



Unlocking Investment Potential in Energy Transition Projects

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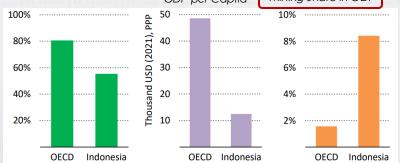
Board of Supervisory, Indonesia Investment Authority

Green Energy Financing Plays Important Role in Achieving Net Zero Emissions (NZE)

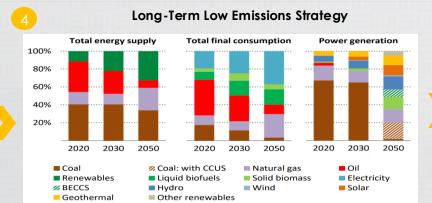






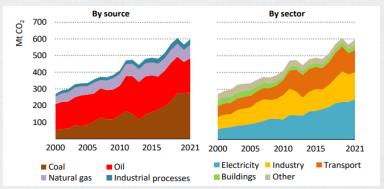


As Indonesia's GDP was heavily powered by fossil fuels, energy transition is mandatory

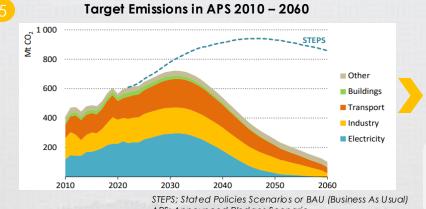


Coal as the **largest** contributor of emissions is taraeted to decrease

Energy sector CO2 emissions in Indonesia



In recent 11 years, coal-fired electricity has increasing trend



APS: Announced Pledges Scenario

After 2030, the trend of emission declines



- Paris Agreement or COP 1
- **Nationally Determined** Contribution
- 3. Net Zero Emissions 2060
- 4. UN 2030 sustainable development goals.





Source: International Energy Agency

- . Indonesia should enhance the green energy financing, such as renewable energy investment, to achieve Net Zero Emissions 2060 and comply with NDC
- 2. In investing in renewable energy, Indonesia would reduce the emissions, by lowering coal utilization in critical sectors, mainly in electricity usage, and others (transportation, and building)

Green Energy Financing for Electricity

Supply: (RUPTL) 2025-2034





Electricity Supply Business Plan 2025 - 2034

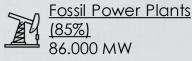
No.	Description	Unit	Indonesia	Sumatera	Java-Bali	Kalimantan	Sulawesi	MPN
1 Econo	omic growth	%	5.2	4.5	5.7	3.1	5.5	5.2
2Rever	nue growth	%	5.3	6.9	4.2	6.6	10.3	6.9
3Addit	ional power plant	MW	69,512	15,057	33,552	5,768	10,423	4,713
4Addit	ional Transmission	kms	47,758	11,155	13,889	9,812	9,019	3,883
5 Addit	ional Main Substation	MVA	107,950	28,410	59,730	8,080	9,670	2,060
6 Addit	ional Distribution Channel	kms	197,998	33,364	59,888	33,722	35,656	35,368
7 Addit	ional Distribution Substation	MVA	18,407	4,895	7,004	2,396	2,482	1,629
8 Addit	ional Customers	juta	16.4	2.9	6.6	1.4	3.4	2

There are the progressive target of power plant, transmission, main substation, distribution channel and distribution substation in 2025-2034

Installed Power Plants

Installed Power Plants 2024





Development Plan of Renewable Energy (MW)

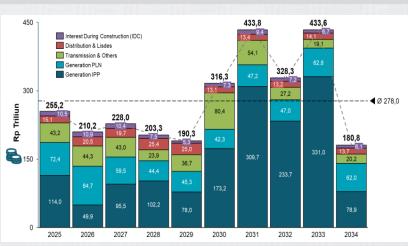
No	Jenis	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	Jumlah
1	PLTA/M*	754	592	439	823	588	794	3.571	1.929	1.375	825	11.690
2	PLTP	133	125	275	346	71	564	1.265	573	1.805	-	5.157
3	PLTS**	777	988	1.618	1.468	1.058	1.651	2.284	2.099	3.870	1.247	17.062
4	PLTB	-	350	372	485	293	1.265	930	922	1.570	1.000	7.188
5	PLT EBT Lain	15	21	13	258	307	278	24	25	32		973
6	PLTN	-	-	-	-	-	-	-	250	250		500
Jumlah		1.679	2.077	2.717	3.380	2.317	4.552	8.074	5.798	8.903	3.072	42.569

Solar power plant has a significant portion, followed by the other renewable energy power plants

Notes:

- 1. Energy storage system for renewable energy power plan 2023-2034 10.256 MW
- 2. Fossil power plant 2025-2034 16.687 MW

Estimation of Investment Needs for Electricity Projects



- 1. The generation IPP takes more portion for electricity projects.
- 2. Total fund of generation IPP is Rp1,566 trillion for 2025-2034 (US\$ 95B), excluding generation PLN, interest during construction, distributions & transmission & others
- 3. Therefore, investment plays more important role to generate electricity

Source: Electricity Supply Business Plan 2025 - 2034

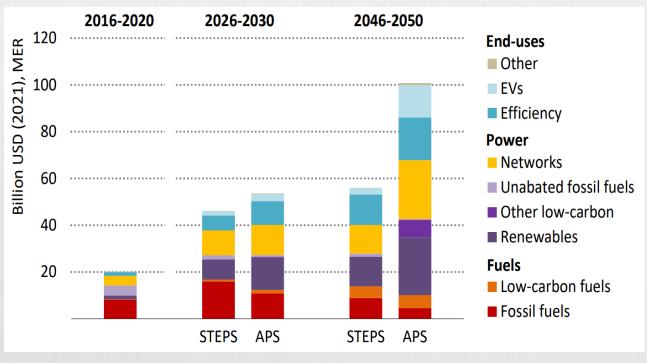
- 1. Green energy financing plays important role in achieving Electricity Supply 10-year Business Plan 2025 2034.
- 2. Total installed renewable energy (RE) power plants in 2024 was 15.100 MW (15% of the total). For 2025-2034, the target of RE power plant is 42.569 MW power plant (61% of the total) so it would be 57,669 MW RE (33.8%) and 112,943 MW fossil power plants (66.2%).
- 3. Renewable energy power plant has increasing trend in average for 2025-2034, dominated by solar power plant.
- 4. Investment in building the power plant is important since the IPP takes more portion in electricity projects for 2025-2034.

Potential Global Investors in Green Energy Financing





Energy Investment



STEPS; Stated Policies Scenarios or BAU (Business As Usual)

APS: Announced Pledges Scenario

Energy sector investment needs to increase by more than four- and-a-half-times by 2030 in the NZE, a pathway that is 70% more capital intensive than the APS pathway

Assets United States USD299 bn Asia ex- Japan USD67 bn Australia / NZ USD31 bn USD23 bn Canada USD31 bn 5,608 USD bn **United States** USD661 bn Asia ex- Japan USD539 bn Australia / NZ USD268 bn USD236 bn USD336 bn

United States

Canada

Australia / New Zealand

Europe

Japan

Asia ex- Japan

Global Sustainable Investors

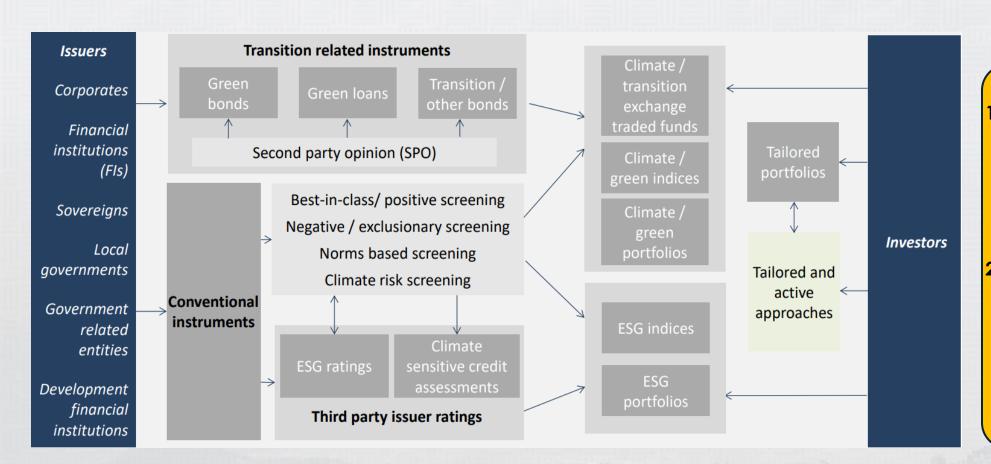
- 1. As an investment vehicle, SWF needs to strive to attract sustainable investors to fund energy transition projects.
- 2. Investors may invest in renewable energy, power networks, and end users efficiency to accelerate the decarbonization.

Source: International Energy Agency

Collaboration in Green Energy Financing: Risk-Return Appetite







- I. Financial sectors, SWFs, and private sectors would collaborate to finance green energy in order to achieve NDC and NZE 2060
- 2. To get more funding, the investee should enhance the aspects of environmental, social, and governance to elevate the higher ESG ratings

Source: OECD

Success Story from Green Bonds by Sovereign **Wealth Fund**









Commitment to



Green Finance Framework



June 2024

USD5.2 billion

USD1,75 bn

7 years

6 times

over-

USD33 bn

2nd

February 2023

USD5.5 billion

USD1,75bn

USD2bn

30 years

12 years

subscribed

October 2022

USD1,3 billion

First ever Green Bond of Sovereign Wealth Fund

- 1. As a SWF success story, PIF has successfully issued the green bonds to raise the funding
- This benchmark prove that INA is very potential to use green bonds to do funding

SWF Mobilizing Fund to Energy Transition Projects









Solar Power Plan 116 MW in Kalmykia in Southern Russia as the largest power solar plant in Russia (Equity Investment)



CDC Group, UK
Development Finance
Institution and Impact
Investor



Ayana Renewable Power, a leading Indian renewable energy platform (Equity Investment)





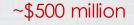








Innovative partnership for a US\$500 million distributed renewable energy (DRE) Nigeria Fund to develop and finance DRE rojects in Nigeria (Equity Investment)



Anchor investor into the IPO of Pertamina Geothermal Energy (Equity Investment)



- 1.SWF which has orientation for inward investment, such as in emerging countries (i.e. NIIF India, NSIA Nigeria) and developed countries (i.e. Russian Direct Investment Fund) have successfully attracted the fund to invest in their domestic projects
- 2. The projects should be commercial for the investors besides bringing developmental impacts

Challenges and Opportunities in the Energy Transition Projects





Indonesia faces some opportunities to solve some challenges arisen from climate transition and decarbonization efforts



Challenges

• Scaling climate technologies and building new capabilities can be high • Opaque regulations makes the investor reluctant to invest, leads to



Enhancing technological partnership

- Developing technologies suitable the Net Zero transition
- More advanced technology in Indonesia



Increasing the investment from prominent global investors

Due to especially ow-carbon transitions in energy, transport, cities, manufacturing and food

Opportunities



Larges potential revenue of minerals for battery

Indonesia is rich for nickel and supporting minerals, such as copper and tin



Strengthening high-value-added economy.

- High GDP and good impact on environment
- · Circular economies that recycle waste



More diversified prosperity

Green sectors diversifies the prosperity to more sustainable



More affordable electricity

Sustainable energy resources lower the cost



Fostering energy efficiency

Higher construction standards or retrofitting existing buildings



Better infrastructure and facilities

- Good water supply and sanitation services
- Transit-oriented development



Needs improvement of domestic capabilities

Lack of skills and knowledge to process raw minerals

Implementation of new technology is still expensive



Lack of research and development

Some example is in agriculture sector

expensive cost



Need more accommodating policy

- Unclear and opaque regulatory policies
- The implementation of current policy is already lagging
- The policy needs to address a whole stakeholders



Operational challenges had arisen

- Complex permitting and licensing procedures
- There is reluctancy for energy transition from corporate producing emissions



Some risk of investment in technology

Mismatch of time horizons between investment return and the climate condition



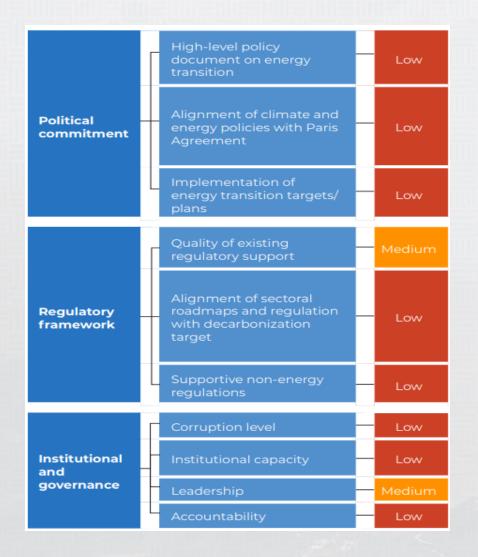
Political instability and law enforcement

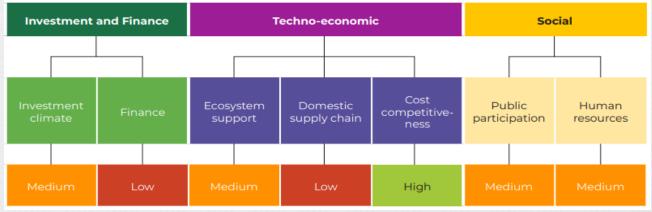
Investors need certainty for the projects

Improvement Area for Attracting Investors to Energy Transition Projects: Indonesia Context









Source: Indonesia Energy Transition Outlook 2025

- 1. To attract more foreign and domestic investors to participate in transition energy projects and strengthen investments in the energy transition sector, government need to refine:
 - a. Alignment of sectoral roadmaps and regulation with decarbonization target
 - b. Supportive non-energy regulations
 - c. Quality of existing regulatory support
- 2. Besides that, government should improve the techno-economic and social aspects
- 3. The key factor that may enhance the score/rating to high is participation of SWF (i.e INA) since it reflects the proxy of the government, especially in the green energy investment

Project Financing and Corporate Financing: Lenders View





	Project Financing	Corporate Financing			
Purpose	Financing specific projects with isolated risk	Managing overall corporate financial needs			
Assets	Assets of project	Entire companies			
Vehicle	Use Special Purpose Vehicle (SPV)	The Company			
Term	Usually long (more than 5 years)	Usually short (below 5 years)			
Typical Usage	Infrastructure, energy, large projects	General corporate operations			
Collateral	The project's (not the borrower's) assets and cash flows	The borrower's assets and cash flows			
Credit valuation	 Attractive Net Present Value (NPV) and Project Return Quality of project owner Key project contracts are completed 	Strong balance sheet of the project owner			
Risk Allocation	Limited recourse to sponsors	Full recourse to the company			
Repayment	From project – generated cash flows	From company-wide revenue			

- 1. Financing the business (renewable energy), there are 2 types of financing: a) project financing and b) corporate financing
- The suitability of the financing depends on some aspects, such as assets, vehicle, term, typical usage, collateral, credit valuation, risk allocation, and repayment capacity

Green Energy: Project Financing and Corporate **Financing**





Project Financing

Fund Usage

funds can be made The available step-by-step accordina to the project development and construction progress

Valuation

Fasier

Risk

Complex

Collateral

Project owner and the legal

contract

Lender **Benefit**

Focus to the project assets

Greenhouse **Gases Emission**

Carbon intensity of the energy created by the project

Reductions

Job creations

Job creation associated with

the single projects

Corporate Financing

The funds is usually drawn in stages the of project development until project completion

More complex

More complex

Company's asset and cash flow

Less focus to project assets

of all emission for reductions all underlying asset project companies

Job creation associated with all projects in the company

Example

Project Financing











€2.9bn project financina

The construction of five UK solar PV projects





Corporate Financina





- Green financing for renewable energy usually use project financing instead of corporate financing
- The project financing for renewable would give more benefit for project owner and lender

INA as SWF Attracting Global Investor to Green Investment





Investors should invest in renewable energy, power networks, and end users efficiency to accelerate the decarbonization

ĨΝΙΛ

INDONESIA INVESTMENT AUTHORITY

Profile

- Sui generis which is directly responsible to President
- Attracting FDI to finance National Project
- **Supervisory Board**: Minister of Finance, Minister of SOE, 3 prominent professionals
- Investment Grade Rating (BBB) Int'l (AAA) national by Fitch Rating (sovereign)
- Full Member of IFSWF

Mandate

- 1. Contribute to Indonesia's sustainable economic development
- 2. Build wealth for future generations

<u>Investment</u>

- 1. USD25 bn Commitments from partners
- 2. > USD4 bn cumulative investment deployment

<u>Unique</u> Strength

Total AUM
INA & Coinvestor (Rp

trillion)



Inspiring confidence as a coinvestor



2020

Acting as a conduit for foreign co-investment

2021

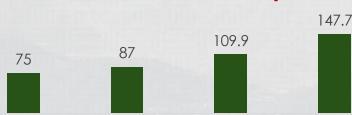


2022

Value creation & asset management

Structuring of

transactions

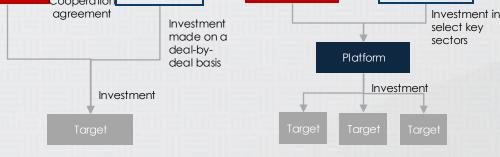




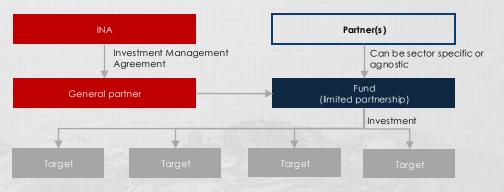
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<u>Scheme</u>





GP/LP Structure



INA Enhances Green Energy Investment: Technology Based and Nature-Based Framework







In achieving:

- 1. Paris Agreement or COP 1
- 2. Nationally Determined Contribution
- 3. Net Zero Emissions 2060
- 4. UN 2030 sustainable development goals.







Technology-Based

Nature-**Based**



Technology-Based

Use **technology** to produce renewable energy to reduce the emissions



Framework

- 1. Reduce carbon emissions
- 2. Increase quality life of people from sustainable energy
- 3. Enhance socio-economic growth



- 1. Support Indonesia in meeting its national targets (NZE and NDC)
- 2. Attract global investors
- 3. Enhance national productivity from sustainable electricity

Scheme

Geothermal company



Nature-Based

Preserve and enhance the value of nature to reduce the emissions

- 1. Absorb carbon emissions
- 2. Bolster biodiversity
- 3. Nurture socio-economic growth.
- 1. Assist Indonesia in meeting its national targets (NZE and NDC)
- 2. Attract global investment
- 3. Generate additional export opportunities where applicable,
- 4. Bring about positive outcomes for Indonesia's natural environments and its people.
- 1. Conservation
- 2. Improved land management
- 3. Restoration activities to increase carbon storage

Green Energy Investment of INA in Renewable Energy





Investment

Green Energy & Blue Economy







~\$500 million (2023)

Anchor investor into the IPO of Pertamina Geothermal Energy Indonesia Distribution



Green Energy

Geothermal energy



400 GWh

electricity generated per month

0.34 mtCO₂eq CO₂ offset per month

Mandate for National Development and Commercial Return

Green Energy & Blue Economy

Support **energy transition**

Monetize **natural capital** and unlock the potential of the **blue economy**

Expand and capitalize on **clean tech adoption**

- I. INA has
 implemented
 green financing
 by investing in
 the IPO of
 Pertamina
 Geothermal
 Energy
- 2. This investment is to support energy transition

INA in Green Energy Investment and EV Battery Ecosystem





Geothermal Investment



- INA together with Masdar Renewable Energy co-invest in Pertamina Geothermal Energy, taking PGE IPO process in 2023
- Total investment for INA and Masdar in PGE IPO reached US\$480 Mn where both INA and Masdar also have strong minority protection rights with option rights for future opportunities in renewable energy.





EV Battery Ecosystem

- The production from the first phase and the planned expansion of the Lithium Iron Phosphate (LFP) cathode material production facility by PT LBM Energi Baru Indonesia
- Located in Kendal Industrial Park (KIP)—one of Indonesia's largest industrial complexes with Special Economic Zone (SEZ) status—is poised to become the largest producer of LFP cathode globally outside of China.

Performance

- 1. PGEO successfully maintained its power generation levels in 2024,
- 2. PGEO plans to pursue organic growth initiatives to increase its capacity.
- 3. PGEO continued to maintain a strong and healthy EBITDA margin
- 4. PGEO has successfully integrated Environmental, Social, and Governance (ESG) principles across all of its operations,

Benefits

- 1. By 2030, Indonesia is anticipated to serve a market valued at nearly USD 10 billion in LFP cathode active materials, contributing meaning fully to the global transition toward clean energy.
- 2. Help position Indonesia as a key player in the global battery ecosystem.
- 3. Support Indonesia for long-term commitment to fostering economic resilience and advancing clean energy solutions
- 4. The creation of over 2,000 jobs, 92% of which are filled by local workers,
- 1. INA has attracted Masdar to invest in the IPO of Pertamina Geothermal Energy. INA has enhanced the performance of Pertamina Geothermal Energy, such as operation, financials, and ESG.
- 2. INA has a planned strategic investment partnership with Changzhou Liyuan New Energy Technology Co., Ltd. to make (LFP) cathode material production facility to support Indonesia as a key player in the global battery ecosystem.

INA's role in Attracting Investors for Green Energy Investment





Partnership



Scheme

Objective





- 1. Renewable energy
- 2. Green infrastructure sectors
- 3. Sustainable development
- 4. Financial inclusion



POLLINATION

Memorandum of Understanding (MoU) harnessing the power of nature-based solutions (NBS)

- 1. Absorb carbon emissions
- 2. Bolster biodiversity
- 3. Nurture socio-economic growth



Investment Framework Agreement (IFA)

- 1. Renewable energy
- 2. Green infrastructure
- 3. Climate resilience
- 4. Adaptation and related sectors.

- 1. INA has successfully attracted the prominent global investors, such as Norfund, Pollination, and British International Investment to invest in green energy investment.
- INA has effectively implemented the mandate to enhance sustainable development, such as accelerating NZE

Indonesia: Top 10 Green Bond Issuing Countries in the World and the Largest in Southeast Asia

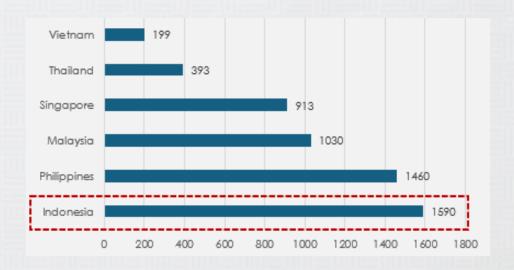




Value of Green Bonds (USD Bn)

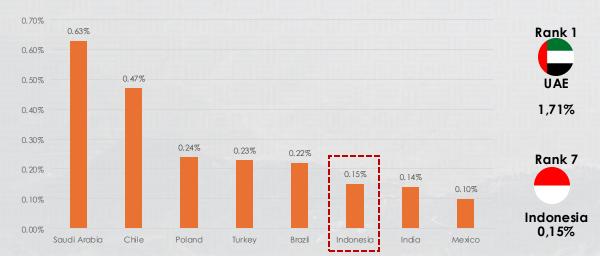


Green Bonds in South East Asia (USD million)





Portion of Green Bonds to GDP



- 1. Indonesia was placed on the 7th rank of Top 10 Emerging Market Green Bond Issuing Countries in the World in the aspects of issuing green bonds, portion of green bonds to GDP.
- 2. INA as SWF may potentially raise the green financing

Potential Green Financing for INA





Potential
Activities for
Green Bonds



Renewable Energy



Energy Efficiency



Mitigation and Controlling Pollution



Sustainable natural resources management and land utilization



Conservation of biological diversity of land and water



Environmentally Friendly Transportation



Sustainable water and waste management



Adaptation of Climate Change



Product with less resources utilization and producing less polution



Environmentally friendly building fulfilling standard and certification which is recognized nationally, regionally, and internationally



The other activities which is categorized as environmental friend with the relevant taxonomy

Source: POJK No. 18 Tahun 2023

INA Investees



Potential Green Financing



Green Bonds



Equity Investment

- . INA has potential to raise the fund through green financing
- 2. Furthermore, the fund may be deployed to the green energy investment, such as renewable energy

Conclusion and Recommendation





- Indonesia should enhance the green energy financing to achieve Net Zero Emissions 2060 and comply with NDC. Total installed renewable energy (RE) power plants in 2024 was 15.100 MW (15% of the total). For 2025-2034, the target of RE power plant is 42.569 MW power plant (61% of the total) so it would be 57,669 MW RE (33.8%) and 112,943 MW fossil power plants (66.2%).
- Green energy financing plays important role in achieving Electricity Supply Business Plan (RUPTL) 2025 2034 for 42.569 MW (33.2% of the total) renewable energy power plant and 10.256 MW energy storage system with around Rp1.1901 trillion from IPP generation
- 3 Green financing for renewable energy usually use project financing instead of corporate financing
- SWF would play significant roles to attract sustainable investors (strategic & financial) for funding energy transition projects, because it reduces risks with the same returns so as to bankable for lenders
- 5 Financial sector, SWF, and private sectors collaborate to do green energy financing in order to achieve NDC and NZE 2060



THANK YOU

PYC International Energy Conference 2025

Towards Visi Indonesia Emas 2045: Aligning Energy Security, Economic Growth, and Environmental Sustainability

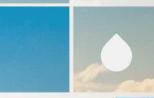
















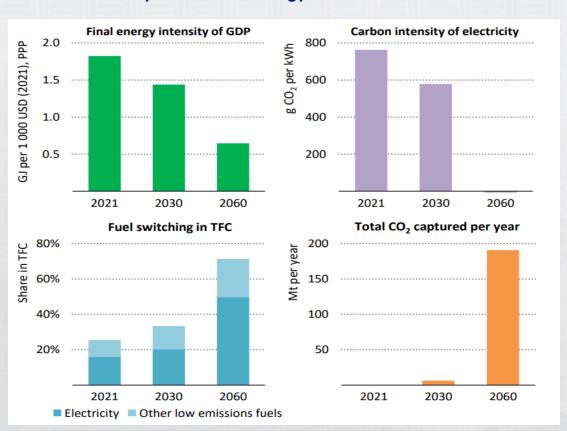
Investing in All Sustainable Projects as NZE Acceleration





Indonesia should enhance ESG investing, such as renewable energy and urban development, to achieve Net Zero Emissions 2060 and comply with NDC

Key Pillars of the Energy Transition to NZE



Fostering low-carbon electricity, fuel switching, and carbon capture is mandatory to reach NZE

Mitigation to Reduce Emission



Wind and Solar



Transport Electrification



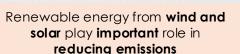
Building Efficiency



CCUS Power



Nuclear



Energy Investment



Renewables



Power Networks



End User Product Efficiency



Low Carbon Fuels

Electric Vehicles



Investing in renewable energy is crucial to lower the emissions and achieve NZE

Source: International Energy Agency

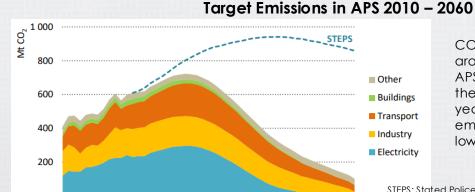
To accelerate NZE 2060, Indonesia should attract the global investment in renewable energy and the other low carbon efforts (Power Networks, End User Product Efficiency, and Electric Vehicles)

Key Sectors in Indonesia as Primed for Decarbonization





Sectors of energy, industry, transportation, and building play important role in boosting decarbonization



2040

2010

2020

2030

CO2 emissions peak around 2030 in the APS (10% lower than in the STEPS in the same year; by 2040 emissions are 10% lower than today

STEPS: Stated Polices Scenario or **Business As Usual** APS: Announced Policies Scenario or **Target**

Mitigation to Reduce Emission

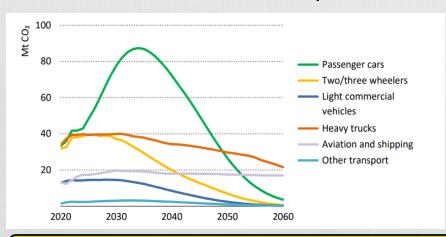


A wide range of emissions reduction measures are required to reach net zero, with low-carbon electricity and efficiency significantly contributing in the near term

Emissions from transportation in Indonesia

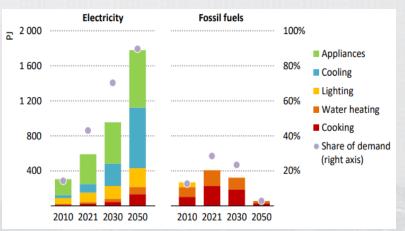
2060

2050



Emissions from all transportations peak by the mid-2030s and decline sharply to 2060, emissions from aviation and shipping are relatively consistent

Buildings sector electricity



Electricity rises from a 43% share of energy demand in 2021 to 90% in 2050 as the traditional use of biomass fades and appliances and equipment are added

Source: International Energy Agency

Benchmarking of Global Startups in Electric **Transportation**





The best startups in the world develops electric transportation and the supporting, such as their components (like batteries) and ecosystem (like charging stations)





Tesla

Accelerates the transition to electric mobility with a full range of increasingly affordable electric cars



\$20.2bn



WM Motor

Develops electric vehicle that isn't a bus, isn't slow, but IS a well-designed, 100% electric vehicle aimed at the mainstream market.



\$5.3bn



Rivian

Develops products and services to advance the shift to sustainable mobility.



\$14.3bn



Faraday Future

A design and technology company, develops global solutions that re-imagine transportation, content, and ownership.





Lucid Motor

A Silicon Valley company that designs, develops, and builds electric vehicles.



Vinfast

The first Vietnamese car brand to expand into global markets and produce EVs



\$4bn



Nio

Designs and develops electric autonomous vehicles.



\$9.6bn



VINFAST

Nikola Motors

Develops an architecture that could satisfy the power output needs and durability requirements of heavy-duty applications



\$3.4bn



Xiaopena

An electric vehicle and technology company that designs and manufactures smart cars.





Zenobe Energy

The largest independent owner and operator of battery storage in the UK.



\$2.9bn

Benchmarking of Global Startups in Building in **Electric Transportation**





Top global energy-efficient building startups are dedicated to developing innovative technologies and solutions for sustainable building design, construction, and operation



Redaptive

An energy-as-a-Service provider that funds and installs energy-saving and energygenerating equipment and manages energy use in buildings.



\$916.5mn





artificial intelligence with energy storage to help organizations automate energy cost savings and protect against changing rates.



\$582.6mn



Bloc Power

Offers smart, all electric heating, cooling, and hot water systems to building owners for no money down..



\$266.6mn



Urban Volt

energy-saving LED lighting firm. They retrofit commercial premises with LED lighting for no upfront cost.



€184mn



Atom Power

Built the world's first and only true solidstate circuit breaker.



Ice Energy

Ice Energy

Develops Ice Bear - thermal energy storage for air conditioning, that is lowering electric bills for businesses and homeowners, and reducing CO2 emissions.



\$132mn



Aeroseal

Design both air ducts and building envelopes so you waste less energy and reduce your bill



\$119mn

Solatube International

SOLATUBE Developed the system that revolutionized the way daylight was brought into a building.



\$119mn



ecoworks

Broad Group

Produces clean air-conditioning systems and other sustainability-oriented products to enhance building efficiency



\$119mn

Ecoworks

Uses industrial prefabrication, digital processes, and energy systems to modernise multi-family houses with up to four floors within a few weeks.



Benchmarking of Green Bonds in Indonesian Market





Indikator	Green Bonds I Bank BRI Phase II Year 2023 B Series	Obligasi Berwawasan Lingkungan Berkelanjutan I Bank BRI Tahap I Tahun 2022	Obligasi Berwawasan Lingkungan Berkelanjutan I Bank Mandiri Tahap I Tahun 2023	Obligasi Berwawasan Lingkungan Berkelanjutan I Oki Pulp & Paper Mills Tahap II Tahun 2023
Rating	idAAA (Triple A)	idAAA (Triple A)	idAAA (Triple A)	idA+
Tenor dan Indikasi Kupon	Seri A (1 Tahun): 5.80% - 6.40% Seri B (2 Tahun): 6.00% - 6.50% Seri C (3 Tahun): 6.10% - 6.60%	Seri A (1 Tahun): 3,70% - 4,50% Seri B (3 Tahun): 5,75% - 6,50% Seri C (5 Tahun): 6,45% - 7,25%	Seri A (1 Tahun): 5,50% - 6,00% Seri B (3 Tahun): 5,75% - 6,50% Seri C (5 Tahun): 5,95% - 6,95%	Seri A (1 Tahun): 6.50% – 7.00% Seri B (3 Tahun): 10.25% - 10.50% Seri C (5 Tahun): 10.75% - 11.00%
Nominal Target Penerbitan	Max Rp5 triliun	Max Rp5 triliun	Max Rp5 triliun	Max Rp500 miliar
Bidang Usaha	Finance	Finance	Finance	Pulp and Paper
Pembayaran Kupon	Setiap 3 bulan dengan metode 30/360 day basis			
Jaminan	Seluruh harta kekayaan Perseroan	Seluruh harta kekayaan Perseroan	Seluruh harta kekayaan Perseroan	Clean Basis
Rencana Penggunaan Dana	KUBL dan Modal Kerja	KUBL dan Modal Kerja	Min 70% KUBL	Energi dari biomassa dan produk limbah.
Minimum Pemesanan	Rp5 Juta dan kelipatan Rp5 Juta	Rp50 juta dan kelipatan Rp50 juta	Rp50 Juta dan kelipatan Rp50 Juta	Rp5 Juta dan kelipatan Rp5 Juta
Biaya Pemesanan	1%	1%	1%	1%
Pajak	10%	10%	10%	10%

- Coupon with range 3,7% 7% (1 year), 5,75% 10.25% (2 years), 5,95% 11% (3 years) with the payment every 3 months, through method of 30/360 day basis which is competitive rate
- Business line of the company is finance with pulp and paper in which the fund utilization, working capital, and renewable energy
- Target of issuance with range of Rp500 billion Rp5 trillion
- Subscription fee is 1%



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