data as of Dec 2022

Holds 53% of Domestic Generation Capacity

Total TNB Equity Capacity: 16,211MW (September 2023)

- Domestic: 14.707MW
- International: 1,505MW



Notes: 1.

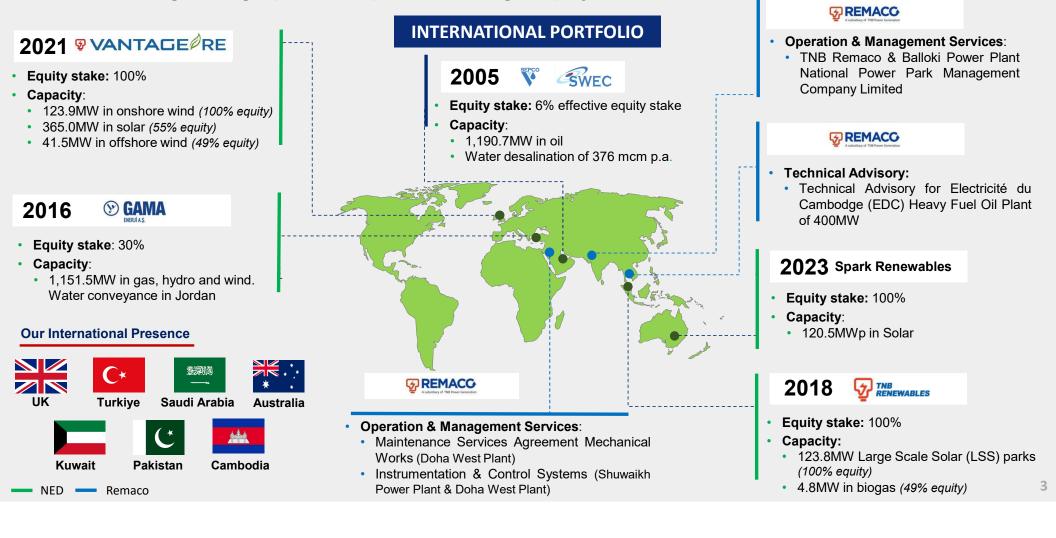
RE inclusive of large hydro and small RE Data is based on equity installed capacity (exclude SESB)

2. Solar capacity based on MWp 3.

Overview > Corp

Corporate Profile

We are also a global player and we strive to future proof our business by expanding our RE footprint and establishing strategic partnerships with leading RE players







CHAIRMAN DATO' ABDUL RAZAK BIN ABDUL MAJID





ONG AI LIN

Expertise: Audit & Finance



GOPALA KRISHNAN K.SUNDARAM

Expertise: Law



DATO' ROSLINA BINTI ZAINAL Expertise: Engineering & Business



JUNIWATI

RAHMAT HUSSIN

Expertise: Corporate Planning

DATO' MERINA BINTI ABU TAHIR

Expertise: Accounting



EXECUTIVE DIRECTOR / PRESIDENT / CEO DATO' SERI IR. BAHARIN BIN DIN

Non-Independent Non-Executive Directors



MUAZZAM BIN MOHAMAD

Permodalan Nasional Berhad (PNB)



DATIN RASHIDAH BINTI MOHD SIES

Ministry of Finance



ROHAYA BINTI MOHAMMAD YUSOF Employees Provident Fund (EPF)

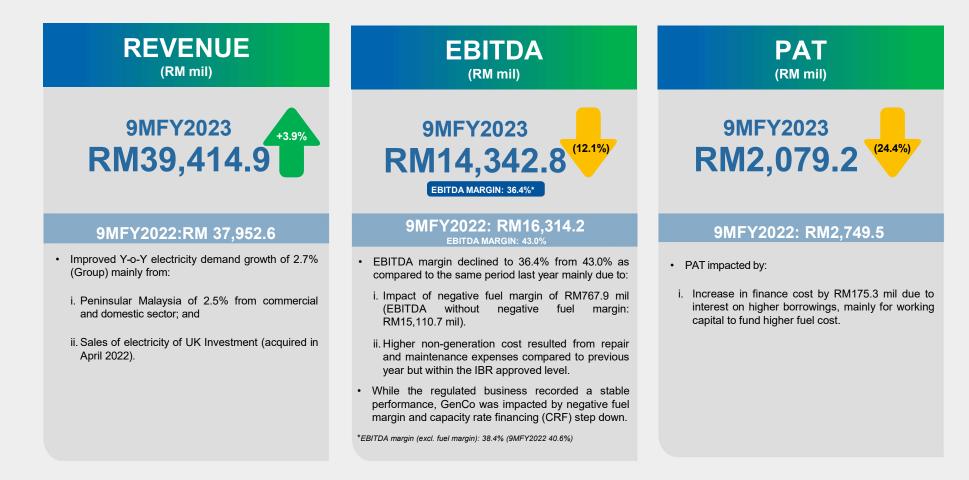


SELVENDRAN KATHEERAYSON

Khazanah Nasional Berhad

Results at a Glance Financial Performance Overview

Amid a challenging environment, our 9MFY2023 PAT was impacted by negative fuel margin

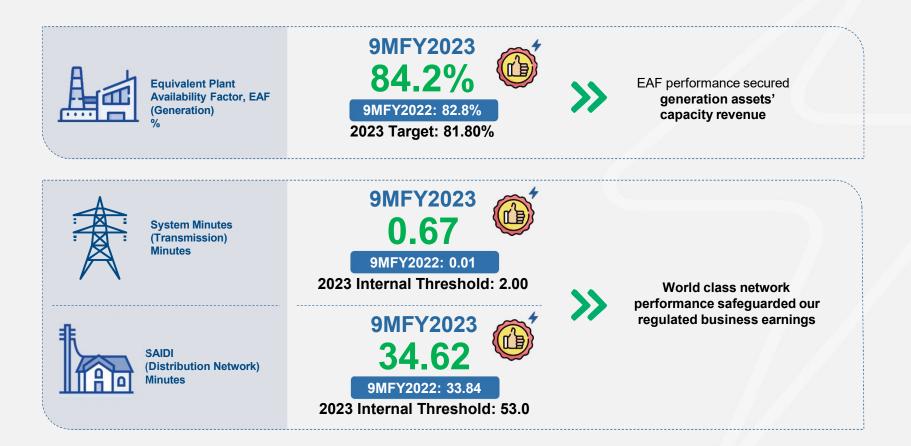


Note: Refer Integrated Annual Report FY2022 for full year performance: <u>https://www.tnb.com.my/assets/annual_report/TNB_IAR_2022.pdf</u>

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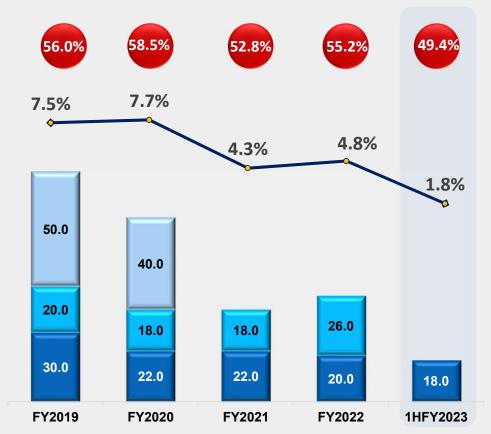
Results at a Glance > Technical Performance Overview

Group earnings supported by; (i) Improved generation business (ii) World-class network performance



Dividend Historical Dividend

We strive for sustainable dividends to ensure long term value for the shareholders, proven by our historical dividend payout record



Interim dividend per share (sen) I Final dividend per share (sen) Special dividend per share (sen)

Dividend Payout ratio (%) (based on Adjusted Group PATAMI and excluding special dividend)

→ Dividend Yield

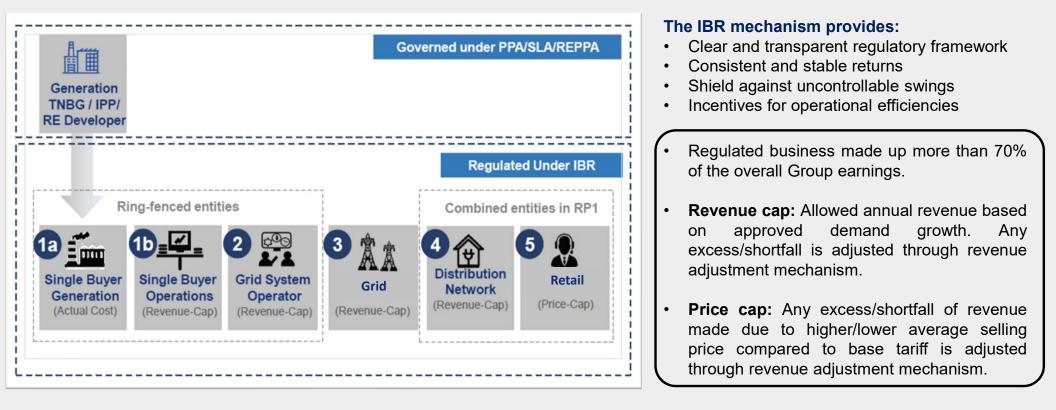
DIVIDEND POLICY

We will continue to honour our dividend policy of 30% to 60% dividend payout ratio, based on the reported Consolidated Net Profit Attributable to Shareholders After Minority Interest, excluding Extraordinary, Non-Recurring items

Regulatory Regulated Business

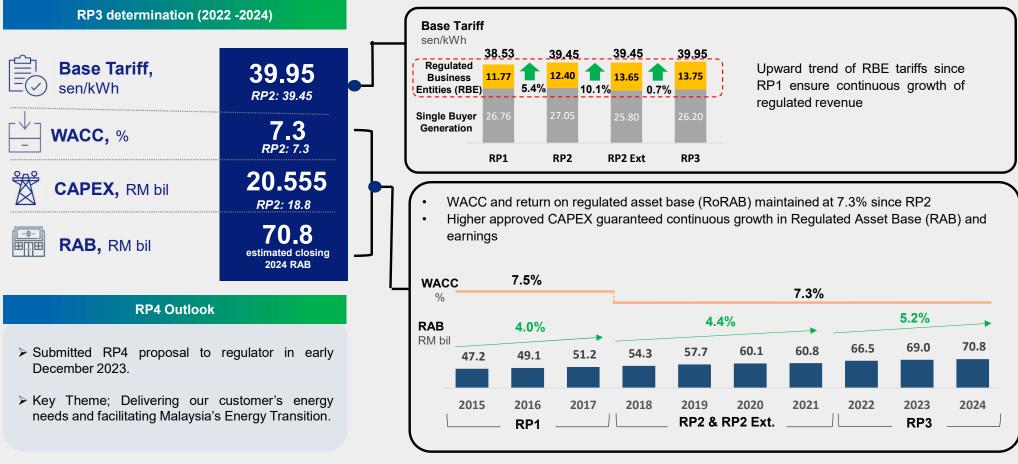


Our regulated business is governed by the Incentive-Based Regulation (IBR) framework which provides stable returns to the Group while ensuring a more efficient energy sector



Regulatory **IBR** Regulatory Period 3 (RP3) Parameters

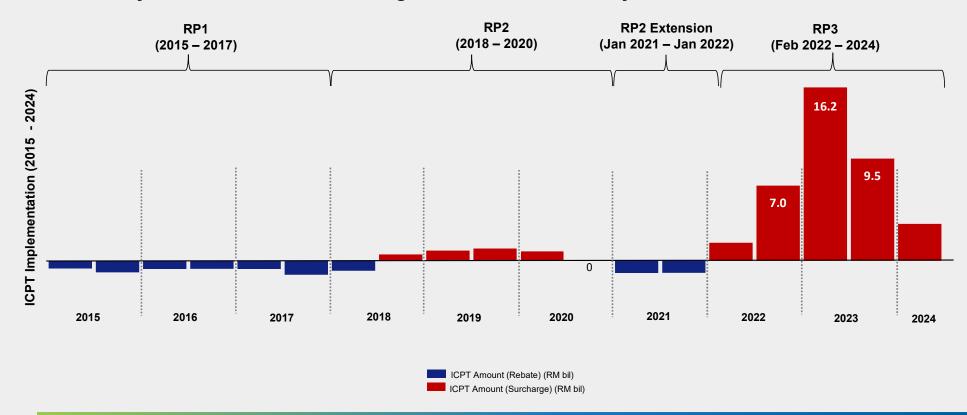
The Government has approved the RP3 parameters and we have secured higher CAPEX with a fair WACC for the next 3 years (2022-2024)



5

Regulatory ICPT Mechanism

Regulatory certainty; the Government has successfully managed the impact of fuel prices volatility for the past 19 ICPT* cycles since 2015 with the highest ICPT cost recovery in FY2023.



ICPT mechanism remained intact; ICPT receivables is expected to trend lower amid moderating coal prices, relieving working capital pressure with positive improvements in our cash flow position and gearing levels.

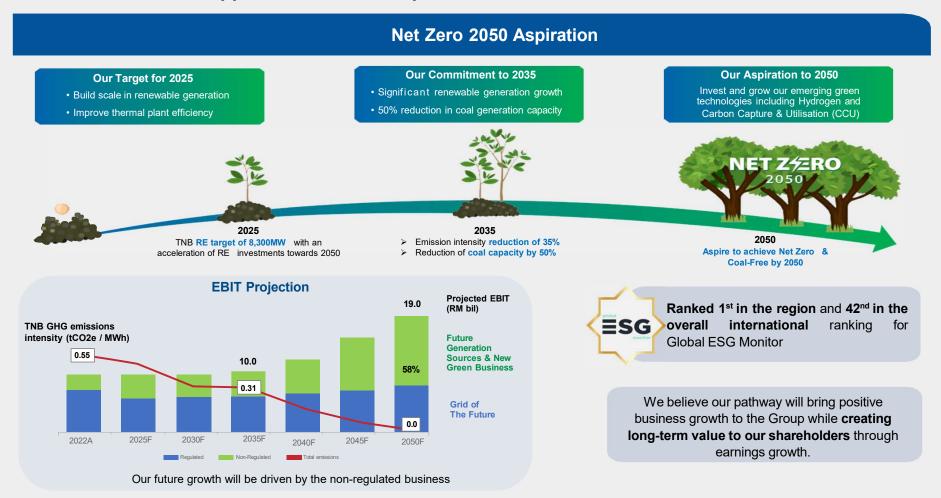
*Imbalance Cost Pass-Through

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TNB's Energy Transition Plan Net Zero & Coal Free by 2050

Our journey towards Net Zero 2050 Aspiration will bring positive business growth and enhance value to our shareholders, as well as support the nation's aspiration



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TNB's Energy Transition Plan > Three (3) Key Levers: Decarbonisation, Digitalisation & Electrification

Our Energy Transition Plan cuts across the electricity supply value chain, anchoring on three (3) key levers: Decarbonisation, Digitalisation & Electrification

ENERGY SOURCES

Renewable Energy (RE) Capacity

- Capture RE growth potential in domestic and international markets
- Embark on strategic partnership for new technology
- Adopt commercial capabilities in foreign markets to drive domestic RE growth

Coal Generation Capacity

- Uplift value of existing plants
- Reduce coal generation capacity
- Increase gas generation capacity

Carbon Management

- Reduce scope 1,2,3 GHG emissions
- Capture emissions (CCS, CCU)
- Trade/offset
- Manage carbon pricing

ENERGY VECTORS

Smart Grid

 Enhance grid & network flexibility to enable higher penetration of VRE¹, DER² & electrification

Regional interconnection

 Expand cross-border interconnection allowing for a wider reallocation of RE resources in ASEAN power system

Hydrogen

 Produce for applications in domestic power, industrial and mobility sectors, and for export market

Energy Storage

- Stabilise the grid
- Manage grid's peak demand
- Enable off-grid supply and peer-to-peer generation among prosumers

F

ENERGY USAGE

Electrification

 Spur the development of low-carbon mobility ecosystem

Energy Efficiency

- Provide energy audit services and integrate energy efficiency improvements on machinery, equipment & appliances
- Deploy energy monitoring system

Prosumer

Provide rooftop solar + storage solution

Digital Platform

 Complement Energy Transition (ET) initiatives with digital platforms such as myTNB apps, Electric Vehicle (EV) charging platform, digital marketplace and green energy aggregation and trading platform

Smart Cities

 Develop liveable, sustainable and resilient cities leveraging on technologies and integrated functionalities

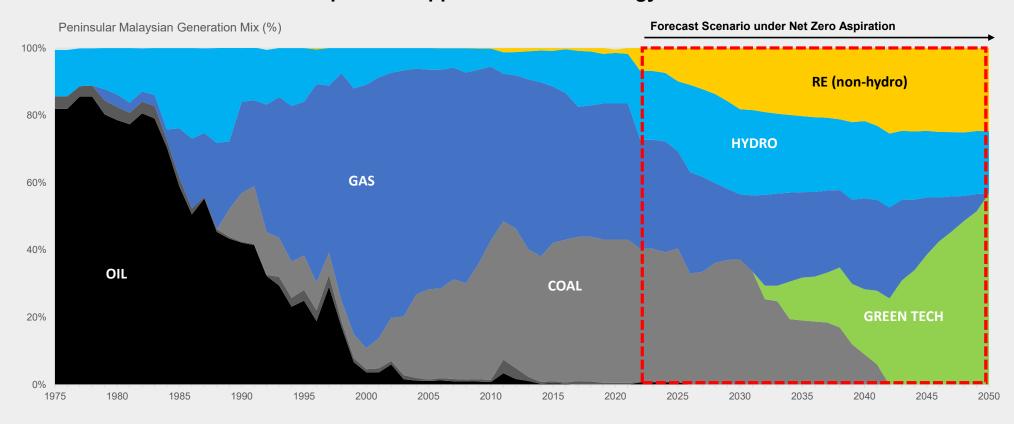
¹ Variable Renewable Energy

² Distributed Energy Resources

TNB's Energy Transition Plan Peninsular Malaysian Generation Mix



The nation's current generation mix reflects the diversification required for security of supply, and will continue to shift as we take a responsible approach towards energy transition

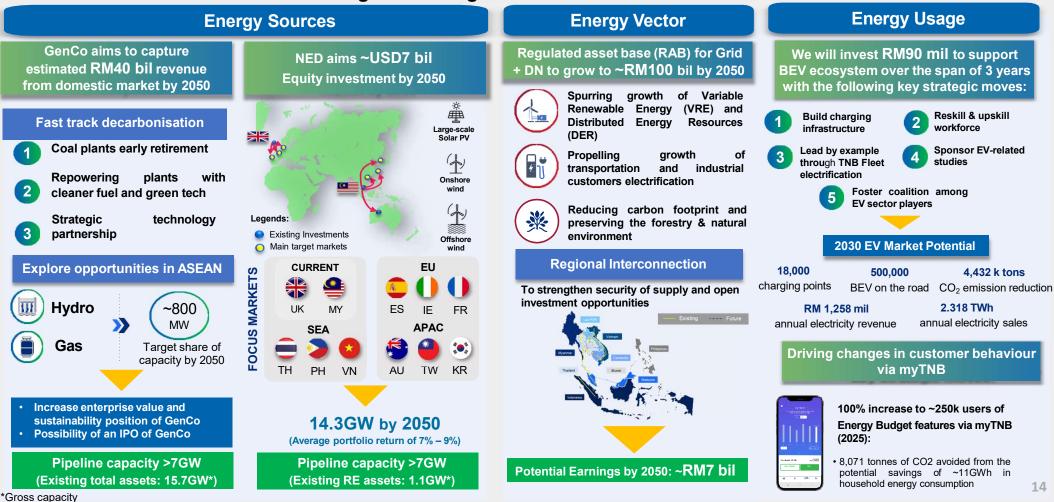


- Historically, Malaysia's generation mix was dominated by the use of oil as we transitioned into gas and then coal
- Moving forward, RE will grow significantly as costs rapidly decline
- Green Tech (Green Hydrogen, Gas + CCUS) will be a key lever in decarbonisation

TNB's Energy Transition Plan > Our growth story supports our ET agenda

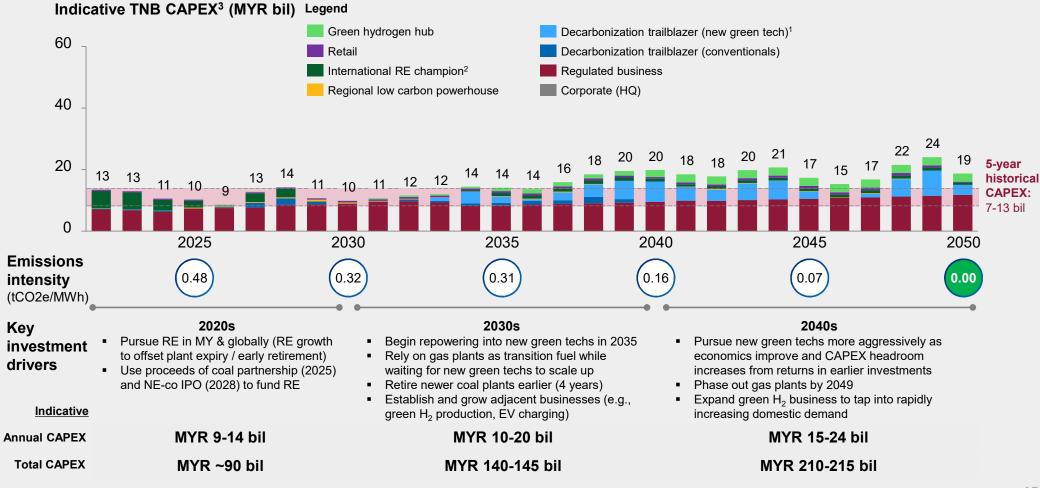
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TNB's fast-track sustainability agenda will see major shifts across the value chain in meeting our ESG commitment while ensuring business growth





Pathway will require investment of 10-20 bil MYR yearly over the next 30 years



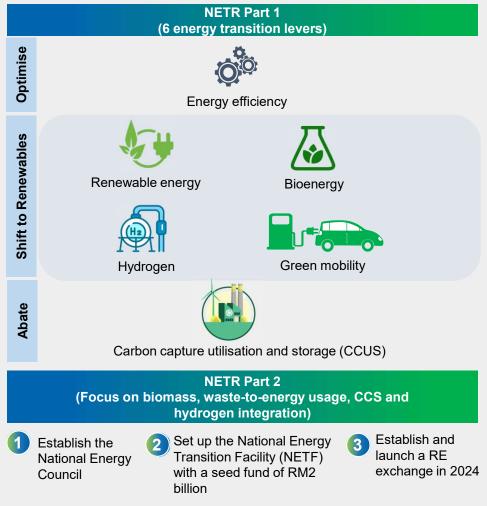
1. New green tech includes nuclear SMR, CCGT + CCUS, and green H2 CCGT; 2. RE includes solar and wind; 3. CAPEX accounts for equity stake; Source: Internal analysis,

National Energy Transition Roadmap (NETR) Capitalising on high-value green economy



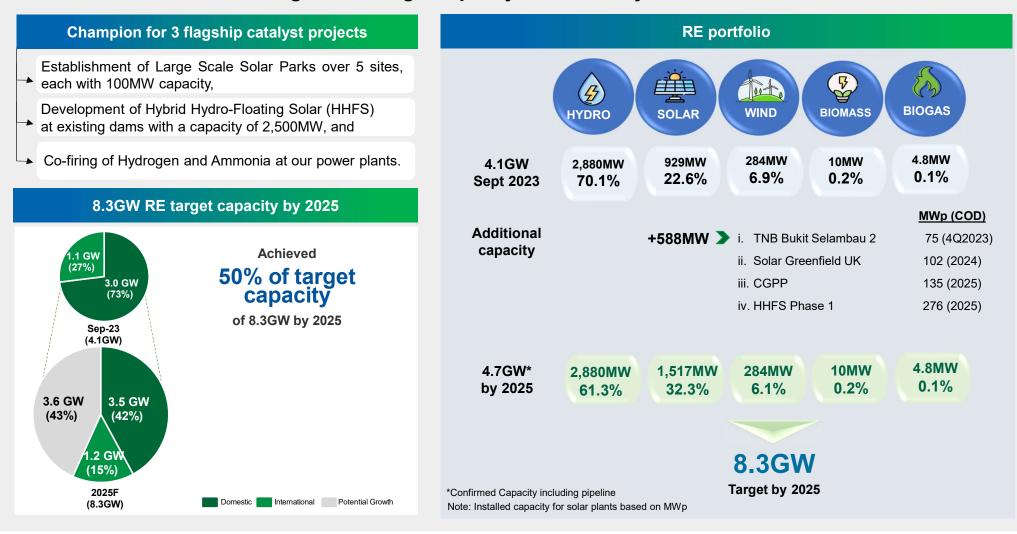


initiative.



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Outlook **RE Portfolio** We remain resolute in delivering our RE target capacity of 14.3GW by 2050



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Thank you

INVESTOR RELATIONS GROUP FINANCE DIVISION

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