

Market Activity

Thursday, 04 Dec 2025

Market Index	:	8,640.2	
Index Movement	:	+28.4	0.33%
Market Volume	:	45,507	Mn shrs
Market Value	:	18,337	Bn rupiah

	Last Close	Changes	
		+/-	%
Leading Movers			
DSSA	113,875	1,950	1.7
UNTR	30,675	1,975	6.9
FILM	10,475	700	7.2
TLKM	3,630	50	1.4

Lagging Movers			
BREN	9,450	-175	-1.8
BBCA	8,225	-75	-0.9
CASA	1,510	-100	-6.2
AMMN	6,400	-125	-1.9

Foreign Net Buy / Sell (Regular Market)

Net Buy (IDR bn)		Net Sell (IDR bn)	
UNTR	149	BBCA	243
ASII	126	BBRI	175
BMRI	105	BKSL	70
TINS	93	ANTM	66
IMPC	79	CDIA	62

Money Market

	Last Close	Changes	
		+/-	%
USD/IDR	16,650	28.0	-0.2
JIBOR O/N	5.9	0.0	-0.3

Dual Listing Securities

	Last Close	Changes	
		+/-	%
TLKM	21.9	0.1	0.6
EIDO	18.8	0.0	-0.2

Global Indices

	Last Close	Changes	
		+/-	%
DJIA	47,427	-32	-0.07
S&P 500	6,813	7	0.11
Euro Stoxx	5,718	24	0.41
MSCI World	4,418	16	0.36
STI	4,535	-19	-0.43
Hang Seng	25,936	175	0.68
Nikkei	51,028	1,164	2.33

Commodities*

	Last Close	Changes	
		+/-	%
Brent Oil	63.3	0.6	0.94
Coal (ICE)	108.3	-0.8	-0.69
CPO Malay	4,105.0	-48.0	-1.16
Gold	4,207.6	4.5	0.11
Nickel	14,805.9	22.5	0.15
Tin	40,378.0	-402.0	-0.99

*last price per closing date

Highlights

- **UNVR** : [Dividend Interim IDR 87/lembar](#)
- **KEEN** : [Menangi Tender PLTS Tobelo](#)
- **VINS** : [Private Placement IDR 13 Miliar](#)
- **WIFI** : [Perluasan jaringan fiber-optik ke Pulau Sumatra](#)

Market

IHSG Diperkirakan Melemah Hari Ini

Bursa saham AS ditutup cenderung menguat pada Kamis (4 Des): Dow -0.07%, S&P 500 +0.11%, dan Nasdaq +0.22%. S&P 500 dan Nasdaq melanjutkan penguatan selama tiga hari berturut-turut di saat investor menantikan pengumuman suku bunga pekan depan. Yield US Treasury 10-tahun naik +0.86% (+0.035 bps) ke 4.100%, dan USD Index menguat +0.19% ke 99.1.

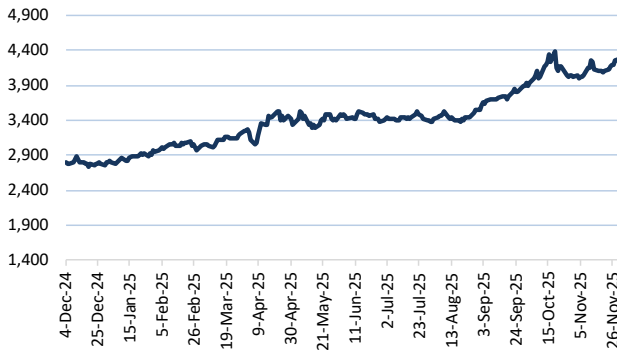
Pasar komoditas ditutup cenderung menguat pada Kamis (4 Des): WTI +1.93% ke USD 59.8/bbl, Brent +0.94% ke USD 63.3/bbl, batu bara -0.69% ke USD 108.3/ton, CPO -1.16% ke MYR 4,105.0/ton, dan emas +0.11% ke USD 4,207.6/oz.

Bursa Asia ditutup mixed pada Kamis (4 Des): Kospi -0.19%, Hang Seng +0.68%, Nikkei +2.33%, dan Shanghai -0.06%. IHSG naik tipis +0.33% ke 8,640.2, dengan net buy asing total IDR 1,702.6 miliar; IDR -181.8 miliar di pasar reguler, dan IDR 1,884.4 miliar di pasar negosiasi. Aliran masuk modal asing terbesar di pasar reguler tercatat pada UNTR (IDR 149.1 miliar), diikuti ASII (IDR 126.1 miliar) dan BMRI (IDR 105.0 miliar). Aliran keluar modal asing terbesar tercatat pada BBCA (IDR 242.6 miliar), diikuti BBRI (IDR 174.6 miliar) dan BKSL (IDR 70.1 miliar). Top leading movers: DSSA, UNTR, FILM, sedangkan top lagging movers: BREN, BBCA, CASA.

Pagi ini, baik Nikkei (-1.22%) maupun Kospi (-0.53%) dibuka melemah. Kami memperkirakan IHSG akan melemah hari ini, seiring sentimen negatif di pasar regional.

COMMODITIES

Gold: Gold 100 Oz Futures (USD/Troi oz)



Oil: Generic 1st Crude Oil, Brent (USD/Barel)



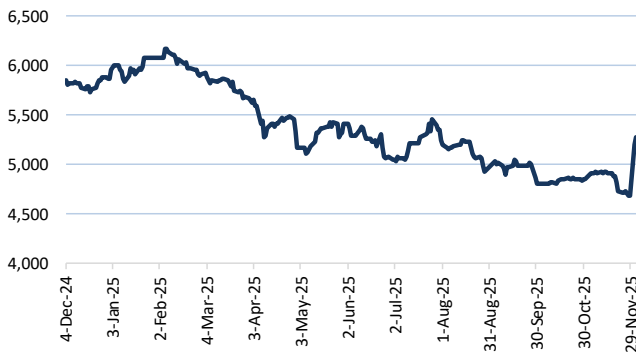
Coal: Newcastle Coal (USD/MT)



CPO: Bursa Malaysia Crude Palm Oil (MYR/MT)



Pulp: Generic Bleached Softwood Craft Pulp (CNY/MT)



Nickel: London Metal Exchange Nickel Future (USD/MT)



UNVR: Dividend Interim IDR 87/l lembar

PT Unilever Indonesia Tbk (UNVR) mengumumkan pembagian dividen interim FY25F sebesar IDR87 per saham dengan total nilai mencapai IDR3.3 triliun. Dividen akan diberikan kepada pemegang 37.98 miliar saham yang tercatat pada 16 Desember 2025 dengan dividend yield sebesar 3.1% berdasarkan harga penutupan 4 Desember. Jadwal penting mencakup cum dividen di pasar reguler dan negosiasi pada 12 Desember, serta cum dividen di pasar tunai pada 16 Desember, dengan pembayaran dijadwalkan pada 30 Desember 2025. Manajemen menyatakan bahwa kebijakan ini sejalan dengan posisi keuangan perusahaan, didukung oleh laba bersih sebesar IDR3.33 triliun dan saldo laba ditahan sebesar IDR3.45 triliun.

(Kontan)

KEEN: Menangi Tender PLTS Tobelo

PT Kencana Energi Lestari Tbk (KEEN) memenangkan tender proyek IPP PLTS Tobelo berkapasitas 10 MW dan baterai 8.4 MWh dari PLN yang akan dibangun di Kecamatan Tobelo Utara, Halmahera Utara, Maluku Utara, menandai proyek PLTS pertama perusahaan yang akan memiliki PPA dengan PLN. Pembangunan direncanakan mulai kuartal II/2026 dengan durasi 18 bulan dan diproyeksikan menghasilkan 20.4 GWh listrik per tahun. KEEN menilai proyek ini memperkuat ekspansi ke energi terbarukan dan membuka peluang mengikuti tender EBT lainnya, termasuk proyek-proyek IPP dengan total kapasitas sekitar 180 MW di berbagai wilayah. (Emitennews)

VINS: Private Placement IDR 13 Miliar

PT Victoria Insurance Tbk (VINS) akan melakukan private placement sebanyak 92.86 juta saham dengan harga pelaksanaan IDR140 per saham, yang telah disetujui dalam RUPSLB pada 20 Oktober 2025. Dari aksi ini, perseroan berpotensi meraih dana sekitar Rp13 miliar. Saham baru tersebut akan diserap oleh PT Victoria Investama Tbk (VICO), selaku induk usaha VINS. (IDX)

WIFI: Perluasan jaringan fiber-optik ke Pulau Sumatra

PT Solusi Sinergi Digital Tbk (WIFI/Surge) menandatangani addendum kerja sama dengan PT KAI pada 3 Desember 2025, memperluas pembangunan jaringan fiber-optik yang sebelumnya terfokus di Pulau Jawa menuju Pulau Sumatra. Perluasan ini melanjutkan kemitraan strategis sejak 2019 melalui Weave dan memperkuat posisi Surge sebagai mitra utama infrastruktur digital nasional. Proyek ini diharapkan mempercepat pemerataan akses internet berkecepatan tinggi, meningkatkan layanan publik, pendidikan, dan efisiensi logistik, sekaligus mendorong pertumbuhan ekonomi digital di wilayah yang lebih luas. Surge meyakini model pembangunan koridor fiber-optik di jalur rel—yang terbukti berhasil di Jawa—akan memberikan manfaat signifikan bagi konektivitas dan masyarakat Sumatra. (Emitennews)

Stock	Rec.	JCI Wgt (%)	Last price (IDR)	TP SSI (IDR)	TP Cons (IDR)	SSI Upside (%)	PE (x) 24A	PE (x) 25E	PBV (x) 24A	PBV (x) 25E	ROE (%) 24A	ROE (%) 25E
Banks												
BBCA	BUY	8.9	8,225	9,600	10,577	16.7	19.1	17.7	3.8	3.5	20.0	19.7
BBRI	BUY	7.0	3,690	4,400	4,672	19.2	8.0	7.1	1.7	1.6	21.6	22.9
BMRI	BUY	4.7	4,920	5,100	5,487	3.7	7.9	7.2	1.6	1.5	20.3	20.3
BBNI	BUY	1.7	4,310	5,200	5,141	20.6	6.8	6.1	1.0	0.9	14.6	14.9
BRIS	BUY	0.3	2,360	3,100	3,265	31.4	16.5	14.6	2.4	2.1	14.8	14.7
PNBN	BUY	0.1	1,110	1,700	1,700	53.2	9.9	8.9	0.5	0.5	5.3	8.5
Average							11.4	10.3	1.8	1.7	16.1	16.8
Consumer (Staples)												
ICBP	BUY	0.5	8,200	14,000	11,821	70.7	10.2	9.6	2.0	1.8	19.6	18.6
KLBF	BUY	0.6	1,190	2,100	1,727	76.5	17.3	15.6	2.4	2.2	13.8	14.1
UNVR	BUY	0.4	2,770	1,400	2,648	-49.5	20.8	19.6	27.5	24.9	132.6	127.0
Average							17.3	15.6	2.4	2.2	55.3	53.2
Healthcare												
MIKA	BUY	0.2	2,490	3,300	3,146	32.5	31.6	27.7	5.8	5.8	18.4	21.0
HEAL	BUY	0.4	1,450	1,800	1,722	24.1	35.9	29.6	6.3	6.3	17.6	21.3
SRAJ	S. BUY	0.0	17,000	13,150	N/A	-22.6	n/a	n/a	111.3	107.7	-1.3	-4.4
Average							33.7	28.6	41.1	39.9	11.6	12.6
Poultry												
JPFA	BUY	0.3	2,630	2,400	2,817	-8.7	14.9	13.0	1.9	1.7	12.6	13.3
Average							14.9	13.0	1.9	1.7	12.6	13.3
Retail												
AMRT	BUY	0.9	1,850	4,000	2,669	116.2	18.3	15.6	4.5	3.9	24.7	24.9
MIDI	BUY	0.1	380	580	544	52.6	21.2	17.6	3.1	2.7	14.4	15.4
DOSS	BUY	0.0	234	220	N/A	-6.0	16.1	13.4	2.4	2.1	14.9	15.7
Average							18.6	15.5	3.3	2.9	18.0	18.7
Media												
SCMA	HOLD	0.1	404	200	365	(50.5)	82.1	80.8	3.2	3.0	3.9	3.8
FILM	BUY	1.0	10,475	7,000	6,875	(33.2)	952.3	581.9	60.9	55.4	6.4	9.5
CNMA	BUY	0.0	122	200	178	63.9	14.8	14.0	2.1	2.3	16.6	18.2
Average							349.7	225.6	22.1	20.3	9.0	10.5
Telco												
TLKM	BUY	4.6	3,630	3,600	3,799	-0.8	13.6	12.8	2.6	2.2	18.9	16.9
Average							13.6	12.8	2.6	2.2	18.9	16.9
Telco Infra												
TOWR	BUY	0.3	560	1,030	768	83.9	8.1	7.8	1.5	1.4	18.5	17.3
WIFI	BUY	0.2	3,720	5,200	6,417	39.8	38.0	9.7	9.1	0.7	23.8	7.7
Average							23.1	8.8	5.3	1.0	21.2	12.5
Auto												
ASII	BUY	3.3	6,725	5,800	6,906	-13.8	8.9	8.9	1.3	1.2	14.5	13.3
DRMA	BUY	0.0	1,075	1,000	1,313	-7.0	8.0	8.0	2.1	1.7	26.8	24.3
Average							8.0	8.0	2.1	1.7	26.8	24.3

Stock	Rec.	JCI Wgt (%)	Last price (IDR)	TP SSI (IDR)	TP Cons (IDR)	SSI Upside (%)	PE (x) 24A	PE (x) 25E	PBV (x) 24A	PBV (x) 25E	ROE (%) 24A	ROE (%) 25E
Mining Contracting												
UNTR	BUY	1.1	30,675	30,850	30,703	0.6	5.8	5.2	1.2	1.0	19.9	19.7
Average							5.8	5.2	1.2	1.0	19.9	19.7
Property												
MKPI	BUY	0.0	24,100	32,000	N/A	32.8	25.6	21.7	3.1	2.8	12.0	13.1
BKSL	BUY	0.2	183	200	N/A	9.3	1135.6	43.4	2.0	1.9	0.2	4.4
Average							580.6	32.6	2.5	2.4	6.1	8.8
Industrial Estate												
SSIA	BUY	0.1	1,915	4,000	2,434	108.9	18.8	20.1	2.3	2.2	12.3	11.1
Average							18.8	20.1	2.3	2.2	12.3	11.1
Oil and Gas												
AKRA	BUY	0.2	1,315	1,500	1,605	14.1	10.6	10.1	2.1	2.1	19.8	20.9
ENRG	BUY	0.3	1,190	650	1,165	-45.4	24.8	22.0	2.6	2.2	10.3	9.8
MEDC	BUY	0.2	1,285	2,200	1,763	71.2	5.0	5.0	0.9	0.8	18.6	16.1
RAJA	BUY	0.2	6,500	5,000	7,450	-23.1	69.1	72.9	10.2	9.5	14.7	13.1
Average							27.4	27.5	3.9	3.7	15.9	15.0
Metal												
BRMS	BUY	1.4	980	500	1,104	-49.0	376.9	194.8	8.8	8.3	2.3	4.2
NCKL	BUY	0.3	1,030	1,200	1,456	16.5	10.0	8.8	1.9	2.0	18.8	22.9
AMMN	BUY	2.4	6,400	9,000	6,875	40.6	24.0	126.4	4.9	4.8	20.6	3.8
Average							137.0	110.0	5.2	5.0	13.9	10.3
Coal												
ADRO	BUY	0.4	1,810	3,400	2,476	87.8	2.3	2.7	0.6	0.5	25.1	18.8
BUMI	BUY	0.7	242	170	300	-29.8	89.1	24.1	2.0	1.9	2.3	7.9
DEWA	BUY	0.2	428	350	521	-18.2	1070.0	41.6	2.8	4.7	0.3	11.2
Average							387.1	22.8	1.8	2.4	9.2	12.6
Plantations												
TAPG	BUY	0.1	1,610	1,400	2,039	-13.0	12.9	12.6	2.5	2.2	14.8	19.7
SSMS	BUY	0.1	1,680	2,500	2,770	48.8	13.5	13.1	2.7	2.3	40.0	40.1
NSSS	BUY	0.1	630	650	575	3.2	88.6	66.9	12.3	10.9	13.9	16.2
STAA	BUY	0.1	1,370	1,400	1,500	2.2	9.4	9.4	2.7	2.7	28.7	28.7
Average							31.1	25.5	5.0	4.5	24.3	26.2
Technology												
ASSA	BUY	0.0	1,155	1,200	1,574	3.9	15.3	14.8	1.5	1.3	9.7	9.1
Investment												
SRTG	BUY	0.1	1,595	3,000	N/A	88.1	4.0	2.3	0.4	0.3	10.1	15.1
Average							4.0	2.3	0.4	0.3	10.1	15.1

Source: SSI Research, Bloomberg

Regional Indices	Last Price	Chg (Pts)	Change (%)						1 Year	
		1D	1D	1W	1M	3M	YTD	1YR	High	Low
World	4,418	16.02	0.36	0.46	1.63	5.48	19.17	14.77	4,438	3,156
U.S. (S&P)	6,857	7.40	0.11	0.65	1.26	5.46	16.59	12.66	6,920	4,835
U.S. (DOW)	47,851	(31.96)	(0.07)	0.89	1.63	4.89	12.47	6.30	48,432	36,612
Europe	5,718	23.52	0.41	1.15	1.02	6.95	16.79	16.24	5,818	4,540
Emerging Market	1,377	3.84	0.28	0.72	(1.19)	9.13	28.02	25.11	1,425	983
FTSE 100	9,711	18.80	0.19	0.17	(0.04)	5.36	18.82	16.50	9,930	7,545
CAC 40	8,122	34.61	0.43	0.28	0.68	5.50	10.04	11.21	8,314	6,764
Dax	23,882	188.32	0.79	0.48	(0.28)	0.47	19.96	18.04	24,771	18,490
Indonesia	8,640	28.41	0.33	1.10	3.87	9.82	22.04	18.14	8,669	5,883
Japan	50,390	(638.34)	(1.25)	0.27	0.35	17.14	26.31	27.91	52,637	30,793
Australia	8,619	0.56	0.01	0.06	(2.08)	(2.84)	5.64	1.70	9,115	7,169
Korea	4,015	(13.86)	(0.34)	2.24	0.26	25.26	67.31	64.41	4,227	2,285
Singapore	4,535	(19.38)	(0.43)	0.57	2.67	5.30	19.74	18.64	4,576	3,372
Malaysia	1,621	(1.77)	(0.11)	0.22	(0.03)	2.72	(1.29)	0.34	1,659	1,387
Hong Kong	25,936	175.17	0.68	(0.04)	(0.06)	3.50	29.29	31.37	27,382	18,671
China	3,876	(2.21)	(0.06)	0.01	(2.13)	2.92	15.63	15.19	4,034	3,041
Taiwan	27,796	2.67	0.01	0.88	0.28	13.48	20.67	19.46	28,555	17,307
Thailand	1,274	(1.05)	(0.08)	1.68	(2.24)	0.61	(9.03)	(12.27)	1,457	1,054
Philippines	5,888	(18.26)	(0.31)	(1.37)	1.19	(4.25)	(9.82)	(12.00)	6,742	5,584

		1D	1D	1W	1M	3M	YTD	1YR	High	Low
Foreign Reserves (US\$Bn)	149.93				0.80	(1.35)	(3.72)	(0.86)	157.09	148.74
Inflation Rate (yoy, %)	2.72								2.86	(0.09)
Gov Bond Yld (10yr, %)	6.21							(9.98)	7.32	5.94
US Fed Rate (%)	4.00								4.75	4.00

Exchange Rate (per USD)	Last Price	Chg (Pts)	Change (%)						1 Year	
		1D	1D	1W	1M	3M	YTD	1YR	High	Low
Indonesia	16,650	28.00	(0.17)	(0.04)	0.30	(1.38)	(3.29)	(4.32)	16,957	15,830
Japan	155.14	0.04	(0.03)	0.67	(0.66)	(4.97)	1.33	(3.25)	158.87	139.89
UK	1.33	(0.00)	(0.01)	0.69	2.11	(1.35)	6.47	4.44	1.38	1.21
Euro	1.16	0.00	0.03	0.43	1.36	(0.59)	12.50	10.03	1.19	1.01
China	7.07	0.01	(0.11)	0.11	0.81	0.99	3.22	2.72	7.35	7.06

Commodity Indicators	Last Price	Chg (Pts)	Change (%)						1 Year	
		1D	1D	1W	1M	3M	YTD	1YR	High	Low
Oil (Brent)	63.26	0.59	0.94	(0.13)	(1.83)	(5.57)	(15.25)	(12.52)	82.63	58.40
CPO	4,105	15.00	0.37	0.15	0.64	(6.96)	(15.55)	(22.22)	5,326	3,694
Coal	108.25	(0.75)	(0.69)	(1.28)	(4.92)	(1.37)	(13.57)	(19.22)	132.75	94.25
Tin	40,378	(402.00)	(0.99)	6.14	12.74	16.85	38.84	39.07	41,010	28,210
Nickel	14,897	24.00	0.16	0.43	(1.18)	(2.22)	(2.81)	(7.51)	16,780	13,865
Copper	11,450	(37.50)	(0.33)	4.67	7.38	15.68	30.59	26.06	11,540	8,105
Gold	4,207	(1.05)	(0.03)	(0.78)	5.70	17.28	60.28	59.84	4,382	2,584
Silver	57.09	(0.04)	(0.07)	1.05	18.91	39.24	97.54	82.36	59	28

Source: Bloomberg, SSI Research

Research Team

Harry Su	Managing Director of Research	harry.su@samuel.co.id	+6221 2854 8100
Prasetya Gunadi	Head of Equity Research, Strategy, Banking	prasetya.gunadi@samuel.co.id	+6221 2854 8320
Fithra Faisal Hastiadi, Ph.D	Senior Macro Strategist	fithra.hastiadi@samuel.co.id	+6221 2854 8100
Juan Harahap	Coal, Metals, Mining Contracting, Oil & Gas, Plantations	juan.oktavianus@samuel.co.id	+6221 2854 8392
Jonathan Guyadi	Consumer, Retail, Healthcare, Cigarettes, Telco	jonathan.guyadi@samuel.co.id	+6221 2854 8846
Ahnaf Yassar	Research Associate; Property	ahnaf.yassar@samuel.co.id	+6221 2854 8392
Ashalia Fitri Yuliana	Research Associate; Macro Economics, Coal	ashalia.fitri@samuel.co.id	+6221 2854 8389
Brandon Boedhiman	Research Associate; Banking, Strategy, Metals	brandon.boedhiman@samuel.co.id	+6221 2854 8392
Fadhlan Banny	Research Associate; Cement, Media, Mining Contracting, Oil & Gas, Plantations, Poultry, Technology	fadhlan.banny@samuel.co.id	+6221 2854 8325
Jason Sebastian	Research Associate; Automotive, Telco, Tower	jason.sebastian@samuel.co.id	+6221 2854 8392
Kenzie Keane	Research Associate; Cigarettes, Consumer, Healthcare, Retail	kenzie.keane@samuel.co.id	+6221 2854 8325
Adolf Richardo	Research & Digital Production Editor	adolf.richardo@samuel.co.id	+6221 2864 8397

Digital Production Team

Sylvanny Martin	Creative Production Lead & Graphic Designer	sylvanny.martin@samuel.co.id	+6221 2854 8100
M. Indra Wahyu Pratama	Video Editor & Videographer	muhammad.indra@samuel.co.id	+6221 2854 8100
M. Rifaldi	Video Editor	m.rifaldi@samuel.co.id	+6221 2854 8100
Raflyyan Rizaldy	SEO Specialist	raflyyan.rizaldy@samuel.co.id	+6221 2854 8100
Ahmad Zupri Ihsyan	Team Support	ahmad.zupri@samuel.co.id	+6221 2854 8100

Equity

Joseph Soegandhi	Director of Equity Sales	joseph.soegandhi@samuel.co.id	+6221 2854 8872
------------------	--------------------------	-------------------------------	-----------------

Equity Institutional Team

Widya Meidrianto	Head of Institutional Equity Sales	anto@samuel.co.id	+6221 2854 8317
Ronny Ardianto	Institutional Equity Sales	ronny.ardianto@samuel.co.id	+6221 2854 8399
Fachruly Fiater	Institutional Sales Trader	fachruly.fiater@samuel.co.id	+6221 2854 8325
Lucia Irawati	Institutional Sales Trader	lucia.irawati@samuel.co.id	+6221 2854 8173
Alexander Tayus	Institutional Equity Dealer	alexander.tayus@samuel.co.id	+6221 2854 8319
Leonardo Christian	Institutional Equity Dealer	leonardo.christian@samuel.co.id	+6221 2854 8147

Equity Retail Team

Damargumilang	Head of Equity Retail	atmaji.damargumilang@samuel.co.id	+6221 2854 8309
Clarice Wijana	Head of Equity Sales Support	clarice.wijana@samuel.co.id	+6221 2854 8395
Denzel Obaja	Equity Retail Chartist	denzel.obaja@samuel.co.id	+6221 2854 8342
Gitta Wahyu Retnani	Equity Sales & Trainer	gitta.wahyu@samuel.co.id	+6221 2854 8365
Vincentius Darren	Equity Sales	darren@samuel.co.id	+6221 2854 8348
Sylviawati	Equity Sales Support	sylviawati@samuel.co.id	+6221 2854 8113
Handa Sandiawan	Equity Sales Support	handa.sandiawan@samuel.co.id	+6221 2854 8302
Yonathan	Equity Dealer	yonathan@samuel.co.id	+6221 2854 8347
Reza Fahlevi	Equity Dealer	reza.fahlevi@samuel.co.id	+6221 2854 8359

Fixed Income Sales Team

R. Virine Tresna Sundari	Head of Fixed Income	virine.sundari@samuel.co.id	+6221 2854 8170
Sany Rizal Keliobas	Fixed Income Sales	sany.rizal@samuel.co.id	+6221 2854 8337
Khairanni	Fixed Income Sales	khairanni@samuel.co.id	+6221 2854 8104
Dina Afrilia	Fixed Income Sales	dina.afrilia@samuel.co.id	+6221 2854 8100
Muhammad Alfizar	Fixed Income Sales	muhammad.alfizar@samuel.co.id	+6221 2854 8305

DISCLAIMER: Analyst Certification: The views expressed in this research accurately reflect the personal views of the analyst(s) about the subject securities or issuers and no part of the compensation of the analyst(s) was, is, or will be directly or indirectly related to the inclusion of specific recommendations or views in his research. The analyst(s) principally responsible for the preparation of this research has taken reasonable care to achieve and maintain independence and objectivity in making any recommendations. This document is for information only and for the use of the recipient. It is not to be reproduced or copied or made available to others. Under no circumstances is it to be considered as an offer to sell or solicitation to buy any security. Any recommendation contained in this report may not be suitable for all investors. Moreover, although the information contained herein has been obtained from sources believed to be reliable, its accuracy, completeness and reliability cannot be guaranteed. All rights reserved by PT Samuel Sekuritas Indonesia