

**Exhibit 1. Daily Market Updates**

| Equity        | Last      | %      |
|---------------|-----------|--------|
| JCI           | 6,636.42  | -0.67  |
| STI           | 3,187.56  | -0.24  |
| HSI           | 18,595.78 | +0.24  |
| SSEC          | 3,224.21  | +0.09  |
| FTSE          | 7,522.07  | -1.38  |
| GDAX          | 15,908.91 | -0.27  |
| DJI           | 33,042.78 | -0.15  |
| S&P 500       | 4,205.52  | 0.00   |
| NDX           | 13,017.43 | +0.32  |
| 10-yr Bond    | Last      | bps    |
| ID            | 6.38      | 0.00   |
| US            | 3.69      | -11.00 |
| UK            | 4.24      | -9.00  |
| JP            | 0.43      | 0.00   |
| CN            | 2.72      | 0.00   |
| MY            | 3.74      | -2.00  |
| TH            | 2.56      | -1.00  |
| Exchange Rate | Last      | %      |
| USD/IDR       | 14,985    | +0.09  |
| EUR/IDR       | 16,067    | +0.16  |
| GBP/IDR       | 18,605    | +0.31  |
| HKD/IDR       | 1,917     | +0.16  |
| SGD/IDR       | 11,093    | +0.17  |
| AUD/IDR       | 9,765     | -0.41  |

Sources : Bloomberg, MNCS

**Exhibit 2. Risk Indicators**

| Category | Last  | %    |
|----------|-------|------|
| 5-yr CDS | 86.21 | -4.5 |
| VIX      | 17.46 | -2.7 |

Sources : Bloomberg, MNCS

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**Global Market Updates**

- Upon the resumption from the holiday, US government bond was traded up as yields declined substantially along the curve on Tuesday (May 30, 2023).
- The benchmark of 2-year and 10-year yields fell 11 bps respectively to 4.45% and 3.69% at the same time.
- Market was cheered as US government finally reached an agreement to raise debt limit without a nominal cap until 2025.
- However, despite the government bond yield declined, US stock market closed mixed. The NDX led the gain with 0.32% appreciation.
- In Asia, China's manufacturing activity unexpectedly fell to 5 months low. The official NBS manufacturing PMI data dropped to 48.8 in May-23.
- Elsewhere in Australia, the annual inflation rate also unexpectedly increased to 6.8% in Apr-23 after decelerating for some period and beating consensus of 6.4% increase.

**Domestic Market Updates**

- The benchmark LCY government bond yield for 10-year (FR0096) was flat at 6.38% on Tuesday (May 30, 2023).
- The IDR has depreciated against USD and other currencies. It was traded and closed at IDR14,985/USD and approaching IDR15,000/USD psychological level.
- However, Indonesia's 5-year CDS finally dropped below 90 bps and closed at 86.21 bps despite IDR depreciation.
- In spite of the ups and downs experienced by global market, domestic government bond has shown its resilience.
- Given the adequate liquidity due to maturity of some series as well as still coming foreign inflows help to stabilize domestic bond market.

**Market Forecast**

- Given the recent development on global and domestic market, we expect the 10 year Indo GB yield to move within a range of 6.40-6.55% for today.
- Attractive Indo GB series to be traded today : FR0081, FR0090, FR0087, FR0088, FR0062.

**Exhibit 3. Benchmark LCY Government Bond Prices (May 29, 2023)**

| Series | Benchmark | Last Price | YTM   | -1D Price | -1D YTM |
|--------|-----------|------------|-------|-----------|---------|
| FR0095 | 5-year    | 101.50     | 6.03% | 101.46    | 6.04%   |
| FR0096 | 10-year   | 104.39     | 6.38% | 104.43    | 6.38%   |
| FR0098 | 15-year   | 104.77     | 6.62% | 104.39    | 6.66%   |
| FR0097 | 20-year   | 104.86     | 6.68% | 104.69    | 6.70%   |

Sources : Bloomberg, MNCS

**Exhibit 4. Corporate Bond Credit Spread Matrices (May 29, 2023)**

| Rating | 0.1    | 1      | 3      | 5      | 10     |
|--------|--------|--------|--------|--------|--------|
| AAA    | 42.14  | 50.51  | 57.30  | 63.24  | 71.66  |
| AA     | 51.98  | 89.58  | 120.54 | 143.61 | 165.08 |
| A      | 163.31 | 202.62 | 237.78 | 277.83 | 349.95 |
| BBB    | 336.16 | 398.00 | 444.24 | 495.38 | 593.13 |

Sources : IBPA, MNCS

**Exhibit 5. Government Bond Ownership by Type (%) (May 12, 2023)**

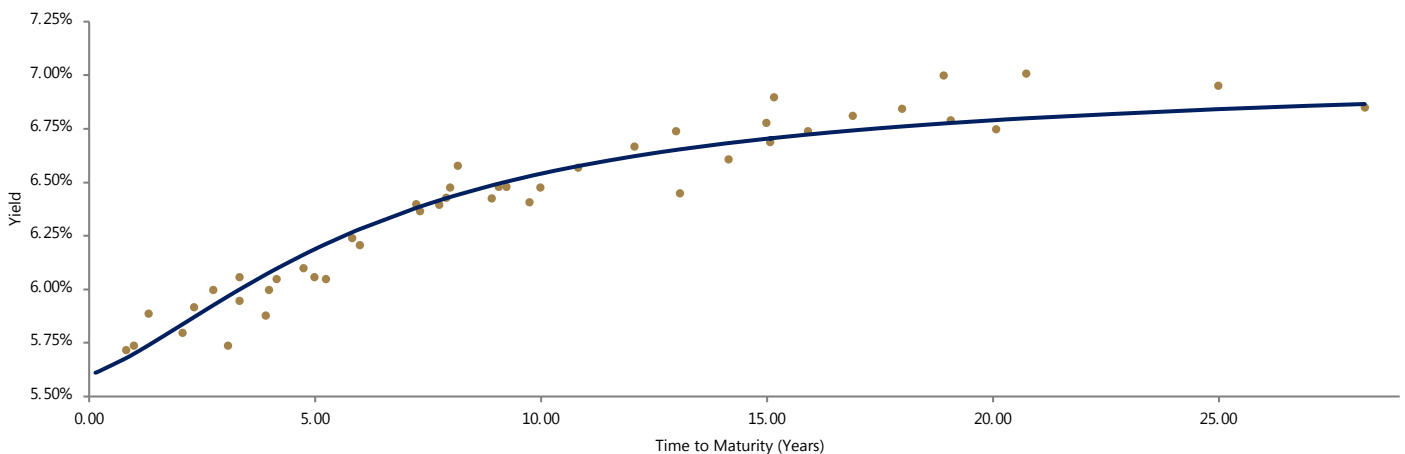
| Series       | Jan-23 | Feb-23 | Mar-23 | Apr-23 | May-23 |
|--------------|--------|--------|--------|--------|--------|
| Central Bank | 17.28  | 17.49  | 18.27  | 20.10  | 18.83  |
| Banks        | 33.51  | 33.24  | 31.93  | 29.82  | 31.01  |
| Foreign      | 15.10  | 14.79  | 14.89  | 14.86  | 14.92  |
| MF, IF & PF  | 18.99  | 19.39  | 19.86  | 19.81  | 19.84  |

Sources : DJPPR, MNCS

**Exhibit 06. LCY Government Bond Valuation (May 29, 2023)**

| Series      | Coupon       | Maturity         | TTM         | Last Price    | YTM          | Yield Curve  | Fair Price    | Notes          |
|-------------|--------------|------------------|-------------|---------------|--------------|--------------|---------------|----------------|
| FR46        | 9.500        | 15-Jul-23        | 0.14        | 100.50        | 5.06%        | 5.61%        | 100.52        | Premium        |
| FR39        | 11.750       | 15-Aug-23        | 0.22        | 101.80        | 2.79%        | 5.62%        | 101.33        | Premium        |
| FR70        | 8.375        | 15-Mar-24        | 0.81        | 102.02        | 5.72%        | 5.68%        | 102.08        | Fair           |
| FR77        | 8.125        | 15-May-24        | 0.97        | 102.20        | 5.74%        | 5.70%        | 102.26        | Fair           |
| FR44        | 10.000       | 15-Sep-24        | 1.31        | 105.05        | 5.89%        | 5.74%        | 105.28        | Discounted     |
| FR81        | 6.500        | 15-Jun-25        | 2.06        | 101.33        | 5.80%        | 5.84%        | 101.27        | Fair           |
| FR40        | 11.000       | 15-Sep-25        | 2.31        | 110.74        | 5.92%        | 5.87%        | 110.90        | Fair           |
| FR84        | 7.250        | 15-Feb-26        | 2.73        | 103.08        | 6.00%        | 5.92%        | 103.28        | Fair           |
| FR86        | 5.500        | 15-Jun-26        | 3.06        | 99.37         | 5.74%        | 5.97%        | 98.71         | Premium        |
| FR37        | 12.000       | 15-Sep-26        | 3.31        | 117.25        | 6.06%        | 6.00%        | 117.75        | Fair           |
| FR56        | 8.375        | 15-Sep-26        | 3.31        | 107.14        | 5.95%        | 6.00%        | 107.02        | Fair           |
| FR90        | 5.125        | 15-Apr-27        | 3.89        | 97.40         | 5.88%        | 6.07%        | 96.77         | Premium        |
| FR59        | 7.000        | 15-May-27        | 3.97        | 103.48        | 6.00%        | 6.08%        | 103.21        | Fair           |
| FR42        | 10.250       | 15-Jul-27        | 4.14        | 115.13        | 6.05%        | 6.10%        | 114.99        | Fair           |
| FR47        | 10.000       | 15-Feb-28        | 4.73        | 115.60        | 6.10%        | 6.16%        | 115.52        | Fair           |
| FR64        | 6.125        | 15-May-28        | 4.97        | 100.27        | 6.06%        | 6.19%        | 99.74         | Premium        |
| FR95        | 6.375        | 15-Aug-28        | 5.23        | 101.43        | 6.05%        | 6.21%        | 100.71        | Premium        |
| FR71        | 9.000        | 15-Mar-29        | 5.81        | 113.24        | 6.24%        | 6.27%        | 113.13        | Fair           |
| FR78        | 8.250        | 15-May-29        | 5.97        | 110.03        | 6.21%        | 6.28%        | 109.68        | Fair           |
| FR52        | 10.500       | 15-Aug-30        | 7.23        | 123.00        | 6.40%        | 6.38%        | 123.54        | Fair           |
| FR82        | 7.000        | 15-Sep-30        | 7.31        | 103.65        | 6.37%        | 6.39%        | 103.53        | Fair           |
| FR87        | 6.500        | 15-Feb-31        | 7.73        | 100.59        | 6.40%        | 6.41%        | 100.50        | Fair           |
| FR85        | 7.750        | 15-Apr-31        | 7.89        | 107.85        | 6.43%        | 6.42%        | 108.09        | Fair           |
| FR73        | 8.750        | 15-May-31        | 7.97        | 113.97        | 6.48%        | 6.43%        | 114.29        | Fair           |
| FR54        | 9.500        | 15-Jul-31        | 8.14        | 117.75        | 6.58%        | 6.44%        | 119.13        | Discounted     |
| FR91        | 6.375        | 15-Apr-32        | 8.89        | 99.59         | 6.43%        | 6.48%        | 99.26         | Fair           |
| FR58        | 8.250        | 15-Jun-32        | 9.06        | 111.95        | 6.48%        | 6.49%        | 111.88        | Fair           |
| FR74        | 7.500        | 15-Aug-32        | 9.23        | 106.98        | 6.48%        | 6.50%        | 106.83        | Fair           |
| <b>FR96</b> | <b>7.000</b> | <b>15-Feb-33</b> | <b>9.73</b> | <b>104.18</b> | <b>6.41%</b> | <b>6.53%</b> | <b>103.35</b> | <b>Premium</b> |
| FR65        | 6.625        | 15-May-33        | 9.97        | 101.05        | 6.48%        | 6.54%        | 100.62        | Fair           |
| FR68        | 8.375        | 15-Mar-34        | 10.81       | 113.75        | 6.57%        | 6.58%        | 113.75        | Fair           |
| FR80        | 7.500        | 15-Jun-35        | 12.06       | 106.76        | 6.67%        | 6.62%        | 107.21        | Fair           |
| FR72        | 8.250        | 15-May-36        | 12.97       | 112.90        | 6.74%        | 6.65%        | 113.75        | Fair           |
| FR88        | 6.250        | 15-Jun-36        | 13.06       | 98.00         | 6.45%        | 6.65%        | 96.51         | Premium        |
| FR45        | 9.750        | 15-May-37        | 13.97       | 118.35        | 7.57%        | 6.68%        | 127.62        | Discounted     |
| FR93        | 6.375        | 15-Jul-37        | 14.14       | 97.75         | 6.61%        | 6.68%        | 97.20         | Fair           |
| FR75        | 7.500        | 15-May-38        | 14.97       | 106.72        | 6.78%        | 6.70%        | 107.46        | Fair           |
| FR50        | 10.500       | 15-Jul-38        | 15.14       | 133.50        | 6.90%        | 6.71%        | 135.71        | Discounted     |
| FR98        | 7.125        | 15-Jun-38        | 15.06       | 104.11        | 6.69%        | 6.70%        | 103.94        | Fair           |
| FR79        | 8.375        | 15-Apr-39        | 15.89       | 115.82        | 6.74%        | 6.72%        | 115.97        | Fair           |
| FR83        | 7.500        | 15-Apr-40        | 16.89       | 106.81        | 6.81%        | 6.74%        | 107.57        | Fair           |
| FR57        | 9.500        | 15-May-41        | 17.97       | 127.20        | 6.85%        | 6.76%        | 128.25        | Fair           |
| FR62        | 6.375        | 15-Apr-42        | 18.89       | 93.25         | 7.00%        | 6.77%        | 95.77         | Discounted     |
| FR92        | 7.125        | 15-Jun-42        | 19.06       | 103.58        | 6.79%        | 6.78%        | 103.69        | Fair           |
| FR97        | 7.125        | 15-Jun-43        | 20.06       | 104.04        | 6.75%        | 6.79%        | 103.63        | Fair           |
| FR67        | 8.750        | 15-Feb-44        | 20.73       | 118.83        | 7.01%        | 6.80%        | 121.50        | Discounted     |
| FR76        | 7.375        | 15-May-48        | 24.97       | 104.98        | 6.95%        | 6.84%        | 106.34        | Discounted     |
| FR89        | 6.875        | 15-Aug-51        | 28.23       | 100.30        | 6.85%        | 6.87%        | 100.10        | Fair           |

Sources : Bloomberg, MNCS

**Exhibit 07. Indonesia Government Bond Yield Curve**


Sources : Bloomberg, MNCS

### MNC Research Industry Ratings Guidance

- **OVERWEIGHT** : Stock's total return is estimated to be above the average total return of our industry coverage universe over next 6-12 months
- **NEUTRAL** : Stock's total return is estimated to be in line with the average total return of our industry coverage universe over next 6-12 months
  - **UNDERWEIGHT** : Stock's total return is estimated to be below the average total return of our industry coverage universe over next 6-12 months

### MNC Research Investment Ratings Guidance

- **BUY** : Share price may exceed 10% over the next 12 months
- **HOLD** : Share price may fall within the range of +/- 10% of the next 12 months
  - **SELL** : Share price may fall by more than 10% over the next 12 months
  - **Not Rated** : Stock is not within regular research coverage

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