Morning Briefing



- Global stock indices closed in positive territory in the first trading day of November last Friday (01/11/24), with AMAZON.com shares rallying following a better-than-expected earnings report, while the 10-year US TREASURY YIELD hit a 4-month high as investors increasingly refrained from buying bonds before the US ELECTION on Tuesday (05/11/24). The DJIA rose 28.73 points, or 0.69%, to close at 42,052.19; the S&P 500 gained 0.41%, the Nasdaq Composite lifted 0.80%. The MSCI GLOBAL stock index rose 2.85 points, or 0.34%, to 835.15.
- MARKET SENTIMENT: US Treasury yields initially fell after US NONFARM PAYROLL data for October showed the US economy barely added jobs in October with a figure of just 12k (much lower than the consensus of 106k and down sharply from the Sept figure which was already revised down to 223k), although the Oct labor data was understandably affected by hurricane disruptions and industrial strikes. However, the Unemployment Rate (Oct) in the US remained stable at 4.1%, as well as Average Hourly Earnings (Oct) which increased by 0.4% mom provided assurance that the labor market remains in a solid position.
 - S&P GLOBAL US Manufacturing PMI (Oct) showed the manufacturing industry improved to 48.5 from 47.8 in the previous month, although it has not yet moved out of contraction territory.

- MARKET REBALANCING: After market, S&P Dow Jones Indices said NVIDIA will be added to the Dow Jones Industrial Average, replacing Intel. Nvidia shares rose 1.9% in after-hours trading while Intel fell 1.4%. COMPANY FINANCIAL REPORTS presented an improved outlook for AMAZON.COM's performance in the holiday-suggested 4th quarter, boosting its share price 6.2%; offsetting APPLE's 1.2% decline following the iPhone maker's moderate growth outlook. With the outlook still optimistic on the big Tech names, the recent sell-off is likely to be utilized as an opportunity to buy back the stocks.

- as an opportunity to us years the stocks.

 US ELECTION: Polls show Republican DONALD TRUMP and Democratic Vice President KAMALA HARRIS almost neck and neck in the final days leading up to the US ELECTION. Some strategists say the US fiscal trajectory is expected to worsen under either Trump or Harris.
- FIXED INCOME & CURRENCY: The benchmark 10-year US TREASURY YIELD was last up 7.7 basis points at 4.361%, the highest since July 5. This followed a total increase of 48 basis points throughout October, which was the largest monthly increase since April.
 - THE US DOLLAR strengthened against the Euro and recovered against most major currencies after traders digested US jobs data. The Euro was down 0.40% against the Dollar at USD 1.043. The DOLLAR INDEX (DVI), which tracks the greenbacks strength against six other major currencies, was up 0.36% at 104.24. The dollar rose 0.60% against the yen to 152.94, ahead of the end of the three-day week in Japan. Early last week, the Yen got a boost from less dovish comments from Bank of Japan Governor Kazuo Ueda following the central bank's decision not to change policy.
 - BITCOIN, the world's largest cryptocurrency by market capitalization, was up 0.57% on the day at USD 69,531 (= IDR 1.09 billion).
- EUROPE & ASIA MARKETS: Major European stock indices recorded their biggest one-day gains in 5 weeks, as banks led the overall market recovery after recent declines. The STOXX 600 index ended 1.09% higher.
 - MANUFACTURING PMI: CHINA said the Caixin Manufacturing PMI (Oct) managed to be brought back into expansionary territory at a reading of 50.3. The result was in contrast to the UK which reported the S&P Global UK Manufacturing PMI (Oct) which actually slipped below the 50 mark. Today it's the turn of GERMANY & EUROZONE to find out how their manufacturing activity developed in Oct via HCOB Manufacturing PMI data, while the US watches Factory Orders (Sept) growth.
- COMMODITIES: OIL extended its recent rally amid reports that IRAN is preparing a retaliatory strike against ISRAEL from Iraqi territory in the coming days. BRENT crude oil futures rose 29 cents to USD 73.10/barrel, while US WTI crude oil gained 23 cents to USD 69.49. GOLD prices fell slightly, pressured by a stronger US pollar.
- INDONESIA: CIC closed the first trading day of November with a red note: depreciated 68.76 pts / -0.91% to 7505.25 level, driven down by Financials, Energy, and Basic Industry sectors. NHKSI RESEARCH expects market participants to be every focused on the fate of ICI in the near future, whether it will weaken further or be able to rebound around the critical Support of 7500-7450. From the economic data: indonesia's annual Inflation rate fell to 1.71% in October 2024, marking the lowest level since October 2021 while remaining within the central bank's target range of 1.5% to 3.5%. On a monthly basis, CPI edged up by 0.08% in October, the first monthly increase in 6 months, after a 0.12% decline in September. Meanwhile, foreign tourist arrivals in Indonesia increased by 19.53% yoy to 1.28 million in September, as the tourism sector continued to recover. The S&P GLOBAL Indonesia Manufacturing PMI has not been able to move into expansionary territory, remaining at 49.2 in October 2024, unchanged for the second consecutive month, and showing a decline in factory activity for the fourth consecutive month.

- BIRD: Surplus 20.6 Percent, BIRD Third Quarter 2024 Profit IDR 436 Billion
- SCMA: Jumping 115 Percent, SCMA in the Third Quarter of 2024 Reaped IDR 509 Billion Profit
- SMAR: CPO Issuer of Sinarmas Group Earns IDR 1.03 Trillion, Almost Doubled

Airlangga Talks about Debt Write-off Rules for Farmers & Fishermen Rising from the Depression, China's Property Market Begins to Revive

Sectors

	Last	Chg.	%
Healthcare	1522.28	-41.42	-2.65%
Energy	2729.92	-23.72	-0.86%
Technology	4002.49	0.40	0.01%
Industrial	1095.51	-7.05	-0.64%
Property	834.02	-2.87	-0.34%
Consumer Non-Cyclicals	747.95	-19.59	-2.55%
Finance	1516.27	-8.34	-0.55%
Consumer Cyclicals	880.78	-4.96	-0.56%
Transportation & Logistic	1478.66	-40.16	-2.64%
Basic Material	1400.59	-25.95	-1.82%
Infrastructure	1492.57	-13.44	-0.89%

Indonesia Macroeconomic Data

Monthly Indicators	Last	Prev.	Quarterly Indicators	Last	Prev.
BI 7 Day Rev Repo Rate	6.00%	6.00%	Real GDP	5.05%	5.11%
FX Reserve (USD bn)	149.92	150.20	Current Acc (USD bn)	-3.02	-2.16
Trd Balance (USD bn)	3.26	2.90	Govt. Spending Yoy	1.42%	19.90%
Exports Yoy	6.44%	7.13%	FDI (USD bn)	4.89	6.03
Imports Yoy	8.55%	9.46%	Business Confidence	104.82	104.30
Inflation Yoy	1.71%	1.84%	Cons. Confidence*	123.50	124.40



Daily | November 4, 2024

JCI Index

November 1	7,505.25
Chg.	-68.76 pts (-0.91%)
Volume (bn shares)	20.07
Value (IDR tn)	11.04

Up 163 Down 382 Unchanged 126

Most A	ctive Sto	cks	(IDR br
by Value			
Stocks	Val.	Stocks	Val.
BBRI	1,116.3	BRMS	294.4
BMRI	670.4	TLKM	277.5
ADRO	549.3	ASII	276.5
BBCA	494.3	PTRO	273.7
PANI	380.1	AMMN	151.3

Foreign Transaction (IDR bn)

Buy

Sell

Net Buy (Sell)

Top Buy	NB Val.	Top Sell	NS Val.
ASII	45.6	BBRI	291.6
MAPA	36.0	TLKM	74.2
INDF	21.4	BMRI	47.9
EXCL	17.5	MAPI	30.2
AMMN	14.9	KLBF	25.3

Government Bond Yields & FX

	Last	Chg.
Tenor: 10 year	6.79%	-0.01%
USDIDR	15,720	0.15%
KRWIDR	11.41	0.14%

Global Indices

Index	Last	Chg.	%
Dow Jones	42,052.19	288.73	0.69%
S&P 500	5,728.80	23.35	0.41%
FTSE 100	8,177.15	67.05	0.83%
DAX	19,254.97	177.43	0.93%
Nikkei	38,053.67	(1027.58)	-2.63%
Hang Seng	20,506.43	189.10	0.93%
Shanghai	3,272.01	(7.81)	-0.24%
Kospi	2,542.36	(13.79)	-0.54%
EIDO	21.10	(0.36)	-1.68%

Commodities

Commodity	Last	Chg.	%
Gold (\$/troy oz.)	2,736.5	(7.4)	-0.27%
Crude Oil (\$/bbl)	69.49	0.23	0.33%
Coal (\$/ton)	143.95	(0.10)	-0.07%
Nickel LME (\$/MT)	15,944	226.0	1.44%
Tin LME (\$/MT)	31,724	511.0	1.64%
CPO (MYR/Ton)	4,868	172.0	3.66%



BIRD : Surplus 20.6 Percent, BIRD Third Quarter 2024 Profit IDR 436 Billion

Blue Bird (BIRD) in the January-September 2024 edition posted a net profit of IDR 436.3 billion. Jumped 20.60 percent from the same period last year worth IDR 360.38 billion. Therefore, basic and diluted earnings per share are IDR 174 from the previous IDR 144. Net revenue of IDR 3.66 trillion, a surplus of 13.66 percent from the same position last year of IDR 3.22 trillion. Direct expenses were IDR 2.48 trillion, a 12.72 percent increase from the same phase last year of IDR 2.2 trillion. Gross profit was recorded at IDR 1.17 trillion, jumping 14.70 percent from the same period last year of IDR 1.02 trillion. Operating expenses were IDR 722.98 billion, up from IDR 1.99.51 billion. Operating profit was IDR 456.71 billion, up from IDR 426.01 billion. Gain on disposal of non-current assets held for sale IDR 66.37 billion, up from IDR 25.27 billion. Interest income IDR 27.52 billion, surplus from IDR 22.55 billion. (Emiten News)

SCMA : Jumping 115 Percent, SCMA in the Third Quarter of 2024 Reaped IDR 509 Billion Profit

Surya Citra Media (SCMA) as of September 30, 2024 posted a net profit of IDR 509.34 billion. Jumping 115 percent from the same episode last year worth IDR 236.59 billion. Thus, basic earnings per share became IDR 8.04 from previously only IDR 3.74. Net revenue of IDR 5.14 trillion, up 7.3 percent from the same position last year of IDR 4.79 trillion. Program and broadcast expenses were IDR 3.24 trillion, swollen from the same edition last year of IDR 3.18 trillion. Operating expenses collected IDR 1.36 trillion, swollen from the same period last year of IDR 1.32 trillion. Other operating income was IDR 44.52 billion, a significant jump from the same phase last year of IDR 15.27 billion. Other operating expenses were IDR 30.1 billion, down from IDR 34.98 billion. Operating profit was recorded at IDR 548.56 billion, up significantly from IDR 260.5 billion. Finance income was IDR 107.66 billion, up from IDR 63.62 billion. The share of profit from associates was IDR 7.8 billion, soaring from the same edition last year of IDR 5.22 billion. (Emitten News)

SMAR : CPO Issuer of Sinarmas Group Earns IDR 1.03 Trillion, Almost Doubled

Palm oil plantation issuer PT Sinar Mas Agro Resources and Technology Tbk (SMAR) recorded rapid growth in net profit almost doubled for the period ended September 30, 2024. Based on the financial report, the moncer performance of SMAR's net profit was driven by net sales which rose 15.09% on an annual basis (year on year / YoY) to IDR 56.29 trillion as of the third quarter of 2024, compared to the same period the previous year of IDR 48.9 trillion. The growth in net sales came from an increase in sales volume and higher selling prices. Most of the company's revenue comes from palm oil derivative products, namely branded and unbranded processed products, including biodiesel and oleochemicals. Sales of palm oil derivative products accounted for 77% of total sales. Meanwhile, sales of crude palm oil (CPO) and other non-processed products accounted for the remaining 23%. Meanwhile, SMAR's cost of goods sold was recorded at IDR 50.97 trillion as of Q3/2024, up 16.33% (YoY). SMAR's gross profit also reached IDR 5.31 trillion as of Q3/2024, up 4.46% (YoY). (Bisnis)

Domestic & Global News

Airlangga Talks about Debt Write-off Rules for Farmers & Fishermen

Coordinating Minister for Economic Affairs Airlangga Hartarto stated that the government is currently drafting a Government Regulation (RPP) related to the policy of writing off and collecting debts of farmers and fishermen. He said that the policy of writing off and collecting the debts of farmers and fishermen aims to help the community to receive credit or loans again. Airlangga revealed that people who experience problems paying their receivables or bad credit are recorded in the Ministry of Finance's database, so they cannot apply for loans again or enjoy other banking facilities. "Therefore, this is a kind of 'moratorium' for those who have had problems, so that with this write-off and write-off, it is hoped that credit for the community can roll back," he said. Airlangga said that the policy was implemented limited to state-owned banks or the Association of State-Owned Banks (Himbara) because the amount of receivables recorded from the two groups was already too large. In addition, these banks cannot write-off, although they can do so, unlike private banks. "So, this (policy) is purely to support Himbara because the amount (related to the credit debts of farmers and fishermen) is already quite large. They can write-off but not write-off," he said. (Bisnis)

Rising from the Depression, China's Property Market Begins to Revive

Residential property sales in China began to improve in October 2024. This increase was the first in 2024 after the Chinese property market was reported to have slumped. Launching the Bloomberg report, the initial increase occurred after the Chinese government routinely poured housing stimulus which was considered effective in returning buyers' interest. As a result, the sales value of new homes from the 100 largest developers in China increased 7.1% compared to the previous year (year-on-year / YoY) to USD 61.2 billion or around IDR 96.99 trillion (assuming an exchange rate of IDR 15,849 per US dollar). This position managed to reverse from the previous month, when in September 2024 the home sales figures of the 100 largest developers in China collapsed 37.7%. This improvement occurred after China issued its strongest policy package, including cutting borrowing costs for existing mortgages, relaxing restrictions on purchases in major cities and easing down payment requirements. However, the improvement in property sales has not occurred evenly and is generally most massively felt by China's state-owned developers. (Bisnis)



		End of			Upside	1 Year	Market	Price /		Return	Dividend	Sales	EPS	
	Last Price	Last Year	Target Price*	Rating	Potential		Сар	EPS	Price / BVPS	on	Yield TTM	Growth	Growth	Adj. Beta
	Price	Price			(%)	(%)	(IDR tn)	(TTM)	BVF3	Equity (%)	(%)	Yoy (%)	Yoy (%)	beta
Finance							3.969.7							
BBCA	10.250	9.400	11.500	Overweight	12.2	17.1	1.263.6	23.7x	4.9x	21.7	2.6	9.9	12.9	0.9
BBRI	4.800	5.725	5.550	Buy	15.6	(3.2)	727.5	11.8x	2.2x	19.4	6.6	12.8	2.4	1.3
BBNI	5.250	5.375	6.125	Buy	16.7	9.6	195.8	9.1x	1.2x	14.3	5.3	6.6	3.4	1.1
BMRI	6.700	6.050	7.775	Buy	16.0	18.1	625.3	10.8x	2.3x	22.5	5.3	11.0	7.6	1.1
Consume							1.101.5							
INDF	7.600	6.450	7.400	Hold	(2.6)	14.3	66.7	10.4x	1.1x	10.9	3.5	2.2	. ,	0.6
ICBP	12.325	10.575	13.600	Overweight	10.3	19.1	143.7	29.9x	3.4x	11.8	1.6	7.2	. ,	0.5
UNVR	1.965	3.530	3.100	Buy	57.8	(45.7)	75.0	20.7x	21.8x	82.2	7.1	(10.1)	(28.2)	0.3
MYOR	2.600	2.490	2.800	Overweight	7.7	(8.8)	58.1	18.2x	3.7x	21.4	2.1	12.0		0.3
CPIN	5.250	5.025	5.500	Hold	4.8	(9.5)	86.1	31.9x	3.0x	9.7	0.6	6.7		0.5
JPFA	1.830	1.180	1.400	Sell	(23.5)	49.4	21.5	10.2x	1.4x	14.6	3.8	9.3		1.1
AALI	6.775	7.025	8.000	Buy	18.1	(3.9)	13.0	12.3x	0.6x	4.8	3.7	3.9		0.7
TBLA	680	695	900	Buy	32.4	(20.0)	4.1	6.8x	0.5x	7.2	5.9	2.9	(10.3)	0.4
Consume			500		22.2	40.5	486.8	5.0	0.0	40.0	2.0	40.5	50.0	
ERAA	450	426	600	Buy	33.3	12.5	7.2	6.3x	0.9x	12.3	3.8	13.5		0.8
MAPI	1.580	1.790	2.200	Buy	39.2	٠,	26.2	15.3x	2.3x	16.4	0.5	16.1	٠,	0.8
HRTA Healthcar	464	348	590	Buy	27.2	7.9	2.1 304.0	6.6x	1.0x	16.5	3.2	33.5	10.8	0.3
KLBF	1.615	1.610	1.800	Ovonvoight	11.5	(4.4)	75.7	24.2x	3.4x	14.4	1.9	7.4	15.7	0.5
SIDO	610	525	700	Overweight Overweight	14.8	19.6	18.3	16.0x	5.4x	32.4	5.0	11.2		0.5
MIKA	2.710	2.850	3.000	Overweight	10.7	(1.1)	37.7	34.2x	6.1x	18.7	1.3	14.6		0.5
Infrastruc		2.000	3.000	Overweight	10.7	(1.1)	1.689.99	34.21	0.17	10.7	1.3	14.0	21.2	0.5
TLKM	2.820	3.950	4.550	Buy	61.3	(19.2)	279.4	12.3x	2.1x	17.1	6.3	0.9	(9.4)	1.2
JSMR	4.850	4.870	6.450	Buy	33.0	13.8	35.2	8.5x	1.2x	30.4	0.8	44.6		0.8
EXCL	2.250	2.000	3.800	Buy	68.9	(0.9)	29.5	17.9x	1.1x	6.3	2.2	8.2	. ,	0.8
TOWR	800	990	1.070	Buy	33.8	(10.1)	40.8	12.2x	2.3x	20.5	3.0	8.4		0.9
TBIG	1.900	2.090	2.390	Buy	25.8	(8.2)	43.0	26.8x	3.8x	14.6	3.2	4.1		0.4
MTEL	630	705	840	Buy	33.3	1.6	52.6	24.9x	1.6x	6.2	2.9	8.7		0.7
PTPP	446	428	1.700	Buy	281.2	(21.1)	2.9	5.4x	0.2x	4.4	N/A	14.5	10.3	1.8
Property	& Real Es	tate					523.2							
CTRA	1.340	1.170	1.450	Overweight	8.2	20.7	24.8	12.8x	1.2x	10.6	1.6	8.0	8.5	0.7
PWON	478	454	530	Overweight	10.9	19.5	23.0	10.1x	1.1x	11.7	1.9	4.7	11.8	0.7
Energy							1.668.9							
ITMG	25.075	25.650	27.000	Overweight	7.7	(5.5)	28.3	5.7x	1.0x	18.1	11.9	(19.2)	(59.3)	0.9
PTBA	2.960	2.440	4.900	Buy	65.5	19.4	34.1	6.1x	1.7x	28.2	13.4	10.5	(14.6)	1.0
ADRO	3.620	2.380	2.870	Sell	(20.7)	41.4	111.3	4.4x	0.9x	22.4	11.3	(10.6)	(2.6)	1.1
Industria							387.8							
UNTR	27.450	22.625	28.400	Hold				4.8x		26.0				1.0
ASII	5.100	5.650	5.175	Hold	1.5	(11.7)	206.5	6.1x	1.0x	17.1	10.2	2.2	0.6	1.0
Basic Ind							2.153.9							
AVIA	478	500	620	Buy				17.9x		16.9				0.3
SMGR	3.950	6.400	9.500	Buy				14.8x		4.2				1.2
INTP	7.200	9.400	12.700	Buy				14.6x		8.3				0.7
ANTM	1.600	1.705	1.560	Hold				15.8x		8.9				1.1
MARK	1.165	610		Underweight				15.9x		29.0				0.8
NCKL	900	1.000	1.320	Buy	46.7	(7.7)		10.3x	2.2x	24.9	3.0	25.0	(5.1)	N/A
Technolo				0	40.0	40.5	346.5		2.4	1999 51	51/5			4.5
GOTO	68	86		Overweight				N/A		(111.9)	-			1.8
WIFI	374	154	424	Overweight	13.4	128.0		6.2x	1.1x	19.2	0.3	40.1	811.2	1.3
Transpor		_	1 100	n	41.0	(4.0)	44.2	14.4	4 4	10.3	2.5		75.0	4.0
ASSA	775	790	1.100	Buy				14.4x		10.3				
BIRD	2.100	1.790	1.920	Underweight	(8.6)	6.1	5.3	10.1x	0.9x	8.4	4.3	13.5	18.6	0.8

^{*} Target Price Source: Bloomberg, NHKSI Research

Global & Domestic Economic Calendar



Date	Country	Hour Jakarta	Event	Actual	Period	Consensus	Previous
Monday	-	-	-	-	-	-	-
28 – October							
Tuesday	JP	06.30	Jobless Rate	2.4%	Sep	2.5%	2.5%
29 – October	US	21.00	Conf Board Consumer Confidence	108.7	Oct	98.8	98.7
Wednesday	US	18.00	MBA Mortgage Applications	-0.1%	Oct 25	-	-6.7%
30 – October	US	18.00	ADP Employment Change	233k	Oct	111k	143k
	US	18.00	GDP Annualized QoQ	2.8%	3Q A	2.9%	3.0%
Thursday	US	19.30	Initial Jobless Claims	216k	Oct 26	230k	227k
31 – October	US	20.45	MNI Chicago PMI	41.6	Oct P	47.0	46.6
	US	20.45	Personal Income	0.3%	Oct P	0.4%	0.2%
	US	21.00	Personal Spending	0.5%	Sep	0.4%	0.2%
Friday	US	19.30	Change in Nonfarm Payrolls	-	Oct	120k	254k
01 – November	US	19.30	Unemployment Rate	-	Oct	4.1%	4.1%
	US	20.45	S&P Global US Manufacturing PMI	-	Oct F	-	47.8
	US	21.00	ISM Manufacturing	-	Oct	47.6	47.2

Source: Bloomberg, NHKSI Research

Corporate Calendar

Date	Event	Company		
Monday	RUPS	INET		
04 – November	Cum Dividend	SIDO		
Tuesday	RUPS	BBSI, BLUE, SIAP		
05 – November	Cum Dividend	BSSR, WINS		
Wednesday	RUPS	GDYR		
06 – November	Cum Dividend	-		
Thursday	RUPS	FUTR, NETV		
07 – November	Cum Dividend	SMSM, TAPG, VRNA		
Friday	RUPS	BISI, JATI		
08 – November	Cum Dividend	ТЕВЕ		

Source: IDX, NHKSI Research





IHSG

Return to support area, potential cup n handle

Support: 7435-7475 / 7320-7350 / 7040-7100

Resistance: 7880-7900 / 7740-7800

Advise: wait n see

BBRI — PT Bank Rakyat Indonesia (Persero) Tbk



PREDICTION 4 November 2024

Positive RSI divergence

Spec buy

Entry: 4700-4630

TP: 4970-5025 / 5250-5300 / 5500

SL: 4500

BMRI — PT Bank Mandiri (Persero) Tbk.



PREDICTION 4 November 2024

Descending parallel channel

Spec buy Entry: 6650

TP: 7075-7175 / 7300 / 7450-7550

SL: 6500

ACES — PT Aspirasi Hidup Indonesia Tbk



PREDICTION 4 November 2024
Ascending parallel channel

Spec buy Entry:900

TP: 940-950 / 975-995

SL: 875

MDKA — PT Merdeka Copper Gold Tbk



PREDICTION 4 November 2024

Price on up trend line

High risk spec buy Entry: 2350

TP: 2480-2500 / 2580-2600 / 2720-2780

SL: 2300

MEDC — PT Medco Energi Internasional Tbk



PREDICTION 4 November 2024 At swing support

Swing buy Entry: 1265-1240

TP: 1345-1355 / 1395-1400 / 1435-1460

SL: 1200



Research Division

Head of Research

Liza Camelia Suryanata

E liza.camelia@nhsec.co.id

Equity Strategy, Macroeconomics, Technical T +62 21 5088 ext 9134

Analyst

Axell Ebenhaezer

Mining, Property
T +62 21 5088 ext 9133
E Axell.Ebenhaezer@nhsec.co.id

Analyst

Ezaridho Ibnutama

Consumer Goods, Poultry, Healthcare T +62 21 5088 ext 9126 E ezaridho.ibnutama@nhsec.co.id

Analyst

Richard Jonathan Halim

Technology, Transportation T +62 21 5088 ext 9128 E Richard.jonathan@nhsec.co.id

Analyst

Leonardo Lijuwardi

Banking, Infrastructure T +62 21 5088 ext 9127 E leonardo.lijuwardi@nhsec.co.id

Research Support

Amalia Huda Nurfalah

Editor & Translator T +62 21 5088 ext 9132 E amalia.huda@nhsec.co.id

DISCLAIMER

This report and any electronic access hereto are restricted and intended only for the clients and related entities of PT NH Korindo Sekuritas Indonesia. This report is only for information and recipient use. It is not reproduced, copied, or made available for others. Under no circumstances is it considered as a selling offer or solicitation of securities buying. Any recommendation contained herein may not suitable for all investors. Although the information hereof is obtained from reliable sources, its accuracy and completeness cannot be guaranteed. PT NH Korindo Sekuritas Indonesia, its affiliated companies, employees, and agents are held harmless form any responsibility and liability for claims, proceedings, action, losses, expenses, damages, or costs filed against or suffered by any person as a result of acting pursuant to the contents hereof. Neither is PT NH Korindo Sekuritas Indonesia, its affiliated companies, employees, nor agents are liable for errors, omissions, misstatements, negligence, inaccuracy contained herein.

All rights reserved by PT NH Korindo Sekuritas Indonesia





PT. NH Korindo Sekuritas Indonesia

Member of Indonesia Stock Exchange

JAKARTA (HEADQUARTER)

Treasury Tower 51th Floor, District 8, SCBD Lot 28,
Jl. Jend. Sudirman No.Kav 52-53, RT.5/RW.3,
Senayan, Kebayoran Baru, South Jakarta City, Jakarta 12190
No. Telp: +62 21 5088 9102

BANDENGAN (Jakarta Utara)

Jl. Bandengan Utara Kav. 81 Blok A No. 01, Lt. 1 Kel. Penjaringan, Kec. Penjaringan Jakarta Utara – DKI Jakarta 14440 No. Telp: +62 21 66674959

BALI

Jl. Cok Agung Tresna Ruko Griya Alamanda no. 9 Renon Denpasar, Bali 80226 No. Telp: +62 361 209 4230

KAMAL MUARA (Jakarta Utara)

Rukan Exclusive Mediterania Blok F No.2, Kel. Kamal Muara, Kec. Penjaringan, Jakarta Utara 14470 No. Telp: +62 21 5089 7480

PEKANBARU

Sudirman City Square
Jl. Jend. Sudirman Blok A No. 7
Pekanbaru, Riau
No. Telp: +62 761 801 1330

BANDUNG

Paskal Hypersquare blok A1 Jl. Pasirkaliki no 25-27 Bandung 40181 No. Telp: +62 22 860 22122

ITC BSD (Tangerang Selatan)

BSD Serpong: ITC BSD Blok R No. 48
Jalan Pahlawan Seribu, Lekong Wetan,
Kec. Serpong, Kel. Serpong
Tangerang Selatan – Banten 15311
No. Telp: +62 21 509 20230

MAKASSAR

JL. Gunung Latimojong No. 120A Kec. Makassar Kel. Lariang Bangi Makassar, Sulawesi Selatan No. Telp: +62 411 360 4650

A Member of NH Investment & Securities Global Network

Seoul | New York | Hong Kong | Singapore | Shanghai | Beijing | Hanoi | Jakarta