

About Investor Relations Unit of the Republic of Indonesia



Investor Relations Unit (IRU) of the Republic of Indonesia has been established through a collaborative effort between the Coordinating Ministry of Economic Affairs, the Ministry of Finance and Bank Indonesia since 2005. The primary objective of IRU is to actively communicate Indonesian economic policies and to address the concerns of investors, particularly those in financial markets.

As an important part of its communication strategy, IRU maintains a website hosted under Bank Indonesia website, which is administered by the International Department of Bank Indonesia. However, day-to-day activities of IRU are supported by all relevant government agencies, among others: Bank Indonesia, Ministry of Finance, Coordinating Ministry for Economic Affairs, Ministry of Investment, Financial Services Authority, Ministry of State-Owned Enterprises, and The Committee for Acceleration of Priority Infrastructure Delivery.

IRU also actively engages with investors by organizing a monthly Investor Conference Call. Additionally, it promptly addresses inquiries through email and telephone channels. Furthermore, IRU may also facilitates direct visit of banks/financial institutions to Bank Indonesia and other relevant government offices. This multifaceted approach underscores the commitment of the IRU to foster transparent communication and address the needs of the investors.

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Executive Summary









The largest economy in Southeast Asia and 4th most populous country in the world



Solid economic growth supported by domestic demand. Regain the 5% growth momentum after pandemic



Inflation remains under control within the target corridor



Consistent implementation of structural reform and infrastructure development



Historically **prudent policy** dynamics and **track record of peaceful political transitions**

Despite challenging global developments, Indonesia's economic recovery momentum persists, driven by robust domestic demand. The country's economic performance has rebounded to pre-pandemic levels and is poised for further improvement, driven by enhanced growth prospects. Indonesia's robust economic growth was recorded in Q2 2024 at 5.05% (yoy) and is projected to accelerate further in 2024. In August 2024, inflation was recorded at 2.12% (yoy), lower than previous month, and remains within the target corridor of 2.5%±1%. The external sector remains resilient and robust, supported by ample reserves and a sound balance of payments, accompanied by a healthy external debt profile. In addition, solid budget performance continues, reflected by a narrower 2023 fiscal deficit with a surplus in the primary balance and prudent debt management. In 2024, fiscal policy is geared towards accelerating economic transformation along with a maintained fiscal discipline, with the fiscal deficit is targeted below 3% of GDP. From a monetary policy perspective, Bank Indonesia continues to strengthen its monetary policy response and innovation to enhance policy effectiveness in terms of controlling inflation and maintaining Rupiah stability. Financial system stability has also been maintained, and the banking intermediation function remains robust, thereby supporting economic growth. To promote strong, socially Inclusive, and environmentally friendly economic growth, the government consistently implementing the structural reform agenda, including infrastructure development, and improving the investment climate.

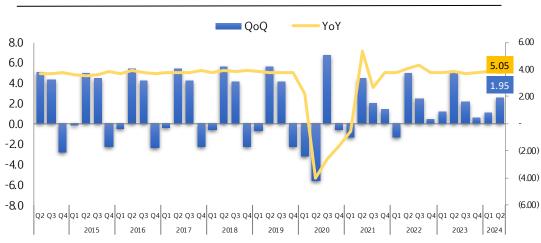
Rating Upda	te 2023-2024	
FitchRatings	BBB (Stable)	March 2024
Moody's	Baa2 (Stable)	April 2024
S&P Global	BBB (Stable)	July 2024
R&I Rating and Investment Information, Inc.	BBB+ (Positive)	July 2023
JCR	BBB+ (Stable)	March 2024

Indonesia has been recognized as a full Investment Grade country by all three major rating agencies, Fitch, Moody's and S&P. The recent rating affirmations in July 2024 has put Indonesia's SCR from three main rating agencies at the same level (one notch higher from the lowest investment grade level). These affirmations highlight Indonesia's macro stability, promising growth prospects, and confidence on policy continuity

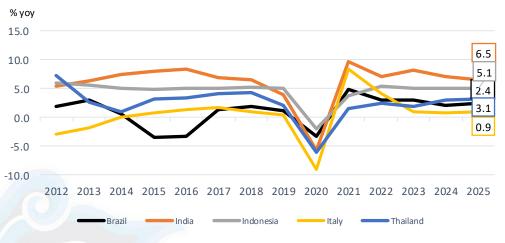
Indonesia's Economic Growth Remains Solid and Resilient, Supported by Domestic Demand



Strong GDP Growth¹



Favourable GDP Growth Compared to Peers²



- 1. Source: Central Bureau of Statistics of Indonesia (BPS), ** Including non-profit household consumption
- 2. Source: World Economic Outlook Database July 2024; * indicates estimated figure

Amidst increasing global uncertainty, Indonesia's economic performance remains solid and resilient to global spillover. Indonesia's economic growth in the second quarter of 2024 grew by 5.05% (yoy), continuing the positive performance of economic growth in the previous quarter of 5.11% (yoy). Sound performance recorded across most of economic sectors, particularly mining and quarrying manufacturing industry, wholesale and retail trade as well as supported by information and communication, financial and insurance services and other service.

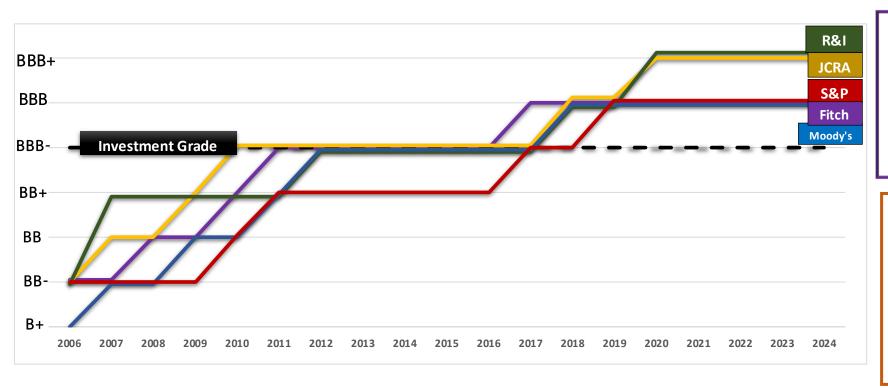
Spatially, the highest economic growth was recorded in the regions of Bali-Nusa Tenggara (Balinusra), followed by Sulawesi-Maluku-Papua (Sulampua), Kalimantan, Java, and Sumatra. Overall, economic growth in 2024 projected to be in the 4.7%-5.5% range, supported by domestic demand, particularly consumption ahead of the upcoming general election, and increasing investment, specifically building investment given the ongoing national strategic projects (PSN), including the new capital city (IKN) development.

2024 Growth Projection

Institutions	GDP growth 2024
2024 Budget	5.2
BankIndonesia	4.7-5.5
Consensus Forecast (Sep 2024)	5.1
World Bank (GEP, June 2024)	5.0
IMF (WEO, July 2024)	5.0
ADB (Asian Development Outlook, July 2024)	5.0

Affirmation on Indonesia's Sovereign Credit Rating Amid Global Economy Uncertainties and Election Year





FitchRatings

BBB / Stable

March 2024, Rating Affirmed at BBB/Stable

"Indonesia's rating balances a favourable medium-term growth outlook and low government debt/GDP ratio against weak government revenue and lagging structural features, such as governance indicators, compared with 'BBB' category peers."

S&P Global Ratings

BBB / Stable

July 2024, Rating Affirmed at BBB/Stable

"Indonesia's economic growth prospects will remain solid, external resilience and the government's debt burden will be maintained, supported by a credible monetary and fiscal policy framework."

R&I

BBB+/ Positive

September 2024, Rating Affirmed at BBB+/Positive

"R&I retains a high opinion of the Joko Widodo administration's prudent fiscal and monetary policies as well as the course of action it has taken to tackle the challenge coming from the structural issues facing the economy. The rating will be upgraded if R&I sees a sure sign that the new president will inherit the policy stance sought by the current administration and that the firm performance of the Indonesian economy and the improvement in fiscal position will be sustained under the new administration".



BBB+/Stable

March 2024, Rating Affirmed at BBB+/Stable

"The ratings mainly reflect the country's solid domestic demand-led economic growth potential, restrained public debt and resilience to external shocks supported by accumulation of foreign exchange reserves. JCR holds that the debt will gradually decrease as the fiscal balance improves mainly increased revenue from economic growth and higher commodity prices".

Moody's

Baa2/Stable

April 2024, Rating Affirmed at Baa2/Stable

"Indonesia's credit profile is supported by continued economic resiliency, backed by structural factors such as abundant natural resources and strong demographics, supporting stable and robust GDP growth, as well as by good policy credibility."

Continuous Improvement of Indonesia's Competitiveness Rank



Based on the IMD (Institute for Management Development) World Competitiveness Yearbook 2023 report, Indonesia's competitiveness ranking in 2023 is in 34th position out of a total of 64 countries. This rank has increased from 2022 (No. 44).

All factors have increased compared to 2022: Economic Performance (+13), Business Efficiency (+11), Government Efficiency (+4), and Infrastructure (+1)

No.	Country	2019	2020	2021	2022	2023
1	South Korea	28	23	23	27	28
2	Indonesia	32	40	37	44	34
3	Japan	30	34	31	34	35
4	India	43	43	43	37	40
5	Philippines	46	45	52	48	52
6	Mexico	50	53	55	55	56
7	Brazil	59	56	57	59	60



Factors	2019	2020	2021	2022	2023
Economic Performance	25	26	35	42	29
Government Efficiency	25	31	26	35	31
Business Efficiency	20	31	25	31	20
Infrastructure	53	55	57	52	51

Continuous Improvement of Indonesia's Governance Rank



Indicator	Country	Year	Percentile Rank (0 to 100)
Voice and Accountability	Indonesia	2012	
		2015	-
		2020	
		2021	-
		2022	
Political Stability and	Indonesia	2012	
Absence of		2015	
Violence/Terrorism		2020	
		2021	
		2022	
Government	Indonesia	2012	
Effectiveness		2015	
		2020	
		2021	
		2022	
Regulatory Quality	Indonesia	2012	
		2015	
		2020	
		2021	
		2022	
Rule of Law	Indonesia	2012	
Rule of Law	Indonesia		
Rule of Law	Indonesia	2012	
Rule of Law	Indonesia	2012	
Rule of Law	Indonesia	2012 2015 2020	
	Indonesia Indonesia	2012 2015 2020 2021	
Rule of Law Control of Corruption		2012 2015 2020 2021 2022	
		2012 2015 2020 2021 2022 2012	
		2012 2015 2020 2021 2022 2012 2015	
		2012 2015 2020 2021 2022 2012 2015 2020	

Note: Percentile rank among all countries (ranges from 0 (lowest) to 100 (highest) rank)

Source: Worldwide Governance Indicators, 2023 Update (www.govindicators.org)

To achieve the vision of advanced Indonesia in 2045 with the goal of Advancing Towards a Sovereign, Developed, Equitable, and Prosperous Indonesia, the Indonesian government is actively promoting reforms in institutions and bureaucracy, as well as strengthening the national legal system and anti-corruption measures. These efforts are evident in the improving governance indicators in Indonesia.

Based on the latest World Bank Worldwide Governance Indicators (WGI), Indonesia's governance rank indicates a continuous improvement for the last 10 years. One of the indicator, the Government Effectiveness, recorded highest percentile rank compared to other five indicators, which marked Indonesia on the 73rd rank out of 214 countries (previously placed on 75th rank in 2021). This achievement inline with the ongoing structural reform that has been implemented across the country.

The government effectiveness captures perceptions of the quality of public services, the quality of the civil service and the degree of its independence from political pressures, the quality of policy formulation and implementation, and the credibility of the government's commitment to such policies.

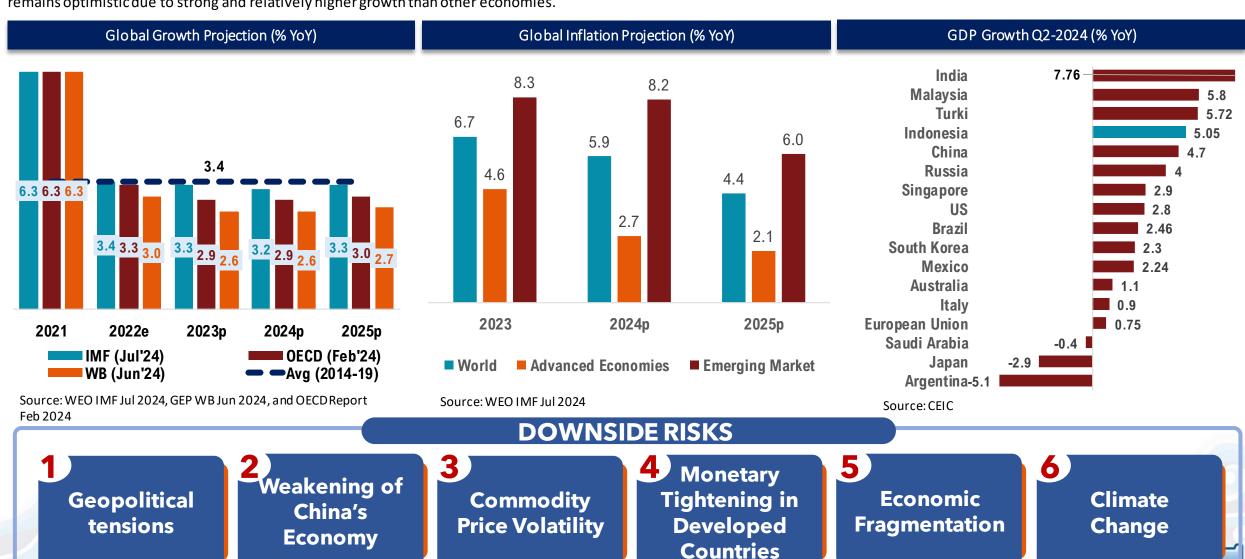
Meanwhile, corruption eradication indicators also indicate improvement, with a progressive increase in values over the past decade.



Global Conditions still Face a Number of Challenges Ahead



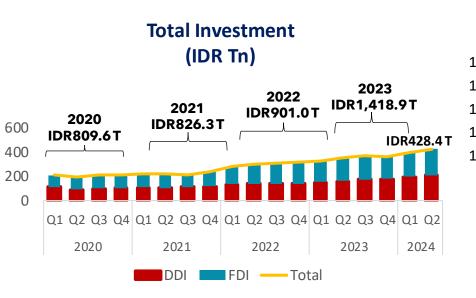
The global growth projection for 2025 is expected to slightly improve compared to 2024, with inflation starting to moderate. Although global risks causing uncertainty remain high, Indonesia remains optimistic due to strong and relatively higher growth than other economies.

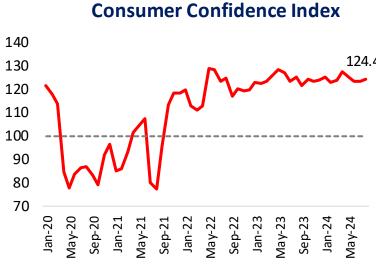


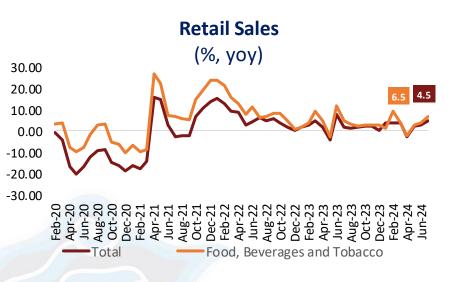
Indonesia's Leading Indicators Exhibit Favorable Outlooks

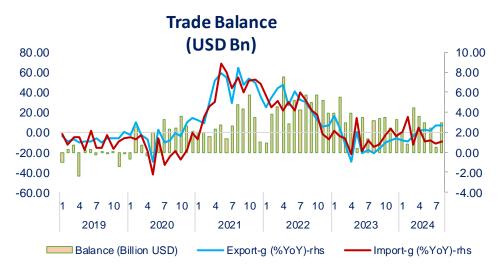














Short Term Mitigation and Policy Response Amidst Weakening Global Economic Prospect



Geopolitical Tensions:

Fragmentation, Protectionism, and War



- Increasing Economic Instability
- Widening of State Budget Deficit
- Widening the Current Account Deficit

Risk Mitigation and Policy Response

State Budget as Shock Absorber by Boosting Domestic Demand

Maintaining Household Consumption



Rice assistance program for low-income families, 10 Kg/Hh/Month until June 2024 and 10 kg/Hh/2 Months until December 2024 **Encouraging Investment**



Stimulus to Boost Property and Automotive Industry Sinergy of Real and Monetary Sector to Maintain the External Sector Resilience



- Issuing Presidential Decree No. 24/2023 concerning the Task Force for Increasing National Exports
- Issuing Government Regulations No. 36/2023 concerning Foreign Exchange Proceeds from Natural Resource Exports
- Expanding Local Currency Transaction (LCT) implementation
- Income Tax on Foreign Exchange from Export Earnings based on Presidential Regulation Number 22/2024

Economic Performance Remains Solid in 2024



GDP Growth Based on Expenditures (%, YoY)¹

	2018			2018				2019					2020					2021					2022*	;				20)24			
By expenditure	01	Q2	Q3	Q4	Tot	Q1	Q2	Q3	Q4	Tot	Q1	Q2	Q3	Q4	Tot	Q1	Q2	Q3	Q4	Tot	Q1	Q2	Q3	Q4	Tot	Q1	Q2	Q3	Q4	Tot	Q1	Q2
HH. Consumption	5.0	5.2	5.0	5.1	5.1	5.0	5.2	5.0	5.0	5.0	2.8	-5.5	-4.0	-3.6	-2.6	-2.2	6.0	1.0	3.6	2.0	4.4	5.5	5.4	4.5	4.9	4.5	5.2	5.1	4.5	4.8	4.9	4.9
Non profit HH. consumption	8.1	8.8	8.7	10.9	9.1	17.0	15.3	7.4	3.5	10.6	-5.0	-7.8	-1.9	-1.9	-4.2	-3.6	4.1	2.9	3.2	1.6	5.9	5.0	6.0	5.7	5.7	6.2	8.6	6.2	18.1	9.8	24.3	10.0
Governm ent consumption	2.7	5.2	6.3	4.6	4.8	5.3	8.2	1.0	0.5	3.3	3.9	-6.5	9.8	1.9	2.1	2.6	8.3	0.7	5.2	4.3	-6.6	-4.6	-2.5	-4.7	-4.5	3.3	10.5	-3.9	2.8	2.9	19.9	1.4
Gross Fixed Cap. Formation	7.9	5.8	6.9	6.1	6.7	5.0	4.6	4.2	4.1	4.5	1.7	-8.6	-6.5	-6.2	-5.0	-0.2	7.5	3.8	4.5	3.8	4.1	3.1	5.0	3.3	3.9	2.1	4.6	5.8	5.0	4.4	3.8	4.4
Exports	5.8	7.4	8.3	4.6	6.5	-1.1	-1.2	0.9	-0.6	-0.5	0.4	-13.6	-12.7	-7.4	-8.4	2.2	28.5	20.8	22.2	18.0	14.4	16.3	19.1	15.0	16.2	11.7	-2.9	-3.9	1.6	1.3	1.4	8.3
lm ports	12.5	15.2	14.2	7.4	12.1	-5.8	-5.9	-8.5	-8.1	-7.1	-6.0	-21.3	-25.0	-17.6	-17.6	5.2	33.2	31.1	32.6	24.9	16.1	13.1	25.7	6.5	15.0	4.2	-3.2	-6.8	-0.1	-1.6	1.9	8.6
GDP	5.1	5.3	5.2	5.2	5.2	5.1	5.1	5.0	5.0	5.0	3.0	-5.3	-3.5	-2.2	-2.1	-0.7	7.1	3.5	5.0	3.7	5.0	5.5	5.7	5.0	5.31	5.0	5.2	4.9	5.0	5.0	5.1	5.0

GDP Growth by Sector (%, YoY)

			2018	8				2019					2020					2021	t				2022*	*				2023	*		202	24**
By sectors	Q1	Q2	Q3	Q4	Tot	Q1	Q2	Q3	Q4	Tot	Q1	Q2	Q3		Tot	Q1	Q2	Q3	04	Tot	01	02	03	04	Tot	01	02	О3	04	Tot	01	02
Agriculture, forestry, and fishery	3.3	4.7	3.6	3.8	3.9	1.8	5.3	3.1	4.2	3.6	0.0	2.2	2.2	2.6	1.8	3.5	0.6	1.4	2.3	1.9	1.2	1.7	2.0	4.5	2.3	0.4	2.0	1.5	1.1	1.3	-3.5	3.2
Mining and Quarrying	1.1	2.6	2.7	2.2	2.2	2.3	-0.7	2.3	0.9	1.2	0.4	-2.7	-4.3	-1.2	-2.0	-2.0	5.2	7.8	5.2	4.0	3.8	4.0	3.2	6.5	4.4	4.9	5.0	7.0	7.5	6.1	9.3	3.2
Manufacturing	4.6	3.9	4.4	4.2	4.3	3.9	3.5	4.1	3.7	3.8	2.1	-6.2	-4.3	-3.1	-2.9	-1.4	6.6	3.7	4.9	3.4	5.1	4.0	4.8	5.6	4.9	4.4	4.9	5.2	4.1	4.6	4.1	3.9
Construction	7.4	5.7	5.8	5.6	6.1	5.9	5.7	5.6	5.8	5.8	2.9	-5.4	-4.5	-5.7	-3.3	-0.8	4.4	3.8	3.9	2.8	4.8	1.0	0.6	1.6	2.0	0.3	5.2	6.4	7.7	4.9	7.6	7.3
Wholesale and Retail Trade, Repair of Car and Motorcycle	5.0	5.2	5.3	4.4	5	5.2	4.6	4.4	4.2	4.6	1.5	-7.7	-5.1	-3.7	-3.8	-1.3	9.5	5.1	5.5	4.6	5.7	4.4	5.4	6.6	5.5	4.9	5.3	5.1	4.1	4.8	4.6	4.9
Transportation and Storage	8.5	8.7	5.7	5.5	7	5.4	5.8	6.7	7.6	6.4	1.3	-30.8	-16.7	-13.4	-15.1	-13.1	25.1	-0.7	7.9	3.2	15.8	21.3	25.8	17.0	19.9	15.9	15.3	14.7	10.3	14.0	8.7	9.6
Information and communication	7.8	5.1	8.1	7.1	7	9.1	9.6	9.2	9.8	9.4	9.8	10.8	10.7	11.0	10.6	8.7	6.9	5.5	6.2	6.8	7.2	8.1	6.9	8.7	7.7	7.1	8.0	8.5	6.7	7.6	8.4	7.7
Financial service	4.3	3.1	3.1	6.2	4.2	7.2	4.5	6.2	8.5	6.6	10.6	1.1	-0.9	2.4	3.2	-3.0	8.3	4.3	-2.6	1.6	1.6	1.5	0.9	3.8	1.9	4.5	2.9	5.2	6.6	4.8	3.9	7.9
Other Services*	5.4	6.2	6.7	6.4	6.2	6.8	7.3	6.4	6.2	6.7	4.6	-6.3	-1.4	-1.7	-1.2	-2.5	9.8	-0.8	3.4	2.3	3.3	4.0	7.9	4.9	5.0	4.5	7.1	3.3	4.9	5.0	9.4	5.6
GDP	5.1	5.3	5.2	5.2	5.2	5.1	5.1	5.0	5.0	5.0	3.0	-5.3	-3.5	-2.2	-2.1	-0.7	7.1	3.5	5.0	3.7	5.0	5.5	5.7	5.0	5.3	5.0	5.2	4.9	5.0	5.0	5.1	5.0

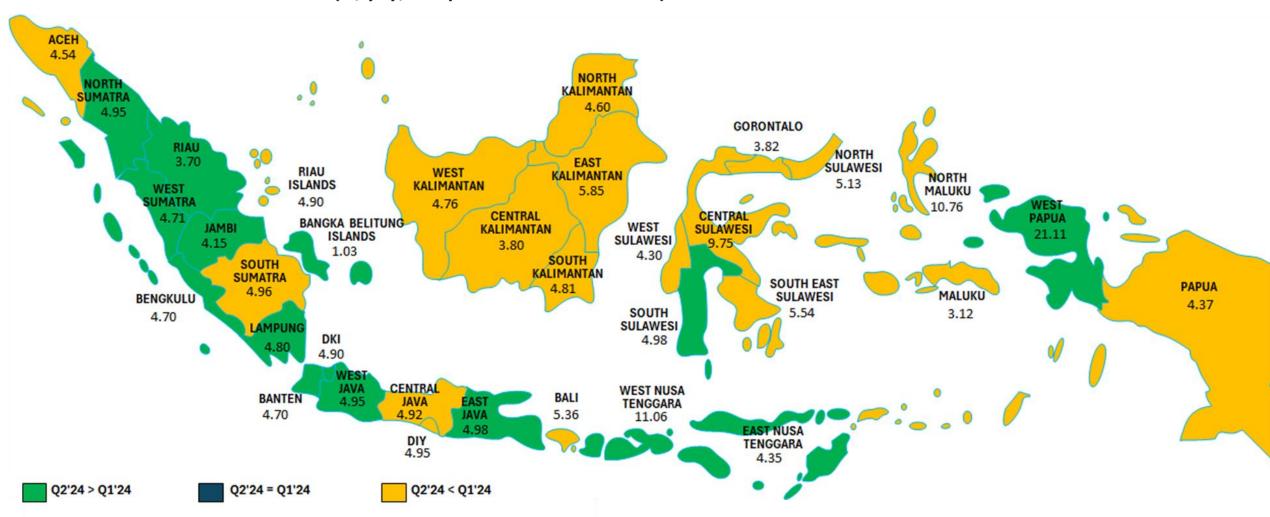
^{*}Other services consist of 10 sectors (according to Standard National 2008)

Growth of Regional Economic (GDRP) of the Second Quarter of 2024



In the second quarter of 2024, the economy grew 5.05% (yoy), down from 5.11% (yoy) in the previous period

Realization of GDRP Quarter II 2024 (%, yoy; compared to Quarter I 2024)



Source: BPS, calculated

Inflation Remains Under Control Within The Target Corridor



- Consumer Price Index (CPI) inflation in September 2024 still maintained at 1.84% (yoy) down from 2.12% in August 2024.
- Volatile food has been decreasing since March 2024.
 - ☐ Core inflation slightly increased to 2.09% (yoy).
 - □ Volatile food (VF) inflation continued falling to 1.43% (yoy) from 3.04% (yoy) the month earlier.
 - ☐ Administered prices decreased to 1.40% (yoy) from 1.68% (yoy) in August 2024
- Moving forward, Bank Indonesia is confident that CPI inflation will remain under control and within the target corridor.
 - ☐ Core inflation is projected to remain under control in line with anchored inflation expectations, massive economic capacity in response to domestic demand, low imported inflation in line with Rupiah stability by Bank Indonesia, as well as the positive impact of digitalization.
 - Bank Indonesia also expects VF inflation to remain manageable, underpinned by inflation control synergy between Bank Indonesia and the (central and regional) Government.

2024 Inflation Projection

Institutions	Inflation (%yoy) 2024
2024 Budget	2.8
Bank Indonesia	2.5%±1%
Consensus Forecast (Sep 2024) – average	2.7
IMF (WEO, April 2024) - end of period	2.6
ADB (Asian Development Outlook, July 2024)	2.8



West Nusa Tenggara 1.77

DKI Jakarta 1.70

Central Java 1.57 East Java 1.73 DI Yogyakarta 1.85

West Java 2.09

MALUKU-PAPUA Maluku 1.79

North Maluku 3.56

Papua 0.82

South Papua 1.60

Central Papua 3.83

^{*}According to inflation data published by BPS-Statistics Indonesia based on the Cost-of-Living Survey (SBH) using 2022 as the new base year

Synchronized Policies to Strengthen Inflation Controlling Efforts



Indonesia's inflation achievements in 2022 and 2023 resulted from solid coordination and synergy between various institutions through TPIP-TPID. The 4K strategy and synchronized policies will continue to be implemented in 2024 to ensure inflation within the target range.

MONETARY POLICY

Support for pro-stability and pro-growth monetary policies

- Stabilization of the Rupiah exchange rate through intervention in the foreign exchange market on spot transactions, Domestic Non-Deliverable Forward (DNDF), and Government Securities (SBN) in the secondary market:
- Monetary operations including optimization of Bank Indonesia Rupiah Securities (SRBI), Bank Indonesia Foreign Currency Securities (SVBI), and Bank Indonesia Foreign Currency Sukuk (SUVBI)



FISCAL POLICY

Optimization of State Budget as shock absorbers

- Energy Subsidies and Compensation
- Food Security Budget including optimization of Government Rice Reserves (SPHP distribution)
- Social Assistance Program, including food assistance
- Fiscal Incentives allocation for controlling regional inflation
- Food distribution facilitation
- · Optimization of APBD and BTT

INFLATION CONTROL EFFORTS

K1

Price Affordability



- Improving the implementation of cheap market operations/easy food movements and the Food Supply and Price Stabilization (SPHP) program
- Food assistance, social protection, subsidies and energy compensation



Supply Availability



- Strengthening Government Food Reserves (CPP) >
 CBP is maintained at around 1.2 million tons
 throughout the year
- Access to KUR financing and Agricultural Machinery Credit
- Provision of subsidized fertilizers



Smooth Distribution

Facilitating the distribution of strategic food commodities



- Optimizing the sea toll program to reach 3TP areas
- Providing assistance for logistics costs



Effective Communication



- Orchestration of TPID for regional inflation control efforts by the Ministry of Home Affairs through weekly coordination meetings
- Implementation of TPIP-TPID Coordination Meetings per region which are carried out back to back with GNPIP.



INFLATION REALIZATION 2023 2.61%

(within 3.0±1% target)



- Maintaining core inflation
- Maintaining volatile food inflation between 3-5%
- Managing administered price inflation

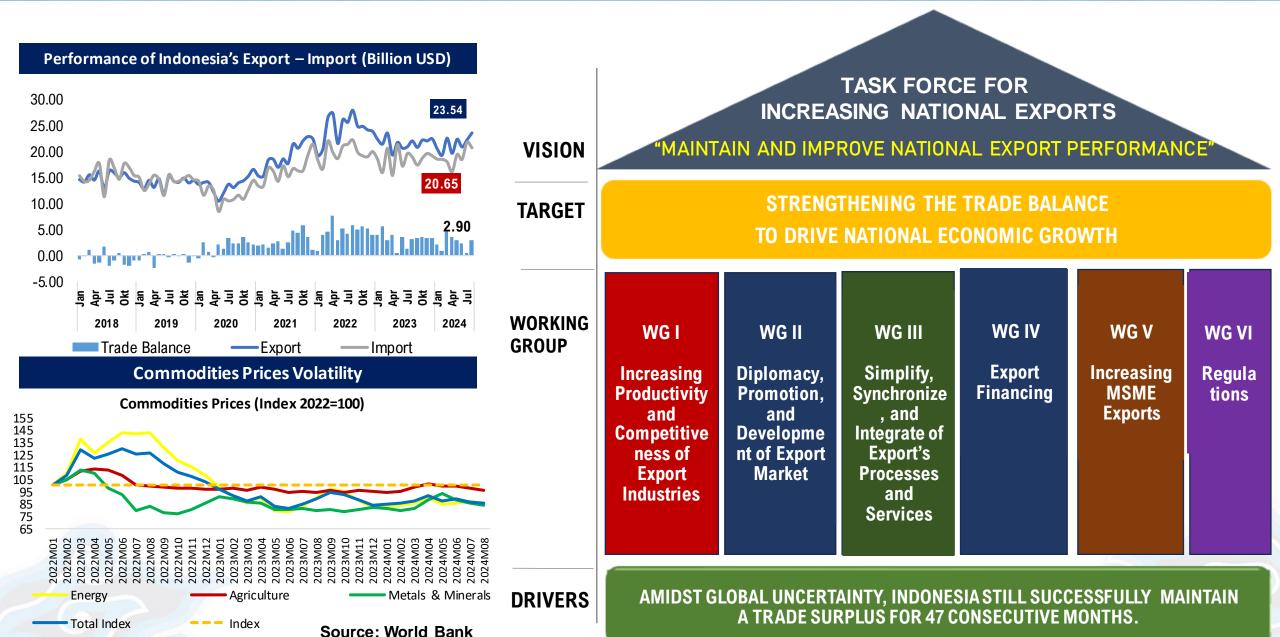


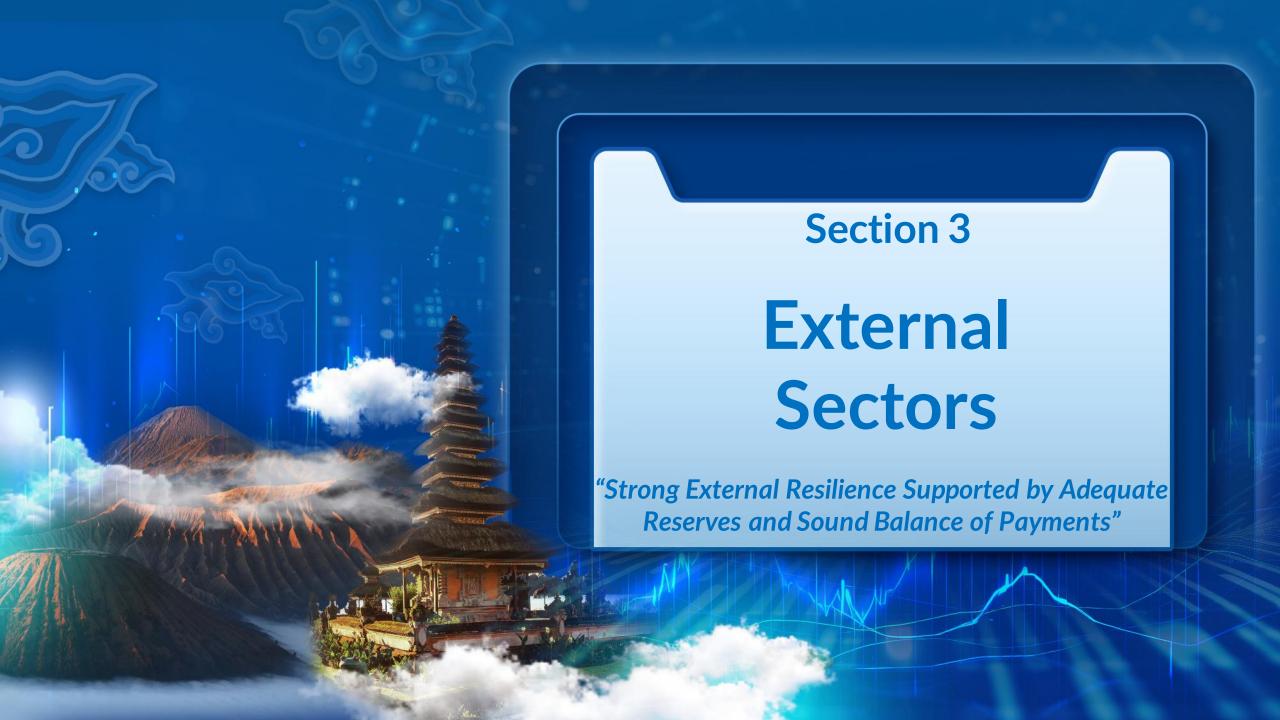
President's Directions on Inflation Control Strategy

- Strengthening food production by optimizing irrigation infrastructure to anticipate the impact of climate change.
- Accelerating the application of research-based technology in supporting agricultural digitalization (smart agriculture).
- Encouraging investment to increase the added value of agricultural products.
- Upgrading Integrated logistics systems and infrastructure to support smooth distribution and efficient supply chains between regions.
 - Strengthening synergy and coordination between central and regional institutions to support inflation control efforts.

Task Force for Increasing National Exports to Strengthen Trade Balance





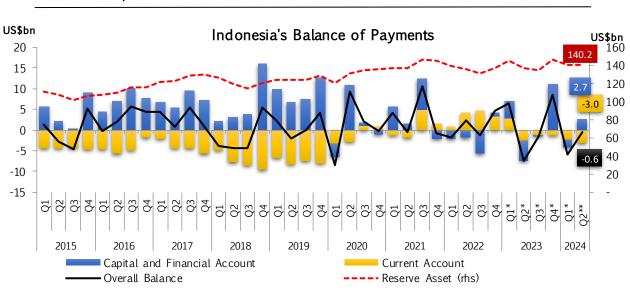


External Sector Remains Resilient

... Supported by Adequate Reserves and Sound Balance of Payments

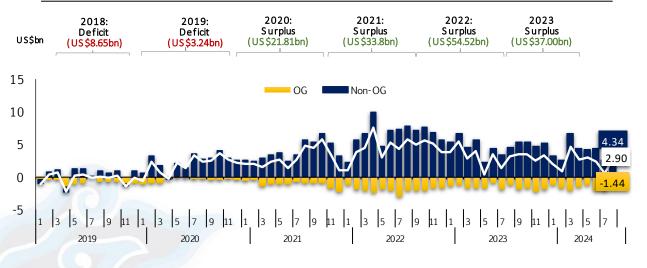


Balance Of Payment Remains Solid

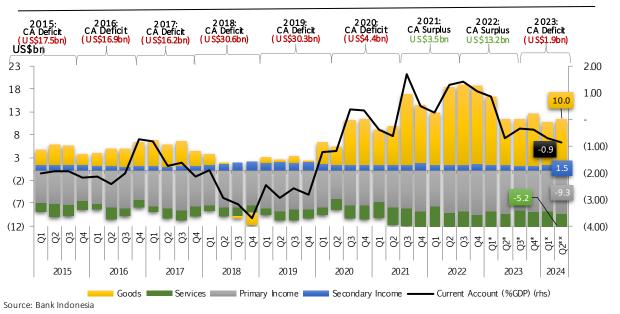


Source: Bank Indonesia

Trade Balance Surplus Continues



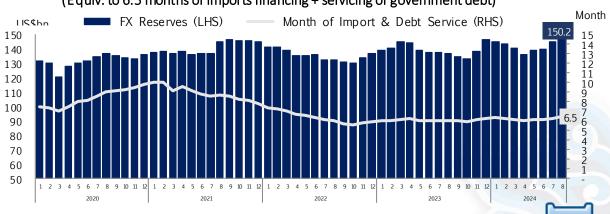
Current Account Recorded Low Deficit



Official Reserve Assets Increased to Reinforce External Sector Resilience

Source: Bank Indonesia

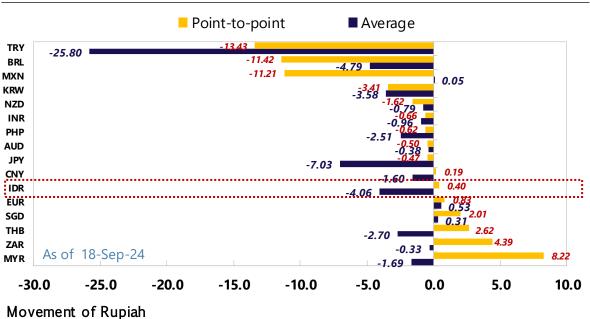
FX Reserves as of August 2024: US\$150.2bn (Equiv. to 6.5 months of imports financing + servicing of government debt)

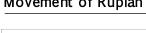


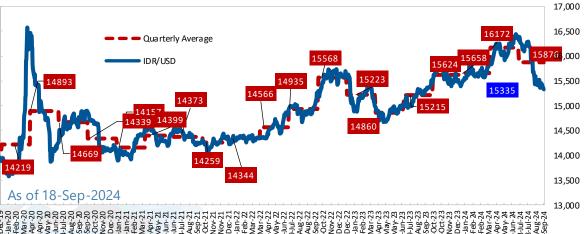
Exchange Rate Movement In Line With BI Stabilization Measures



Rupiah Exchange Rate Volatilty







- The Rupiah is appreciating in response to Bank Indonesia monetary policy mix consistency, coupled with an influx of foreign capital inflows. The Rupiah in September 2024 (as of 17th September 2024) appreciated to Rp15,330/USD, improving 0.78% on the position recorded at the end of August 2024. Rupiah appreciation has outperformed other regional currencies, including the South Korean won and Indian rupee that appreciated by 0.32% and 0.13%, respectively. Compared with the level recorded at the end of December 2023, therefore, the Rupiah has appreciated 0.40% in contrast to the depreciation experienced by the Indian rupee and South Korean won at 0.66% and 3.41%.
- Moving forward, the Rupiah exchange rate is projected to continue strengthening in line with attractive yields, low inflation and the promising economic growth outlook for Indonesia, as well as Bank Indonesia's firm policy commitments.
- Bank Indonesia continues optimising the full panoply of monetary instruments available, which includes strengthening its pro-market monetary operations strategy through the SRBI, SVBI and SUVBI instruments to boost policy effectiveness in terms of attracting foreign capital inflows and supporting efforts to strengthen the Rupiah exchange rate.

Ample Lines of Defense Against External Shocks



Bilateral, multilateral and regional international financial cooperation are also resulting in more ample lines of defense against external shocks

Ample Reserves

FX Reserve

- Ample level of FX reserves to buffer against external shock
- FX Reserves as of of August 2024: US\$150.2 bn

Swap Arrangement

	Japan
ra	Singapore
Bilateral	China
	Malaysia
	Korea

- Renewed a 3-year USD22.8 billion swap line with Japan in October 2021
- The facility is available in USD and JPY
- Renewed a 1-year SGD/IDR swap arrangement with the size up to SGD 9.5 bn / IDR 100 tn (equivalent) in November 2023
- Renewed a 3-year swap arrangement and increased the size of swap line up to CNY 250 bn / IDR 550 tn (equiv.) in January 2022
- Renewed a 3-year RM/IDR swap arrangement with a size up to RM 8 billion / IDR 28 trillion (equiv.) in September 2022
- Renewed a 3-year BCSA with the Republic of Korea amounting to KRW10.7 trillion or Rp115 trillion (equiv) in March 2023

Regional

Chiang Mai Initiative Multilateralization (CMIM) Agreement

- Entitled to a maximum swap amount of US\$ 22.76 bn under the ASEAN+3 (Japan, China, and Korea) FX reserves pool created under the agreement
- Came into effect in 2010 with a pool of US\$120 bn
- Doubled to US\$240 bn effective July 2014

IMF Global

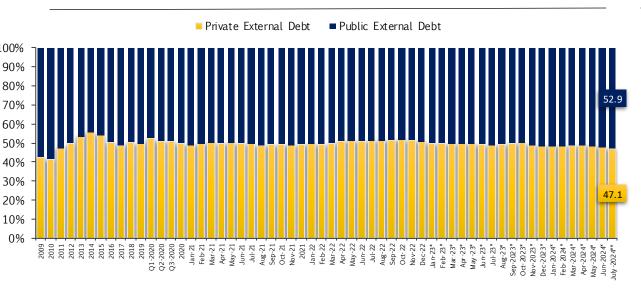
Financial Safety

Net - GSFN

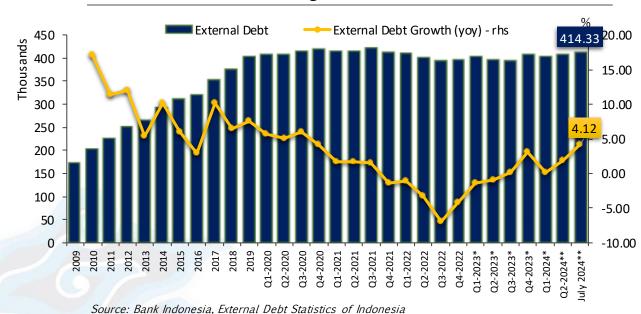
- Indonesia is entitled to access IMF facilities for crisis prevention to address potential (actual) BOP problem
- Such facilities include Flexible Credit Line (FCL) and Precautionary and Liquidity Line (PLL)

Healthy External Debt Profile

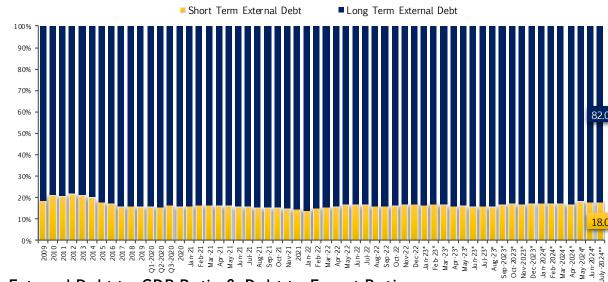
External Debt Structure



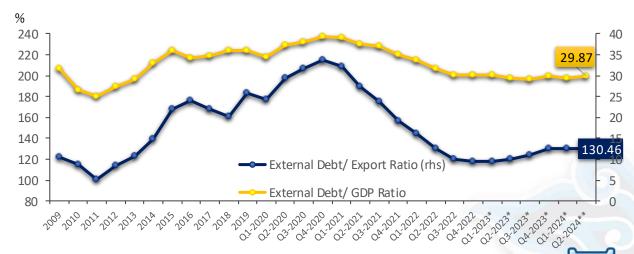
External Debt Remains Manageable



The Structure of External Debt is Dominated by Long-Term Debt



External Debt to GDP Ratio & Debt to Export Ratio

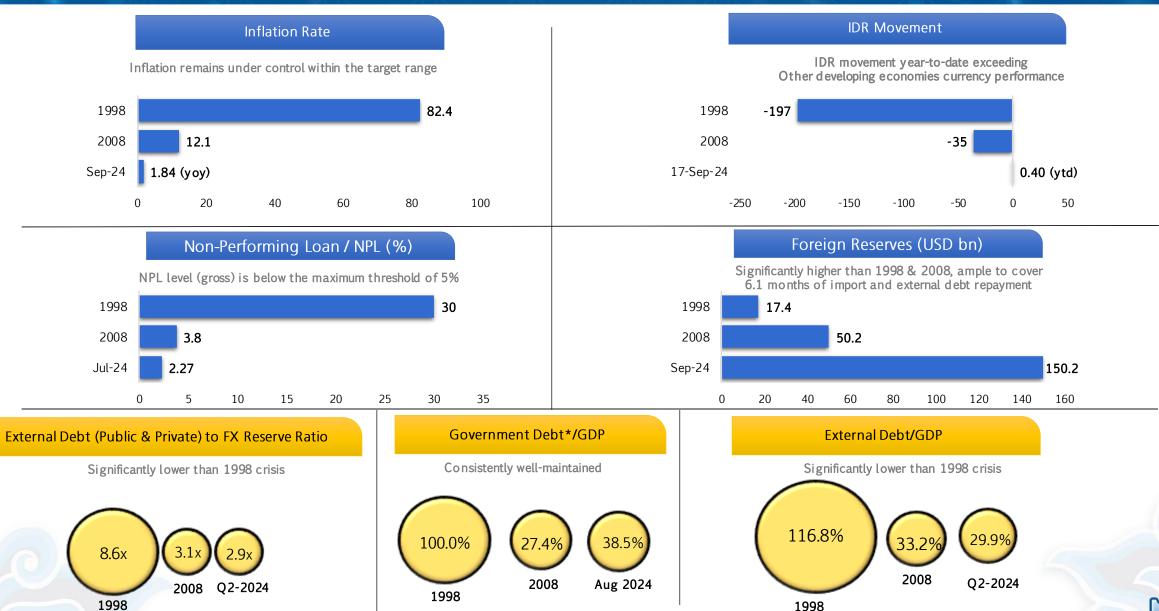


*Provisional Figures

**Very Provisional Figures

Solid Fundamentals Facing the Headwinds



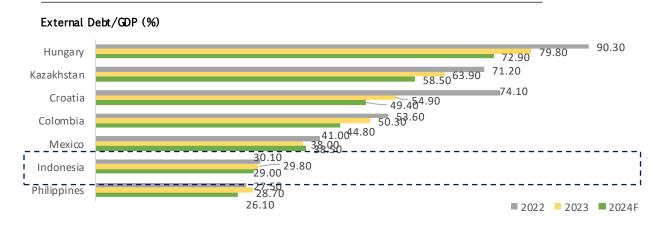


*) Domestic & Forex

Strengthened Private External Debt Risk Management



Lower Debt Burden Indicator (External Debt/GDP) Compared to Peers Rating

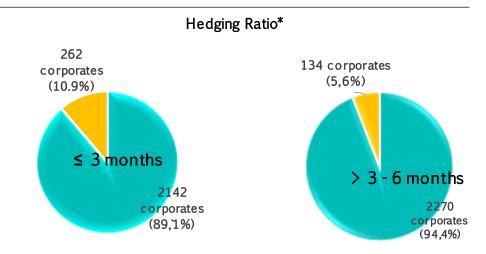


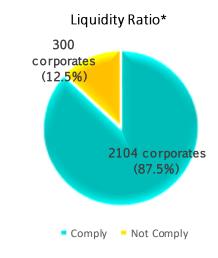
Source: Moody's Credit View Fundamental Data, May 2024

Regulation on Prudential Principle in Managing External Debt

Regulation Key Points	1 Jan 17 & beyond
Object of Regulation	Governs all foreign currency Debt
Hedging Ratio	
≤3 months	25%
> 3 – 6 months	25%
Liquidity Ratio (≤ 3 months)	70%
Credit Rating	Minimum rating of BB- (State-owned Enterprises)
Hedging transaction to meet hedge ratio	Must be done with a bank in Indonesia
Sanction	Applied

Encouraging Corporates Compliance on Hedging Ratio & Liquidity Ratio





*Data as of Q1-2024, with total population 2,404 corporates

Source: Bank Indonesia

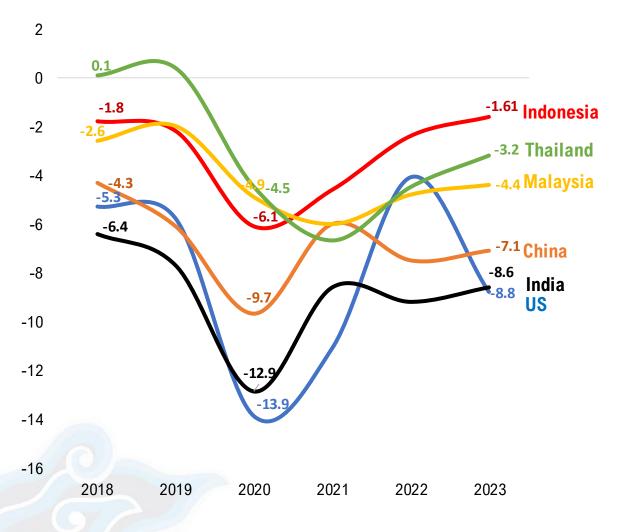


Indonesia is Among Few Countries with Improving Fiscal Position

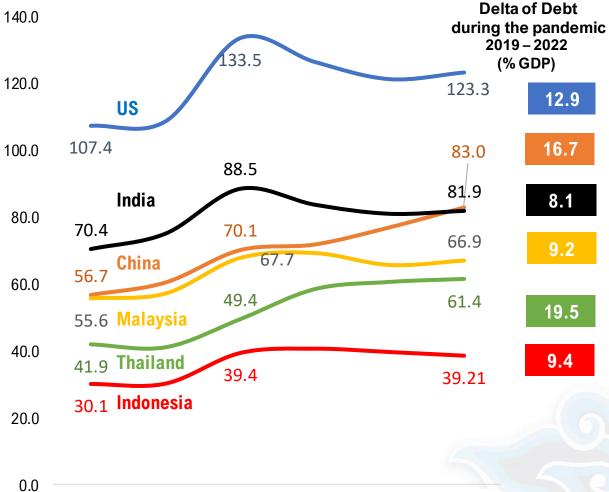
During the pandemic, the deficit was substantially widened, but quickly improved with stronger economic activities





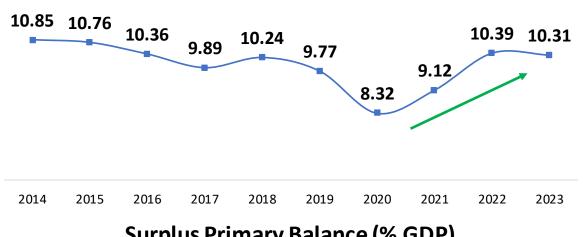




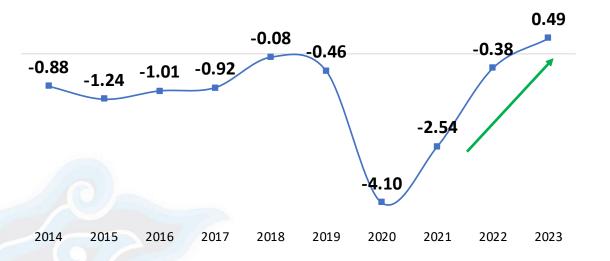




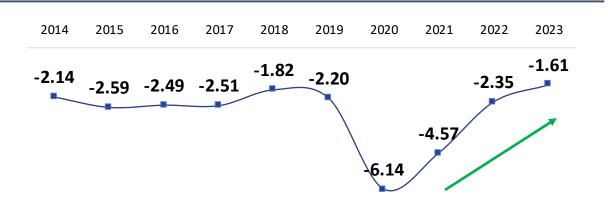
Tax ratio increases in line with stronger recovery (% GDP)



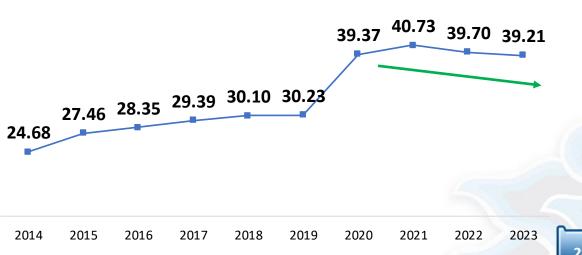
Surplus Primary Balance (% GDP)



Overall budget position improved significantly (% GDP)



Debt Ratio Declines(% of GDP)



2024 Budget Performance Focused on Expediting Inclusive and Sustainable Economic Transformation

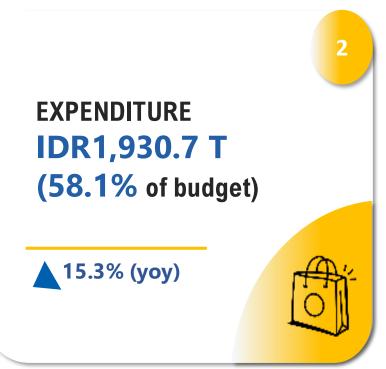
		2	023			20	24	
Account (IDR Tn)	Budget	Real. as of August 31	Growth (%)	Audited	Budget	Real. as of August 31	% to Budget	Growth (%)
Revenue	2,637.2	1,822.1	3.3	2,783.9	2,802.3	1,777.0	63.4	(2.5)
Tax Revenue	2,118.3	1,418.5	2.9	2,154.2	2,309.9	1,379.8	59.7	(2.7)
1. Tax	1,818.2	1,247.0	6.4	1,867.9	1,988.9	1,196.5	60.2	(4.0)
2. Costume and Excise	300.1	171.6	(16.8)	286.3	321.0	183.2	57.1	6.8
Non Tax Revenue	515.8	403.0	4.4	612.5	492.0	383.8	78.0	(4.8)
Expenditure	3,117.2	1,674.7	1.1	3,121.2	3,325.1	1,930.7	58.1	15.3
Central Government Expenditure	2,302.5	1,170.8	(0.6)	2,239.8	2,467.5	1,368.5	55.5	16.9
1. Line Ministries Spending	1,000.8	581.6	1.0	1,152.2	1,090.8	703.3	64.5	20.9
2. Non-Line Ministries Spending	1,301.6	589.1	(2.2)	1,087.6	1,376.7	665.2	48.3	12.9
Transfer to Region	814.7	503.9	5.2	881.4	857.6	562.1	65.5	11.6
Primary Balance	(38.5)	422.3	23.3	102.6	(25.5)	161.8	(634.5)	(61.7)
Surplus (Deficit)	(479.9)	147.5	36.7	(337.3)	(522.8)	(153.7)	29.4	(204.2)
% to GDP	(2.27)	0.71		(1.61)	(2.29)	(0.68)		
Financing	479.9	161.1	(44.0)	356.7	522.8	291.9	55.8	81.2

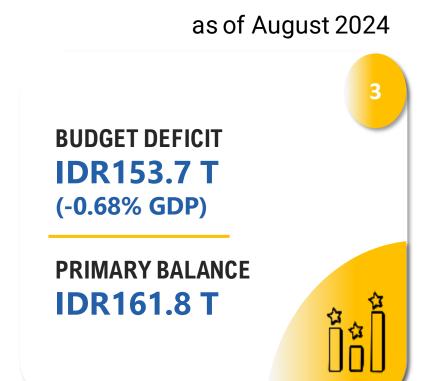


2024 Budget Performance is Well Maintained

Supported by Optimal Government Expenditure







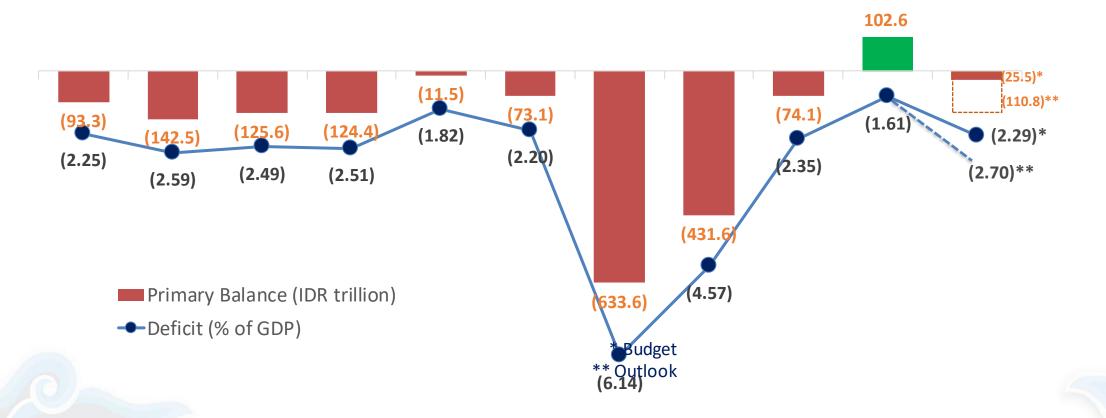
State Budget Deficit 2,70% GDP



State Budget Deficit Decreases in Line with Fiscal Consolidation to Support Fiscal Sustainability







Direct Benefits of Central Government Expenditures to the Public



Social Security

- PKH IDR17.7 T for 10mio family beneficiaries
- Staple Food Card IDR28.0 T for 18.7mio family beneficiaries



Education

- Indonesia Smart Program IDR8.9 T for 11.2mio students
- Indonesia Smart Card for Higher Education IDR7.0 T for 875.0K students
- School Operational Assistance (Ministry of Religious Affairs) IDR7.4 T, for 6.4mio students
- Operational Assistance for State UniversitiesIDR 3.6 T, for 197 Universities



Infrastructure

Infrastructure Development/Rehabilitation IDR94.1 T, including roads, bridges, railway tracks, airports, ports, dams, irrigation networks, water supply systems, apartment complexes, higher education buildings, and satellite capacity



National Health Insurance Contribution Assistance Beneficiaries IDR27.0T for 96.7mio participants



Energy Affordability

- Fuel Subsidy IDR10.4 T for 8.66mio KL
- LPG 3 Kg Subsidy IDR40.4 T for 4.02mio MT



Agriculture

- "Pre-harvest agricultural machinery and equipment assistance (Tractor, Water Pump, Hand Sprayer, and Rice Transplanter) IDR1.0 T for 42,391 unit
- Fertilizer subsidy IDR6.3 T for 3.8mio ton fertilizers



SMEs

KUR interest rate subsidy IDR18.1 T for 2.8mio debtors



The Support of the National Budget to Regional Budgets through Transfer to Region Increases

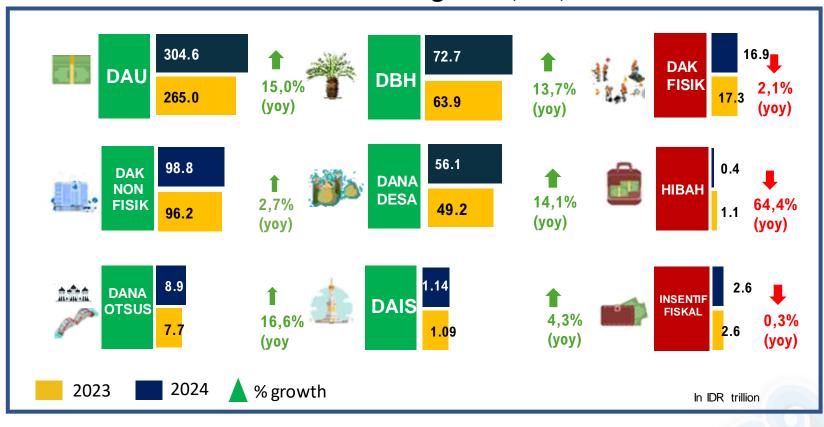


The realization of the distribution of Transfer to Region (TKD) (yoy)



The realization of TKN in August 2024 reached IDR562.1 T or 65.5% of the state budget allocation and grow 11.6% (yoy).

The realization or disbursement of TKD as of Aug 2024 (IDR T)



Tax Revenue until August 2024 amounting to IDR 1,196.54 T (60.16% of Target)



Breakdown of Tax Revenue until August 2024

Non-Oil-and-Gas Income Tax

IDR665.52 T

(62.58% of target)

Gross **7**-2.46%

Land and Building Tax, and Other Tax

IDR15.76 T

(41.78% of target)
Gross 434.18%

VAT and Sales Tax on Luxury Goods

IDR470.81 T

(58.03% of target)

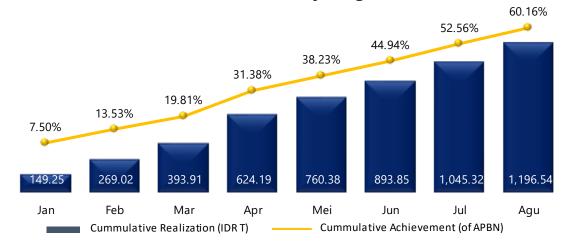
Gross **A** 7.36%

Oil and Gas Income Tax

IDR44.45 T

(58.20% of target)
Gross -10.23%

Tax Revenue January-August 2024





VAT and Sales Tax on Luxury Goods gross realization recorded a positive performance, in line with maintained economic growth. Meanwhile, gross realization of Land and Building Tax and Other Tax grew due to acceleration of payments by taxpayers.

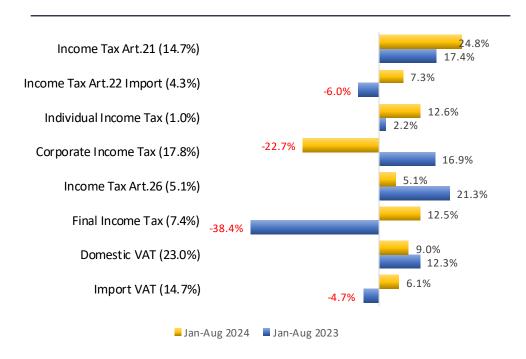


However, there are other tax group that experienced a contraction. Non-Oil-and-Gas Income Tax contracted due to commodity prices drop last year which caused the decline of 2023's profitability, particularly on commodity –related sector. Oil and Gas Income Tax contracted due to the decline in oil lifting.

The Majority Of Main Tax Types And Key Sectors Grew Positively

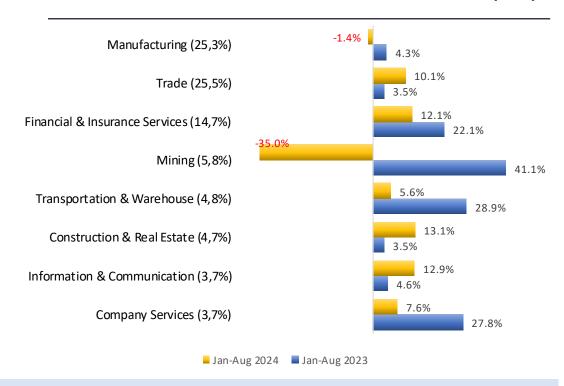
Strong domestic demand has led robust tax collection

Cumulative Growth in Types of Tax Revenue (YoY)



Transactional taxes (such as Income Tax art. 22, Import VAT, Income Tax art. 26, Domestic VAT and Final Income Tax) grew, indicating sound economic activities. Labor utilization and wages are also increasing, which drive the growth of Income Tax art.21. Corporate income tax (CIT) contracted due to decline in companies' performance in 2023 caused by commodity prices fall.

Cumulative Growth in Main Sector Tax Revenue (YoY)

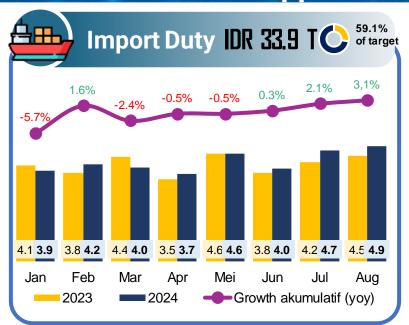


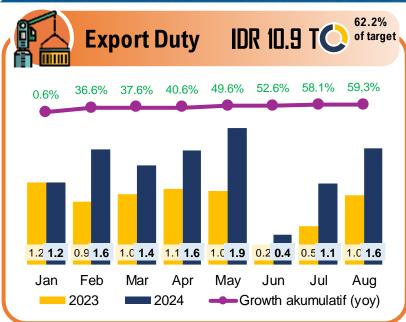
Despite a contraction in mining and manufacturing, most sectors grew. Manufacturing and mining were impacted by increased refunds and lower corporate taxes. Trade grew due to strong domestic consumption. Financial services, insurance, construction, real estate, and other services grew positively.

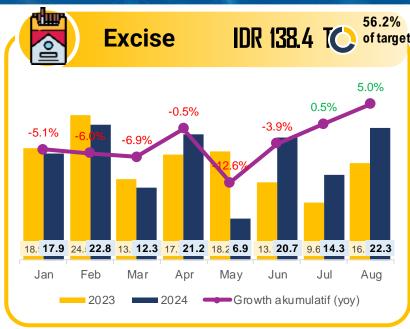


Realization of Customs and Excise Revenue as of August 2024 Grew, Supported by Positive Growth in All Sources of Revenue









Import duty revenue grew by 3.1%, influenced by:

- Increase in import value by 3.3% (yoy) even though effective tariff decreased (2023: 1.44%; 2024: 1.34%). This was caused by a decrease in revenues from main commodities such as vehicles, vehicles spare parts, and steel products.
- Strengthening of the USD exchange rate against Rupiah (2023: IDR15,090/USD; 2024: IDR15,923/USD)

The 59.3% growth in export duties is influenced by:

- The jump in copper export duty (77.1% share of total export duties) that grow by 567.8% (yoy), driven by relaxation of copper export.
- The decline in palm products export duties by 57.3% (yoy), which caused by decline in both CPO average price (-5.21% yoy) and export volume (-16.11% yoy)

The increase of 5.0% in excise is influenced by:

- An increase of tobacco products by 4.7% (yoy) due to production hike
- MMEA (alcoholic drink) excise grew 11.9% (yoy), driven by increases in tariff dan domestic production

DG Customs and Excise managed to crack down on 157.5 million illegal cigarettes in an operation carried out from July to August.

Source: Ministry of Finance

Non-Tax State Revenue Performance until August 2024 is Well Maintained

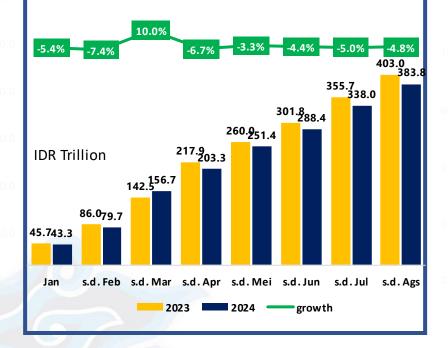


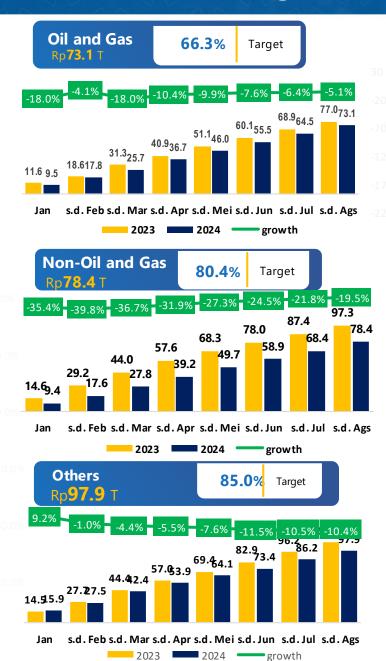
Realization as of 31st August 2024:

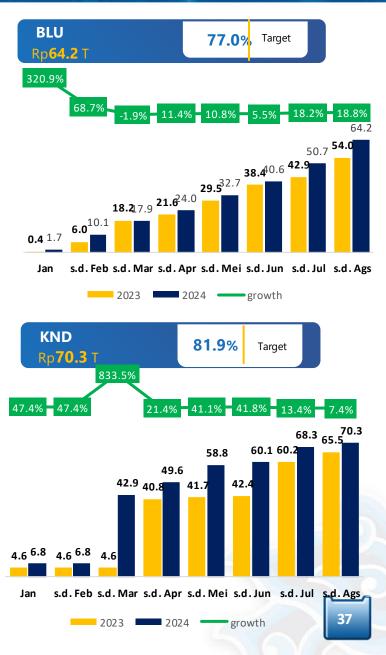
IDR**383.8**T

or **78.0%** from the 2024 budget target

This achievement was mainly contributed by the enhanced performance of State Owned Enterprises (BUMN) and Public Service Agency units (Satker BLU)







Central Government Expenditure until 31st August 2024

Realization as of August 2024 recorded at IDR1,368.5 (55.5% of budget ▲ 16.9% yoy)





Line Ministries Expenditure

IDR703.3 T (64.5% of budget)

Driven by the distribution of social assistance programs; infrastructure development; defense and security infrastructure; and expenditure related to the election.



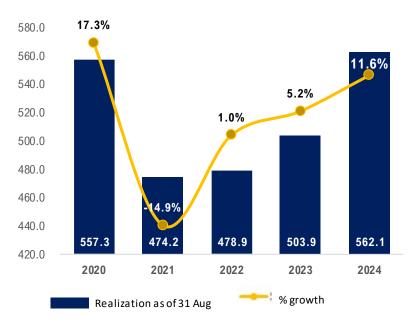
Non-Line Ministries Expenditure

IDR665.2 T (48.3% of budget)

Driven by realization of energy subsidy/compensation and payments of pension benefits.

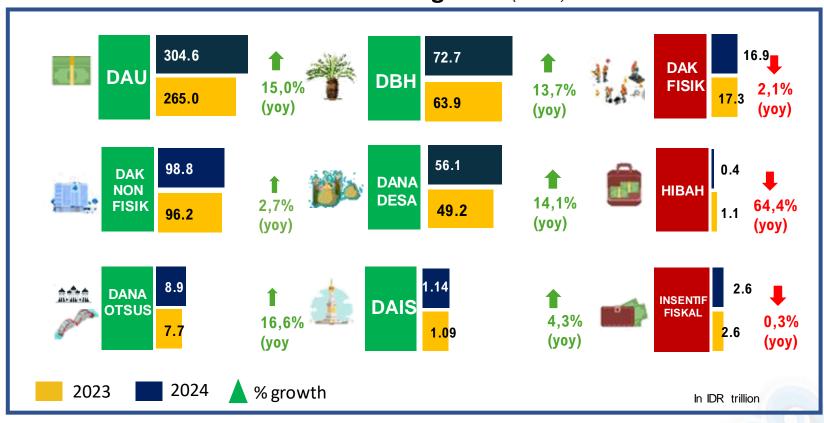
The Support of the National Budget to Regional Budgets through Transfer to Region Increases

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The realization or disbursement of TKD as of Aug 2024 (IDR T)



2024 Financing Needs & Sources



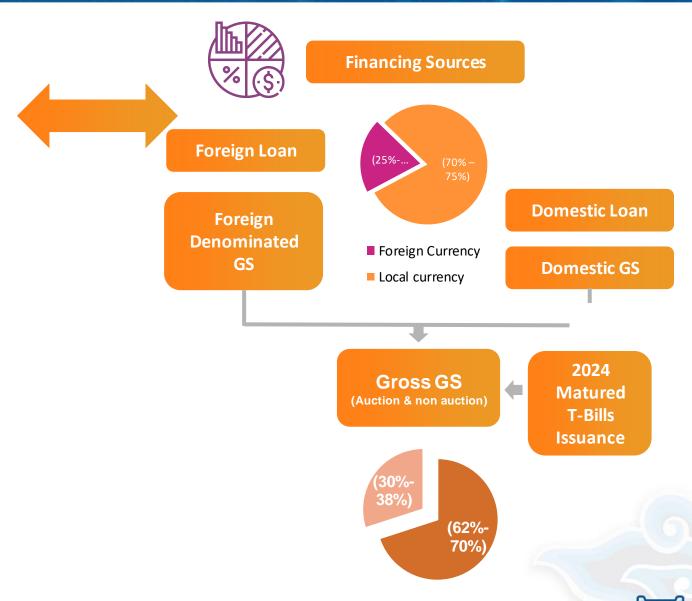




Budget Deficit
2.70% GDP (Outlook)



- Investment financing
- On Lending
- Guarantees
- Other financing
- Debt repayment



Investment Financing in 2024 is Focused on Sustainable Community Programs and Development

As of 31 August 2024, the Government has disbursed IDR61 T investment financing for: LPDP (IDR15 T), FLPP KPR for Low Income Community (IDR8.6 T), International Financial Institutions (IDR1.9 T), PT WIKA (IDR 6 T), PT HK (IDR18.6 T), and State Capital Participation (PMN) to PT BPUI (IDR3.5 T) and LMAN (IDR7.5 T)



To educate the nation

- The number of alumni as of 31 Aug 2024 was 24.001 people (66,58% worked in public sector and 33,42% worked in private sector);
- ☐ LPDPs accumulated research funding since 2013 is **2,981 proyek** with a value of **IDR2.72 T.**



For Low Income Community's Housing

- □ For 2024, State Budget is allocating **Rp17 trilion** for distributing **200,000 housing units** for low income communities;
- ☐ There were 115,065 housing units worth IDR14.03 T that has been distributed as of 31 August 2024.



Contribution to IFIs

☐ Contribution to: Islamic
Development Bank (IsDB);
International Development
Association, and International Fund
for Agricultural Development
(IFAD).



For the completion of National Strategic Projects

☐ In order to support the **completion of**National Strategic Projects through the issuance of new shares/rights issue to maintain the composition of state

ownership in WIKA.



For the construction of the Trans Sumatra Toll Road

The additional PMN in 2024 will be used to complete JTTS phase I and JTTS phase II for the Kayu Agung-Palembang-Betung section.



To support the transfer of PT Asuransi Jiwasraya (Persero) policies

In order to support the strengthening of Indonesian insurance industry.



State Budget Contribution for PMN

☐ The state budget is allocated for the funding of 123 National Strategic Projects worth Rp122.19 trillion.

Debt Financing

as of August 31st, 2024



With prudent and accountable management, the realization of financing is well maintained in supporting the performance of the National Budget

Debt Financing Realization

^{Rp} 347,6 (53,6%)

Government Securities (Net)

^{Rp} 310,4

Loan (Net) ^{Rp} 37,2

Note:

- 1. all numbers in trillion Rupiah
- 2. The percentage is the percentage of budget ceiling from National Budget year 2024

GS Financing Realization 2024



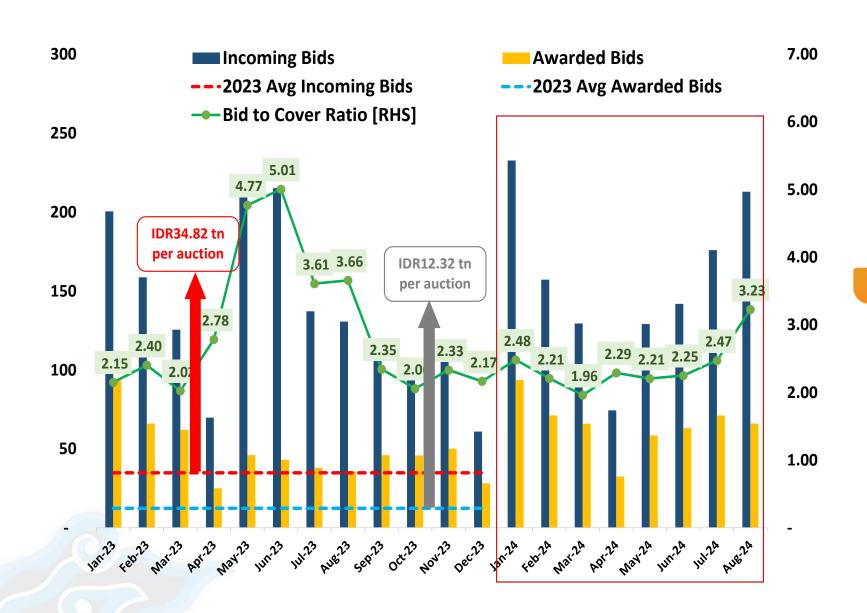
(Trillion IDR)

	As of August 31 st
Government Securities	740.02
Government Debt Securities (SUN)	494.78
IDR Denominated	442.52
- Prefunding	25.93
- Auction	370.21
- Private Placement	3.00
- Retail	43.38
FX Denominated	52.26
Sovereign Sharia Securities (SBSN)	245.24
IDR Denominated	206.81
- Prefunding	13.14
- Auction	151.89
- Private Placement	0.17
- Retail	41.01
FX Denominated	38.43

Primary Market Performance 2023-2024







In 2024:

- Average incoming bid is IDR39.17 tn/auction
- Average awarded bid is

Ownership of Tradable Domestic GS



Description	Dec-2	20	Dec-2	1	Dec-2	2	Dec-2	3	Aug-2	4
Banks*	1,375.57	35.54%	1,591.12	34.01%	1,697.43	31.97%	1,578.26	28.14%	1,129.05	19.20%
Govt Institutions (Bank Indonesia**)	454.36	11.74%	801.46	17.13%	1,020.02	19.21%	999.44	17.82%	1,494.32	25.41%
Bank Indonesia (gross)	874.88	22.60%	1,220.73	26.09%	1,453.58	27.38%	1,363.42	24.31%	1,416.68	24.09%
GS used for Monetary Operation	420.51	10.86%	419.27	8.96%	433.57	8.17%	363.98	6.49%	(77.64)	-1.32%
Non-Banks	2,040.83	52.72%	2,286.40	48.87%	2,591.98	48.82%	3,031.77	54.05%	3,258.34	55.40%
Mutual Funds	161.32	4.17%	157.93	3.38%	145.82	2.75%	177.95	3.17%	185.75	3.16%
Insurance Company and Pension Fund	542.82	14.02%	655.24	14.00%	873.03	16.44%	1,034.95	18.45%	1,111.04	18.89%
Foreign Holders	973.91	25.16%	891.34	19.05%	762.19	14.36%	838.52	14.95%	852.31	14.49%
Foreign Govt's & Central Banks	178.31	4.61%	233.45	4.99%	203.11	3.83%	227.35	4.05%	242.01	4.11%
Individual	131.21	3.39%	221.41	4.73%	344.30	6.48%	431.92	7.70%	508.05	8.64%
Others	231.57	5.98%	360.47	7.70%	466.65	8.79%	548.43	9.78%	601.20	10.22%
Total	3,870.76	100%	4,678.98	100%	5,309.43	100%	5,609.48	100%	5,881.72	100%

Portion of foreign ownership in the mid & long terms ector (≥ 5 years)

IDR1,092.02

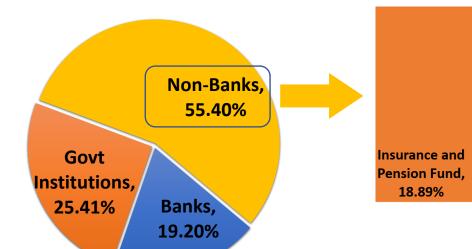
on January 24, 2020, foreign holders reach a record high in nominal terms

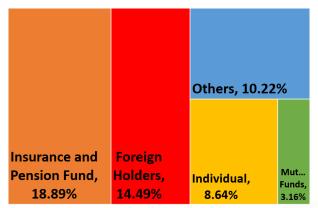
1) Non Resident consists of Private Bank, Fund/Asset Manager, Securities Company, Insurance

Company, and Pension Fund.

- 2) Others such as Securities Company, Corporation, and Foundation.
- *) Including the Government Securities used in monetary operation with Bank Indonesia.
- **) net, excluding Government Securities used in monetary operation with Banks.

Source: SI-BISSSS

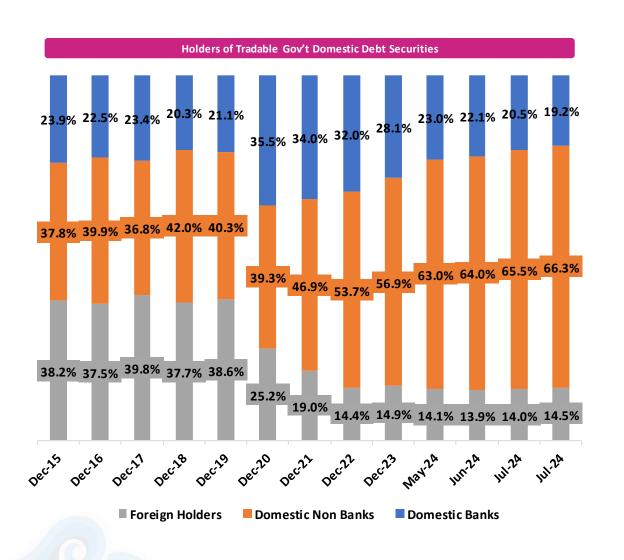


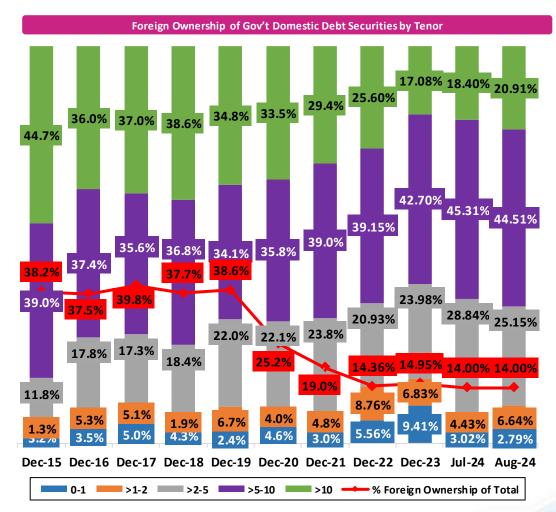


Holders of Tradable Government Secuirities



More Balance Ownership In Terms of Holders and Tenors

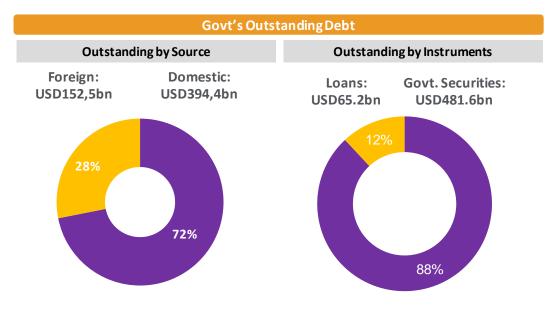




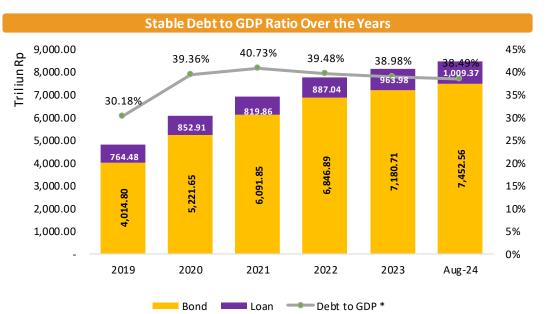
Disciplined Debt Portfolio Management

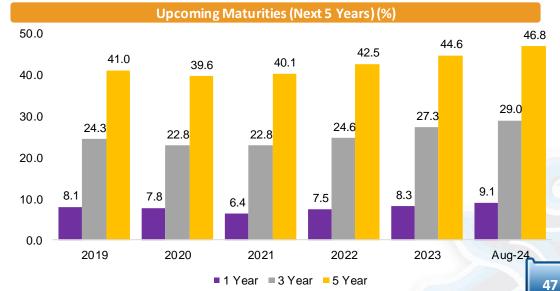
(as of 31 August 2024)





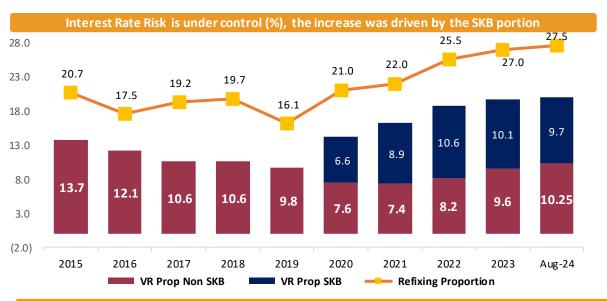


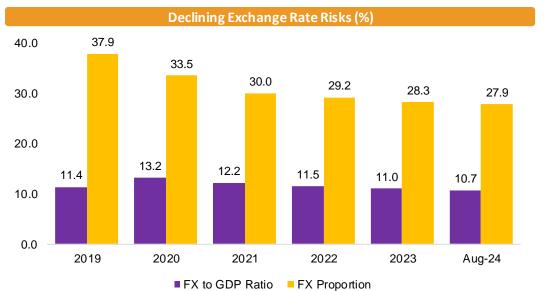


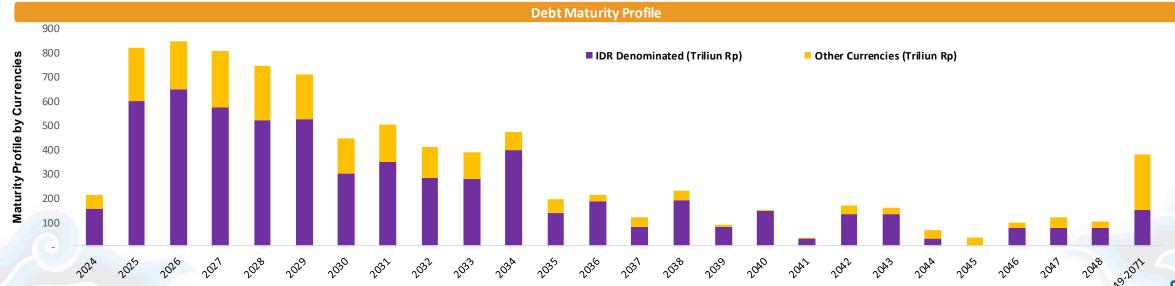


Well Balanced Maturity Profile with Strong Resilience Against External Shocks

(as of 31 August 2024)







Government Guarantee For Infrastructure Development





Government Guarantee Program

Credit Guarantee

- Power (Electricity) Full credit guarantee for PT PLN's debt payment obligations under FTP 1 10.000MW and 35GW programs*
- Clean water Guarantee for 70% of PDAM's debt principal payment obligations
- Toll road Full credit guarantee for PT Hutama Karya's debt payment obligations for the development of Sumatra Toll Roads
- Infrastructure Full credit guarantee on SOE's borrowing from international financial institution & financing guarantee for PT SMI's local infrastructure
- Public Transportation (Light Rail Transit) Full credit guarantee for PT Kereta Api Indonesia's debt payment obligations for the development of LRT Jabodebek
- Jakarta-Bandung High Speed Train Full credit guarantee in order to fulfill obligation of sharing amount of capital into joint corporation or to financing the cost overrun of KCJB project.

Business Viability Guarantee (BVG)

Power (Electricity) — Guarantee for PT PLN's obligations under Power Purchase Agreements with IPPs (off-take and political risk) under FTP-2 10.000 MW and 35 GW programs*

PPP Guarantee

Infrastructure – Guarantee for Government-related entities obligations (line ministries, local governments, SOEs, local SOEs) under PPP contracts/agreements

Political Risk Guarantee

Infrastructure – Guarantee for infrastructure risk of National Strategic Projects (Presidential Decree No.58/2017) which are not covered by other type of guarantees

Contingent Liabilities from Government Guarantee as of Q2 2024*

No	Central Government Guarantee for Infrastructure Programs	Exposure/ Outstanding (USD billion)
1	Coal Power Plant 10,000MW Fast Track Program (FTP 1)	0.12
2	Renewable energy, Coal and Gas Power Plant 10,000 MW (FTP 2)	4.08
3	Electricity Infrastructure Fast Track Program (35 GW)	5.79
4	Direct Lending from International Financial Institution to SOEs	2.09
5	Public —Private Partnerships (PPP)	6.39
6	Sumatera Toll Road	1.67
7	Light Rail Transit Jabodebek	1.34
8	Jakarta-Bandung High Speed Train	0.45
9	Clean Water Supply Program	0.01
10	Regional Infrastructure Financing	0.08
	Total	22.02

- Maximum new guarantee issuance for the period 2024-2027 is set at 0.6% of GDP per year.
- Starting from 2008 the Government has allocated a contingent budget with respect to these guarantees. The allocated fund is then transferred to a guarantee reserve fund. This reserve fund can be used to serve any claims that may arises from the guarantees.

^{*)} MOF provides both credit guarantees and BVGs for 35GW program

^{**)} Currency conversion of IDR16,421.00/USD1, IDR17,554.06/EUR1 and IDR 102.28/JPY1 (28 June 2024)

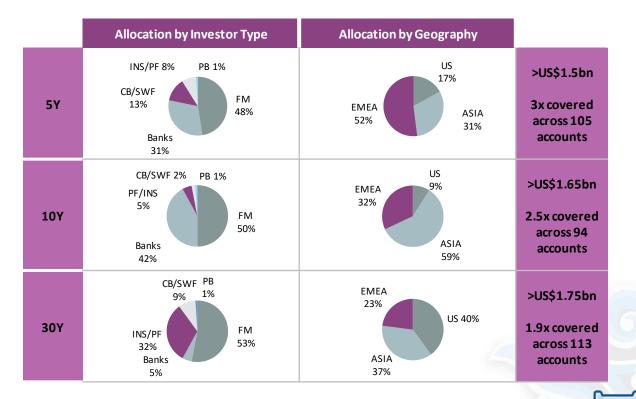
SEC14 Deal Review



Issuer	Republic of Indonesia					
Issuer Rating	Baa2 (Moody's) / BBB (S&P) / BBB (Fitch)					
Format		SEC-Registered				
Pricing Date		January 3, 2024				
Settlement Date		January 10, 2024				
Issue Size	USD2.05 bn					
Tenor	Long-5 year	Long-10 year	Long-30 year			
Maturity	March 10, 2029	Februay 10, 2034	Februay 10, 2054			
Tranche Size	USD500 milion	USD650 milion	USD900 milion			
Coupon (p.a.)	4.400%	4.700%	5.100%			
Reoffer Price	98.852	98.810	98.481			
Reoffer Yield	4.650% 4.850% 5.200%					
JLM	ANZ, BofA Securities, Deutsche Bank, Morgan Stanley dan UBS					
Listing	SGX-ST and Frankfurt Stock Exchange					
Use of Proceeds	Net proceeds from the sale of the Bonds will be used for the general purposes of the Republic					

Key Transaction Highlight

- Benefiting from the Republic's robust credit profile, the offering drew significant investor interest from the get-go, with a high quality orderbook allowing significant IPG-FPG tightening
- The long 5-year, long 10-year and long 30-year tranches were priced 25 bps, 20 bps and 25 bps respectively inside of its initial price guidance, a chieving flat to negative new issue concessions
- The Republic achieved the tightest spreads across all tranches compared to the Republic's past SEC-registered offerings
- Pin-point pricing resulted in a stable first day morning of trading at Asia open, with bonds trading around reoffer price



2024 Samurai Bonds Deal Review



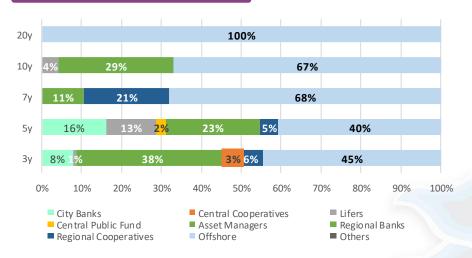
Issuer	Republic of Indonesia						
Bond Rating			Baa2 (Moo	ody's), BBB (S&P),	BBB (Fitch)		
Format				Samurai			
Pricing Date				May 17, 2024			
Settlement Date				May 27, 2024			
Total Size	JPY 200bn						
Tenor	3 years	5 years	7 years	10 years	7 years	10 years	10 years
Maturity	May 27, 2027	May 25, 2029	May 27, 2031	May 26, 2034	May 27, 2031	May 26, 2034	May 27, 2044
Tranche Size	JPY80.0bn	JPY88.0bn	JPY17.7bn	JPY19.3bn	JPY2.0bn	JPY6.8bn	JPY16.2bn
Coupon (p.a.)	0.99%	1.33%	1.57%	1.91%	1.57%	1.91%	2.55%
Reoffer Spread (bp)	MS+50 MS+70 MS+80 MS+92 MS+80 MS+92 MS+103						
JLM	Daiwa / Mizuho / Nomura / S <u>MBC Nikko</u>						

Blue Bond

Deal Highlight

- On May 17, the Republic of Indonesia ("Rol") successfully priced a JPY 200bn multitranche Samurai Bonds transaction with blue tranches, marking the tenth consecutive year to access to the Samurai market as well as Rol's second blue bonds following the inauguralissuance last year.
- The transaction marked a number of important milestones including:
 - The largest transaction size from Rol in the JPY bond markets with well oversubscribed orderbook
 - 2. The largest issuance size from a sovereign issuer in the history of the Samurai market
 - The largest (JPY 25bn) and longest (20yr) blue bond issuance ever in the JPY bond markets
- The Rol has successfully priced 3yr and 5yr at spreads below those of the previous year and achieved the largest issue volume in 7yr and longer tranches, and issuance of 20 year for the first time since 2021. The successful transaction underscores the robust yen bond market and the strong investor base bolstered by Rol's annual issuances.

Investor Breakdown



2024 Global Sukuk Transaction Summary



ssuer		Perusahaan Penerbit SBSN Indonesia III					
ssue Format	144A / Reg S, Senior	144A / Reg S, Senior, Unsecured, Wakala US\$ Trust Certificate ("Sukuk") issued under a USD\$35 billion					
			cate Issuance Programme				
ssuer Ratings			/ BBB Stb (S&P) / BBB Stb (Fitch)				
ssue Ratings) / BBB (S&P) / BBB (Fitch)				
Pricing Date			25 June 2024				
ssue Date			July 2024 (T+5)				
Tenor	5Y Sukuk	USD 10Y Sukuk	USD 30Y Sukuk (Green)				
Maturity Date	2 July 2029	2 July 2034	2 July 2054				
Tranche Size	USD 750 million	USD 1 billion	USD 600 million				
Profit Rate	5.10% Fixed, Semi- annual, 30/360	5.20% Fixed, Semi- annual,30/360	5.50% Fixed, Semi-annual 30/360				
Re-Offer Price	100.00%	100.00%	100.00%				
Reoffer Spread	UST +83 bps	UST +96 bps	UST + 111 bps				
Reg S ISIN	USY68613AA90	USY68613AB73	USY68613AC56				
144A ISIN	US71567TAA07	US71567TAB89	US71567TAC62				
Use of Proceeds	The Obligor intends to use the net proceeds it receives from the issue of Sukuk to meet part of its general financing requirements. The Obligor intends to invest an amount equal to the net proceeds from the issue of the trust certificates exclusively to finance or re-finance expenditure directly related to "Eligible SDGs Expenditures with Green and Blue focus" as defined in the Obligor's SDGs Government Securities Framework.						
Other Details	USD200k/1k denoms., E	English / Indonesian Law					
Listing	SGX-ST and Nasdaq Du	ıbai					
Joint Bookrunners	Citigroup (B&D), Dubai Is	Citigroup (B&D), Dubai Islamic Bank, HSBC, Mandiri Securities and MUFG Securities					
Co-Managers	PT BRI Danareksa Seku	ritas and PT Trimegah S	Sekuritas Indonesia Thk				

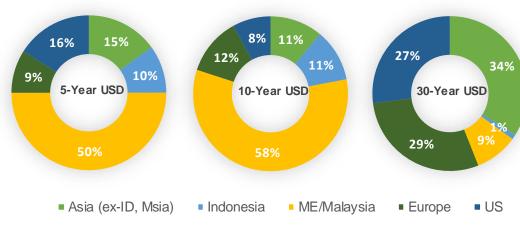
Deal Highlight

- Several notable achievements of this transaction include:
 - 1. Negative NIC for the 5-year tranche, and a low NICs for the 10 and 30 years
 - 2. Peak orderbook stood at US\$ 8.0 billion, at 3.42x cover allowing 30bps tightening across all tranches, the steepest tightening from Indonesian global bonds issuance this year
 - 3. Higher allocation to Islamic/Middle Eastern investors for the 5 and 10 year compared to 2023 issuance, increasing the diversity of investor base of ROI's securities
 - 4. Largest USD issuance from ASEAN issuers this year
- The 30-year Green Sukuk tranche is the seventh global Green Sukuk issued by the Republic, and the second since the Republic published its SDGs Government Securities Framework in August 2021.

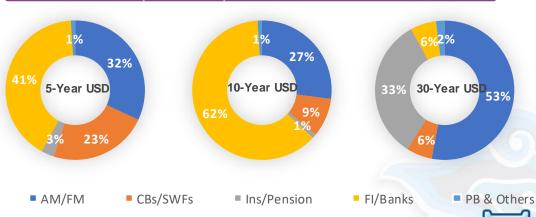
ORDERBOOK DISTRIBUTION

5-Year USD	10-Year USD	30-Year USD
US\$ 1.50bn+	US\$ 1.80bn+	US\$ 1.20bn+
From 52 accounts	From 59 accounts	From 76 accounts

INVESTORS BY GEOGRAPHY (ALLOCATION)



INVESTORS BY TYPE (ALLOCATION)



SEC15 Deal Review



September 3, 2024

US\$ 2.6 bn-equivalent





Baa2 Stable (Moody's) / BBB Stable (S&P) / BBB Stable (Fitch)

US\$1.15bn 4.750% due 2034, US\$650mm 5.150% due 2054, €750mm 3.650% due 2032

Format:	SEC Registered Baa2 (Moody's) / BBB (S&P) / BBB (Fitch)						
Issue Ratings:							
Tranche:	US\$ 10 Year	US\$ 30 Year	EUR 8 Year SDG				
Issue Size:	US\$1.15bn	US\$650mm	€750mm				
Settlement Date:	10 Sep 2024	10 Sep 2024	10 Sep 2024				
Maturity Date	10 Sep 2034	10 Sep 2054	10 Sep 2032				
Initial Price Guidance:	5.150% area	5.500% area	MS+160 bps area				
Final Price Guidance:	4.800% (#)	5.200% (#)	MS+130 bps area				
Pricing:	4.800%	5.200%	MS+125 bps				
Reoffer Price:	99.607	99.245	99.503				
Reoffer Yield:	4.800%	5.200%	3.723%				
Coupon:	4.750%	5.150%	3.650%				
Denominations:	US\$200,0	00 / 1,000	EUR100,000/1,000				
Use of Proceeds:	US\$ 10Y & 30Y: General Purpose EUR 8Y: The Republic intends to invest an amount equal to the net proceeds in projects that may qualify as Eligible SDGs Expenditures under Republic of Indonesia's ("the Republic") SDGs Government Securities Framework						
Listing:	SGX-ST and Frankfurt Stock Exchange						
Governing Law:	New York Law						

Key Transaction Highlights



Largest G2 currency bond issuance by Asia-ex-Japan sovereign issuers in 2024YTD



The second Sustainable Development Goals ("SDG") Bond in EUR issued by the Republic, after the first one in 2021, showcasing the Republic's continuous ESG commitment



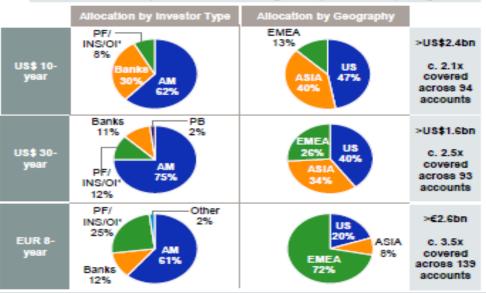
The orderbook has been well supported by global high-quality and real-money accounts, with the final orderbook size reaching over US\$4 billion for the USD tranches in aggregate and over €2.6 billion for the EUR SDG tranche



The strong momentum of the orderbook allowed final pricing to tighten 35bps/30bps/35bps from IPG for the 10-year USD/30-year USD/8-year EUR SDG bonds respectively



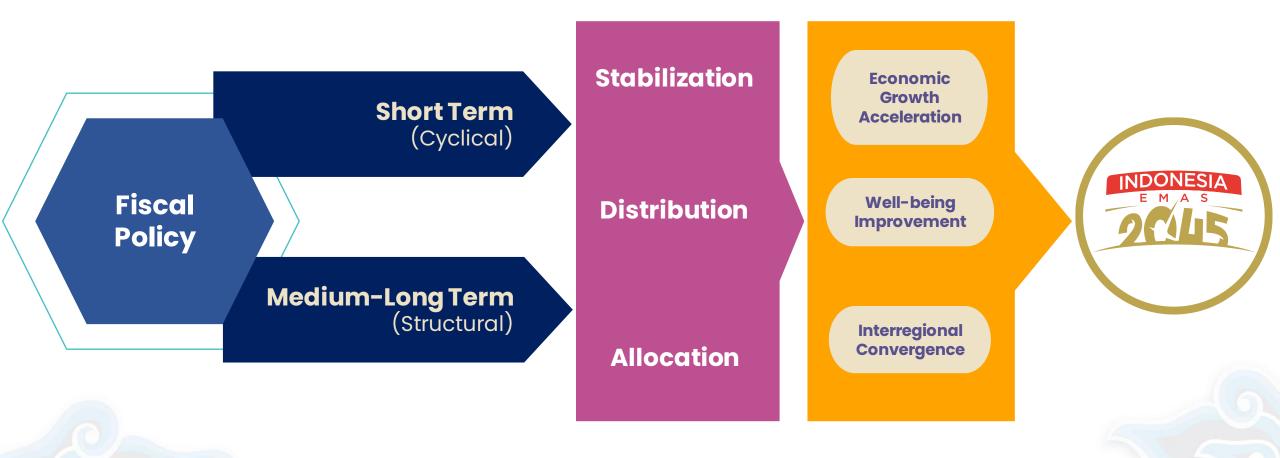
The offering marked the return of the Republic to the EUR market since last EUR issuance in September 2021, resetting the Republic's EUR pricing curve



Source: Dealogic as of September 3, 2024; 1 Oi refers to official institution

2025 Fiscal Policy: Accelerating Inclusive & Sustainable Economic Growth





Macroeconomic Assumptions for the 2025 Budget















		Assumption					
Indicator	2024 Budget	2024 Outlook	2025 Budget				
Economic Growth (%)	5.2	5.1	5.2				
Inflation (%, yoy)	2.8	2.7	2.5				
10Y T-Bonds Rate (%, average)	6.7	6.9	7.0				
Exchange rate (Rp/US\$, average)	15,000	16,000	16,000				
Oil Price/ICP (USD/barel, average)	82	82	82				
Oil Lifting (tbpd)	635	596	605				
Lifting Gas (tboepd)	1,033	995	1,005				

The 2025 Budget Posture



	2024 (IDR T)	202	25 BUDGET (IE	DR T)
Account	Budget	Budget Plan	% to GDP	Growth to 2024 Budget (%)
Revenue	2,802.3	2,996.9	12.3	6.9
Tax Revenue	2,309.9	2,490.9	10.2	7.8
1. Tax	1,988.9	2,189.3	9.0	10.1
2. Costume and Excise	321.0	301.6	1.2	(6.0)
Non Tax Revenue	492.0	505.4	2.1	2.7
Expenditure	3,325.1	3,613.1	14.9	8.7
Central Government Expenditure	2,467.5	2,693.2	11.1	9.1
Transfer to Region	857.6	919.9	3.8	7.3
Primary Balance	(25.5)	(63.3)	(0.3)	148.3
Surplus (Deficit)	(522.8)	(616.2)	-2.53	17.9
% to GDP	(2.29)	(2.53)		
Financing	522.8	616.2	2.53	17.9

Maintaining Sustainability Of The 2025 Priority Budget To Support The **Development Agenda**



Share to total spending



EDUCATION IDR722.6 T

- Increasing access and quality of education i.e. PIP, KIP College, BOS, BOP PAUD, scholarships (LPDP);
- Providing nutritious food for school children, renovating schools and developing superior schools;
- Strengthening links & matches with the job market (vocational & certification

20%



social protection IDR504.7 T

- Continuing social security al. PKH, Basic Food Cards, PIP, College KIP;
- Synergy and integration of social protection program;
- Strengthening social security throughout life;
- Strengthening graduation from poverty i.e. Social protection based on empowerment

14%



NFRASTRUCTURE IDR400.3T

- Development of agricultural infrastructure such as irrigation networks and dams;
- Construction of integrated superior schools;
- Supporting infrastructure to support economic transformation (e.g. connectivity, downstreaming, food, energy)



HEALTH IDR197.8T

- Promotive and preventive efforts, accelerating the reduction of stunting and TB cases;
- Construction of quality hospitals, free health checks and effectiveness of the JKN program;
- Strengthening technology and pharmaceutical independence
- Strengthening a reliable health system



FOOD SECURITY IDR124.4 T

- Intensification and extensification of agricultural land, strengthening of agricultural infrastructure and infrastructure (eg, dams and irrigation);
- Food storage & increasing access to financing for farmers;
- Strengthening national food reserves (food availability and affordability

3.4%

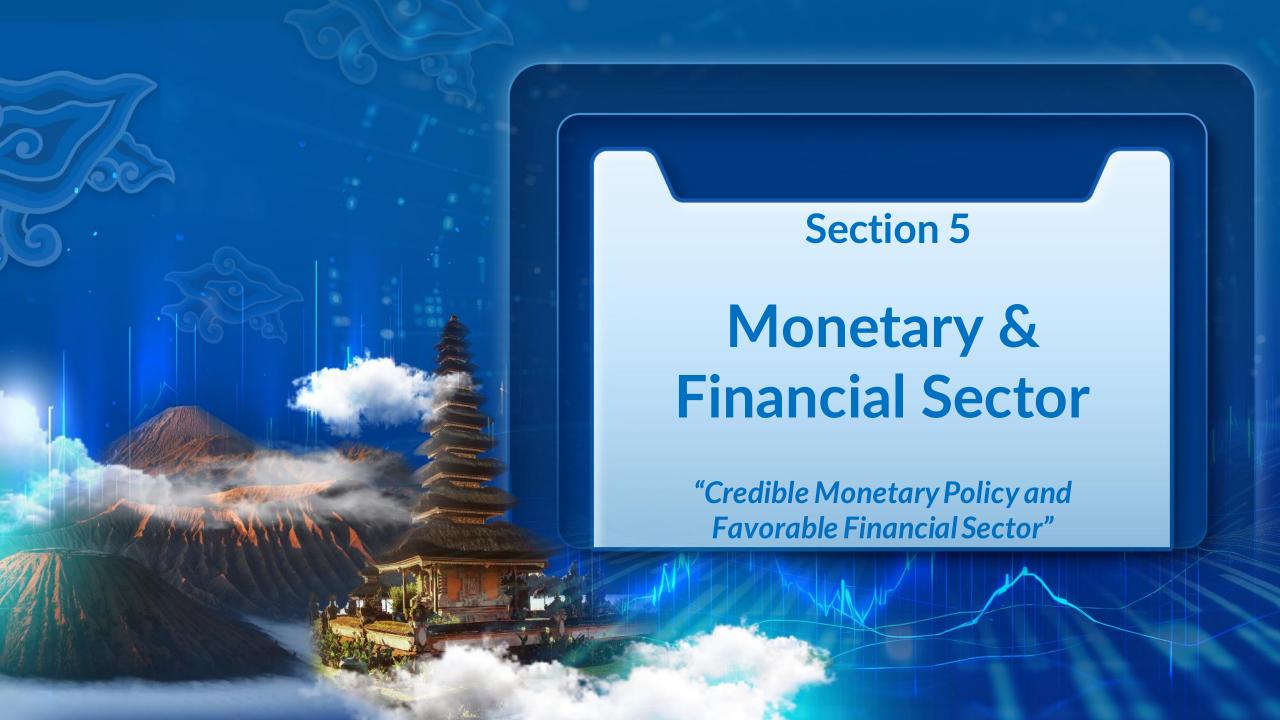


LAW & DEFENCE IDR372.6 T

- Modernization of defense equipment;
- Strengthening ICT from Cyber threats;
- Support strategic industrial capabilities;
- Implementation of legal and security operational activities

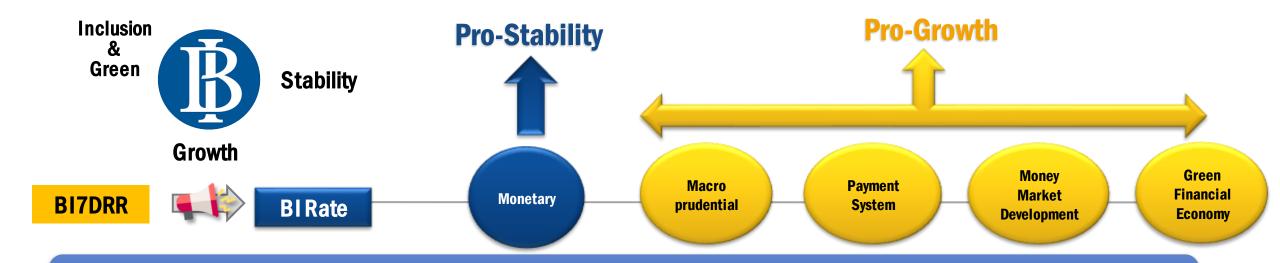
10.3%

5.5%



Bank Indonesia Policy Mix: September 2024 Maintaining Stability, Strengthening Economic Growth





The BI Board of Governors Meeting agreed on 17-18th September 2024 to lower the BI-Rate by 25bps to 6.00%, while also lowering the Deposit Facility (DF) rate and Lending Facility (LF) rate by 25bps to 5.25% and 6.75% respectively. The decision is consistent with low and stable inflation projected in 2024 and 2025 within the 2.5%±1% target corridor, Rupiah stability and appreciation, as well as the need for efforts to strengthen economic growth.













Strengthening the pro-market monetary operations strategy to maintain foreign capital inflows to enhance monetary policy effectiveness in terms of Rupiah stabilisation by:

- Strengthening the interest rate structure of the Rupiah money market to maintain attractive yields and increase portfolio inflows to domestic financial assets for investment.
- Optimising Bank Indonesia Rupiah Securities (SRBI), Bank Indonesia Foreign Exchange Securities (SVBI) and Bank Indonesia Foreign Exchange Sukuk (SUVBI).
- Strengthening strategies to maintain competitive term-repo and forex swap transactions, and
- Strengthening the function of Primary Dealers (PD) to increase SRBI transactions in the secondary market and repurchase agreement (repo) transactions between market players.

Stabilising the Rupiah through foreign exchange market intervention with a focus on spot and Domestic Non-Deliverable Forward (DNDF) transactions, as well as government securities (SBN) in the secondary marketpolicy (KLM)

Strengthening prime lending rate (PLR) transparency policy with a focus on interest rates by Macroprudential Liquidity Incentive policy (KLM) priority economic sectors

Expanding digital acceptance through education targeting QRIS merchants concerning the use of cross-border QRIS payments, and education targeting the government segment using the Indonesian Credit Card for Government Segment as well as expanding the electronification of regional government transactions by hosting the National Coordination Meeting for Accelerating and Expanding Regional Digitalisation (P2DD) 2024

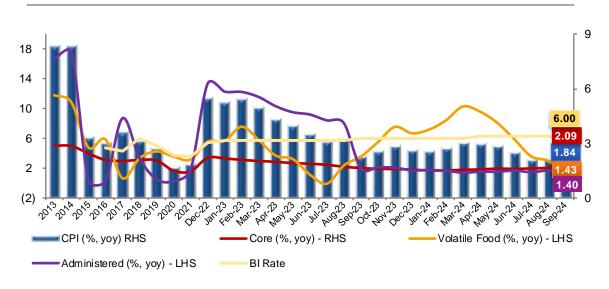
Strengthening the industry structure by implementing the Indonesia Payment System Blueprint (BSPI) 2030 through increased competency certification in the payment system industry

BI-Rate Lowered 25bps to 6.00%

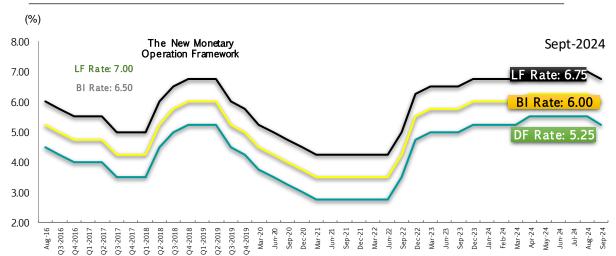
Manageable Monetary Environment Amid Heightened Global Uncertainty



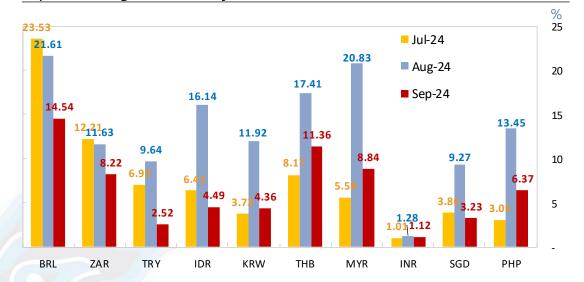
Well Maintained Inflation Ensured Price Stability



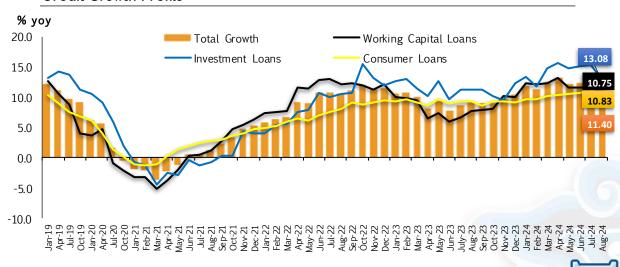
Strengthened Monetary Policy Framework



Rupiah Exchange Rate Volatilty



Credit Growth Profile



Banking Intermediation



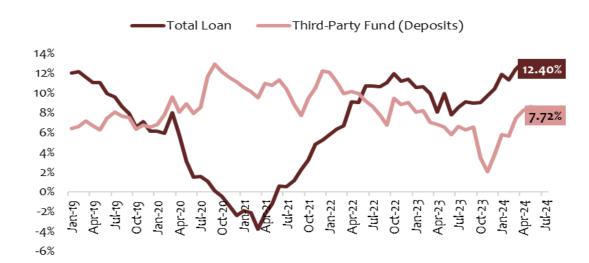




In July 2024, bank loans and third-party funds (total deposits) grew by 12.40% (yoy) and 7.72% (yoy), respectively.



All types of loans maintained their positive trend in July 2024, with investment loans, in particular, grew by 15.20% (yoy).

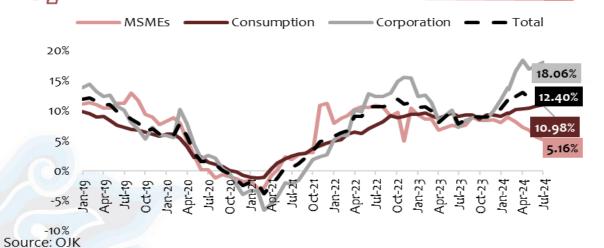


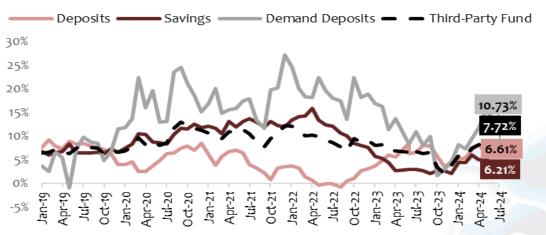


Loan growth continued to improve in July 2024, with major contribution from Corporation loans, with 18.06% (yoy) growth.



Third-Party Funds' (Total Deposits) growth slowed down in **July 2024**, with **Demand Deposit** in particular, growing by **13.48**%





Banking Risk Profile and Profitability



The banking industry has ample liquidity, resilient capitalization, and manageable credit risk, while maintaining a consistent level of profitability.



The banking NPL ratios were manageable in **July 2024**, recorded at **2.27% gross** and **0.79% net**, significantly below the threshold.

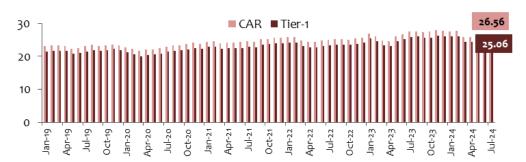




Liquid Assets to Non-Core Deposits and Liquid Assets to Third-Party Funds (Total Deposits) remained well above the thresholds.

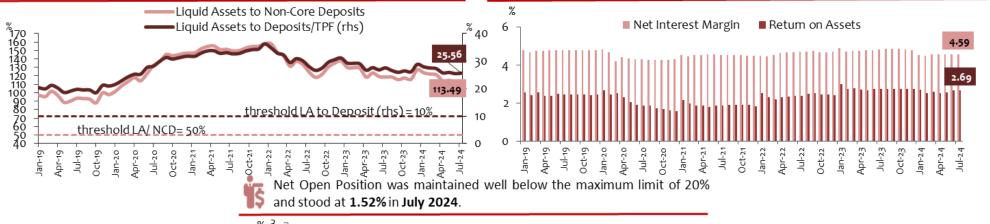


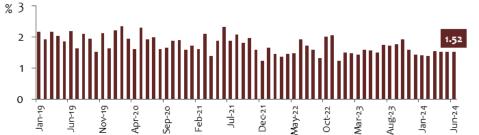
The banking sector's Capital Adequacy Ratio (CAR) was steady with a value of **26.56%** and Tier-1 capital stood at **25.06%** as of **July 2024**.





The banking industry's profitability remained steady with NIM at **4.59%** and ROA at **2.69%**, as of **July 2024**.





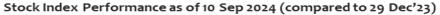
Domestic Capital Market Performance

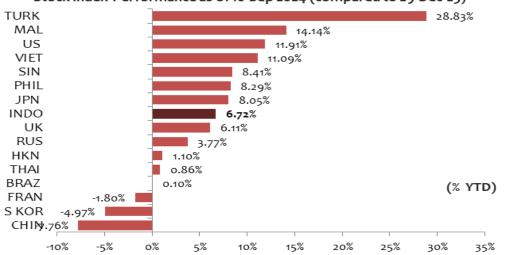
Continued pressure on the global stock market impacts Indonesia's capital market.





Stock Index performance in emerging markets have shown strong resilience, with majority of countries experiencing positive stock index growth, despite ongoing global uncertainties.





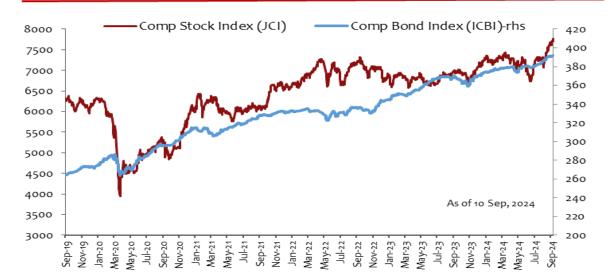


Indonesian government bond yields for 5-year and 10-year tenor moderated in **September 2024**. Meanwhile, Rupiah experienced a slight depreciation against the US dollar.



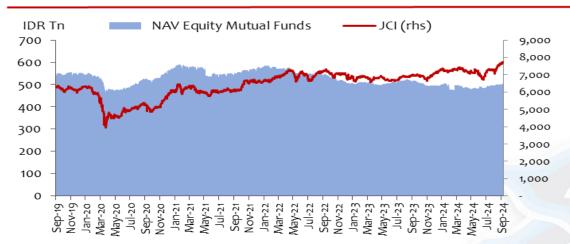


As of 10 September 2024, both the composite bond market index and stock indices have continued to strengthened (YTD), reflecting growing investor confidence in the market.





The Net Asset Value (NAV) of equity mutual funds remained stable, reflecting a steady movement in the capital market.



Domestic Capital Market Performance

Several capital market indicators remained positive

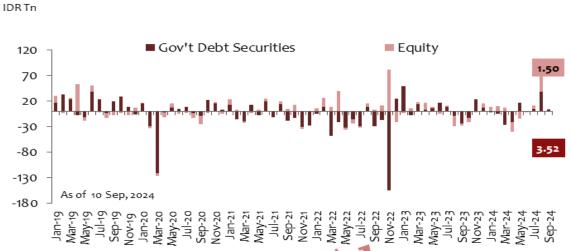


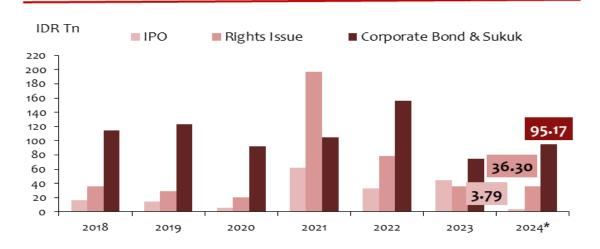


Non-resident portfolios of both equity market and government bonds recorded a YTD net buy of IDR29.22 Tn and IDR13.77 Tn, respectively, as of 10 September 2024.



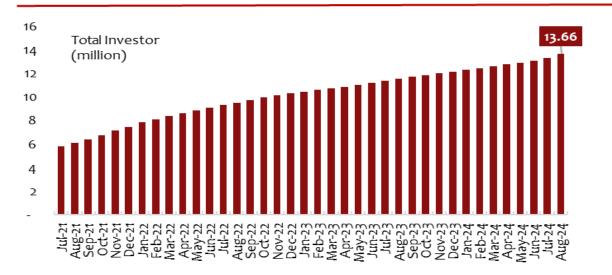
Total securities issuance reached IDR135.25 Tn (YTD) as of 30 August 2024.





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Capital Market Investors continued to grow to 13.66 million by the end of August 2024, representing a 17.95% (yoy) increase.



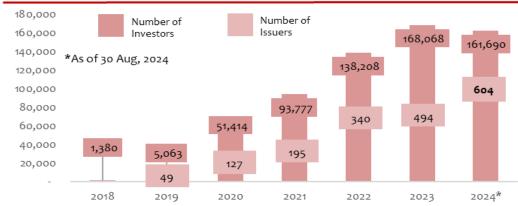
Securities Crowd Funding and Carbon Exchange

Securities Crowdfunding (SCF) and Carbon Exchange grew steadily

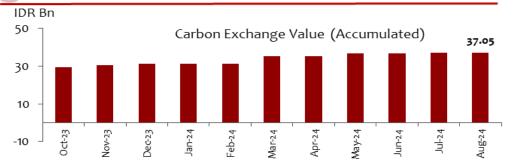




The total number of investors and issuers in Securities Crowdfunding increased to **161,690** and **604**, respectively, as of **30 August 2024**.

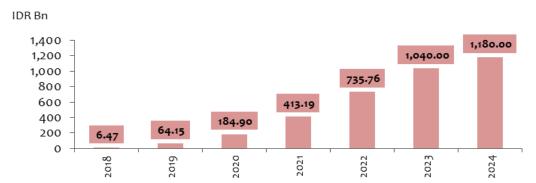


Since its launch in September 2023, the Carbon Exchange has achieved an accumulated value of **IDR37.05** billion as of **August 2024.**

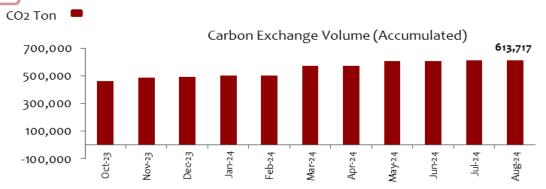




Continuing the positive trend, the total value of SCF fundraising stood at **IDR1.18Tn** as of 30 August 2024.



The traded volume in Carbon Exchange recorded a total of **613,717 CO2** Ton as of **August 2024**.





The number of service users in Indonesia's Carbon Exchange increased from 24 in October 2023 to **75** in **August 2024.**



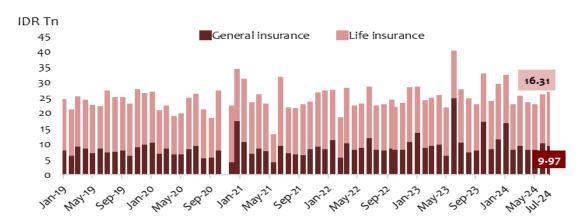
Insurance Sector





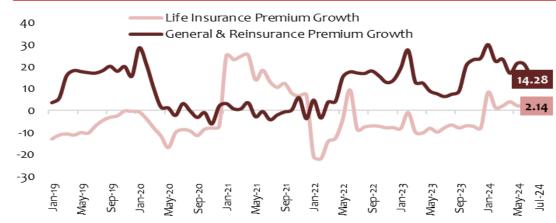


In July 2024, insurance premiums marked a total increase of IDR26.228 Tn (mtm) with General and Life insurance added premiums at IDR9.97 Tn and IDR16.31Tn, respectively.





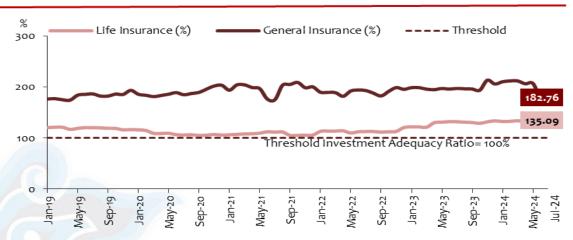
General & Reinsurance Premium Growth recorded a slight decrease to **14.28%** in **July 2024**, while Life Insurance experienced a modest rise of **2.14%**.





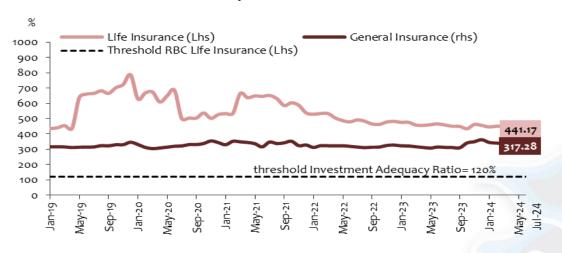
Source: OJK

In **July 2024**, the Investment Adequacy Ratio of both Life Insurance and General Insurance maintained above the threshold of **135.09%** and **182.76%**, respectively.





Risk-Based Capital (RBC) of the insurance industry remained well above the minimum threshold with Life Insurance at 441.17% and General Insurance at 317.28% in July 2024.



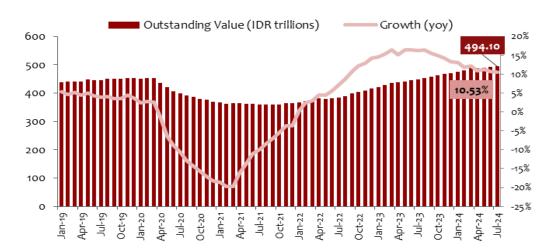
Financing, P2P Lending, Venture Capital, Microfinance Institutions



The performance of financing institutions continue to improve, as shown by growing net financing, a stable gross Non-Performing Financing (NPF) ratio, and a stable gearing ratio.

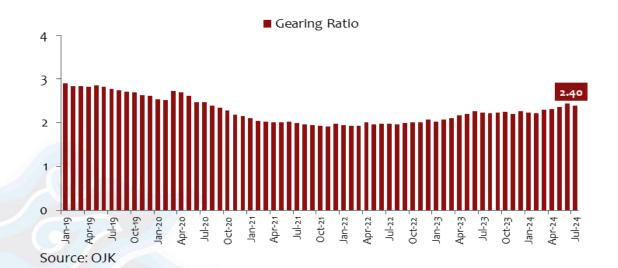


In July 2024, net financing continued to grow at a moderate level by 10.53% (yoy) to IDR494.10 Tn.



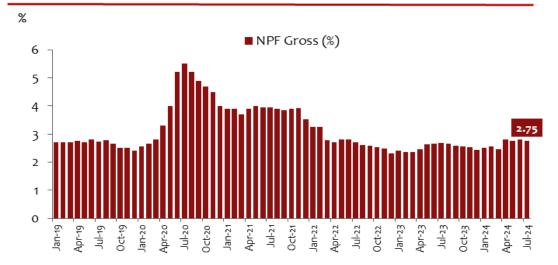


The gearing ratio of financing institutions stood at **2.40 times** below the 5 times threshold in **July 2024**.



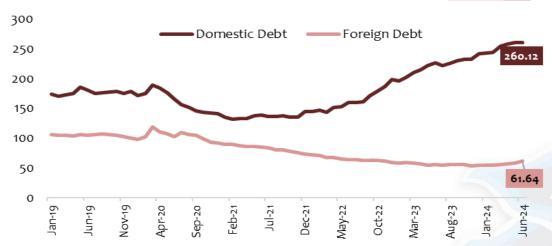


The Gross Non-Performing Financing (NPF) ratio of financing institutions remained manageable at **2.75%** in **July 2024**, well below the 5% threshold.



DEBT

The debt exposure of financing institutions includes domestic debt of IDR260.12 Tn and foreign debt of IDR61.64 Tn, as of June 2024



Financing, P2P Lending, Venture Capital, Microfinance Institutions

Peer to Peer Lending (P2PL) Fintech intermediation remains positive with a manageable NPL ratio

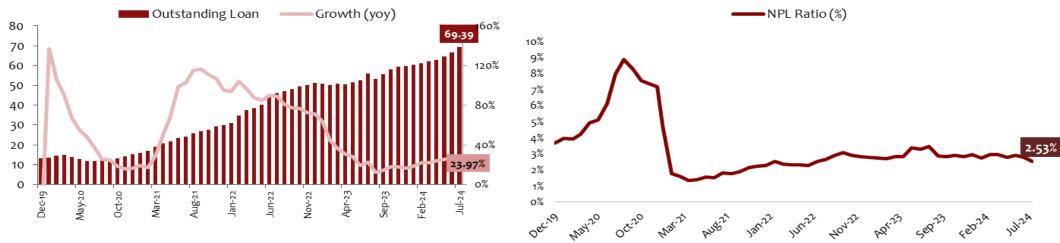




The outstanding loan of P2PL Fintech increased to **IDR69.39 Tn** or grew by **23.97%** (yoy) as of **July 2024**.



The Non-Performing Loan ratio (TWP90) of P2PL Fintech remained manageable at **2.53%** in **July 2024**.





There are total of **100** fintech platforms, consisting of **93 conventional** platforms and **7 sharia** platforms in **July 2024**.



Financing, P2P Lending, Venture Capital, Microfinance Institutions

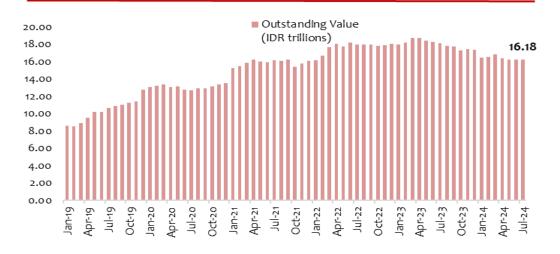


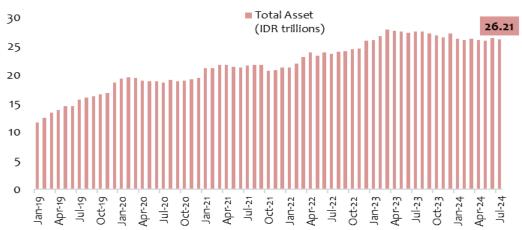


The venture capital corporation experienced stable performance, with financing reaching **IDR16.18 Tn** as of **July 2024**.



Total assets in the venture capital corporation reached **IDR26.21 Tn** in **July 2024**, reflecting a steady position.







Microfinance assets remained stable at IDR1.58 Tn, with growth of 7.72% (yoy) in April 2024.



Microfinance loans remained stable at IDR1.02 Tn in April 2024





Financial Services Technology Innovation and Crypto-Assets





Based on OJK Regulation No. 3/2024 concerning the Regulatory Sandbox, the number of sandbox applications reached **7** (YTD), with **1** accepted participants as of **August 2024**.

FSTI (Sandbox)	Dec-20	Dec-21	Dec-22	Dec-23	Aug-24
Number of Sandbox Applications Request	114	71	87	52	7
Number of Sandbox Participants	28	14	20	18	1

	Dec-22	Dec-23	Mar-24
Number of Registered FSTIs	98	80	52



In **July 2024**, the crypto-assets market recorded a total transaction value of **IDR 42.34 Tn**. However, the accumulated value for the year has reached **IDR 344.09 Tn** or grew **354% yoy**.

Crypto-assets	Dec-23	Mar-24	May-24	June-24	July-24
Transactions (IDR Tn)	27.25	20.16	49.80	40.85	42.34
Number of Investors (Million)	18.51	19.75	19.75	20.24	20.59



Policy Continuation is Reflected in National Development Planning

1

The Development Agenda Will Still Proceed as Planned

7 DEVELOPMENT AGENDA 2020-2024

- Strengthening Economic Resilience for Quality and Fair Growth
- 2. Developing Regions to Reduce Gaps and Ensure Equity
- 3. Increasing Quality and Competitive Human Resources
- 4. Mental Revolution and Cultural Development

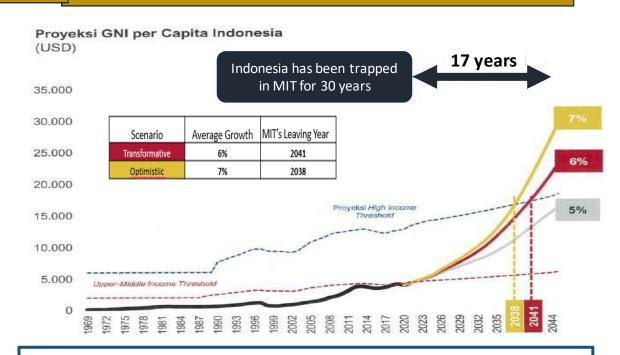
- 4. Strengthening Infrastructure to Support Economic Development and Essential Services
- 5. Building the Living
 Environment, Increasing
 Disaster Resilience, and
 Climate Change
- Strengthening Political, Legal and Human Rights Stability and Transforming Public Services

GOVERNMENT WORK PLAN 2024

SUPPORTED BY 2024 STATED BUDGET (Law 19/2023)

RPJPN 2025 - 2045→ RPJMN (PHASE I 2025-2029) AND IN THE SHORT TERM THROUGH THE ANNUAL RKP AND APBN POLICY

Transforming the Indonesian Economy to Achieve Vision 2045



ECONOMIC TRANSFORMATION

- 1. Science and Technology, Innovation and Economic Productivity
- 2. Green Economy Implementation
- 3. Digital Transformation
- 4. Domestic and Global Economic Integration
- 5. Cities as Centers of Economic Growth

OECD: Membership in the OECD as a Catalyst for Structural Reform in Indonesia





- Indonesia's Accession Roadmap has been handed over at the May 2024 Meeting INDONESIA IS THE FIRST OECD MEMBER CANDIDATE IN ASEAN
- After the adoption of the Accession Roadmap, Indonesia will conduct Self-Assessment and submit an Initial Memorandum describing the policy conditions and standards of the Indonesian Government compared to the OECD.

Structural Reform through OECD Membership (Domestic Reform Catalyst)

Increase policy transparency and predictability

Support for the implementation of **reforms and transformation of the domestic economy** through access to experts, data and statistics, best practices, and participation in peer review.

Indonesia participates in discussing global standards

Participate in **global policy decisions** (global debates) through participation in discussions on global policies, standard-setting, and governance architecture.

Regulatory reform in line with OECD guidelines and standards

Encourage efficiency through efforts to harmonize policies at the global level for economic and resource efficiency and create a level playing field for the business world.

Increasing Indonesia's potential to become a quality and sustainable investment destination through the implementation of Environmental, Social, Governance aspects

Reputation and credibility excellence, to increase investor confidence through the implementation of **policy standards** that have been implemented by OECD member countries.

- Stronger anti-corruption policy instruments.
- Transparency of the Tax Sector. Increased funding for development. Tax optimization of multinational companies operating in Indonesia.
- Public sector procurement becomes more transparent so the state budget is more efficient.
- Better corporate governance and SOEs so that SOEs can contribute more to the national economy.

Best Practices from Recently Joined Countries

Costa Rica

The 2021 budget deficit fell to 5% of GDP thanks to the implementation of OECD standard fiscal rules.

Colombia



Reduce bribery practices abroad with the implementation of the OECD Anti-Bribery Convention.

SOF reform: increasing the

SOE reform: increasing the independence of the board of directors, transparency, and accountability.

Chile

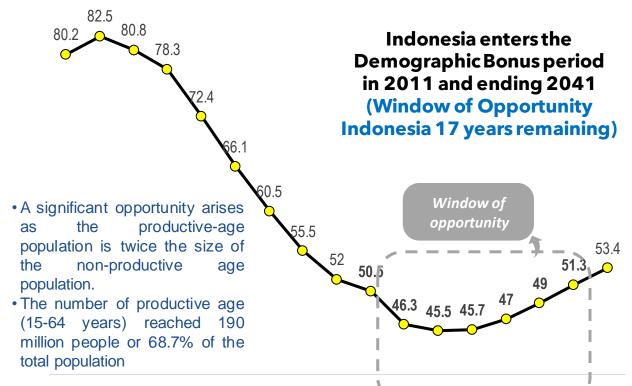


After joining the OECD in 2010, there was an increase in the value of GDP and FDI to Chile.

Indonesia has a Demographic Bonus and Abundant Natural Resource



THE PEAK OF INDONESIA'S DEMOGRAPHIC BONUS



1965 1970 1975 1980 1985 1990 1995 2000 2005 2010 2015 2020 2025 2030 2035 2040 2045

Dependency Ratio is a comparison between the number of people aged 0-14 years plus the number of people aged 65 years and over (non-productive age population) compared to the number of people aged 15-64 years (productive age).

Source: BPS Preparation of Indonesian Population Projections SUPAS Results 2015-2045

SOCIAL CULTURAL CAPITAL

Harmonious and tolerant – Community Collaboration (Gotong Royong) – Deliberation to reach a consensus – Family – Social solidarity – Independent spirit – Cultural diversity

MARITIME



16% of the world's coral reefs



25,000 species of flowering plants (10% of the world)



Capture fisheries potential 12 million tons

Geographical Location Advantages



The largest mangrove forest 3.36 million hectares



NATURAL WEALTH



125.57 million hectares of forest areas



Nickel with ore reserves 5.24 billion tons



Coal reserves 36.30 billion tons



Renewable energy potential 3,716 GW

Large-scale and inclusive skilling, reskilling and upskilling program through Kartu Prakerja



Semi Social Assistance Scheme Recipients (2020-2022)

16.425.419

Recipients (Batch 1-47)*

Rp40,17 Trillion

Normal Scheme Recipients (2023)

1.142.924

Recipients (Batch 48-62)*

Rp626 Billion

Incentives

Batch 1-69 Applicants and Recipients

>53millions Verified



19.647.596

Total Recipients

18.800.682 Effective Recipients



514 cities/Districts 38 Provinces

Implementation in 2024 (Normal Scheme)

Recipients:

1.232.339

Effective recipients of Normal Scheme PRakerja (Batch 63-69)*

971.123

Completed Courses

911.176

Receive Incentives

Rp579 Billion
Incentives Distributed

Courses Progress

226 Trai

Training Institution

1.268 Courses



117 Online 1.021 Webingr

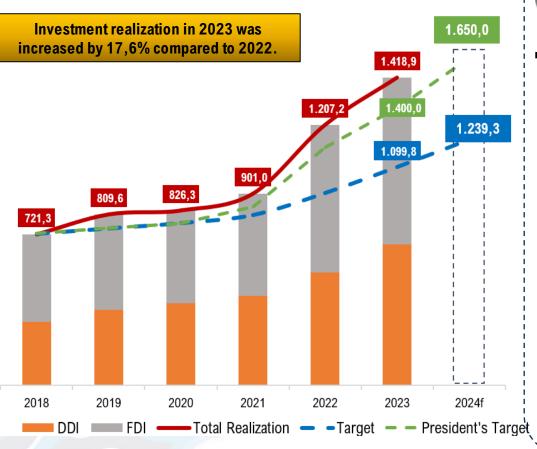


LMS

Accelerating Investment Target by the Development of the New Capital City and National Strategic Infrastructure Projects



Indonesian Investment Targets and Realization (in Trillion IDR)



Indonesia's National Strategic Projects (PSN)



- Based on CMEA Regulation Number 8 of 2023, there are 204 Projects and 13 Programs as PSN with an estimated total investment value (CapEx) of IDR 5.918,86 trillion.
- Since 2016, 190 PSN have been expedited towards completion with investment value of USD96,18 Billion* and most of the projects have passed preparation stage.

New Capital City (Ibu Kota Nusantara)



Location: East Kalimantan, Indonesia Population: ~4 Million Area: 256,142 hectare

divided into 3 zones.

Est. Total Investment needs: ~Rp467 trillion.

For Infrastructure and support economic growth (Technology, Renewable energy, Industry, etc)





80% by Private Participation Public-Private Partnerships (56%)

and Private Investment (24%))

Fundamental

- Housing Water Treatment sectors:
 - Waste Management

transportation

Renewable Energy

Telecommunications Network

- 7. Technology Infrastructure
- Commercial Infrastructure
- Medical Facilities
- 10. Social and Public Facilities
- 11. Education
- 12. Green Industrial Zone

Source: Ministry of Investment, Target 2024 based on The National Medium-Term Development Planning (RPJMN) 2020 – 2024 and President's Target.

Stages Of Development Of The National Capital City (IKN)



I. 2020-2024

Initial transfer to IKN

- Critical basic infrastructure is completed and operational (e.g water, energy, rail) for residents in the initial stages
- Build central infrastructure (e.g. Presidential Palace, MPR/DPR Building) and housing in the Main IKN area
- Transfer of earlystage civil servant
- Initiation of priority economic sectors

II. 2025-2029

Building IKN as a Resilient Area

- Public transportation facilities, both primary and secondary, can be used
- Expansion of residential areas for civil servants as well as central government offices
- The civil servant transfer process is expected to be completed
- Research and talent development as well as distinguished university
- Continuing development and maintenance of basic infrastructure

III. 2030-2034

Continuing IKN Development More Progressively

- Develop integrated utilities and rail access to Balikpapan Airport – KIPP
- Continued transfer for National Army members
- Develop industrial areas and other sectors in the superhub economic cluster
- Strengthening smart cities, digital centers, and 21st century education
- Increasing investment and production capacity



IV. 2035-2039

Building the Entire Infrastructure and Ecosystem of 3 Cities to Accelerate the Development of East Kalimantan

- Rapid developments in the education and health sectors as economic drivers
- Strengthening the sociocultural resilience of society and increasing the capacity of education and research institutions
- Increasing basic infrastructure capacity due to the increasing of population
- increasing capacity and diversifying economic clusters and infrastructure in partner areas

I. 2040-2045

Strengthening reputation as a "World City for All"

- Develo road-based public transportation from the IKN railway and surrounding areas
- Strengthening integrated infrastructure and utilities
- Growth stability in IKN population
- Achieving net zerocarbon emissions and 100% renewable energy
- Sustainable industrial development
- Become the leading city in the world in terms of competitiveness

12 Fundamental Sectors In Capital City (IKN)





Renewable Energy



Telecommunications Network



Transportation



Housing



Water Treatment



Waste Management



Technology Infrastructure



Commercial Infrastructure



Medical Facilities



Social & Public Facilities



Education Facilities



Green Industrial Zone

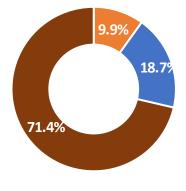
The National Strategic Project (PSN)



Based on Coordinating Minister Regulation Number 6 of 2024, there are 218 Projects and 15 Programs as PSN with an estimated total investment value (CapEx) of IDR 6.24647 trillion



Est. Total Investment Value (Construction)



PSN covers 14 sectors and 15 Program in total

































Program







Railway 13 Projects



1 Project

Energy



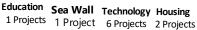
Ports Wastewater, Sea Wall Airport 17 Projects 15 Projects 9 Projects



Tourism 1 Projects









Program





Program

■ State Budget ■ SOE Budget ■ Private

















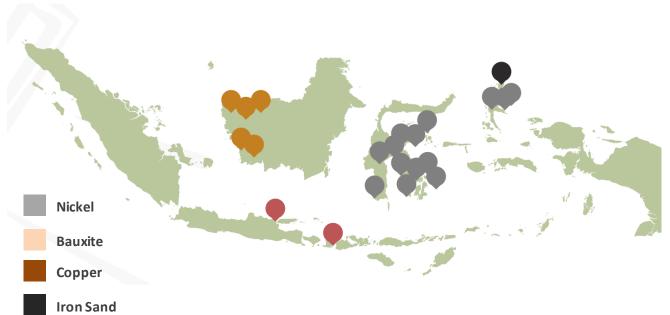
Border Dev. **Program**



Regional Dev.

National Strategic Project to the Processing of Critical Minerals





On the National Strategic Projects (PSN) list, there are **16 Mineral Smelters** with an estimated investment value reaching IDR 248.75 Trillion, and the total output is as follows:

THE SMELTER PRODUCT OUTPUTS	
NICKEL	2.570.630 FeNi
BAUXITE	3.000.000 SGA
COPPER	680.000 Chatode
IRON SAND	1.600.000 Iron Pig

Target Operasional Smelter

2025

ALREADY OPERATIONAL

1 Smelter (Rp30,3 T) PT Virtue Dragon Nickel Industry (2018)

1 Smelter (Rp5,79 T) PT Well Harvest Winning Alumina Refinary (Expansion)

1 Smelter (Rp 38,35 T)

2024

• PT Freeport Indonesia

 PT Aneka Tambang P3FH

1 Smelter (Rp 4,0 T)

• PT. Alchemist Metal Industry

1 Smelter (Rp 15 T)

• PT Amman Mineral Nusa Tenggara

1 Smelter (Rp 17,4 T)

 PT Dinamika Sejahtera Mandiri

4 Smelter (Rp 35 T)

- PT Ceria Nugraha Indotama
- PT Wanxiang Nickel Indonesia
- PT Artabumi Sentra Industri
- PT Artha Mining Industry

3 Smelter (Rp 95,29 T)

> 2025

- PT. Bahodopi Nickel Smelting Indonesia and Tambang PT Vale Indonesia Blok Bahodopi
- PT. Kolaka Nikel Indonesia dan Tambang PT.
 Vale Indonesia Blok Pomalaa
- Construction of Integrated Nickel Processing and Refining Facilities



Road Map Towards Net Zero Emissions: Supply and Demand



2025: Emission Reduction 231.2 Million tons CO2

Supply:

- Solar Power Plant/PLTS utilization roof
- Accelerate waste to energy
- Biomass Power Plant (PLTBm) small scale
- Cofiring for Steam Power Plant (PLTU)
- Additional Water-Power Plant (PLTA)

(inline with RUPTL 2021-2030)

Demand:

- Induction Cooktop 8.1million Household
- Dimethyl etherreplaceLPGForRT
- Implementation of 300 thousand electric cars and 1.3 million electric motorbikes
- Gas Network for 5.2 million SR
- Mandatory biodiesel 30% year 2025

2035:Emission Reduction 388 Million tons CO2

Supply:

- Green Hydrogen from New Renewable Energy (EBT) start in 2031
- Battery Energy Storage System (BESS) massive in 2034
- Capacity installed for Geothermal Power Plant (PLTP)
 11 GW in 2035

Demand:

- Induction Cooktop for 28.2 million household
- 9.3 million electric cars and 51 million electric motorbikes
- Gas network utilization for 15.2 million SR
- Biofuel used is maintained at 40%
- Implementation of Energy Management and SKEM

2050: Emission Reduction 1043.8 Million tons CO2

Supply:

- Green hydrogen For replacing gas natural fossil for high temperature heating process start from 2041
- Primary energy from EBT is higher than total fossilbased primary energy

Demand:

- Induction Cooktop for 46.6 million household.
- Use of 50.2 million electric cars and 163 million electric motorbikes.
- Gas network utilization for 22.7 million SR
- The use of biofuels in the industrial and transportation sectors is maintained at 40%



2021 - 2025

2026 - 2030

2031-2035

2036 – 2040

2041-2050

2051 - 2060

Supply:

- Additional power plant after 2030 only from EBT.
- Pump storage start in 2025.

Demand:

- Induction Cooktop for 18.1 million household
- 2 million electric cars and 13 million electric motorbikes
- Gas Network for 10.2 million SR
- Biofuels in the industrial and transportation sectors to 40%
- Energy Management and SKEM for 11 RT equipment

2030:Reduced emissions of 327.9 million ton

Supply:

- Nuclear use for electricity starting in 2039
- The development of Variable Renewable Energy (VRE) in the form of PLTS is increasingly massive, followed by PLTB bot on shore and off-shore starting in 2037.

Demand:

- CCS for the cement and steel sectors starting from 2036
- Low carbon fuel for shipping
- Use of induction stoves for 37.9 million households.
- 23 million el ectric cars and 101 million electric motorbike:
- Gas Network for 20.2 million SR
- Biofuels in the industrial and transportation sectors are maintained at 40%

2040:Reduced emissions of 629.4 million tons of

Supply:

- Emissions in the electricity sector will reach zero and emissions of 129 million tons of CO2-ein the industrial and transportation sectors
- Stop using gas for electricity

Demand:

- Use of CCS in Industry 13 million tons of CO2
- Induction stove of 54.3 million.
- 175 million el ectric motorbikes and 65 million el ectric cars
- Gas network utilization for 22.7 million SR
- Projected demand for electricity consumption is
 1,942 TWh and electricity consumption per capita is
 5,862 kWh/capita

2060: Reduced emissions of 1798 million tons of CO2

Innovative technology low-emission like CCS/CCUS can be applied to certain condition of fossil power plants to speed up subtraction emission in transition to energy which more-clean and more-greener.

*)PLTU on WilusPLN and Non-PLN: Maximum 30 year And IPP 25-30 year (in accordance PPA)

Progress Of BEV Ecosystem Development In Indonesia

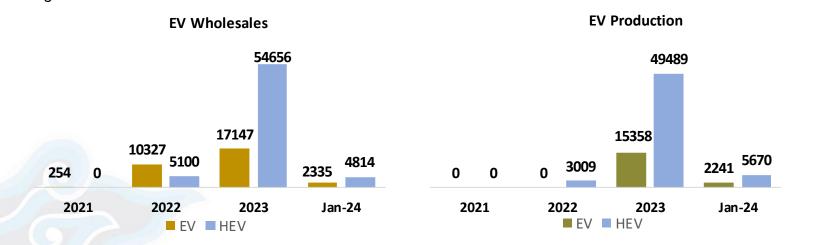


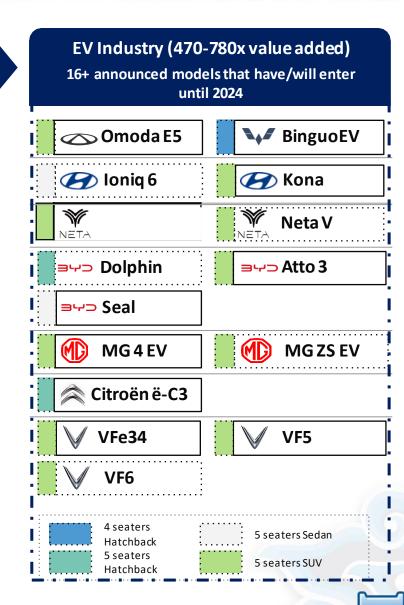




BATTERY ELECTRIC VEHICLES SALES (EV)

Throughout Jan-Des 2023, total BEV sales reached 17,147 units, dominated by Hyundai IONIQ with 7,449 units (43%) and Wuling Air with 5,578 units (33%). Meanwhile, the total production of EV cars will reach 15,358 units throughout 2023.





Commodity Downstreaming: Value Added and Benefits

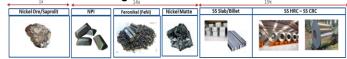


The industrial downstreaming program is intended to obtain a multiplier effect or multiple impacts from industrial downstreaming activities that have been proven to be real, including increasing the added value of domestic raw materials, attracting investment, generating large foreign exchange from exports, and increasing the number of labor absorption. The projected investment value in Indonesia's downstream roadmap reaches USD 545.3 billion. Some of the mineral downstream programs include the following commodities:

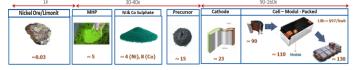
NICKEL ORE DOWNSTREAMING

The nickel ore export ban policy has been implemented in 2020.

Smelter Pirometalurgi



Smelter Hidrometalurgi



Potential added value:

- Ferronickel and stainless-steel billet = 14 19 times higher
- Raw materials in the production of Electric Vehicle (EV) batteries with domestic added value reaching 470 - 780 times

The number of nickel smelters that have been operating in Indonesia by September 2023:

- Pyrometallurgy-based: 44 smelters;
- Hydrometallurgy-based: 4 smelters.

BAUXITE ORE DOWNSTREAMING

Bauxite ore export ban policy has been implemented as of June 10, 2023.



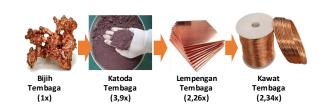
Potential added value:

- Aluminum has the potential to be 19-20 times higher;
- Aluminum profile to be 68-70 times higher.

The downstream product of bauxite, aluminum, also plays an important role as a raw material for solar module frames, module supports, inverters and connectors in solar power plants.

COPPER DOWNSTREAMING

Copper ore export ban policy in the context of downstreaming that will be implemented in June 2024.



Potential added value:

- Cathode is potentially 3.9 times higher
- Copper slab is 2.26 times higher.
- Copper wire to be 2.34 times higher.

The number of copper smelters that have operating in Indonesia until September 2023 as many as 2 smelters (PT Smelting Gresik and PT Batutua Tembaga Raya)

TIN DOWNSTREAMING

Need to deepen the industrial structure for tin downstreaming



Potential added value:

- Tin ingot has the potential to be 1.8 times
- Tin solder is 2 times
- Tin chemical is 3 times higher.

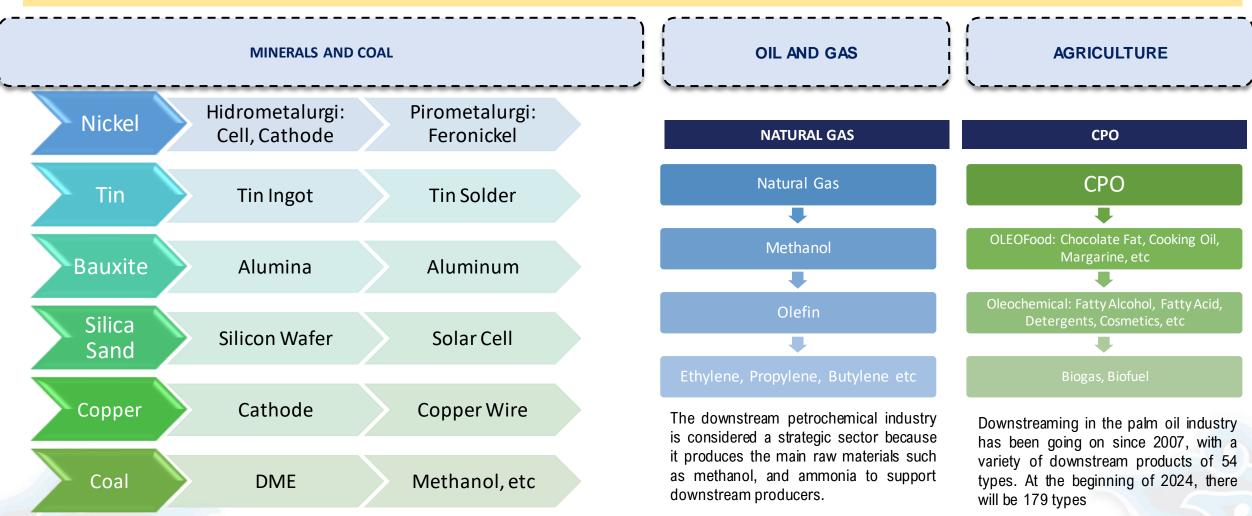
Tin solder products are used in the electronics and automotive industries, while tin chemicals are used in the Polyvinyl chloride (PVC) industry as tin stabilizer additives for the manufacture of construction pipes, profiles, transparent PVC plastics and as a substitute material for lead (Pb).

Source: Ministry of Industry, MEMR, BPS (2023)

Downstreaming: Transformation from Primary Sector Industry to Value-Added Industry



The industrial downstream program is intended to get a multiplier effect or multiple impacts from industrial downstream activities that have been proven to be real, including increasing the added value of domestic raw materials, attracting investment in the country, generating large foreign exchange from exports, and increasing the number of labor absorption. The downstream program includes the following commodities:



Source: Ministry of Industry, Energy and Mineral Resources, 2022

Indonesia's Increasing Role in the Global Semiconductor Supply Chain



DOMESTIC SEMICONDUCTOR PRODUCT INDUSTRY ECOSYSTEM





Semiconductor Assembly & Test



xırka



PT. Infineon Technologies Batam - Export Orientation Production capacity 22 million units/week and plans to increase to 150 PT. Xirka Darma Persada million units/week in 2030)

International Technology Security and Innovation (ITSI) Fund - DOS Amerika Serikat

- The United States offered Indonesia to join as one of the partners (offers were given to 7 partner countries) in the International Technology Security and Innovation (ITSI) Fund to strengthen semiconductor supply chains during the Indonesian Ambassador's meeting in Washington D.C with the US Department of State (US DOS) on June 8, 2023. Total funding from US DOS is USD500 million or with an allocation of USD100 million per year for five
- In the initial stage, US DOS cooperated with the OECD to conduct a semiconductor ecosystem review which is an evaluation of the feasibility of the ATP downstreaming ecosystem (Assembling, Testing, and Packaging) of the semiconductor industry.

DOMESTIC INDUSTRY DEMAND FOR SEMICONDUCTORS

and test sectors

Mobile Phones and Laptop Production 2022



Indonesia

Mobile Phones: 40.2 million units



Laptop: 4 juta unit

Produksi Home Appliances 2022















Total production realization: 125.03 million units.

Solar Capacity Target



Solar capacity target 2030: 4680 MWP

Semiconductors act one of them as a constituent component in the inverter in the solar panel unit.

KBL BB Production Target



KBL BB 4 wheels and more in 2035 target: 1 million units



Two and three wheeled KBL BB target by 2035:12 million units

INCENTIVES AND FACILITIES

Tax Holiday



Tax Allowance



Super Deduction



Special Economic Zones

Through Perka BKPM No.7 of 2020, the semiconductor manufacturing industry (KBLI 26120) can receive a tax holiday

Perka BKPM No.7 of 2020, The semiconductor manufacturing industry (KBLI 26120) can receive tax allowances.

RnD activities to focus on research on electronics, laptop computers, ICT, smart cards, electronic components and ICT components and vocational activities

Nongsa SEZ in Batam; Gresik SEZ in East Java, and Kendal SEZ in Central Java.

OPPORTUNITIES AND DIRECTIONS OF SEMICONDUCTOR ECOSYSTEM DEVELOPMENT

Strengthening and establishing fabless start-ups in 2024 in accordance with the use case specific needs of the industry in Indonesia.

Human Resource development partnerships supporting fabless, frontend and back-end industries from 2024.

Inviting the United States semiconductor industry to invest in Indonesia (Batam) starting from the back-end industry to build demand and ecosystem by 2024, according to the specificity of their respective businesses

The creation of a semiconductor ecosystem that supports investment in the front-end industry (wafer fabrication) is expected to be established by 2026

Description: The front-end industry includes foundry (wafer fabrication) while the back-end industry includes the OSAT industry (Assembly and packaging, and Testing & Measurement). Semiconductor Product HS Code (BTKI 2017 and 2022): 85414010; 85414021; 85414022; 85414029; 85414090; 85415000; 85419000; 85429000; 85414100; 85414200; 85414300; 85414900; 85414500;

The Government Focuses on Regulations and Procedures for Ease of Doing Business



Improvement in regulations in the context of structural reforms to the Job Creation Law and its derivative regulations can provide legal certainty to business actors.

Streamlining Administrative Procedures and a Positive Investment Climate

Ease of Doing Business Policy

Latest update

Impact on ease of doing business



Law No. 11 of 2020 concerning Job Creation



PERPPU 2 of 2022 concerning Job Creation has been issued



Providing legal certainty to business actors



Government Regulation No 5 of 2021



Revision of the Legal Draft and Appendix I/II



Improving risk-based licensing procedures (NSPK) and harmonization with other Government Regulations



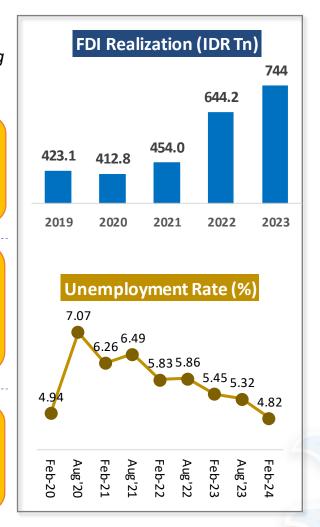
OSS RBA System



Assistance in conformity evaluation between Regulation and System



Better and smoother Business Licensing Services



Risk-Based Business Licensing Deregulation Measures to Encourage FDI



<u>Ex-ante Licensing</u> (satisfying all requirements in advance) is effectively replaced by ex-post licensing (the requirements are checked afterward), which will be particularly advantageous for low- and medium-risk businesses.

Starting a Business



The Government implemented OSS-RBA on **August 9, 2021,** based on Regulation 5 of 2021.

Low Risk

Medium Risk

High Risk

Business Identification Number Issued = 9,536,922 Period August 4, 2021 – June 27, 2024

Based on Business

Actor: • Business En

- Business Entity = 885,249
- Individual = 8,294,637

Based on Investment Type:

- FDI = 29,848
- DDI = 9,150,038

Based on Business Scale:

- Micro = 8,885,226
- Small = 212,545
- Medium = 26,264
- Large = 55,851

Action Plans

Short - Medium-term

- Accelerate the reduction of Ex Ante licenses toward Ex Post compliance (Risk-Based Approach)
- Towards technical regulations for risk management Third Party System
- Establish OSS as a national portal for business licenses with legal security

Long-term

Speed up better development approach (e.g., climate change, etc.)

Doing Business

RISK-BASED TARGETING — Optimizing Effectiveness and Cost of Monitoring:

- Resource and time limitations
- Focus on critical hazards that are more likely to arise
- Consider random inspections because blanket inspections are not appropriate, resulting in excessively costly (for countries and businesses)

INSPECTION:

- Based on the risk
- Inspection is carried out to ensure the implementation of operational and commercial activities according to business standards
- Exception in the implementation of supervision for Micro and Small Enterprises
- Implementation of inspections can be carried out by certified professionals (third parties).

The Progress of Development Monitoring/IPSNection Subsystem

Of the 44 modules in the monitoring (inspection) subsystem:

- 36 modules have been completed/embedded in the OSS RBA (go-live)
- 8 modules are still in the process of User Acceptance Testing (UAT)

Encouraging Investment:Indonesia Investment Authority (INA) to Accelerate FDI



Legal basis •Government Regulations Number 73 of 2020 concerning Initial Capital for the Indonesia Investment Authority

- •Government Regulations Number 74 of 2020 concerning the Indonesia Investment Authority
- •Government Regulations Number 49 of 2021 concerning Tax Treatment of Transactions Involving the Indonesia Investment Authority and/or Entities Owned
- Government Regulations Numbers 110 and 111 of 2021 concerning the Addition of State Equity Participation to the Capital of Investment Management Institutions



Update on Progress

- Fruitful partnerships with various institutional investors have resulted in >USD 25 billion in collective commitments. INA has deployed >USD 3 billion of capital to date together with investor partners and will potentially deploy close to USD 3.5 billion by the end of 2023
- ☐ Investment opportunity that has been completed (closed):
- Digital infrastructure: Mitratel's IPO for a total transaction size of USD 800 million together with ADIA, ADG, GIC
- Toll Road: Investment into SMR PPTR (Waskita Karya Toll Road) for an upfront transaction size of USD 400 million together with CDPQ, ADIA, APG
- Tourism/Digital: Investment into Traveloka for a total transaction size of USD 300 million with BlackRock, Allianz, and other leading institutions
- Healthcare: Investment into a significant minority stake in Kimia Farma Apotek and subscription into Kimia Farma (KAEF IJ)'s MCB for a total transaction size of USD 150 million with Silk Road Fund
- Infrastructure & Logistics: ESR and Mitsubishi Corp for a total transaction size of USD 100 million for three modern warehouse asses, Hutama Karya two-toll road assets in Trans Sumatera for a total transaction of USD 1 billion. DP World and Pelindo investment for the development of an international container terminal
- Green Energy: Anchor investor into the IPO of Pertamina Geothermal Energy (PGEO IJ) for a total transaction size of USD 490 million with Masdar
- ☐ Current cooperation agreements secured are:
- Toll Road: Investment platform with ADIA, APG for USD 2.75 billion.
- Seaports: Alliance agreement with DP World for developing container ports and supporting maritime logistics infrastructure amounting to USD 7.5 billion throughout the concession period.
- Green Sector: USD 2 billion investment for Optimizing blended finance in ETM programs such as ADB, SMI, PLN, Global Energy Alliance with CATL Green EV Fund
- Logistic Fund: USD 500 million Forming fund to invest into logistic assets across Indonesia with Manulife
- General: USD 10 billion investment framework agreement with ADG for various sectors in Indonesia
- General: USD 3 billion investment framework agreement with SRF for various sectors in Indonesia

Investment Realization Q2 2024





Investment Realization Quarter II, 2024

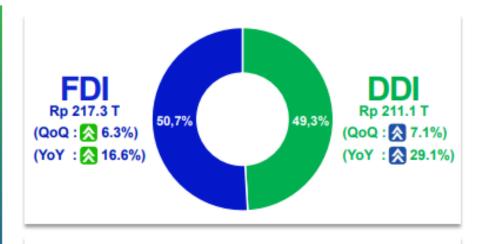


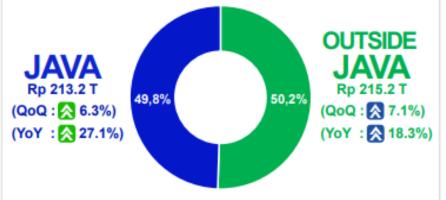
Rp **428.4** Trillion (QoQ: ⋈ 6.7%) (YoY: ⋈ 22.5%)

Absorbed Indonesian Labor:

677,623



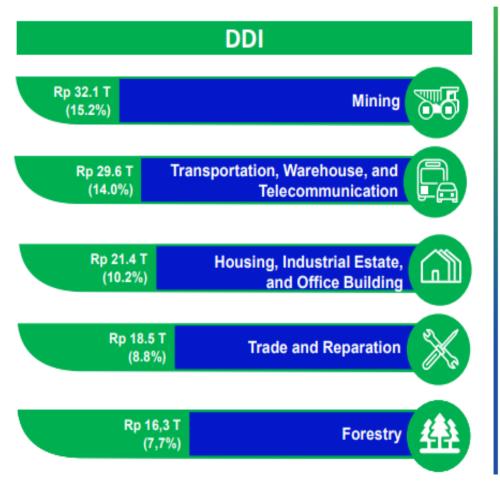


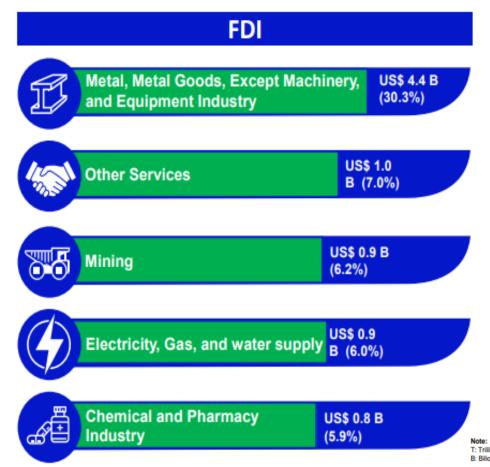


Investment Realization Based on Subsector January – June 2024



Top 5 Realization Based on Subsector Quarter II, 2024





Investment Realization Based on Country of Origin January – June 2024



Top 5 Realization Based on Country Quarter II, 2024



