

7 June 2022 **Credit Strategy**

Supply for May (€bn)

| | Corporates | Financials |
|-----|------------|------------|
| May | 31.6 | 30.5 |

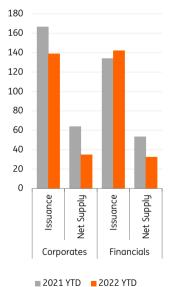
Source: ING, Dealogic

Supply FY and YTD (€bn)

| Corporates | FY | YTD |
|------------------------------|--------------------------|--------------------------|
| 2016 | 308 | 163 |
| 2017 | 324 | 154 |
| 2018 | 282 | 134 |
| 2019 | 392 | 155 |
| 2020 | 445 | 250 |
| 2021 | 344 | 172 |
| 2022 | 141 | 141 |
| | | |
| Financials | FY | YTD |
| Financials 2016 | FY 235 | YTD 152 |
| | | |
| 2016 | 235 | 152 |
| 2016 2017 | 235 228 | 152 131 |
| 2016 2017 2018 | 235 228 226 | 152 131 117 |
| 2016 2017 2018 2019 | 235 228 226 268 | 152 131 117 120 |

Source: ING, Dealogic

Supply and Net Supply YTD



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Euro Credit Supply

Decent supply in May despite volatility



Supply in May in line with previous years, but NIP remains high

- Corporate supply totalled €32bn in May, in line with the usual €30-35bn for the month. This is a notable increase on the small €9bn supplied in April. This decent supply in May comes despite the changing funding environment. Rates continue to rise, and spreads are currently sitting at the high end of the trading range. Furthermore, primary markets will be under the most pressure as CSPP ends. Already, issuers bringing a bond to the market need to pay a significant new issue premium (NIP), and the ECB are reducing their orders down from 30% to 20%. In fact, due to the recent rise in rates and widening of spreads, many issuers were forced to actually pull their deals and not come to the market as volatility peaked earlier in the month.
- Furthermore, new issues have not seen any performance after issuance, and in general, the rule of thumb is that the secondary curve widens out to meet the new issue, as opposed to the new issue tightening down to the secondary curve. This is a clear indication of a bear market. As a result, we would be cautious towards secondary market exposure to corporates that are potentially bringing new bonds to the market. We do see opportunity in new issues that are offering decent NIP, and in the widened out secondary curve.
- Supply on a YTD basis is now sitting at €141bn, running behind the previous three years. The majority of supply this year has been concentrated in the belly of the curve, namely in the 6-9yr area, which has pencilled in €40bn. The Utility sector has been most active with supply of €12bn last month. Utility supply is now running ahead of last year on a YTD basis, pencilled in at €29bn, versus €24bn last year. Corporate hybrids supply remains low with no additional bonds issued in May. Thus, hybrid supply remains at €8bn for 2022 thus far.

Substantial financial supply as Bank senior and covered bonds supply increase

Financial supply in May amounted to €31bn, up on the previous years. On a year-to-date basis, financial supply (excluding covered bonds) are now pencilled in at €144bn, running ahead of the past five years. The increase in supply has been seen in Bank senior supply, now sitting at €98bn YTD, up on €80bn last year YTD. Financial supply has been shorter on the curve compared to corporates, concentrated around the 3-6yr area of the curve. In addition, covered bonds remain an issuer favourite, with €23bn issued in May, up on €8bn supplied in May last year. Covered bond supply is now sitting a €115bn YTD, already above the full year amounts seen in 2020 and 2021.

Fig 1 Euro corporate supply overview (€bn)

| | 2018 | 2019 | 2020 | 2021 | 2021 May | 2022 Apr | 2022 May | 2021 YTD | 2022 YTD | % diff |
|------------------------|------|------|------|------|----------|----------|----------|----------|----------|--------|
| Auto | 53 | 55 | 39 | 32 | 5 | 0 | 2 | 19 | 15 | -19% |
| Consumer | 25 | 37 | 67 | 38 | 1 | 5 | 3 | 19 | 17 | -12% |
| Healthcare | 36 | 52 | 39 | 22 | 1 | 0 | 4 | 8 | 12 | 52% |
| Industrial & Chemicals | 36 | 56 | 74 | 60 | 5 | 1 | 6 | 30 | 24 | -23% |
| Real Estate | 28 | 32 | 39 | 61 | 9 | 0 | 1 | 28 | 19 | -32% |
| TMT | 42 | 75 | 67 | 39 | 2 | 0 | 3 | 22 | 13 | -40% |
| Utility | 34 | 46 | 52 | 52 | 4 | 1 | 12 | 24 | 29 | 21% |
| Others | 18 | 27 | 20 | 26 | 4 | 2 | 1 | 12 | 10 | -19% |
| Corporate Hybrid | 19 | 22 | 42 | 36 | 5 | 1 | 0 | 22 | 8 | -63% |

Fig 2 Euro financial supply overview (€bn)

| | 2018 | 2019 | 2020 | 2021 | 2021 May | 2022 Apr | 2022 May | 2021 YTD | 2022 YTD | % diff |
|--------------------|------|------|------|------|----------|----------|----------|----------|----------|--------|
| Bank Senior | 165 | 174 | 139 | 145 | 15 | 15 | 22 | 80 | 98 | 23% |
| of which Bail-in | 60 | 82 | 77 | 51 | 6 | 7 | 8 | 35 | 38 | 9% |
| of which Pref | 105 | 92 | 62 | 94 | 9 | 8 | 14 | 45 | 60 | 33% |
| Bank Capital | 21 | 31 | 39 | 39 | 6 | 1 | 1 | 19 | 11 | -40% |
| Financial Services | 27 | 41 | 36 | 60 | 6 | 4 | 4 | 29 | 25 | -15% |
| Insurance | 12 | 22 | 20 | 21 | 3 | 2 | 4 | 8 | 10 | 20% |
| Covered | 150 | 151 | 101 | 101 | 8 | 13 | 23 | 42 | 115 | 174% |

Note: Dealogic sorts some Banks into the Financial Services sector

Source: ING, Dealogic

Fig 3 Euro corporate supply and net supply by month (€bn)

| Issuance | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Total |
|-------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| 2018 | 26.6 | 17.4 | 36.2 | 22.3 | 31.6 | 26.0 | 13.8 | 17.7 | 36.4 | 18.1 | 30.4 | 5.4 | 281.9 |
| 2019 | 34.3 | 30.9 | 36.5 | 16.7 | 36.9 | 42.9 | 22.1 | 22.9 | 58.2 | 39.8 | 42.4 | 8.5 | 392.2 |
| 2020 | 28.7 | 35.4 | 49.4 | 68.6 | 62.1 | 62.9 | 21.8 | 6.6 | 49.6 | 28.7 | 21.2 | 9.7 | 444.6 |
| 2021 | 37.0 | 28.4 | 45.0 | 21.8 | 34.6 | 37.8 | 10.1 | 19.8 | 43.8 | 26.3 | 35.1 | 4.6 | 344.3 |
| 2022 | 37.4 | 14.0 | 47.2 | 9.0 | 31.6 | | | | | | | | 139.1 |
| Net Supply | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Total |
| 2018 | 14.0 | -3.4 | 21.4 | 9.0 | 17.6 | 11.0 | 2.1 | 11.1 | 28.1 | 2.4 | 12.7 | -2.5 | 123.3 |
| 2019 | 16.4 | 18.3 | 14.1 | 3.2 | 26.0 | 29.1 | 4.3 | 18.9 | 38.8 | 30.3 | 22.6 | -1.5 | 220.5 |
| 2020 | 7.4 | 27.2 | 19.1 | 52.5 | 40.6 | 52.6 | 5.0 | -1.6 | 29.3 | 13.4 | -4.2 | -0.6 | 240.5 |
| 2021 | 14.9 | 12.4 | 14.0 | 5.6 | 17.0 | 19.3 | -2.3 | 10.1 | 24.0 | 8.6 | 15.8 | -9.5 | 129.8 |
| Redemptions | 21.9 | 17.2 | 28.5 | 17.9 | 18.5 | 25.3 | 14.6 | 7.0 | 27.4 | 10.4 | 21.8 | 12.6 | 223.2 |
| 2022 | 15.4 | -3.3 | 18.6 | -8.9 | 13.0 | | | | | | | | 34.9 |

Redemptions shown for 2022 only

Source: ING, Dealogic

Fig 4 Euro financial supply and net supply by month (€bn)

| Issuance | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Total |
|-------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| 2018 | 27.4 | 20.8 | 33.7 | 22.0 | 13.1 | 11.5 | 25.4 | 20.5 | 24.6 | 6.4 | 19.3 | 1.2 | 225.8 |
| 2019 | 27.6 | 25.7 | 21.9 | 26.0 | 19.0 | 33.7 | 14.5 | 14.5 | 27.0 | 25.2 | 27.9 | 5.2 | 268.2 |
| 2020 | 45.2 | 18.6 | 14.7 | 26.1 | 24.8 | 27.9 | 13.2 | 8.7 | 13.2 | 16.6 | 22.5 | 2.6 | 233.9 |
| 2021 | 28.3 | 32.4 | 28.6 | 15.0 | 29.8 | 23.1 | 5.5 | 12.2 | 36.8 | 21.9 | 28.7 | 3.1 | 265.5 |
| 2022 | 35.6 | 22.5 | 31.9 | 21.8 | 30.5 | | | | | | | | 142.3 |
| Net Supply | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Total |
| 2018 | -0.5 | 1.0 | 7.5 | 5.6 | -3.6 | -3.7 | 15.0 | 16.1 | 13.0 | -5.0 | 7.0 | -7.9 | 44.5 |
| 2019 | 5.3 | 12.5 | 0.2 | 6.0 | 0.3 | 18.5 | 3.9 | 2.2 | 5.9 | 10.6 | 15.2 | -1.0 | 79.6 |
| 2020 | 21.0 | -1.0 | -2.6 | 10.8 | 14.5 | 6.7 | -3.5 | -3.1 | -3.5 | 11.3 | 0.2 | -8.7 | 42.1 |
| 2021 | 7.1 | 17.5 | 8.9 | 0.1 | 20.0 | 9.8 | -2.8 | 6.6 | 10.7 | 11.3 | 13.5 | -6.2 | 96.3 |
| Redemptions | 34.4 | 20.7 | 23.2 | 17.8 | 13.8 | 14.4 | 11.0 | 10.0 | 24.5 | 16.9 | 12.4 | 12.0 | 211.0 |
| 2022 | 1.2 | 1.8 | 8.8 | 3.9 | 16.7 | | | | | | | | 32.5 |

Covered Bonds excluded from aggregate throughout

Redemptions shown for 2022

Fig 5 Corporate supply and redemptions by month, 2022 (€bn)

| Supply | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Total |
|----------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|--------------|
| Autos | 5.2 | 3.4 | 5.1 | 0.0 | 1.5 | | | | | | | | 15.2 |
| Consumer | 0.0 | 1.2 | 7.3 | 5.2 | 3.3 | | | | | | | | 16.9 |
| Healthcare | 0.0 | 0.1 | 8.2 | 0.1 | 4.0 | | | | | | | | 12.4 |
| Industrial | 3.0 | 1.6 | 10.2 | 1.0 | 6.2 | | | | | | | | 22.0 |
| Real Estate | 12.9 | 0.8 | 4.5 | 0.1 | 0.8 | | | | | | | | 19.1 |
| TMT | 2.6 | 5.3 | 3.0 | 0.0 | 2.5 | | | | | | | | 13.4 |
| Utility | 9.2 | 1.0 | 5.7 | 1.2 | 11.9 | | | | | | | | 28.8 |
| Others | 2.8 | 0.6 | 3.3 | 1.5 | 1.4 | | | | | | | | 9.6 |
| Redemptions | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Total |
| Autos | 3.6 | 2.0 | 2.0 | 4.2 | 2.5 | 3.3 | 2.8 | 2.4 | 5.3 | 0.1 | 3.2 | 0.8 | 31.9 |
| Consumer | 0.6 | 4.3 | 3.6 | 1.2 | 2.2 | 0.7 | 1.1 | 1.7 | 2.8 | 0.0 | 3.4 | 0.8 | 22.5 |
| Healthcare | 2.5 | 1.3 | 2.9 | 0.7 | 0.2 | 2.4 | 0.6 | 0.0 | 1.4 | 0.0 | 2.4 | 2.9 | 17.1 |
| Industrial | 4.7 | 2.1 | 5.0 | 1.3 | 5.0 | 3.6 | 3.5 | 1.4 | 2.8 | 2.3 | 2.1 | 2.9 | 36.7 |
| Real Estate | 2.0 | 0.2 | 0.7 | 0.9 | 1.8 | 1.2 | 1.2 | 0.5 | 1.6 | 2.6 | 1.3 | 1.0 | 15.1 |
| | | | | | | | | | | | | | |
| TMT | 2.1 | 3.1 | 5.8 | 3.1 | 3.1 | 8.2 | 3.2 | 0.8 | 3.0 | 0.9 | 2.7 | 2.6 | 38.4 |
| TMT Utility | 2.1 5.9 | 3.1 3.2 | 5.8 2.9 | 3.1 1.8 | 3.1 1.5 | 8.2 4.5 | 3.2 1.5 | 0.8 0.0 | 3.0 5.9 | 0.9 3.0 | 2.7 3.5 | 2.6 0.1 | 38.4 33.7 |

Fig 6 Financial supply and redemptions by month, 2022 (€bn)

| Supply | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Total |
|--|----------------------------|----------------------------|----------------------------|----------------------------|--------------------------|--------------------------|--------------------------|--------------------------|----------------------------|--------------------------|---------------------------|--------------------------|--------------------------------|
| Bank Senior | 25.5 | 16.8 | 18.4 | 15.4 | 21.6 | | | | | | | | 97.8 |
| of which NPS | 12.4 | 6.9 | 3.8 | 7.3 | 8.0 | | | | | | | | 38.3 |
| of which Pref | 13.1 | 10.0 | 14.6 | 8.2 | 13.6 | | | | | | | | 59.5 |
| Bank Capital | 3.0 | 0.7 | 5.8 | 0.8 | 1.0 | | | | | | | | 11.2 |
| Financial Services | 4.9 | 4.4 | 5.8 | 3.8 | 4.4 | | | | | | | | 23.2 |
| Insurance | 2.3 | 0.6 | 2.0 | 1.8 | 3.5 | | | | | | | | 10.1 |
| Covered | 28.7 | 16.5 | 34.0 | 12.9 | 22.8 | | | | | | | | 114.8 |
| | | | | | | | | | | | | | |
| Redemptions | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Total |
| Redemptions Bank Senior | Jan 32.2 | Feb 16.1 | Mar 19.0 | Apr 16.7 | May 8.6 | Jun 9.0 | Jul 8.1 | Aug 9.2 | Sep 20.7 | Oct 9.4 | Nov 10.9 | Dec 7.5 | Total 167.4 |
| | | | | • | | | | | | | | | |
| Bank Senior | 32.2 | 16.1 | 19.0 | 16.7 | 8.6 | 9.0 | 8.1 | 9.2 | 20.7 | 9.4 | 10.9 | 7.5 | 167.4 |
| Bank Senior of which NPS | 32.2 3.0 | 16.1 6.0 | 19.0 5.8 | 16.7 4.3 | 8.6 1.4 | 9.0 0.3 | 8.1 0.0 | 9.2 0.8 | 20.7 | 9.4 0.0 | 10.9 1.5 | 7.5 0.0 | 167.4 32.1 |
| Bank Senior of which NPS of which Pref | 32.2 3.0 29.2 | 16.1 6.0 10.1 | 19.0 5.8 13.1 | 16.7 4.3 12.5 | 8.6 1.4 7.2 | 9.0 0.3 8.7 | 8.1 0.0 8.1 | 9.2 0.8 8.4 | 20.7 9.0 11.7 | 9.4 0.0 9.4 | 10.9 1.5 9.4 | 7.5 0.0 7.5 | 167.4 32.1 135.3 |
| Bank Senior of which NPS of which Pref Bank Capital | 32.2 3.0 29.2 1.0 | 16.1 6.0 10.1 2.0 | 19.0 5.8 13.1 3.8 | 16.7 4.3 12.5 4.5 | 8.6 1.4 7.2 0.0 | 9.0 0.3 8.7 2.1 | 8.1 0.0 8.1 1.2 | 9.2 0.8 8.4 0.0 | 20.7 9.0 11.7 3.0 | 9.4 0.0 9.4 2.8 | 10.9 1.5 9.4 3.1 | 7.5 0.0 7.5 1.3 | 167.4 32.1 135.3 24.5 |

Source: ING, Dealogic

Fig 7 Euro supply, redemptions and net supply by year (€bn)

| Corporates | YTD | FY | Reds | Net | Financials | YTD | FY | Reds | Net |
|------------|-------|-------|-------|-------|------------|-------|-------|-------|--------|
| 2011 | 55.5 | 109.2 | 107.5 | 1.7 | 2011 | 153.8 | 204.9 | 387.8 | -183.0 |
| 2012 | 86.3 | 222.1 | 111.7 | 110.4 | 2012 | 91.4 | 201.8 | 412.0 | -210.2 |
| 2013 | 104.0 | 235.9 | 141.2 | 94.6 | 2013 | 98.1 | 205.1 | 341.0 | -135.9 |
| 2014 | 115.2 | 267.7 | 165.7 | 102.1 | 2014 | 148.2 | 266.5 | 323.1 | -56.6 |
| 2015 | 167.4 | 276.3 | 122.1 | 154.2 | 2015 | 147.4 | 257.4 | 320.7 | -63.3 |
| 2016 | 163.4 | 308.0 | 144.5 | 163.5 | 2016 | 152.1 | 235.5 | 262.4 | -27.0 |
| 2017 | 153.9 | 324.3 | 155.3 | 169.1 | 2017 | 130.6 | 227.6 | 270.5 | -42.9 |
| 2018 | 134.2 | 281.9 | 158.5 | 123.3 | 2018 | 117.0 | 225.8 | 181.3 | 44.5 |
| 2019 | 155.4 | 392.2 | 171.8 | 220.5 | 2019 | 120.2 | 268.2 | 188.6 | 79.6 |
| 2020 | 249.5 | 444.6 | 204.1 | 240.5 | 2020 | 133.1 | 233.9 | 191.9 | 42.1 |
| 2021 | 172.1 | 344.3 | 214.4 | 129.8 | 2021 | 136.0 | 265.5 | 169.2 | 96.3 |
| 2022 | 140.6 | 140.6 | 223.2 | | 2022 | 143.7 | 143.7 | 211.0 | |
| 2023 | | | 246.0 | | 2023 | | | 183.7 | |
| 2024 | | | 253.0 | | 2024 | | | 169.7 | |

Fig 8 Subordinated supply, 2021 and 2022 (€bn)

| 2021 | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Total |
|--------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|
| AT1 | 0.8 | 0.2 | 0.5 | 0.8 | 2.3 | 1.9 | 0.1 | 0.0 | 2.5 | 0.0 | 2.5 | 0.0 | 11.4 |
| T2 | 1.8 | 0.8 | 4.5 | 1.1 | 3.5 | 2.8 | 0.1 | 1.8 | 2.1 | 2.8 | 3.9 | 0.0 | 24.9 |
| Bank Capital | 2.5 | 1.0 | 5.0 | 1.8 | 5.7 | 4.6 | 0.2 | 1.8 | 4.6 | 2.8 | 6.4 | 0.0 | 36.3 |
| Corp Hybrids | 6.9 | 4.2 | 4.2 | 1.9 | 4.7 | 2.8 | 0.3 | 2.5 | 5.6 | 0.6 | 2.6 | 0.0 | 36.0 |
| 2022 | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Total |
| AT1 | 0.2 | 0.2 | 2.8 | 0.3 | 0.0 | | | | | | | | 3.4 |
| T2 | 2.8 | 0.0 | 3.0 | 0.5 | 1.0 | | | | | | | | 7.3 |
| Bank Capital | 3.0 | 0.2 | 5.8 | 0.8 | 1.0 | | | | | | | | 10.7 |
| Corp Hybrids | 2.1 | 1.0 | 4.1 | 1.0 | 0.0 | | | | | | | | 8.2 |

Fig 9 Reverse Yankee supply, 2021 and 2022 (€bn)

| 2021 | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Total |
|---------------------------------|--------------------------|--------------------------|----------------------------|--------------------------|--------------------------|-------------------|--------------------------|--------------------------|----------------------------|---------------------------|--------------------------|-------------------|-----------------------------|
| Corporate Financial Total | 2.1 3.4 5.5 | 5.2 3.6 8.8 | 11.7 3.8 15.5 | 2.8 5.3 8.1 | 4.5 4.6 9.1 | 0.1 0.9 1.0 | 0.5 0.6 1.1 | 3.7 0.4 4.1 | 13.9 6.0 19.9 | 9.7 6.8 16.5 | 5.4 3.8 9.2 | 0.0 0.0 0.0 | 59.4 39.1 98.5 |
| 2022 | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Total |
| Corporate Financial Total | 2.3 0.8 3.1 | 2.6 3.0 5.6 | 6.4 3.8 10.1 | 0.5 4.4 4.9 | 2.9 7.0 9.9 | | | | | | | | 14.6 19.0 33.6 |

Source: ING, Dealogic

Fig 10 XCCY 5yr

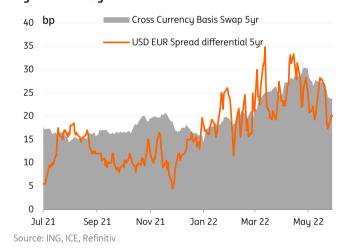


Fig 11 XCCY 10yr

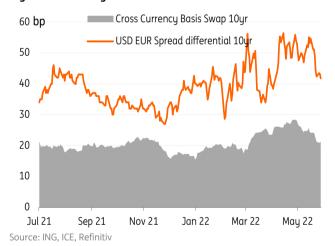


Fig 12 European, Yankee and Reverse Yankee supply (€bn)

| Corporates | European | Yankee (US\$) | Rev Yankee | Financials | European | Yankee (US\$) | Rev Yankee |
|------------|----------|---------------|------------|------------|----------|---------------|------------|
| 2011 | 84.6 | 92.0 | 6.4 | 2011 | 165.9 | 90.1 | 5.7 |
| 2012 | 158.4 | 140.2 | 16.7 | 2012 | 156.2 | 59.3 | 7.6 |
| 2013 | 155.2 | 112.7 | 32.5 | 2013 | 145.0 | 77.5 | 14.4 |
| 2014 | 153.6 | 112.2 | 42.9 | 2014 | 174.4 | 126.1 | 32.3 |
| 2015 | 145.8 | 108.8 | 62.1 | 2015 | 145.7 | 128.0 | 28.7 |
| 2016 | 177.9 | 114.5 | 65.9 | 2016 | 133.4 | 115.0 | 46.1 |
| 2017 | 192.5 | 102.4 | 65.2 | 2017 | 131.3 | 113.9 | 35.8 |
| 2018 | 181.5 | 130.0 | 31.6 | 2018 | 124.3 | 133.0 | 20.4 |
| 2019 | 234.5 | 95.9 | 99.3 | 2019 | 175.6 | 96.2 | 28.3 |
| 2020 | 281.1 | 116.0 | 68.3 | 2020 | 151.8 | 124.9 | 24.3 |
| 2021 | 195.7 | 94.5 | 59.5 | 2021 | 139.5 | 168.1 | 39.1 |
| 2022 | 89.3 | 37.4 | 14.6 | 2022 | 78.2 | 67.4 | 19.0 |

Source: ING

Fig 13 ESG supply per month 2022 (€bn)

| Corporate | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Total |
|-------------|------|-----|------|-----|------|-----|-----|-----|-----|-----|-----|-----|-------|
| Green | 9.3 | 1.0 | 9.4 | 1.3 | 12.5 | | | | | | | | 33.3 |
| Social | 0.7 | 0.0 | 1.7 | 0.0 | 0.0 | | | | | | | | 2.4 |
| Sustainable | 0.5 | 0.0 | 0.0 | 0.6 | 1.5 | | | | | | | | 2.6 |
| ESG | 10.5 | 1.0 | 11.0 | 1.9 | 14.0 | | | | | | | | 38.3 |
| Financial | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Total |
| Green | 4.4 | 4.6 | 1.3 | 2.5 | 4.8 | | | | | | | | 17.5 |
| Social | 1.0 | 0.0 | 1.0 | 0.0 | 0.0 | | | | | | | | 2.0 |
| Sustainable | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | | | | | | | | 0.3 |
| ESG | 5.7 | 4.6 | 2.3 | 2.5 | 4.8 | | | | | | | | 19.8 |
| Covered | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Total |
| Green | 0.0 | 1.5 | 1.8 | 1.0 | 2.8 | | | | | | | | 7.0 |
| Social | 0.0 | 0.0 | 0.6 | 0.5 | 1.3 | | | | | | | | 2.4 |
| Sustainable | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | | | | | | 0.0 |
| ESG | 0.0 | 1.5 | 2.4 | 1.5 | 4.0 | | | | | | | | 9.4 |

Source: ING, Dealogic – classified as ESG under Dealogic

Fig 14 ESG supply per year and YTD (€bn)

| Corporate | 2018 | 2019 | 2020 | 2021 | 2022 | 2018 YTD | 2019 YTD | 2020 YTD | 2021 YTD | 2022 YTD |
|-------------|------|------|------|------|------|----------|----------|----------|----------|----------|
| Green | 12.2 | 29.4 | 34.9 | 61.6 | 33.3 | 6.3 | 12.2 | 16.9 | 27.6 | 33.3 |
| Social | 0.3 | 0.0 | 1.3 | 3.5 | 2.4 | 0.3 | 0.0 | 0.0 | 2.2 | 2.4 |
| Sustainable | 0.0 | 0.9 | 2.6 | 6.1 | 2.6 | 0.0 | 0.3 | 1.1 | 2.1 | 2.6 |
| ESG | 12.5 | 30.3 | 38.8 | 71.2 | 38.3 | 6.6 | 12.5 | 18.0 | 31.9 | 38.3 |
| Financial | 2018 | 2019 | 2020 | 2021 | 2022 | 2018 YTD | 2019 YTD | 2020 YTD | 2021 YTD | 2022 YTD |
| Green | 12.9 | 21.8 | 17.9 | 42.5 | 18.3 | 3.3 | 9.5 | 4.6 | 18.1 | 18.3 |
| Social | 1.3 | 2.8 | 4.8 | 7.5 | 2.0 | 0.0 | 0.0 | 2.0 | 3.8 | 2.0 |
| Sustainable | 0.8 | 2.1 | 1.8 | 5.5 | 0.3 | 0.8 | 0.1 | 0.5 | 3.4 | 0.3 |
| ESG | 14.9 | 26.7 | 24.6 | 55.5 | 20.6 | 4.1 | 9.6 | 7.1 | 25.2 | 20.6 |
| Covered | 2018 | 2019 | 2020 | 2021 | 2022 | 2018 YTD | 2019 YTD | 2020 YTD | 2021 YTD | 2022 YTD |
| Green | 4.5 | 4.5 | 5.1 | 10.8 | 7.0 | 1.0 | 0.0 | 2.6 | 4.0 | 7.0 |
| Social | 1.0 | 2.0 | 2.5 | 4.8 | 2.4 | 0.0 | 1.0 | 2.0 | 1.8 | 2.4 |
| Sustainable | 0.5 | 0.0 | 0.6 | 0.7 | 0.0 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 |
| ESG | 6.0 | 6.5 | 8.2 | 16.3 | 9.4 | 1.5 | 1.0 | 4.6 | 5.8 | 9.4 |

Source: ING, Dealogic - classified as ESG under Dealogic

Fig 15 Investment grade issuance by maturity, 2021 and 2022 (US\$bn)

| 2021 | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | 2020 |
|-------------------------|------|------|------|------|------|------|-----|-----|------|-----|------|-----|-------|
| Corp 0-3yr | 3.6 | 1.4 | 1.1 | 1.2 | 2.0 | 2.5 | 1.4 | 1.5 | 1.0 | 3.7 | 5.2 | 0.0 | 24.5 |
| Corp 3-6yr | 3.9 | 2.9 | 7.7 | 2.9 | 7.5 | 6.5 | 1.0 | 3.6 | 5.2 | 2.3 | 5.0 | 1.9 | 50.4 |
| Corp 6-9yr | 9.5 | 9.2 | 13.4 | 5.6 | 13.3 | 12.7 | 3.5 | 5.7 | 13.3 | 7.4 | 9.7 | 1.1 | 104.3 |
| Corp 9-12yr | 6.9 | 6.0 | 8.9 | 2.0 | 5.4 | 4.2 | 3.1 | 2.5 | 9.0 | 3.3 | 5.8 | 0.3 | 57.2 |
| Corp 12yrs+ | 13.0 | 8.8 | 13.8 | 10.1 | 7.6 | 11.1 | 1.1 | 6.5 | 15.3 | 9.7 | 10.1 | 1.1 | 108.2 |
| Fin 0-3yr | 1.0 | 0.8 | 0.4 | 4.9 | 1.7 | 2.1 | 0.6 | 1.8 | 2.1 | 0.8 | 4.8 | 0.0 | 20.9 |
| Fin 3-6yr | 3.3 | 5.9 | 8.0 | 1.8 | 5.7 | 2.4 | 0.4 | 2.1 | 6.0 | 5.0 | 8.9 | 1.5 | 51.0 |
| Fin 6-9yr | 8.2 | 12.0 | 5.7 | 5.1 | 8.8 | 10.5 | 3.1 | 5.2 | 16.6 | 4.1 | 5.7 | 1.0 | 86.0 |
| Fin 9-12yr | 9.9 | 9.9 | 8.3 | 1.7 | 8.6 | 3.3 | 0.7 | 1.1 | 5.5 | 5.3 | 4.2 | 0.2 | 58.7 |
| Fin 12yrs+ | 6.0 | 3.7 | 6.1 | 1.5 | 5.1 | 5.0 | 0.7 | 2.0 | 6.6 | 6.7 | 5.0 | 0.5 | 48.9 |
| 2022 | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | YTD |
| Corp 0-3yr | 5.6 | 3.2 | 8.3 | 0.8 | 3.6 | | | | | | | | 21.4 |
| Corp 3-6yr | 7.9 | 2.6 | 10.5 | 1.9 | 5.8 | | | | | | | | 28.7 |
| Corp 6-9yr | 9.2 | 3.5 | 11.3 | 2.7 | 13.4 | | | | | | | | 40.0 |
| Corp 9-12yr | 5.6 | 1.2 | 6.9 | 1.8 | 4.5 | | | | | | | | 19.9 |
| Corp 12yrs+ | 9.1 | 3.5 | 10.2 | 2.0 | 4.3 | | | | | | | | 29.0 |
| Fin 0-3yr | 4.6 | 3.6 | 2.3 | 5.1 | 4.2 | | | | | | | | 19.7 |
| Fin 3-6yr | 7.1 | 9.0 | 11.4 | 8.3 | 11.9 | | | | | | | | 47.6 |
| F: C O | 17.0 | 6.9 | 6.9 | 3.3 | 7.1 | | | | | | | | 37.9 |
| Fin 6-9yr | 13.8 | 0.5 | | | | | | | | | | | |
| Fin 6-9yr Fin 9-12yr | 4.6 | 2.2 | 7.8 | 4.3 | 3.8 | | | | | | | | 22.7 |

Fig 16 Corporate supply per S&P rating (€bn)

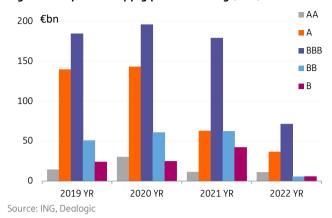


Fig 18 Corporate supply per country (€bn)

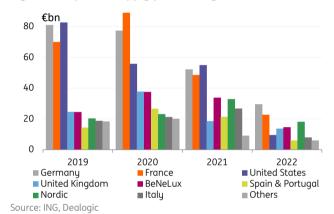


Fig 17 Financial supply per S&P rating (€bn)

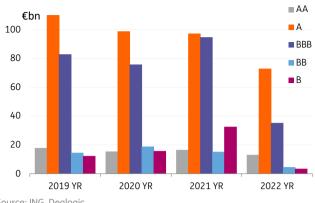
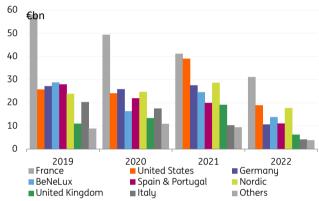


Fig 19 Financial supply per country (€bn)



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