

03 APR 2018

# Trailing the Decline in Global Yields

## Indonesia's Sovereign Rating

|         |      |
|---------|------|
| S & P   | BBB- |
| Moody's | Baa3 |
| Fitch   | BBB  |

## Key Market Indicator as of 02-Apr-18

|                          |        |
|--------------------------|--------|
| BI 7-Day RR Rate         | 4.25%  |
| JCI                      | 6,241  |
| IDR                      | 13.753 |
| Inflation (y-o-y)-Mar-18 | 3.40%  |

## Domestic Bonds Outstanding

|                             |                |
|-----------------------------|----------------|
| Gov't Bonds as of 29-Mar-18 | IDR 2,184.5 bn |
| Corp Bonds as of 31-Mar-18  | IDR 399.7 bn   |

## Previous Week Trading Volume

|                  |               |
|------------------|---------------|
| Government Bonds | IDR 101.40 tn |
| Corporate Bonds  | IDR 2.93 tn   |

## Benchmark Yield as of 02-Apr-18

|        |           |        |
|--------|-----------|--------|
| FR0063 | (5 year)  | 5.902% |
| FR0064 | (10 year) | 6.586% |
| FR0065 | (15 year) | 6.809% |
| FR0075 | (20 year) | 7.254% |

Source : Bloomberg, Mid YTM

## Government Bond Indices as of 02-Apr-18

|                                   |        |
|-----------------------------------|--------|
| Price Index (Bloomberg :DGBIIDPR) | 134.68 |
| Yield Index (Bloomberg :DGBIIDYD) | 6.30%  |
| TR Index (Bloomberg :DGBIIDTR)    | 577.24 |

## Calendar of Event

|           |   |
|-----------|---|
| 09-Apr-18 | Germany Trade Balance EUR NSA<br>(Survey : NA; Prior : 17.4b)                         |
| 09-Apr-18 | Japan Consumer Confidence Households:<br>Confidence SA<br>(Survey : NA; Prior : 44.3) |
| 11-Apr-18 | US CPI Urban Consumers MoM SA<br>(Survey : 0.0%; Prior : 0.2%)                        |

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## The Government bonds rallies

After the Fed funds rate was increased by 25bps to 1.75% on 21 Mar 2018, the yield on the 10-year US Treasury curve fell from 2.89% to 2.74% at the end of last week (29 Mar 2018). A similar trend was also seen in some other countries such as Germany and the UK. At the same time, the 10-year German bond yield edged down from 0.59% to 0.49%, while the 10-year UK bond yield dropped to 1.35% from 1.53% on 21 Mar 2018. Meanwhile, in the domestic bonds market, Government bond prices headed higher last week and yields declined. Last week, the Danareksa Government bonds yield index fell by 14bps to end the week at 6.33%. Hence, the total return YTD is 0.27% - the first positive YTD return since 27 Feb 2018. Meanwhile, foreign holdings of tradable Government bonds continued to increase. As of 29 March 2018, foreign holdings reached IDR858.79 trillion (39.31%) or up by IDR15.24 trillion from IDR843.55 trillion (38.98%) on 23 Mar 2018.

## Rally pada obligasi Pemerintah

Setelah adanya peningkatan suku bunga acuan the Fed, sebesar 25bps menjadi 1,75% pada 21 Mar 2018 lalu, yield curve US treasury 10-tahun turun dari 2,89% menjadi 2,74% di akhir minggu lalu 29 Mar 2018. Hal yang sama juga terjadi di beberapa Negara seperti Jerman dan UK. Pada saat yang sama, yield 10-tahun German turun dari 0,59% menjadi 0,49%, sedangkan yield 10-tahun UK menjadi 1,35% dari 1,53% di 21 Mar 2018. Sementara itu, di obligasi pasar domestik terlihat peningkatan harga dan penurunan yield obligasi Pemerintah selama minggu lalu. Berdasarkan Danareksa Government bonds yield index, yield obligasi Pemerintah menurun sebesar 14bps selama minggu lalu dan ditutup di level 6,33%. Sehingga hal ini menjadikan return YTD menjadi 0,27%, pertama kali positif sejak 27 Feb 2018. Di sisi lain, total kepemilikan asing terhadap surat berharga Pemerintah yang diperdagangkan terus mengalami peningkatan. Per 29 Mar 2018, kepemilikan asing adalah sebesar Rp858,79 triliun (39,31%) atau meningkat Rp15,24 triliun dari Rp843,55 triliun (38,98%) di 23 Mar 2018.

## Change in investor preferences

The latest SUN auction was held on 27 Mar 2018 for the following series: SPN03180628, SPN12190314, FR0064, FR0065, and FR0075. Total incoming bids at the auction reached IDR35.57 trillion or down from IDR46.47 trillion in the previous SUN auction on 13 Mar 2018. As was the case in the previous SUN auction, the largest incoming bids at the latest auction were for FR0064, reaching IDR15.28 trillion. However, the latest SUN auction was different to the previous SBSN auction in respect to the investor preferences. Whereas investors preferred short tenors to medium and long tenors in the previous SBSN auction, in the latest SUN auction investors expressed a preference for both short tenors and medium tenors. From the total indicative target of IDR17 trillion, the total winning bids at the latest auction reached IDR20.70 trillion, slightly lower than the previous SUN auction's IDR23.45 trillion. The most winning bids were for FR0064 (IDR8.45 trillion), up from IDR7.8 trillion in the previous SUN auction, followed by the SPN series and lastly FR0075. However, there were no winning bids for the FR0065 series. All in all, Government bond issuances in the first quarter of 2018 reached IDR210.98 trillion, exceeding the target of IDR194.50 trillion.

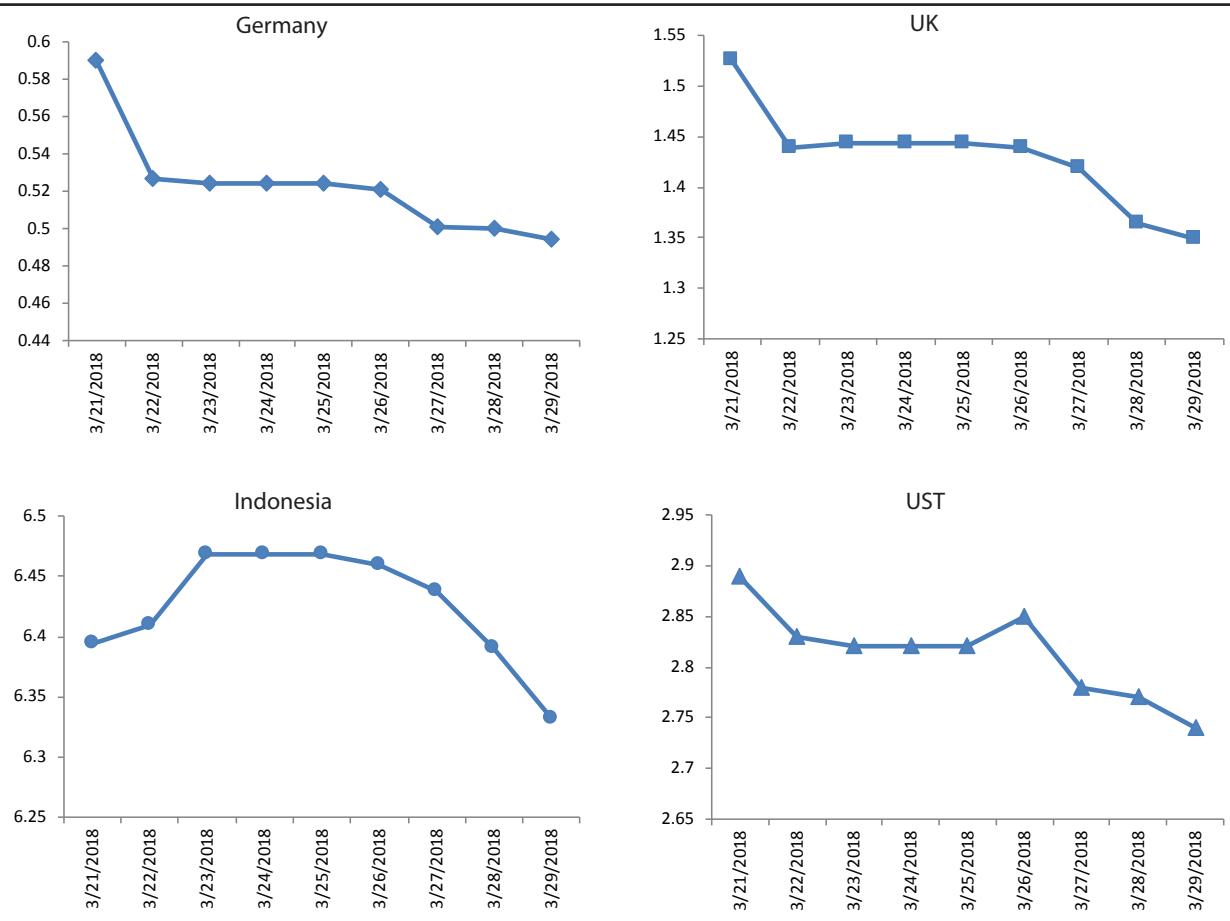
## Perbedaan pada preferensi investor

Pemerintah mengadakan lelang SUN terakhir pada 27 Mar 2018 untuk series SPN03180628, SPN12190314, FR0064, FR0065, dan FR0075. Total penawaran masuk untuk lelang terakhir adalah sebesar Rp35,57 triliun atau turun dari Rp46,47 triliun pada lelang SUN sebelumnya pada 13 Mar 2018. Sama halnya dengan lelang SUN terakhir, penawaran masuk terbesar adalah untuk seri FR0064 yang mencapai Rp15,28 triliun. Hasil pada lelang SUN dan lelang SBSN sebelumnya mengindikasikan perbedaan dalam hal preferensi investor. Pada lelang SBSN terakhir, terlihat bahwa investor lebih menginginkan tenor pendek dibandingkan menengah dan panjang, sedangkan dalam lelang SUN investor menginginkan baik tenor pendek maupun menengah. Dari total target indikatif sebesar Rp17 triliun, total penawaran yang dimenangkan adalah sebesar Rp20,70 triliun, sedikit lebih rendah dari Rp23,45 triliun pada lelang SUN sebelumnya. FR0064 merupakan seri yang memiliki jumlah penawaran yang dimenangkan terbesar yaitu sebesar Rp8,45 triliun atau meningkat dari Rp7,80 triliun pada lelang SUN sebelumnya, diikuti oleh seri SPN dan terakhir oleh FR0075. Namun, berdasarkan hasil lelang tidak terdapat nominal yang dimenangkan pada seri FR0065. Lebih jauh, total realisasi penerbitan Pemerintah pada kuartal pertama 2018 mencapai Rp210,98 triliun atau lebih tinggi dibandingkan target Rp194,50 triliun.

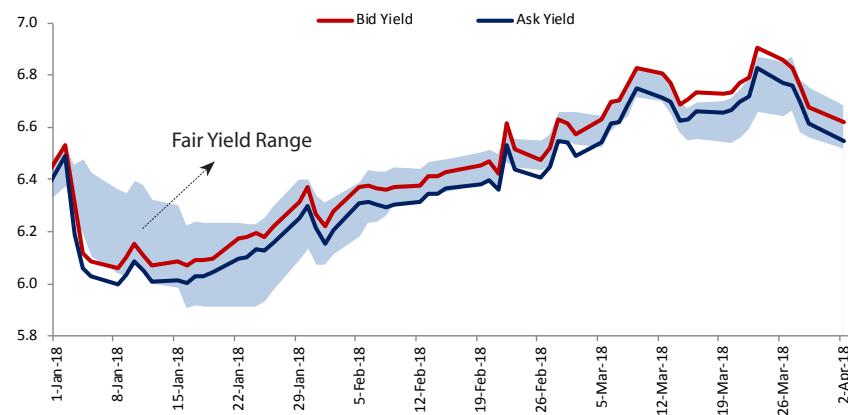
The next auction will be held on 3 Apr 2018 for the following series: SPNS04102018, PBS016, PBS002, PBS017, PBS012, PBS004 and PBS015. The total indicative target for this auction is IDR8 trillion. According to DJPPR's website, the total target for Government bond issuances in the second quarter of 2018 is IDR151.27 trillion.

Lelang akan diadakan kembali pada 3 Apr 2018 untuk seri SPNS04102018, PBS016, PBS002, PBS017, PBS012, PBS004 and PBS015. Total target indikatif untuk lelang ini adalah sebesar Rp8 triliun. Berdasarkan website DJPPR, total penerbitan Pemerintah pada kuartal kedua 2018 adalah sebesar Rp151,27 triliun.

#### Exhibit 1. 10 - year yield curve



Source: Bloomberg, Danareksa estimates

**Exhibit 2. FR0064 fair yield range estimation based on yield curve model**

*Source: Bloomberg, Danareksa estimates*

**Exhibit 3. Government SBN auction result on 27 March 2018**

|                        | SPN03180628 | SPN12190314 | FR0064    | FR0065    | FR0075    |
|------------------------|-------------|-------------|-----------|-----------|-----------|
| Maturity date          | 28-Jun-18   | 14-Mar-19   | 15-May-28 | 15-May-33 | 15-May-38 |
| Incoming bids (IDR tn) | 7.45        | 6.90        | 15.28     | 1.63      | 4.31      |
| Winning bids (IDR tn)  | 5.00        | 4.05        | 8.45      | -         | 3.20      |
| Bid to cover ratio     | 1.49        | 1.70        | 1.81      | -         | 1.35      |

*Source: MoF*

## APPENDICES

Appendix 1. Government Bonds Trading 26 Mar - 30 Mar 2018

| Last Trade Data | Bonds        | Maturity  | Coupon | Tenor | Last Done Price | Freq  | Vol (IDR bn) | Yield | Tenor Class | Modified Duration |
|-----------------|--------------|-----------|--------|-------|-----------------|-------|--------------|-------|-------------|-------------------|
| 29-Mar-18       | SPN03180404  | 4-Apr-18  | -      | 0.00  | 99.93           | 2.00  | 544.59       | 0.07  | < 1yr       | -                 |
| 28-Mar-18       | SPNS11042018 | 11-Apr-18 | -      | 0.02  | 99.90           | 1.00  | 55.00        | 0.10  | < 1yr       | -                 |
| 29-Mar-18       | SPN12180412  | 12-Apr-18 | -      | 0.03  | 99.91           | 1.00  | 451.40       | 0.09  | < 1yr       | -                 |
| 29-Mar-18       | SPN03180417  | 17-Apr-18 | -      | 0.04  | 99.83           | 2.00  | 985.27       | 0.17  | < 1yr       | -                 |
| 29-Mar-18       | SPN03180430  | 30-Apr-18 | -      | 0.08  | 99.70           | 1.00  | 483.86       | 0.30  | < 1yr       | -                 |
| 29-Mar-18       | SPN12180511  | 11-May-18 | -      | 0.11  | 99.58           | 2.00  | 907.84       | 0.42  | < 1yr       | -                 |
| 28-Mar-18       | SPN03180514  | 14-May-18 | -      | 0.11  | 99.54           | 1.00  | 252.34       | 0.47  | < 1yr       | -                 |
| 29-Mar-18       | FR0066       | 15-May-18 | 5.25   | 0.12  | 100.13          | 4.00  | 1,040.32     | 4.16  | < 1yr       | 0.13              |
| 29-Mar-18       | SPN03180528  | 28-May-18 | -      | 0.15  | 99.39           | 1.00  | 200.00       | 0.61  | < 1yr       | -                 |
| 29-Mar-18       | SPN12180607  | 7-Jun-18  | -      | 0.18  | 99.28           | 1.00  | 246.00       | 0.73  | < 1yr       | -                 |
| 29-Mar-18       | SPN03180614  | 14-Jun-18 | -      | 0.20  | 99.20           | 2.00  | 300.00       | 0.81  | < 1yr       | -                 |
| 29-Mar-18       | SPNS10072018 | 10-Jul-18 | -      | 0.27  | 98.80           | 2.00  | 74.04        | 1.21  | < 1yr       | -                 |
| 29-Mar-18       | SPN12180712  | 12-Jul-18 | -      | 0.28  | 98.86           | 1.00  | 350.00       | 1.15  | < 1yr       | -                 |
| 28-Mar-18       | FR0032       | 15-Jul-18 | 15.00  | 0.28  | 103.04          | 1.00  | 10.00        | 4.63  | < 1yr       | 0.29              |
| 26-Mar-18       | SPN12180809  | 9-Aug-18  | -      | 0.35  | 98.44           | 1.00  | 101.67       | 1.58  | < 1yr       | -                 |
| 28-Mar-18       | FR0038       | 15-Aug-18 | 11.60  | 0.37  | 102.75          | 1.00  | 10.00        | 4.31  | < 1yr       | 0.38              |
| 29-Mar-18       | SPN12180906  | 6-Sep-18  | -      | 0.43  | 98.03           | 1.00  | 1,100.00     | 2.01  | < 1yr       | -                 |
| 28-Mar-18       | FR0048       | 15-Sep-18 | 9.00   | 0.45  | 102.15          | 1.00  | 3.76         | 4.27  | < 1yr       | 0.45              |
| 29-Mar-18       | SPN12181004  | 4-Oct-18  | -      | 0.50  | 97.66           | 2.00  | 660.00       | 2.39  | < 1yr       | -                 |
| 29-Mar-18       | ORI012       | 15-Oct-18 | 9.00   | 0.53  | 101.00          | 14.00 | 226.66       | 8.91  | < 1yr       | -                 |
| 27-Mar-18       | SPN12190104  | 4-Jan-19  | -      | 0.75  | 96.47           | 2.00  | 560.00       | 3.66  | < 1yr       | -                 |
| 29-Mar-18       | SPN12190131  | 31-Jan-19 | -      | 0.83  | 96.35           | 1.00  | 2.75         | 3.79  | < 1yr       | -                 |
| 29-Mar-18       | SPN12190214  | 14-Feb-19 | -      | 0.86  | 95.82           | 1.00  | 527.00       | 4.36  | < 1yr       | -                 |
| 29-Mar-18       | SR008        | 10-Mar-19 | 8.30   | 0.94  | 100.00          | 15.00 | 285.05       | 8.30  | < 1yr       | -                 |
| 27-Mar-18       | SPN12190314  | 14-Mar-19 | -      | 0.95  | 95.38           | 11.00 | 2,256.60     | 4.84  | < 1yr       | -                 |
| 29-Mar-18       | FR0069       | 15-Apr-19 | 7.88   | 1.03  | 102.85          | 39.00 | 2,146.10     | 5.04  | 1yr - 5yr   | 0.97              |
| 29-Mar-18       | PBS013       | 15-May-19 | 6.25   | 1.12  | 100.85          | 5.00  | 351.17       | 5.46  | 1yr - 5yr   | 1.06              |
| 29-Mar-18       | FR0036       | 15-Sep-19 | 11.50  | 1.45  | 108.59          | 13.00 | 738.62       | 5.31  | 1yr - 5yr   | 1.35              |
| 29-Mar-18       | ORI013       | 15-Oct-19 | 6.60   | 1.53  | 101.35          | 20.00 | 95.47        | 6.51  | 1yr - 5yr   | -                 |
| 29-Mar-18       | SR009        | 10-Mar-20 | 6.90   | 1.94  | 101.00          | 15.00 | 609.80       | 6.83  | 1yr - 5yr   | -                 |
| 29-Mar-18       | PBS016       | 15-Mar-20 | 7.50   | 1.95  | 100.70          | 7.00  | 126.00       | 7.11  | 1yr - 5yr   | 1.79              |
| 28-Mar-18       | VR0031       | 25-Jul-20 | 5.19   | 2.31  | 96.75           | 1.00  | 600.00       | 4.97  | 1yr - 5yr   | 2.16              |
| 29-Mar-18       | PBS006       | 15-Sep-20 | 8.25   | 2.45  | 105.00          | 1.00  | 22.91        | 6.03  | 1yr - 5yr   | 2.21              |
| 29-Mar-18       | ORI014       | 15-Oct-20 | 5.85   | 2.53  | 99.20           | 19.00 | 89.42        | 5.90  | 1yr - 5yr   | -                 |
| 29-Mar-18       | FR0031       | 15-Nov-20 | 11.00  | 2.62  | 112.50          | 4.00  | 312.45       | 5.80  | 1yr - 5yr   | 2.23              |
| 28-Mar-18       | PBS014       | 15-May-21 | 6.50   | 3.12  | 100.80          | 3.00  | 80.10        | 6.21  | 1yr - 5yr   | 2.74              |
| 28-Mar-18       | FR0034       | 15-Jun-21 | 12.80  | 3.20  | 119.20          | 1.00  | 102.00       | 6.13  | 1yr - 5yr   | 2.62              |
| 29-Mar-18       | FR0053       | 15-Jul-21 | 8.25   | 3.28  | 106.60          | 11.00 | 1,167.78     | 6.01  | 1yr - 5yr   | 2.84              |
| 29-Mar-18       | PBS002       | 15-Jan-22 | 5.45   | 3.78  | 96.63           | 1.00  | 28.76        | 6.46  | 1yr - 5yr   | 3.33              |
| 29-Mar-18       | FR0061       | 15-May-22 | 7.00   | 4.12  | 103.05          | 45.00 | 3,453.73     | 6.15  | 1yr - 5yr   | 3.47              |
| 29-Mar-18       | FR0035       | 15-Jun-22 | 12.90  | 4.20  | 124.07          | 1.00  | 84.00        | 6.30  | 1yr - 5yr   | 3.28              |
| 28-Mar-18       | FR0043       | 15-Jul-22 | 10.25  | 4.28  | 114.60          | 2.00  | 30.00        | 6.32  | 1yr - 5yr   | 3.47              |
| 29-Mar-18       | FR0063       | 15-May-23 | 5.63   | 5.12  | 98.90           | 25.00 | 1,187.50     | 5.87  | 5yr - 10yr  | 4.30              |
| 29-Mar-18       | FR0046       | 15-Jul-23 | 9.50   | 5.28  | 114.01          | 2.00  | 90.95        | 6.34  | 5yr - 10yr  | 4.16              |
| 27-Mar-18       | FR0039       | 15-Aug-23 | 11.75  | 5.37  | 123.38          | 2.00  | 10.00        | 6.53  | 5yr - 10yr  | 4.10              |
| 28-Mar-18       | PBS011       | 15-Aug-23 | 8.75   | 5.37  | 110.75          | 3.00  | 11.30        | 6.36  | 5yr - 10yr  | 4.29              |
| 29-Mar-18       | FR0070       | 15-Mar-24 | 8.38   | 5.95  | 109.80          | 26.00 | 3,358.93     | 6.37  | 5yr - 10yr  | 4.71              |
| 29-Mar-18       | FR0044       | 15-Sep-24 | 10.00  | 6.45  | 117.74          | 1.00  | 60.00        | 6.58  | 5yr - 10yr  | 4.87              |
| 29-Mar-18       | FR0040       | 15-Sep-25 | 11.00  | 7.45  | 124.85          | 6.00  | 570.41       | 6.71  | 5yr - 10yr  | 5.33              |
| 27-Mar-18       | PBS017       | 15-Oct-25 | 7.50   | 7.53  | 95.02           | 1.00  | 20.00        | 8.40  | 5yr - 10yr  | 5.42              |

Sources: IDX, Danareksa Estimates

## APPENDICES

**Appendix 2. Government Bonds Trading 26 Mar - 30 Mar 2018 (cont'd)**

| Last Trade Data | Bonds  | Maturity  | Coupon | Tenor | Last Done Price | Freq   | Vol (IDR bn) | Yield | Tenor Class | Modified Duration |
|-----------------|--------|-----------|--------|-------|-----------------|--------|--------------|-------|-------------|-------------------|
| 29-Mar-18       | FR0056 | 15-Sep-26 | 8.38   | 8.45  | 111.40          | 76.00  | 2,339.34     | 6.59  | 5yr - 10yr  | 6.14              |
| 27-Mar-18       | FR0037 | 15-Sep-26 | 12.00  | 8.45  | 132.08          | 2.00   | 20.00        | 6.93  | 5yr - 10yr  | 5.73              |
| 29-Mar-18       | FR0059 | 15-May-27 | 7.00   | 9.12  | 102.35          | 70.00  | 4,882.10     | 6.65  | 5yr - 10yr  | 6.54              |
| 28-Mar-18       | FR0047 | 15-Feb-28 | 10.00  | 9.87  | 121.86          | 2.00   | 33.63        | 6.91  | 5yr - 10yr  | 6.56              |
| 29-Mar-18       | FR0064 | 15-May-28 | 6.13   | 10.12 | 96.40           | 354.00 | 40,407.47    | 6.62  | > 10yr      | 7.23              |
| 29-Mar-18       | FR0071 | 15-Mar-29 | 9.00   | 10.95 | 115.60          | 24.00  | 932.73       | 6.94  | > 10yr      | 7.20              |
| 29-Mar-18       | FR0052 | 15-Aug-30 | 10.50  | 12.37 | 127.50          | 7.00   | 535.01       | 7.12  | > 10yr      | 7.47              |
| 29-Mar-18       | FR0073 | 15-May-31 | 8.75   | 13.12 | 114.00          | 14.00  | 3,093.71     | 7.09  | > 10yr      | 7.88              |
| 29-Mar-18       | FR0054 | 15-Jul-31 | 9.50   | 13.28 | 119.99          | 3.00   | 337.05       | 7.14  | > 10yr      | 7.90              |
| 29-Mar-18       | PBS012 | 15-Nov-31 | 8.88   | 13.62 | 113.40          | 6.00   | 37.40        | 7.30  | > 10yr      | 7.98              |
| 29-Mar-18       | FR0058 | 15-Jun-32 | 8.25   | 14.20 | 109.08          | 19.00  | 547.92       | 7.22  | > 10yr      | 8.39              |
| 29-Mar-18       | FR0074 | 15-Aug-32 | 7.50   | 14.37 | 103.40          | 39.00  | 3,408.30     | 7.12  | > 10yr      | 8.75              |
| 29-Mar-18       | FR0065 | 15-May-33 | 6.63   | 15.12 | 101.00          | 54.00  | 793.91       | 6.52  | > 10yr      | 9.27              |
| 29-Mar-18       | FR0068 | 15-Mar-34 | 8.38   | 15.95 | 111.20          | 11.00  | 1,023.42     | 7.18  | > 10yr      | 9.09              |
| 29-Mar-18       | FR0072 | 15-May-36 | 8.25   | 18.12 | 108.80          | 73.00  | 4,621.25     | 7.36  | > 10yr      | 9.43              |
| 27-Mar-18       | PBS004 | 15-Feb-37 | 6.10   | 18.87 | 86.90           | 1.00   | 10.00        | 7.40  | > 10yr      | 10.43             |
| 29-Mar-18       | FR0045 | 15-May-37 | 9.75   | 19.12 | 122.00          | 2.00   | 75.10        | 7.56  | > 10yr      | 9.28              |
| 29-Mar-18       | FR0075 | 15-May-38 | 7.50   | 20.12 | 101.99          | 156.00 | 9,718.15     | 7.31  | > 10yr      | 10.13             |
| 29-Mar-18       | FR0050 | 15-Jul-38 | 10.50  | 20.28 | 131.25          | 1.00   | 8.06         | 7.48  | > 10yr      | 9.57              |

Sources: IDX, Danareksa Estimates

## APPENDICES

Appendix 3. Corporate Bonds Trading 26 Mar - 30 Mar 2018

| Last Trade Data | Bonds        | Maturity  | Coupon | Tenor | Rating    | Last Done Price | Freq  | Vol (IDR bn) | Yield | Modified Duration |
|-----------------|--------------|-----------|--------|-------|-----------|-----------------|-------|--------------|-------|-------------------|
| 27-Mar-18       | BRAP01       | 8-Apr-18  | 11.50  | 0.01  | idBBB+    | 100.16          | 2.00  | 10.00        | 11.48 | 0.03              |
| 29-Mar-18       | FIFA02BCN1   | 24-Apr-18 | 9.25   | 0.06  | idAAA     | 100.20          | 1.00  | 19.70        | 9.23  | 0.07              |
| 29-Mar-18       | FIFA03ACN1   | 6-May-18  | 7.35   | 0.09  | idAAA     | 100.14          | 1.00  | 10.00        | 7.34  | 0.10              |
| 29-Mar-18       | BNII01SB     | 19-May-18 | 10.75  | 0.13  | idAA+     | 100.55          | 1.00  | 3.00         | 10.69 | 0.14              |
| 29-Mar-18       | TAFS01BCN2   | 11-Jun-18 | 9.25   | 0.19  | AAA(idn)  | 100.62          | 2.00  | 20.00        | 9.19  | 0.20              |
| 29-Mar-18       | PPNX01       | 5-Jul-18  | 8.90   | 0.26  | idBBB     | 100.93          | 2.00  | 27.00        | 8.82  | 0.26              |
| 29-Mar-18       | FIFA02BCN2   | 11-Sep-18 | 9.25   | 0.44  | idAAA     | 101.60          | 1.00  | 4.50         | 9.10  | 0.43              |
| 26-Mar-18       | BEXI02BCN6   | 16-Sep-18 | 9.20   | 0.45  | idAAA     | 101.48          | 3.00  | 10.00        | 9.07  | 0.46              |
| 28-Mar-18       | JSMR01CCN1S  | 27-Sep-18 | 8.90   | 0.48  | idAA      | 101.33          | 5.00  | 30.00        | 8.78  | 0.48              |
| 27-Mar-18       | PPGD03ACN1   | 13-Oct-18 | 6.55   | 0.53  | idAAA     | 101.17          | 2.00  | 0.30         | 6.47  | 0.52              |
| 29-Mar-18       | ADMF02CCN2   | 24-Oct-18 | 11.00  | 0.56  | idAAA     | 102.67          | 2.00  | 12.00        | 10.71 | 0.54              |
| 28-Mar-18       | BIIF01ACN1   | 12-Nov-18 | 10.35  | 0.61  | AA+(idn)  | 102.52          | 2.00  | 8.00         | 10.10 | 0.59              |
| 26-Mar-18       | WOMF02ACN3   | 6-Dec-18  | 7.15   | 0.68  | AA-(idn)  | 100.00          | 1.00  | 0.02         | 7.15  | 0.67              |
| 27-Mar-18       | SIPPLN01ACN2 | 10-Dec-18 | 9.00   | 0.69  | idAAA(sy) | 100.03          | 1.00  | 0.50         | 9.00  | 0.67              |
| 29-Mar-18       | WOMF01BCN4   | 22-Dec-18 | 10.80  | 0.72  | AA-(idn)  | 103.25          | 2.00  | 20.00        | 10.46 | 0.69              |
| 27-Mar-18       | ADMF04ACN1   | 22-Dec-18 | 6.15   | 0.72  | idAAA     | 100.00          | 1.00  | 3.00         | 6.15  | 0.71              |
| 27-Mar-18       | SMADMF03ACN1 | 22-Dec-18 | 6.15   | 0.72  | idAAA(sy) | 100.00          | 1.00  | 3.00         | 6.15  | 0.71              |
| 27-Mar-18       | NISP02ACN3   | 22-Dec-18 | 6.15   | 0.72  | idAAA     | 101.28          | 2.00  | 0.30         | 6.07  | 0.71              |
| 28-Mar-18       | BBKP01SBCN1  | 6-Mar-19  | 9.25   | 0.93  | idA       | 100.89          | 2.00  | 2.00         | 9.17  | 0.89              |
| 27-Mar-18       | IMFI02BCN3   | 16-Mar-19 | 10.50  | 0.95  | idA       | 102.30          | 2.00  | 1.00         | 10.26 | 0.91              |
| 27-Mar-18       | BFIN03ACN4   | 16-Mar-19 | 6.40   | 0.95  | AA-(idn)  | 100.15          | 4.00  | 12.00        | 6.39  | 0.93              |
| 27-Mar-18       | PPGD03ACN2   | 26-Mar-19 | 5.80   | 0.98  | idAAA     | 100.05          | 12.00 | 614.00       | 5.80  | 0.96              |
| 29-Mar-18       | ADMF04ACN2   | 1-Apr-19  | 6.10   | 0.99  | idAAA     | 100.06          | 4.00  | 253.00       | 6.10  | 0.95              |
| 29-Mar-18       | SMADMF03ACN2 | 1-Apr-19  | 6.10   | 0.99  | idAAA(sy) | 100.07          | 5.00  | 141.00       | 6.10  | 0.95              |
| 26-Mar-18       | CTR01B       | 2-Apr-19  | 12.40  | 1.00  | A+(idn)   | 106.01          | 2.00  | 11.00        | 11.70 | 0.92              |
| 29-Mar-18       | ASDF03BCN1   | 11-May-19 | 8.50   | 1.11  | AAA(idn)  | 102.50          | 1.00  | 10.00        | 6.17  | 1.05              |
| 26-Mar-18       | BBRI01BCN3   | 25-May-19 | 8.20   | 1.14  | idAAA     | 100.15          | 1.00  | 2.00         | 8.06  | 1.09              |
| 29-Mar-18       | TUFI02ACN2   | 1-Jun-19  | 8.95   | 1.16  | idAA+     | 103.00          | 1.00  | 3.00         | 6.28  | 1.10              |
| 26-Mar-18       | BEXI03BCN1   | 8-Jun-19  | 8.20   | 1.18  | idAAA     | 101.43          | 2.00  | 5.00         | 6.95  | 1.13              |
| 27-Mar-18       | SANF02BCN1   | 9-Jun-19  | 9.00   | 1.18  | idAA-     | 102.36          | 4.00  | 20.00        | 6.93  | 1.13              |
| 29-Mar-18       | BNLI01SBCN1  | 15-Jun-19 | 8.90   | 1.20  | idAA+     | 101.85          | 4.00  | 24.00        | 7.29  | 1.14              |
| 28-Mar-18       | BVIC02SB     | 27-Jun-19 | 11.00  | 1.23  | idBBB+    | 103.10          | 5.00  | 5.00         | 8.36  | 1.16              |
| 27-Mar-18       | BSDE01CCN1   | 4-Jul-19  | 9.50   | 1.25  | idAA-     | 100.12          | 2.00  | 5.00         | 9.40  | 1.16              |
| 27-Mar-18       | BEXI03BCN2   | 25-Aug-19 | 7.95   | 1.39  | idAAA     | 101.79          | 2.00  | 40.00        | 6.61  | 1.32              |
| 29-Mar-18       | ISAT01BCN4   | 2-Sep-19  | 8.00   | 1.41  | idAAA     | 102.15          | 1.00  | 3.80         | 6.41  | 1.33              |
| 29-Mar-18       | FIFA02BCN4   | 27-Sep-19 | 7.95   | 1.48  | idAAA     | 100.64          | 1.00  | 2.00         | 7.49  | 1.40              |
| 27-Mar-18       | SMRA01CN2    | 10-Oct-19 | 11.50  | 1.52  | idA+      | 103.57          | 1.00  | 13.00        | 8.99  | 1.37              |
| 27-Mar-18       | SISMRA01CN2  | 10-Oct-19 | 11.50  | 1.52  | idA+(sy)  | 100.03          | 1.00  | 0.50         | -     | -                 |
| 26-Mar-18       | ASDF03BCN2   | 18-Oct-19 | 7.95   | 1.54  | AAA(idn)  | 101.14          | 2.00  | 2.00         | 7.17  | 1.44              |
| 26-Mar-18       | BFIN03BCN1   | 25-Oct-19 | 8.80   | 1.56  | AA-(idn)  | 101.44          | 2.00  | 2.00         | 7.82  | 1.44              |
| 26-Mar-18       | PNMP01ACN2   | 3-Nov-19  | 9.00   | 1.58  | idA       | 98.68           | 1.00  | 5.00         | 9.89  | 1.45              |
| 29-Mar-18       | PRTL01ACN1   | 23-Nov-19 | 7.90   | 1.64  | AAA(idn)  | 100.90          | 2.00  | 4.40         | 7.31  | 1.52              |
| 29-Mar-18       | TPIA01A      | 22-Dec-19 | 10.80  | 1.72  | idAA-     | 104.66          | 2.00  | 65.00        | 7.89  | 1.57              |
| 27-Mar-18       | WSKT02ACN3   | 21-Feb-20 | 8.50   | 1.88  | idA-      | 97.47           | 1.00  | 7.50         | 9.97  | 1.72              |
| 26-Mar-18       | ASDF03BCN3   | 3-Mar-20  | 8.50   | 1.92  | AA-(idn)  | 102.56          | 2.00  | 20.00        | 7.07  | 1.77              |
| 26-Mar-18       | BEXI02CCN5   | 13-Mar-20 | 9.50   | 1.94  | idAAA     | 105.52          | 4.00  | 18.01        | 6.48  | 1.78              |
| 27-Mar-18       | SANF02BCN2   | 30-Mar-20 | 9.00   | 1.99  | idAA-     | 101.85          | 2.00  | 4.00         | 7.99  | 1.79              |
| 26-Mar-18       | BBRI02BCN2   | 11-Apr-20 | 8.10   | 2.02  | idAAA     | 103.40          | 2.00  | 2.00         | 6.31  | 1.85              |
| 29-Mar-18       | FIFA03BCN1   | 26-Apr-20 | 8.45   | 2.06  | idAAA     | 102.75          | 2.00  | 34.00        | 7.01  | 1.87              |
| 28-Mar-18       | AMRT01BCN2   | 8-May-20  | 10.00  | 2.10  | AA-(idn)  | 105.05          | 3.00  | 9.00         | 7.40  | 1.88              |

Sources: IDX, Danareksa Estimates

## APPENDICES

Appendix 4. Corporate Bonds Trading 26 Mar - 30 Mar 2018 (cont'd)

| Last Trade Data | Bonds        | Maturity  | Coupon | Tenor | Rating   | Last Done Price | Freq | Vol (IDR bn) | Yield | Modified Duration |
|-----------------|--------------|-----------|--------|-------|----------|-----------------|------|--------------|-------|-------------------|
| 27-Mar-18       | OTMA01B      | 30-May-20 | 8.40   | 2.16  | idAA+    | 100.74          | 2.00 | 20.00        | 8.03  | 1.96              |
| 27-Mar-18       | SIAGII01ACN1 | 6-Jun-20  | 9.90   | 2.18  | A-(idn)  | 100.03          | 1.00 | 20.00        | 9.88  | 1.94              |
| 29-Mar-18       | TUFI03ACN2   | 6-Jun-20  | 8.50   | 2.18  | idAA+    | 102.40          | 1.00 | 5.00         | 7.30  | 1.97              |
| 26-Mar-18       | SMFP04BCN1   | 20-Jun-20 | 7.80   | 2.21  | idAAA    | 99.41           | 1.00 | 5.00         | 8.09  | 2.03              |
| 26-Mar-18       | TLKM02B      | 6-Jul-20  | 10.20  | 2.26  | idAAA    | 107.50          | 3.00 | 3.40         | 6.63  | 1.99              |
| 27-Mar-18       | IMFI03BCN1   | 7-Jul-20  | 8.60   | 2.26  | idA      | 101.99          | 1.00 | 20.00        | 7.64  | 2.02              |
| 29-Mar-18       | MDLN01BCN1   | 7-Jul-20  | 12.50  | 2.26  | idA      | 108.70          | 5.00 | 20.00        | 8.26  | 1.93              |
| 29-Mar-18       | BBTN03ACN1   | 13-Jul-20 | 8.30   | 2.28  | idAA+    | 101.55          | 2.00 | 0.45         | 7.56  | 2.04              |
| 26-Mar-18       | BEXI03ACN5   | 15-Aug-20 | 7.60   | 2.37  | idAAA    | 102.65          | 2.00 | 13.12        | 6.39  | 2.16              |
| 26-Mar-18       | TINS01ACN1   | 28-Sep-20 | 8.50   | 2.49  | idA+     | 102.27          | 5.00 | 15.00        | 7.50  | 2.20              |
| 28-Mar-18       | WSKT03ACN1   | 6-Oct-20  | 8.00   | 2.51  | A(idn)   | 99.40           | 2.00 | 10.00        | 8.26  | 2.22              |
| 29-Mar-18       | SMFP04BCN2   | 13-Oct-20 | 7.25   | 2.53  | idAAA    | 101.20          | 3.00 | 70.00        | 6.73  | 2.27              |
| 27-Mar-18       | WSKT01BCN2   | 16-Oct-20 | 11.10  | 2.54  | idA-     | 103.95          | 1.00 | 2.00         | 9.34  | 2.17              |
| 28-Mar-18       | BIIF01ACN4   | 15-Nov-20 | 7.65   | 2.62  | AA+(idn) | 101.30          | 1.00 | 1.77         | 7.10  | 2.35              |
| 26-Mar-18       | BJBR01ACN1   | 6-Dec-20  | 7.50   | 2.68  | idAA-    | 100.60          | 4.00 | 60.00        | 7.25  | 2.41              |
| 27-Mar-18       | BNGA02SB     | 23-Dec-20 | 10.85  | 2.72  | AA(idn)  | 104.75          | 2.00 | 12.10        | 8.88  | 2.36              |
| 27-Mar-18       | BEXI03ACN6   | 14-Feb-21 | 6.35   | 2.86  | idAAA    | 99.95           | 1.00 | 25.00        | 6.37  | 2.59              |
| 28-Mar-18       | IMFI03BCN2   | 15-Feb-21 | 7.90   | 2.87  | idA      | 101.20          | 1.00 | 1.25         | 7.43  | 2.54              |
| 29-Mar-18       | WSKT03ACN2   | 23-Feb-21 | 7.75   | 2.89  | A-(idn)  | 100.30          | 1.00 | 116.80       | 7.63  | 2.56              |
| 29-Mar-18       | TPIA01ACN2   | 1-Mar-21  | 7.50   | 2.91  | idAA-    | 100.00          | 1.00 | 44.00        | 7.50  | 2.59              |
| 28-Mar-18       | BEXI03CCN1   | 8-Jun-21  | 8.70   | 3.18  | idAAA    | 105.53          | 1.00 | 41.00        | 6.76  | 2.78              |
| 29-Mar-18       | PIGN01B      | 21-Jun-21 | 9.00   | 3.22  | idAA     | 103.82          | 2.00 | 2.00         | 7.65  | 2.79              |
| 26-Mar-18       | BDKI01CN1    | 30-Jun-21 | 9.25   | 3.24  | A+(idn)  | 100.38          | 1.00 | 4.00         | 9.11  | 2.73              |
| 28-Mar-18       | MEDC02BCN1   | 15-Jul-21 | 11.30  | 3.28  | idA+     | 107.75          | 3.00 | 3.00         | 8.58  | 2.70              |
| 26-Mar-18       | BSSB01CN1    | 15-Jul-21 | 9.35   | 3.28  | idA+     | 104.25          | 6.00 | 12.00        | 7.88  | 2.79              |
| 27-Mar-18       | TELE01CCN2   | 14-Oct-21 | 10.65  | 3.53  | idA      | 96.44           | 1.00 | 10.00        | 11.89 | 2.84              |
| 27-Mar-18       | ASDF03CCN3   | 3-Mar-22  | 8.75   | 3.92  | AAA(idn) | 104.90          | 1.00 | 13.00        | 7.30  | 3.31              |
| 27-Mar-18       | BBTN01CN1    | 5-Jun-22  | 7.90   | 4.17  | idAA+    | 98.38           | 2.00 | 2.00         | 8.36  | 3.51              |
| 27-Mar-18       | SIAGII01BCN1 | 6-Jun-22  | 10.35  | 4.18  | A-(idn)  | 100.03          | 1.00 | 3.00         | 10.34 | 3.35              |
| 28-Mar-18       | BMRI01ACN2   | 15-Jun-22 | 8.00   | 4.20  | idAAA    | 104.85          | 2.00 | 4.70         | 6.67  | 3.57              |
| 27-Mar-18       | SMGR01CN1    | 20-Jun-22 | 8.60   | 4.21  | idAA+    | 103.82          | 3.00 | 12.00        | 7.54  | 3.53              |
| 27-Mar-18       | LTLS02CN1    | 21-Jun-22 | 10.50  | 4.22  | idA-     | 100.00          | 2.00 | 10.00        | 10.50 | 3.38              |
| 27-Mar-18       | ISAT08B      | 27-Jun-22 | 8.88   | 4.23  | idAAA    | 101.92          | 1.00 | 1.00         | 8.34  | 3.52              |
| 29-Mar-18       | BMTR01ACN1   | 7-Jul-22  | 11.50  | 4.26  | idA+     | 98.00           | 9.00 | 170.02       | 12.10 | 3.24              |
| 26-Mar-18       | BLAM04       | 7-Jul-22  | 9.60   | 4.26  | A(idn)   | 97.81           | 1.00 | 4.00         | 10.24 | 3.39              |
| 28-Mar-18       | BBNI01CN1    | 11-Jul-22 | 8.00   | 4.27  | idAAA    | 104.75          | 1.00 | 3.00         | 6.72  | 3.57              |
| 29-Mar-18       | BVIC01CN1    | 11-Jul-22 | 10.30  | 4.27  | idA-     | 102.05          | 1.00 | 5.00         | 9.71  | 3.37              |
| 26-Mar-18       | PNMP02BCN1   | 12-Jul-22 | 9.25   | 4.28  | idA      | 97.48           | 1.00 | 3.00         | 9.98  | 3.43              |
| 29-Mar-18       | BBTN03BCN1   | 13-Jul-22 | 8.50   | 4.28  | idAA+    | 102.79          | 2.00 | 6.50         | 7.73  | 3.52              |
| 27-Mar-18       | BNGA02CCN2   | 23-Aug-22 | 8.15   | 4.39  | idAAA    | 105.10          | 1.00 | 20.00        | 6.80  | 3.68              |
| 29-Mar-18       | BBRI02BCN3   | 24-Aug-22 | 8.00   | 4.39  | idAAA    | 104.85          | 1.00 | 2.10         | 6.72  | 3.68              |
| 26-Mar-18       | TINS01BCN1   | 28-Sep-22 | 8.75   | 4.49  | idA+     | 95.65           | 1.00 | 4.00         | 9.96  | 3.58              |
| 26-Mar-18       | PPGD03CCN1   | 3-Oct-22  | 7.70   | 4.50  | idAAA    | 98.10           | 1.00 | 2.00         | 8.21  | 3.71              |
| 28-Mar-18       | WSKT03BCN1   | 6-Oct-22  | 8.50   | 4.51  | A(idn)   | 110.75          | 1.00 | 2.00         | 5.78  | 3.72              |
| 27-Mar-18       | PIHC01BCN2   | 9-Nov-22  | 7.90   | 4.60  | AAA(idn) | 101.00          | 4.00 | 20.00        | 7.64  | 3.80              |
| 29-Mar-18       | BIIF01BCN4   | 15-Nov-22 | 7.90   | 4.62  | AA+(idn) | 101.15          | 1.00 | 10.00        | 7.60  | 3.82              |
| 26-Mar-18       | KAI01A       | 21-Nov-22 | 7.75   | 4.63  | idAAA    | 97.83           | 1.00 | 5.00         | 8.32  | 3.83              |
| 26-Mar-18       | BJBR01BCN1   | 6-Dec-22  | 8.15   | 4.68  | idAA-    | 102.00          | 7.00 | 140.00       | 7.64  | 3.87              |
| 26-Mar-18       | BMLK02C      | 8-Dec-22  | 9.25   | 4.68  | A(idn)   | 96.96           | 1.00 | 2.00         | 10.07 | 3.74              |
| 29-Mar-18       | BEXI03BCN6   | 14-Feb-23 | 6.70   | 4.86  | idAAA    | 100.10          | 1.00 | 110.00       | 6.67  | 4.10              |
| 28-Mar-18       | IMFI03CCN2   | 15-Feb-23 | 8.15   | 4.87  | idA      | 101.25          | 1.00 | 1.75         | 7.84  | 3.97              |

Sources: IDX, Danareksa Estimates

## APPENDICES

**Appendix 4. Corporate Bonds Trading 26 Mar - 30 Mar 2018 (cont'd)**

| Last Trade Data | Bonds        | Maturity  | Coupon | Tenor | Rating    | Last Done Price | Freq | Vol (IDR bn) | Yield | Modified Duration |
|-----------------|--------------|-----------|--------|-------|-----------|-----------------|------|--------------|-------|-------------------|
| 28-Mar-18       | SMFP04CCN3   | 20-Feb-23 | 6.95   | 4.88  | idAAA     | 100.10          | 1.00 | 15.00        | 6.92  | 4.09              |
| 29-Mar-18       | WSKT03BCN2   | 23-Feb-23 | 8.25   | 4.89  | AA-(idn)  | 101.00          | 3.00 | 98.85        | 8.00  | 3.97              |
| 27-Mar-18       | PNBN02CCN3   | 27-Feb-23 | 7.50   | 4.90  | idAA      | 100.35          | 2.00 | 32.00        | 7.41  | 4.06              |
| 29-Mar-18       | PIGN01C      | 21-Jun-23 | 9.25   | 5.22  | idAA      | 103.77          | 2.00 | 0.40         | 8.35  | 4.13              |
| 27-Mar-18       | BBKP02SBCN2  | 28-Feb-24 | 11.00  | 5.90  | idA-      | 100.03          | 1.00 | 2.00         | 10.99 | 4.28              |
| 27-Mar-18       | PNBN02SBCN2  | 17-Mar-24 | 10.25  | 5.96  | idA+      | 104.67          | 2.00 | 2.50         | 9.22  | 4.46              |
| 27-Mar-18       | SSMM01B      | 31-Mar-24 | 9.60   | 5.99  | idBB+     | 98.30           | 3.00 | 59.55        | 9.98  | 4.40              |
| 27-Mar-18       | PPLN02BCN1   | 11-Jul-24 | 8.10   | 6.27  | idAAA     | 100.03          | 1.00 | 6.00         | 8.09  | 4.81              |
| 28-Mar-18       | BBRI02CCN3   | 24-Aug-24 | 8.25   | 6.39  | idAAA     | 105.10          | 3.00 | 13.00        | 7.25  | 4.95              |
| 28-Mar-18       | MLJK01C      | 8-Nov-24  | 8.30   | 6.60  | idAAA(sf) | 106.10          | 1.00 | 2.00         | 7.13  | 5.06              |
| 27-Mar-18       | TPIA01CCN1   | 12-Dec-24 | 9.75   | 6.69  | idAA-     | 109.00          | 1.00 | 10.00        | 8.00  | 4.97              |
| 29-Mar-18       | ISAT01ECN2   | 4-Jun-25  | 10.40  | 7.17  | idAAA     | 114.60          | 3.00 | 6.00         | 7.73  | 5.17              |
| 26-Mar-18       | SIISAT01BCN3 | 8-Dec-25  | 11.20  | 7.68  | idAAA(sy) | 117.87          | 2.00 | 4.00         | 8.06  | 5.34              |
| 28-Mar-18       | BMRI01CCN1   | 30-Sep-26 | 8.65   | 8.49  | idAAA     | 109.65          | 2.00 | 2.00         | 7.13  | 6.01              |
| 26-Mar-18       | APAI01C      | 22-Nov-26 | 8.55   | 8.64  | idAAA     | 102.04          | 2.00 | 2.00         | 8.22  | 6.06              |
| 28-Mar-18       | BEXI03ECN4   | 23-Feb-27 | 9.40   | 8.89  | idAAA     | 110.70          | 1.00 | 13.00        | 7.73  | 6.11              |
| 29-Mar-18       | SIEXCL01ECN2 | 28-Apr-27 | 9.40   | 9.07  | AAA(idn)  | 108.15          | 1.00 | 7.50         | 8.12  | 6.11              |
| 27-Mar-18       | BMRI01CCN2   | 15-Jun-27 | 8.65   | 9.20  | idAAA     | 108.51          | 1.00 | 5.00         | 7.37  | 6.43              |
| 29-Mar-18       | PPLN02CCN1   | 11-Jul-27 | 8.50   | 9.27  | idAAA     | 107.25          | 1.00 | 0.35         | 7.41  | 6.39              |
| 27-Mar-18       | PTHK01BCN3   | 26-Sep-27 | 8.40   | 9.48  | idAAA(gg) | 100.77          | 1.00 | 5.00         | 8.28  | 6.51              |
| 29-Mar-18       | PPLN02CCN2   | 3-Nov-27  | 8.20   | 9.58  | idAAA     | 105.35          | 1.00 | 0.65         | 7.42  | 6.61              |
| 27-Mar-18       | PPLN02ECN3   | 22-Feb-38 | 8.75   | 19.89 | idAAA     | 106.08          | 1.00 | 30.00        | 8.13  | 9.60              |

Sources: IDX, Danareksa Estimates

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