

Credit Markets Weekly

Sovereign Austria, Sub-Sovereigns & Agencies, Financials & Covered Bonds, Corporate Bonds

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EUR Market overview sorted by yield

| Debt Type | Ø Rating | Ø Term | Ø Yield | Ø ASW (in BP) |
|-----------------|----------|--------|---------|---------------|
| DE Sovereign | AAA | 7.9 | -0.35% | -37.4 |
| AT Agencies | AA+ | 6.4 | 0.02% | 13.7 |
| Covered Bonds | AAA | 5.1 | 0.13% | 29.0 |
| AT Sovereign | AA+ | 11.8 | 0.27% | 51.3 |
| SSAs | AA+ | 7.7 | 0.32% | 42.1 |
| Bank Senior | A | 4.4 | 1.11% | 129.9 |
| IG Corporates | A- | 6.0 | 1.26% | 138.1 |
| IG Corp Hybrids | BBB | 4.6 | 2.84% | 303.3 |
| HY Corporates | BB- | 4.8 | 6.19% | 557.5 |

Source: Market data provider, Erste Group Research (own calculations)

Major Markets & Credit Research

Gudrun Egger, CEFA (Head)

Sovereign Austria

Margarita Grushanina

Sub-Sovereigns & Agencies

Ralf Burchert, CEFA

Financials & Covered Bonds

Heiko Langer
Carmen Riefler-Kowarsch

Corporate Bonds

Peter Kaufmann, CFA
Bernadett Povaszai-Roemhild, CEFA
Elena Statelov, CIIA

Last updates:

[Corporate Credit Monitor Austria](#)
(available in German only)
[Corporate Credit Monitor CEE](#)

[Week Ahead](#)

All data as of April 27, 2020

Note: Past performance is not necessarily indicative of future results.

The First Data Showing the True Situation heading

No uniform trend has been established in the market so far. Activity in the primary market for EUR-denominated bank bonds is still lagging behind other asset classes (particularly euro zone-domiciled banks are cautious). A volatile sideways movement of spreads has recently taken hold in the secondary market. Apart from the ongoing 1Q 2020 reporting season, the first GDP data releases have shed some light on the uncertain economic situation caused by the COVID-19 pandemic. The advance estimate of US economic output was published on Wednesday. Consensus estimates called for a GDP contraction of 3.9% q/q. However, according to the Bureau of Economic Analysis real GDP decreased by 4.8% in the first quarter. For the euro zone GDP a decrease of 3.8% (q/q) was published, which was in line with market expectations. Regarding Austria we have revised our [forecast for the 2020 GDP](#) downward.

Central banks have not reached their limits yet

Even though central banks are currently not waiting for scheduled meetings to take action, the market remain keeping an eye on the regular meetings of the FOMC (29 April) and the ECB Council on 30 April. Ahead of the regular meeting, the ECB revised its rules on minimum collateral requirements, in line with its announcement from early April. Specifically, the ECB wants to prevent the potential emergence of bottlenecks in the pledging of bonds as collateral due to downgrades of issuers. The relevant cut-off date is 07 April: all bonds that were eligible as collateral with the ECB on this date will continue to be accepted even if their rating declines below 'BBB-', i.e., below investment grade (or 'A-' in the case of ABS). From now on the new minimum rating is 'BB'. These measures will be in force until September 2021, when the first early repayments of the third series of the long-term refinancing facility (TLTRO-III) become possible.

Special topics of the week

Sovereign

AT: We expect stronger recession this year than during financial crisis 5

Financials & Covered Bonds

BAWAG Group: Higher Risk Costs in Q1 2020 6

Corporate Bonds

TEG submits final report on EU Taxonomy 7

Market overview

Sub-Sovereigns & Agencies

Benchmarks enter calmer waters

Yields on 10-year German Bunds have returned to calmer waters and have recently softened slightly to trade between -0.4% and -0.5%. Yields on peripheral sovereign bonds in the euro zone are also trading at lower levels again. On the other hand, wider spreads seem to be solidifying in SSA secondary markets, after a recent corrective move turned out to be very short-lived.

SSA primary market activity is very strong, issuance volume in April about twice as large as usual

Activity in SSA primary markets continued to be strong in recent days, with large and diverse offerings from all sub-segments. The maturity spectrum was primarily in the medium to long-term range. Demand for individual offerings also indicates very robust market conditions. Similar to March, the month of April should come to a close with issuance volume around twice as large as the average of recent years. Among sovereigns, Hungary (Baa3/BBB/BBB) surprised last week with a EUR-denominated dual tranche in the amount of EUR 2bn maturing in 2026 and 2032, priced at +145 bps (1.279%) and +180 bps over mid-swaps (1.835%) respectively. Lithuania (A3/A+/A) also placed a total of EUR 2bn in two tranches this week, in the form of a EUR 750mn 5-year bond and a EUR 1.25bn 10-year bond priced at spreads of +60 bps and +90 bps over mid-swaps.

Wide range of offerings, focus on medium and long term maturities

The European Investment Bank (EIB, Aaa/AAA/AAA) provided the largest offering of recent days, placing a EUR 5bn bond with a 7-year term to maturity. The order book reached EUR 20bn. With an issuance spread of +6 bps over mid-swaps, the placement settled at a negative yield of -0.13%, which was 2 bps below guidance. Madrid (Baa1/A-/BBB) placed a EUR 700m 7-year green bond at SPGB +19 bps, with demand exceeding supply by more than 4 times. French high-speed train builder Société du Grand Paris (SGP, Aa2/AA) placed a tap issue of its green bond maturing in 2050, topping it up by EUR 1.5bn to EUR 2.5bn; the placement was priced at a spread of +35 bps over French OATs to yield 1.021%.

German federal states were also quite active: Thuringia (AAA) placed a EUR 750mn bond maturing in 2030 at +14 bps over mid-swaps and generated an order book in excess of EUR 2bn. Bremen (AAA) also raised EUR 750mn over 10 years at MS +18 bps and this offering was two times oversubscribed as well. Bavaria (Aaa/AAA) priced a EUR 250mn tap issue of its 2029 maturity at +11 bps over mid-swaps and a new EUR 250mn 4-year bond at +5 bps over mid-swaps (yield: -0.215%). North Rhine-Westphalia (Aa1/AA/AAA) placed a EUR 2.5bn 5-year bond at +14 bps over mid-swaps and met with demand of EUR 6.7bn. Lastly, Wirtschafts- und Infrastrukturbank Hessen (WIBANK, AA+) announced a EUR 500mn 7-year bond issue with initial pricing guidance at +19 bps over mid-swaps.

Austria announces tap issues

In line with its plan, the Republic of Austria (Aa1/AA+/AA+/AAA) announced tap issues of its 2030 and 2051 maturities totaling EUR 1.15bn for 05 May. According to [OeBFA](#), RAGB issuance volume of EUR 18-21bn (of which EUR 15.5bn has been placed so far), or a total of EUR 31-34bn, is currently planned.

Financials & Covered Bonds

French issuers dominate covered bond market activity

French banks continue to drive issuance activity in the covered bond market during the corona crisis. Since the crisis intensified in early March, 52% of benchmark issuance volume was attributable to French issuers. Canadian banks are the next largest group of issuers and have accounted for 40% of benchmark issuance volume since the beginning of March. After the seven-year covered bond placement by CRH last week (calendar week 17), another French issuer, CAFFIL, entered the market this week. Its EUR 1bn five-year social covered bond placement was more than 4 times oversubscribed and was priced at a spread of 22 bps over mid-swaps. The proceeds of the bond issue will be used for loans to the health care sector.

Banks from countries outside the euro zone have strong presence in the senior unsecured bond segment

Since the beginning of March the primary market for senior unsecured bank bonds has been dominated by banks domiciled outside the euro zone. Since the intensification of the corona crisis they have accounted for a 75% share of issuance volume. This is well above the level reported for 2019 as a whole, when the share of issuers from outside the euro zone was just 34%. US banks have been particularly active since the beginning of March with a share of nearly 30%. Toward the end of last week (calendar week 17), Wells Fargo even issued two senior bonds. Both bonds had a volume of EUR 1.5bn and maturities of five and ten years (callable after four and nine years, respectively). From Sweden, Swedbank entered the market with a EUR 1bn five-year senior preferred bond placement. This week Citigroup opened primary market activity with a EUR 1.75bn six-year senior unsecured bond issue (callable after five years). From the euro zone, Credit Mutuel entered the market with a EUR 750mn seven-year senior preferred bond issue. The transaction was followed by a six-year EUR 1.5bn Senior Non Preferred issue from Banco Santander and an eight-year EUR 1bn Senior Non Preferred issue from Rabobank.

Wave-like sideways movement in spreads on senior unsecured bonds

In secondary markets, senior unsecured bank bonds continue to fluctuate in a sideways channel. After last week's moderate widening of spreads, risk premiums narrowed somewhat this week. The tentative trend toward tighter spreads in the covered bond segment continued this week.

Corporate Bonds

Record issuance volume in April despite recent slowdown in momentum

As expected, momentum in the primary market for EUR-denominated corporate bonds slowed somewhat, but from a very strong level. Issuance volume in April to date already exceeds EUR 60bn – the largest amount ever recorded in the month of April.

French companies dominated issuance activity last week: For example, facility management provider Sodexo (A-/BBB+) raised EUR 1.5bn, while advertising group JCDecaux (Baa2/BBB) and supermarket operator Auchan (BBB-) raised EUR 1bn each - to name just the largest transactions.

Also noteworthy was the placement of a zero-coupon hybrid bond by unrated Dutch oil company Sand Hill Petroleum, which raised EUR 3.15bn through its Hungarian subsidiary; the same applies to the placement of a EUR 470mn 5-year bond with a 3% coupon by US streaming services provider Netflix (Ba3/BB-), in light of the fact that there was recently only sporadic activity in the high-yield segment.

High yield bonds benefit indirectly from easing of ECB collateral requirements

The moderate slowdown in issuance momentum in the primary market recently coincided with a further tightening of spreads in the IG segment. The HY segment benefited indirectly from last Wednesday's revision of ECB collateral requirements: bonds that were eligible as collateral until 07 April (minimum rating: BBB-) will continue to be accepted as collateral in the event of downgrades up to a rating of BB. This shows that the central bank shares the concerns of many market participants about the growing number of "fallen angels". The term "fallen angels" designates issuers or bonds that have lost their investment grade rating.

ECB meeting and reporting season in focus

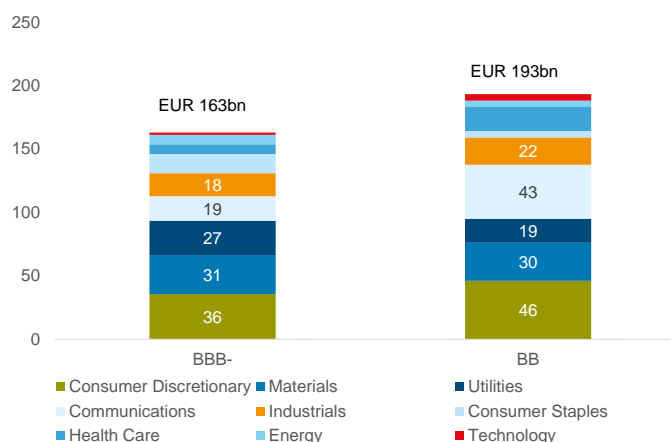
S&P currently rates EUR 163bn of EUR-denominated corporate bonds at the threshold (rating: BBB-) to the high yield segment. Approximately 56% of these bonds are attributable to cyclical sectors. Downgrades in these sectors are particularly likely; thus the BB segment (EUR 193bn) is bound to grow significantly. An important question for corporate bond investors is whether the ECB - similar to the Fed - will extend its securities purchases to BB-rated bonds. At the ECB meeting on Thursday their attention will be focused on this issue or on any information pertaining to it. This would not be an overly big step for the ECB. It already holds "fallen angels" in its portfolio, which had BBB ratings at the time they were purchased (e.g. from Austria bonds issued by gaming group Novomatic).

Oil & gas and consumer goods sectors have posted particularly large earnings declines so far

Apart from this, investors continue to focus on the reporting season and particularly on the guidance issued by companies. Just over a third of the constituents of the Stoxx 600 Index have already reported their results. On an aggregate basis, they have so far reported a decline in revenues and above all, a strong decline in earnings. Unsurprisingly, earnings declines were particularly pronounced in the oil & gas and consumer goods sectors. However, aggregated across all sectors analyst estimates for revenues and earnings have been slightly exceeded to date. For example, the chemicals and raw materials, health care/pharmaceuticals and utilities sectors were able to post positive earnings surprises.

More fallen angels to be expected, especially in cyclical sectors

Outstanding volume of bonds rated 'BBB-' and 'BB' (by S&P), in EUR billion



Source: Market data providers, Erste Group Research; as of 28 April 2020

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Sovereign

AT: We expect stronger recession this year than during financial crisis

| | 2019 | 2020f | 2021f |
|-----------------------|------|-------|-------|
| Population (mn) | 8.9 | 8.9 | 8.9 |
| Real GDP, y/y (%) | 1.6 | -4.5 | 3.1 |
| Inflation (%) | 1.5 | 0.8 | 1.7 |
| Unemployment (%) | 4.5 | 6.2 | 5.8 |
| Govt. deficit (% GDP) | 0.7 | -6.3 | -3.2 |
| Govt. debt (% GDP) | 70.4 | 78.0 | 77.4 |

Source: Erste Group Research

First wave of virus seems to be over

As the number of new infections per day in Austria has recently stabilized at a low level and the reproduction rate fell well below 1 (0.6), the government has started to gradually open up the economy. Since mid-April, small shops and hardware stores have been allowed to open, followed by other shops and services (e.g. hairdressing salons, etc.) from May 1. Restaurants will reopen on May 15 and hotels on May 29. However, a number of restrictions apply. For example, shops may only allow one customer per 10 square meters and restaurants may only seat a maximum of four adults (plus their children) at a table. Waiters, vendors and shop visitors are required to wear masks. The curfew ends at the end of April and meetings of up to 10 people are accepted. A detailed description of the upcoming changes can be found on the [WKO homepage](#) (link in German).

Now we are entering decisive phase for economy

1.1 million people in reduced hours work

The government's easing measures signal continued caution and it is foreseeable that the economic consequences of the containment measures will probably be more severe than we had previously expected. Many companies have drastically reduced their workforce. According to media reports, 1.1mn workers were registered for short-time work during the 6-week quarantine measures. The number of registered unemployed rose from 221,000 in February to 504,000 in March. And the situation is still far from a foreseeable normalization.

A recession of around -4.5% 2020 expected in 2020

Although other European countries are also taking the first steps towards easing the containment measures, they are several weeks behind the development in Austria, which is weighing on the prospects for Austrian exports and tourism. Moreover, despite the imminent opening of the hotels, the borders are closed and it is completely unclear at the moment when they will open. Due to a postponement of holiday and travel plans and the loss of income this year, it is to be expected that the flow of tourists will remain subdued for some time after the reopening of the borders. Against this background, we expect the Austrian economy to shrink by about 4.5% this year and to recover at a rate of 3.1% in 2021. We also expect unemployment to rise to 6.2%, despite the government measures, and to fall only moderately to 5.8% in 2021.

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Increase in risk costs puts pressure on net profit

Financials & Covered Bonds

BAWAG Group: Higher Risk Costs in Q1 2020

The BAWAG Group generated a net profit of EUR 61.2mn in 1Q20, which represents a 37% decline from 1Q19. The main reason for the decline in profit was an increase in risk costs to EUR 55mn from EUR 11.9mn in the comparable quarter of the previous year. EUR 25mn of the EUR 55mn comprised additional risk provisions attributable to the deterioration in economic conditions caused by COVID-19 and expected defaults in connection with deferrals of customer payments. A further EUR 10mn were attributable to the recognition of a specific provision in the Oil & Gas sector in the corporate business segment.

Core revenues increase thanks to higher net interest income

Operating earnings decreased EUR 3.5mn or 2.5%, compared to Q1 2019. While core revenues grew 1.6% thanks to a 2% increase in net interest income, a weaker trading result and higher regulatory expenses led to a decline in operating earnings. The cost-income ratio improved slightly to 42.3% compared to year-end 2019.

Decision on dividend distribution postponed to Q4 2020

The CET-1 ratio declined to 12.7% at the end of the first quarter from 13.3% at the end of FY 2019. The calculation of the capital ratio takes into account the planned dividend distribution of EUR 230mn for 2019 and the accrued dividend of EUR 30mn for 1Q20. Due to the ECB's recommendation to suspend dividend payments until October 2020, the BAWAG Group decided to postpone its annual shareholder meeting to the fourth quarter of 2020. This postponement should enable the Bank to gain more clarity on the impact of COVID-19 and possible further recommendations of the ECB and supervisory authorities.

Proportion of loans subject to moratoriums currently still small

The NPL ratio reported by the bank reached a new all-time low of 1.6% in 1Q20. As of 22 April 2020 the proportion of loans in the retail and SME segment that have been subject to payment deferrals due to COVID-19 was still at a low level of 4%. However, we believe it is possible that this proportion will continue to grow in the course of the second quarter. The BAWAG Group itself expects that normal servicing will not resume for all loans after payment deferrals expire. This in turn would likely lead to an increase in the NPL ratio from its current low level.

Outlook for 2020:

Guidance for 2020 withdrawn due to prevailing uncertainties

In view of the prevailing uncertainties the BAWAG Group has decided to withdraw its guidance for 2020. In the medium term the Bank continues to aim for a return on tangible common equity in excess of 15% and a cost-income ratio below 40%. Given its liquidity coverage ratio of 135% the Bank believes it is in a position to forgo further bond issues in the course of this year should funding conditions remain unfavorable. In March 2020 the bank raised EUR 1.25bn through the TLTRO3 facility of the ECB.

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Corporate Bonds

TEG submits final report on EU Taxonomy

The next step on the path toward a comprehensive EU taxonomy for sustainable finance¹ was recently taken: On 9 March 2020, the EU Commission's Technical Expert Group on Sustainable Finance (TEG) published its final report including a technical annex² on the taxonomy, i.e. a classification system for sustainable investment. On the one hand the report contains recommendations relating to the overarching design and application of the taxonomy, and on the other hand guidance for financial market participants on the disclosure of taxonomy-relevant information.

The legal basis is provided by the taxonomy regulation of December 2019. The regulation sets out the framework for the development of such a classification system with respect to six environmental objectives. These objectives comprise:

1. Climate change mitigation
2. Climate change adaptation
3. Sustainable use and protection of water and marine resources
4. Transition to a circular economy
5. Prevention and control of environmental pollution
6. Protection and restoration of biodiversity and ecosystems

Design and application of the Taxonomy

In order to develop a classification system, economic sectors and activities within these sectors were defined as a first step. Initially the focus was on activities considered to have a strong impact on climate change (environmental objectives 1 and 2), as measured by their actual CO₂ emissions, or their potential for reducing CO₂ emissions. Thereafter, technical screening criteria were defined, which have to be complied with if an activity is to be considered ecologically sustainable and hence taxonomy-aligned. Accordingly, ecologically sustainable economic activities have to:

- make a substantial contribution to one of the six environmental objectives,
- do no significant harm to any of the other five environmental objectives, and
- meet international minimum safeguards (e.g. OECD Guidelines on Multinational Enterprises, UN Guiding Principles on Business and Human Rights).

In the recently published final taxonomy report of the TEG such criteria were defined for 72 economic activities with respect to environmental objective 1 (climate change mitigation) and for 70 economic activities with respect to environmental objective 2 (climate change adaptation).

Establishing the list of such 'green' economic activities is an ongoing process. It is to be gradually expanded in the future.

¹ We have reported on this in our Special Report [Green Bonds – Sustainable Potential](#) (18 February 2020).

² Original sources: [Final report](#), technical annex (in [PDF](#) and [Excel](#) format).

Disclosure requirements of the Taxonomy

Financial market participants will have to disclose compliance with the taxonomy

The final report of the TEG defines three groups of taxonomy users and describes the recommended disclosure requirements for them regarding the taxonomy-alignment of their business activities as follows:

- Financial market participants offering financial products in the EU, incl. providers of occupational pension plans:
For each relevant product they have to disclose how and to what extent the taxonomy was used in determining the ecological sustainability of the underlying investments, to which environmental objective(s) these investments contribute and the proportion of underlying investments that are taxonomy-aligned. The disclosure has to be included as a part of existing periodic reporting requirements.
- Large financial and non-financial companies already required to provide a non-financial statement in accordance with the Non-Financial Reporting Directive; this covers large public-interest companies with more than 500 employees, including listed companies as well as banks and insurance companies:
The requirements for financial and non-financial companies differ. Some financial companies will also be subject to the financial market participant disclosure requirements (first group of users). In any event, large companies must disclose how and to what extent their business activities are aligned with the criteria of the taxonomy. In addition, the disclosure by non-financial companies has to include: Revenue share, capex and, if relevant, opex aligned with the taxonomy. The disclosure is to be made as part of the non-financial statement, either included in the annual report or in a dedicated sustainability report.
- The EU and its member states, when setting public measures, standards or labels for green financial products or green (corporate) bonds.

So what happens next? – The path from recommendations to laws

TEG report as the basis for developing regulations

The final report on the EU taxonomy released by the TEG is to be understood as a recommendation. The European Commission will use it as the basis for developing delegated legal acts, which are going to be used for the actual classification of sustainable investments and disclosure requirements in the future. Contrary to the recommendations of the TEG, these delegated legal acts will contain legally binding rules for the concrete application of the taxonomy in practice.

With respect to the first two environmental objectives, such a delegated legal act is to be passed until the end of 2020 and become effective by the end of 2021. With respect to the remaining four environmental objectives, a delegated legal act is to be passed until the end of 2021 and come into force at the end of 2022. With respect to disclosure requirements, it is planned to pass a delegated legal act until 1 June 2021.

TEG recommends inclusion of social objectives as well as creation of a 'brown' list

With a view toward developing the EU taxonomy further, the final report of the TEG recommends to consider two additional dimensions:

- In addition to environmental objectives, social objectives should be defined as well and economic activities should be classified accordingly.
- Apart from the current 'green' taxonomy, a 'brown' taxonomy is to be created as well, which contains screening criteria for significant levels of harm to environmental objectives. The hitherto controversial generation of nuclear energy was not included in the list of 'green' activities and requires further deliberation.

For the further development of the EU taxonomy, a new platform for sustainable finance will be established from autumn 2020. It will be primarily concerned with extending the taxonomy to the remaining four environmental objectives as well as with expanding the list of 'green' activities.

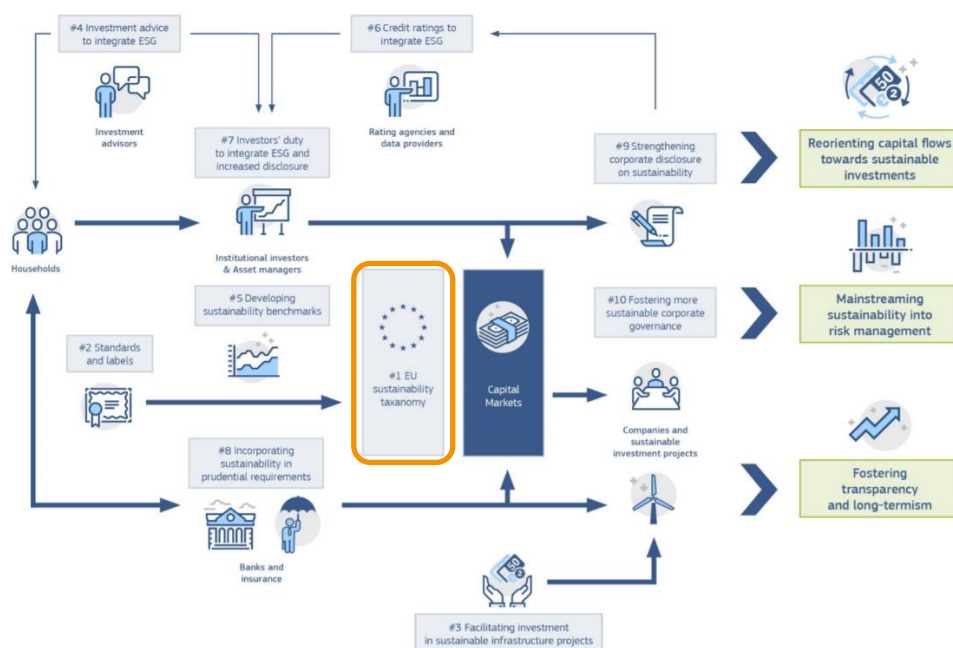
EU Taxonomy in an overarching context

EU taxonomy to help with achieving EU climate objectives

Current economic development is not in line with the climate objectives intended by the European Green Deal: inter alia, a reduction of CO₂ emissions by 50-55% until 2030 (vs. 1990 levels), and climate neutrality until 2050. According to the assessment of the Technical Expert Group for Sustainable Finance, the extent and speed of emission reductions needed to achieve these goals are clearly underestimated.

The EU taxonomy is intended as a tool, or an aid for financial market participants in the transition to a low-carbon, resilient and resource-efficient economy. It is just one aspect, but also a milestone of the March 2018 EU Action Plan on Financing Sustainable Growth. It inter alia aims to reorient capital flows toward sustainable investments.

Action Plan on Financing Sustainable Growth, March 2018



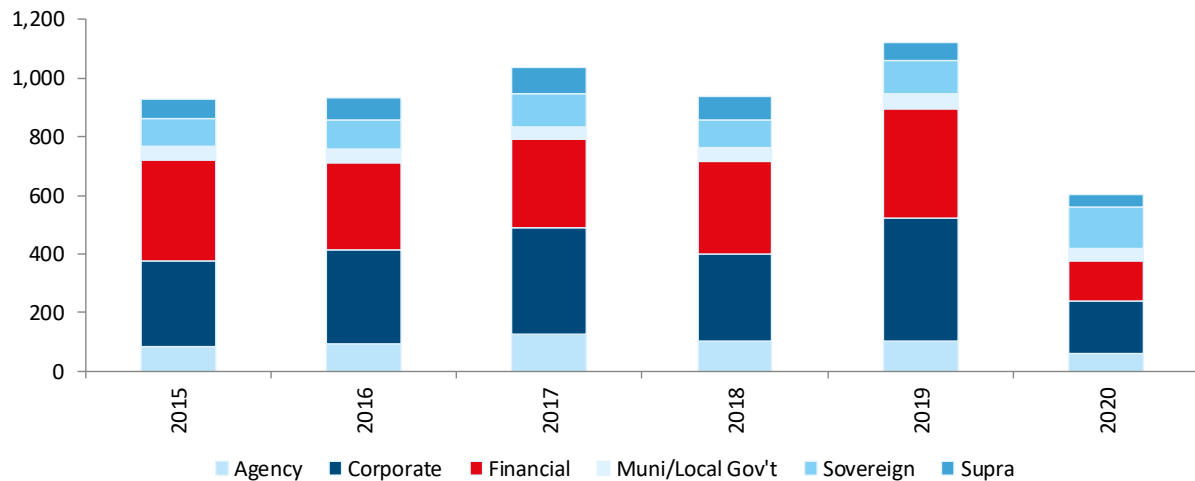
Source: European Commission

EUR primary market

Total market

Issue volume in annual comparison

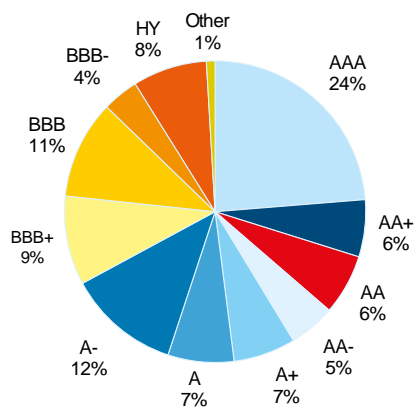
2015-2020 YTD, in EUR bn



Total market

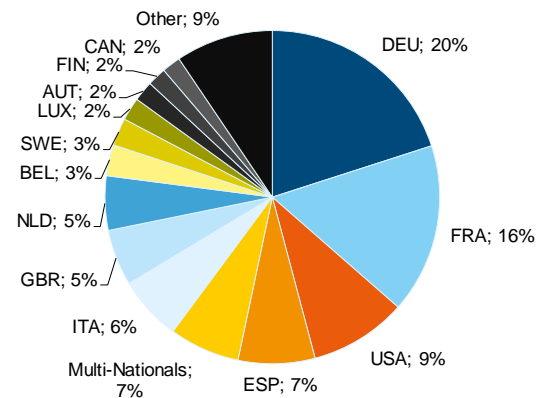
Issue volume, by rating

2018-2020 YTD



... and by country

2018-2020 YTD



Source: Market data provider, Erste Group Research (own calculations)

Total market
EUR issues

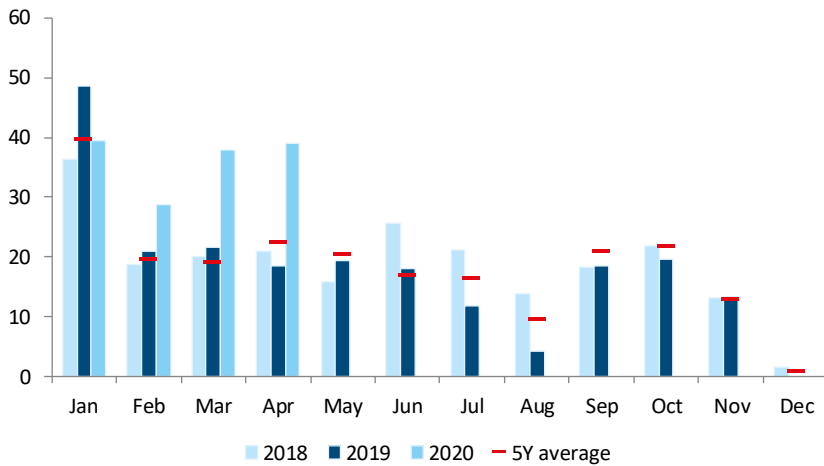
| ISIN | Issuer | Industry | Rank | Launch Date | Tap | Volume (in m) | Currency | Coupon | Maturity | S&P | Moody's | Fitch | Current Spread (ASW) (Mid) | Issue Spread/ Yield |
|--------------|-----------------------|-------------------------------|---------|-------------|-----|---------------|----------|----------|------------|------|---------|-------|----------------------------|---------------------|
| FR0013506532 | PERNOD | Consumer Goods & Services | Senior | 27.04.2020 | N | 750 | EUR | 1.750 | 08.04.2030 | BBB+ | Baa1 | - | 111 | MS+185 |
| FR0013506524 | PERNOD | Consumer Goods & Services | Senior | 27.04.2020 | N | 750 | EUR | 1.125 | 07.04.2025 | BBB+ | Baa1 | - | 96 | MS+150 |
| DE000NRWOME3 | LAND NRW | Municipality/Local Government | Senior | 27.04.2020 | N | 2,500 | EUR | 0.000 | 05.05.2025 | AA | Aa1 | AAA | - | MS+14 |
| AT000A1VKG0 | AUSTRIA | Sovereign | Senior | 24.04.2020 | N | 4,500 | EUR | 0.500 | 20.04.2027 | AA+ | Aa1 | AA+ | -1 | MS-18 |
| XS2166184916 | MERLIN ENTERTAINMENTS | Consumer Goods & Services | Senior | 24.04.2020 | N | 500 | EUR | 7.000 | 15.05.2025 | - | B1 | - | 666 | T+767 |
| XS2167007918 | WELLS FARGO | Banking | Senior | 24.04.2020 | N | 1,500 | EUR | 1.741 | 04.05.2030 | A- | A2 | A+ | 172 | MS+185 |
| XS2167007249 | WELLS FARGO | Banking | Senior | 24.04.2020 | N | 1,500 | EUR | 1.338 | 04.05.2025 | A- | A2 | A+ | 150 | MS+160 |
| XS2167002521 | SWEDBANK | Banking | Senior | 24.04.2020 | N | 1,000 | EUR | 0.750 | 05.05.2025 | A+ | Aa3 | AA- | 90 | MS+98 |
| DE000A289NF1 | DEUTSCHE WOHNEN | Industrials | Senior | 24.04.2020 | N | 500 | EUR | 1.500 | 30.04.2030 | A- | A3 | - | 146 | MS+175 |
| DE000A289NE4 | DEUTSCHE WOHNEN | Industrials | Senior | 24.04.2020 | N | 500 | EUR | 1.000 | 30.04.2025 | A- | A3 | - | 122 | MS+145 |
| FR0013510823 | HIT FINANCE | Infrastructure | Senior | 24.04.2020 | N | 600 | EUR | 2.500 | 04.05.2027 | BBB- | - | BBB | 268 | MS+280 |
| FR0013510724 | BPIFRANCE FINANCEMENT | Agency | Senior | 24.04.2020 | N | 1,500 | EUR | 0.125 | 26.02.2027 | - | Aa2 | AA | 36 | OAT+40 |
| XS1980857319 | EIB | Supra | Senior | 23.04.2020 | N | 500 | EUR | 1.000 | 14.11.2042 | AAA | Aaa | AAA | 13 | MS+1 |
| XS2166217278 | NETFLIX | Technology | Senior | 23.04.2020 | N | 470 | EUR | 3.000 | 15.06.2025 | BB- | Ba3 | - | 285 | B+362 |
| XS2166619820 | FIRMENICH | Consumer Goods & Services | Senior | 23.04.2020 | N | 750 | EUR | 1.750 | 30.04.2030 | BBB | - | - | 163 | MS+185 |
| XS2166619663 | FIRMENICH | Consumer Goods & Services | Senior | 23.04.2020 | N | 750 | EUR | 1.375 | 30.10.2026 | BBB | - | - | 138 | MS+155 |
| FR0013510476 | CRH | Banking | Covered | 23.04.2020 | N | 1,250 | EUR | 0.125 | 30.04.2027 | - | Aaa | AAA | 25 | MS+31 |
| XS2166209176 | NIB | Agency | Senior | 23.04.2020 | N | 500 | EUR | 0.000 | 30.04.2027 | AAA | Aaa | - | 0 | MS+2 |
| XS2164646304 | APA GROUP | Basic Materials | Senior | 23.04.2020 | N | 600 | EUR | 2.000 | 15.07.2030 | BBB | Baa2 | - | 191 | MS+210 |
| XS2166345608 | L BANK | Agency | Senior | 23.04.2020 | N | 500 | EUR | ESTR+200 | 04.05.2023 | AAA | Aaa | - | - | ESTR+42 |
| ES0000012G34 | SPAIN | Sovereign | Senior | 22.04.2020 | N | 15,000 | EUR | 1.250 | 31.10.2030 | A | Baa1 | A- | 99 | SPGB+17 |
| FR0013510179 | AUCHAN SA | Consumer Goods & Services | Senior | 22.04.2020 | N | 1,000 | EUR | 2.875 | 29.01.2026 | BBB- | - | - | 284 | MS+320 |
| DE000A289KU6 | BREMEN | Municipality/Local Government | Senior | 22.04.2020 | N | 750 | EUR | 0.125 | 29.04.2030 | - | - | AAA | 16 | MS+18 |
| IT0005398406 | ITALY | Sovereign | Senior | 21.04.2020 | N | 7,000 | EUR | 2.450 | 01.09.2050 | BBB | Baa3 | BBB | 245 | BTPS+6 |
| IT0005408502 | ITALY | Sovereign | Senior | 21.04.2020 | N | 10,000 | EUR | 1.850 | 01.07.2025 | BBB | Baa3 | BBB | 158 | BTP+21 |
| LU2162831981 | LUXEMBOURG | Sovereign | Senior | 21.04.2020 | N | 1,000 | EUR | 0.000 | 28.04.2030 | AAA | Aaa | AAA | -2 | MS+13 |
| LU2161837203 | LUXEMBOURG | Sovereign | Senior | 21.04.2020 | N | 1,500 | EUR | 0.000 | 28.04.2025 | AAA | Aaa | AAA | -4 | MS+3 |
| DE000A2YNW43 | LOWER SAXONY | Municipality/Local Government | Senior | 20.04.2020 | N | 1,000 | EUR | 0.000 | 10.07.2026 | - | - | AAA | 13 | -0.214% |
| EU000A1G0EE0 | EFSS | Supra | Senior | 20.04.2020 | N | 2,000 | EUR | 0.050 | 17.10.2029 | AA | Aa1 | AA | 9 | MS-9 |
| FR0013509643 | JC DECAUX | Consumer Goods & Services | Senior | 20.04.2020 | N | 500 | EUR | 2.625 | 24.04.2028 | BBB | Baa2 | - | 270 | MS+275 |
| FR0013509627 | JC DECAUX | Consumer Goods & Services | Senior | 20.04.2020 | N | 500 | EUR | 2.000 | 24.10.2024 | BBB | Baa2 | - | 225 | MS+235 |
| BE6321529396 | ELIA SYSTEM | Utilities & Power | Senior | 20.04.2020 | N | 800 | EUR | 0.875 | 28.04.2030 | BBB+ | - | - | 88 | MS+105 |
| XS2163333656 | SODEXO | Consumer Goods & Services | Senior | 20.04.2020 | N | 800 | EUR | 1.000 | 27.04.2029 | A- | - | - | 119 | MS+120 |
| XS2163320679 | SODEXO | Consumer Goods & Services | Senior | 20.04.2020 | N | 700 | EUR | 0.750 | 27.04.2025 | A- | - | - | 100 | MS+100 |
| FR0013509726 | BPCE | Banking | Senior | 20.04.2020 | N | 1,500 | EUR | 0.625 | 28.04.2025 | A+ | A1 | A+ | 82 | MS+95 |
| EU000A1G0EH3 | EFSS | Supra | Senior | 20.04.2020 | N | 3,000 | EUR | 0.000 | 24.04.2023 | AA | Aa1 | AA | -4 | MS+4 |
| DE000A2TR6M3 | BRANDENBURG | Municipality/Local Government | Senior | 20.04.2020 | N | 250 | EUR | 0.010 | 27.04.2027 | - | Aaa | - | 14 | MS+14 |
| XS2160857798 | TELSTRA | Media & Telecoms | Senior | 16.04.2020 | N | 500 | EUR | 1.000 | 23.04.2030 | A- | A2 | - | 91 | MS+115 |
| XS2160861808 | WORLD BANK | Supra | Senior | 16.04.2020 | N | 3,000 | EUR | 0.010 | 24.04.2028 | AAA | Aaa | - | 15 | MS+17 |
| XS2126170161 | GIVAUDAN | Manufacturing | Senior | 15.04.2020 | N | 500 | EUR | 1.625 | 22.04.2032 | A- | - | - | 120 | MS+165 |
| XS2126169742 | GIVAUDAN | Manufacturing | Senior | 15.04.2020 | N | 500 | EUR | 1.000 | 22.04.2027 | A- | - | - | 85 | MS+125 |
| XS2159791990 | AMERICAN HONDA | Manufacturing | Senior | 15.04.2020 | N | 1,000 | EUR | 1.950 | 18.10.2024 | A | A3 | - | 160 | MS+225 |
| XS2123371887 | AMERICAN HONDA | Manufacturing | Senior | 15.04.2020 | N | 500 | EUR | 1.600 | 20.04.2022 | A | A3 | - | 149 | MS+190 |
| IT0005408098 | CDP | Agency | Senior | 15.04.2020 | N | 500 | EUR | 2.000 | 20.04.2027 | BBB | - | BBB | 205 | BTPS+45 |
| IT0005408080 | CDP | Agency | Senior | 15.04.2020 | N | 500 | EUR | 1.500 | 20.04.2023 | BBB | - | BBB | 148 | BTPS+40 |
| GR0118020685 | HELLENIC REPUBLIC | Sovereign | Senior | 15.04.2020 | N | 2,000 | EUR | 2.000 | 22.04.2027 | BB- | B1 | BB | 216 | MS+220 |
| FR0013509098 | SOCIETE GENERALE | Banking | Senior | 15.04.2020 | N | 750 | EUR | 1.125 | 21.04.2026 | BBB+ | Baa2 | A | 157 | MS+150 |
| XS2159795124 | MUNICIPALITY FINANCE | Agency | Senior | 15.04.2020 | N | 1,000 | EUR | 0.000 | 22.04.2025 | AA+ | Aa1 | - | 14 | MS+16 |
| XS1361554584 | EIB | Supra | Senior | 14.04.2020 | N | 500 | EUR | 1.125 | 15.09.2036 | AAA | Aaa | AAA | 10 | MS+5 |
| DE000A2TR026 | LOWER SAXONY | Municipality/Local Government | Senior | 14.04.2020 | N | 1,000 | EUR | 0.125 | 07.03.2025 | - | - | AAA | 13 | MS-9 |
| DE000A2TSTS8 | KfW | Agency | Senior | 14.04.2020 | N | 5,000 | EUR | 0.000 | 04.07.2024 | AAA | Aaa | - | -2 | MS-18 |
| FR0013508694 | LA POSTE | Transport & Logistics | Senior | 14.04.2020 | N | 1,150 | EUR | 1.375 | 21.04.2032 | A | - | A+ | 110 | MS+135 |
| FR0013508686 | LA POSTE | Transport & Logistics | Senior | 14.04.2020 | N | 650 | EUR | 0.625 | 21.10.2026 | A | - | A+ | 73 | MS+90 |
| FR0013508512 | CREDIT AGRICOLE | Banking | Senior | 14.04.2020 | N | 1,500 | EUR | 1.000 | 22.04.2026 | A- | Baa1 | A+ | 130 | MS+125 |
| XS2149270477 | UBS | Banking | Senior | 14.04.2020 | N | 2,000 | EUR | 0.750 | 21.04.2023 | A+ | Aa3 | AA- | 78 | MS+110 |
| FR0013508710 | BNP PARIBAS | Banking | Senior | 14.04.2020 | N | 1,250 | EUR | 1.125 | 17.04.2029 | A- | Baa1 | A+ | 135 | MS+135 |
| XS1377941106 | BANK OF NOVA SCOTIA | Banking | Covered | 09.04.2020 | N | 750 | EUR | 0.375 | 10.03.2023 | AAA | Aaa | AAA | 46 | MS+27 |
| DE0001789253 | SAXONY | Municipality/Local Government | Senior | 08.04.2020 | N | 250 | EUR | 0.010 | 07.04.2025 | AAA | - | - | 16 | 0.000% |
| FR0013507878 | CAPGEMINI | Consumer Goods & Services | Senior | 08.04.2020 | N | 1,200 | EUR | 2.375 | 15.04.2032 | BBB | - | - | 177 | MS+235 |
| FR0013507860 | CAPGEMINI | Consumer Goods & Services | Senior | 08.04.2020 | N | 1,000 | EUR | 2.000 | 15.04.2029 | BBB | - | - | 158 | MS+210 |

Source: Market data provider, Erste Group Research (own calculations)

Sovereigns/Sub-Sovereigns & Agencies

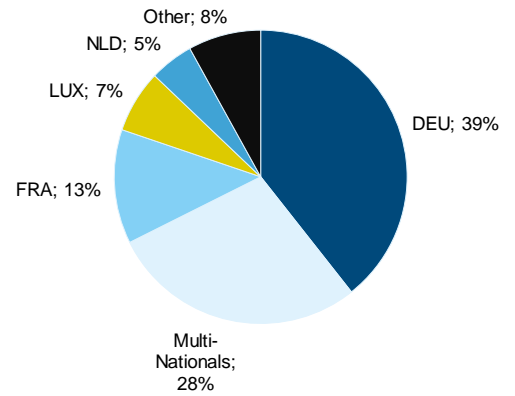
Issue volume in monthly comparison

2018-2020 YTD, in EUR bn



... and by country

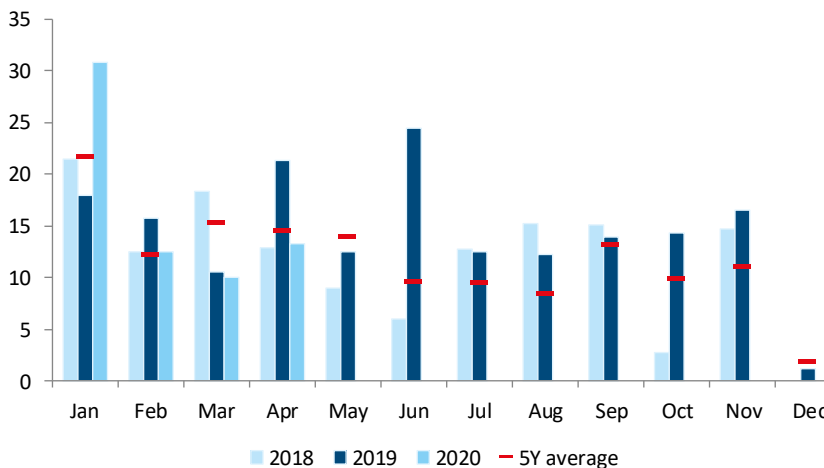
2018-2020 YTD



Banks Senior (Financials)

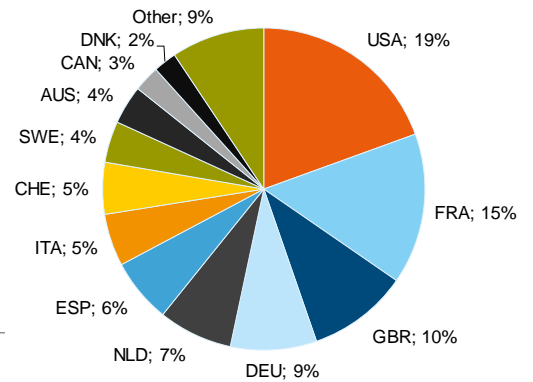
Issue volume in monthly comparison

2018-2020 YTD, in EUR bn



... and by country

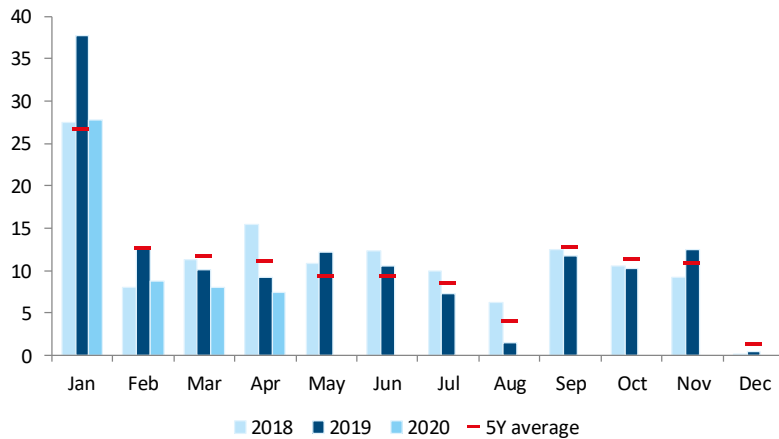
2018-2020 YTD



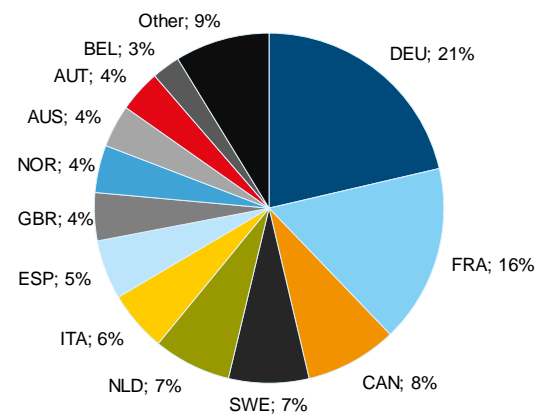
Source: Market data provider, Erste Group Research (own calculations)

Covered Bonds

Issue volume in monthly comparison
 2018-2020 YTD, in EUR bn

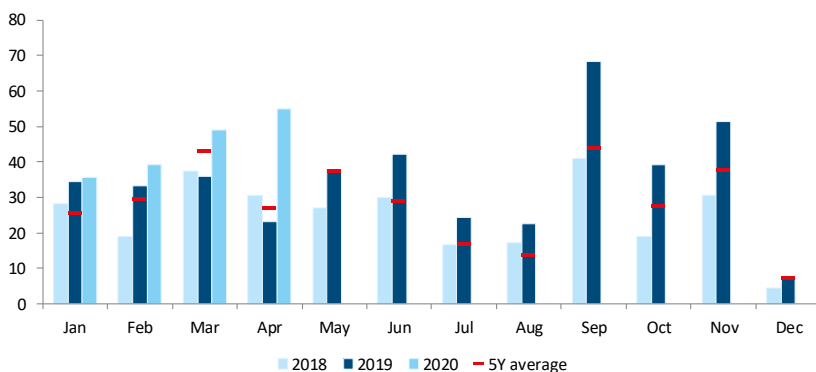


... and by country
 2018-2020 YTD

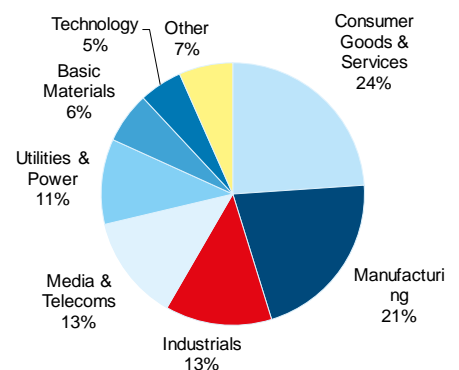


Corporate Bonds

Issue volume in monthly comparison
 2018-2020 YTD, in EUR bn



... and by sector
 2018-2020 YTD

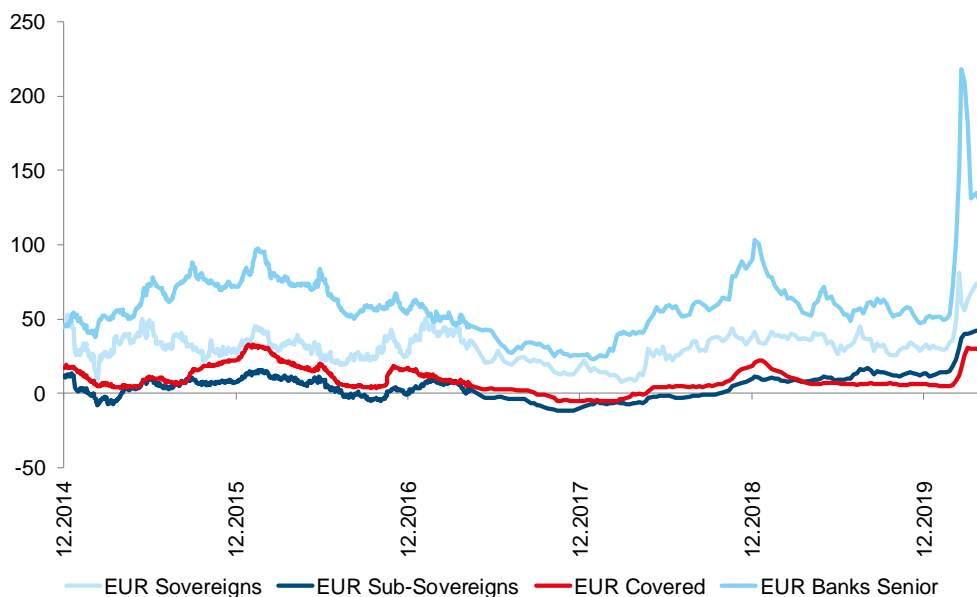


Source: Market data provider, Erste Group Research (own calculations)

EUR secondary market

Sovereigns/Sub-Sovereigns & Agencies, Banks Senior (Financials), Covered Bonds: EUR market Spread development

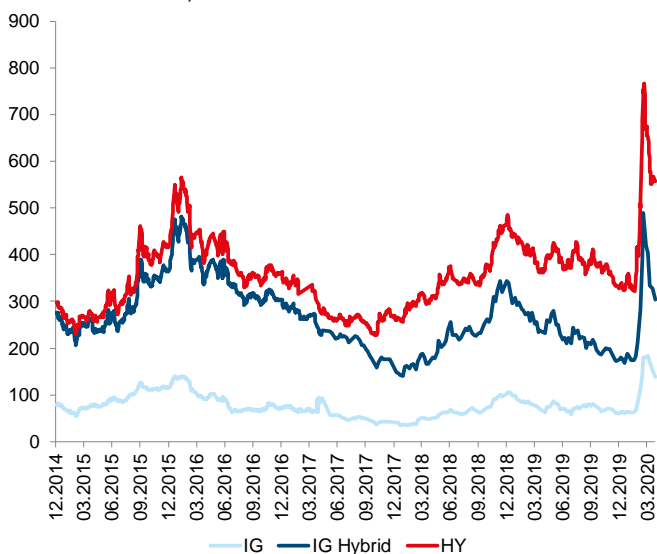
2014-2020 YTD, ASW in BP



Corporate Bonds: EUR market

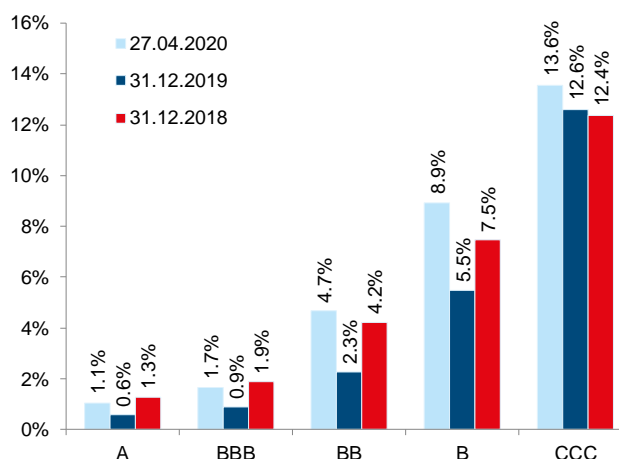
Spread development by segment

2014-2020 YTD, ASW in BP



... and yields by rating classes

2018-2020 YTD, ASW in BP



Source: Market data provider, Erste Group Research (own calculations)

EUR market
International spread comparison

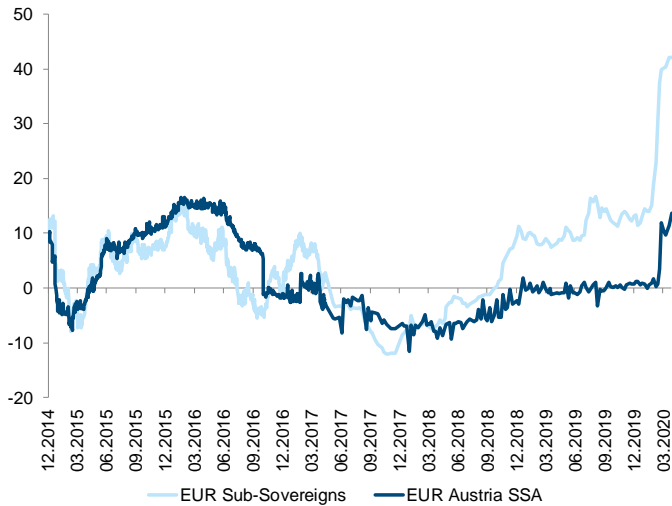
| Country | Type | 1-3Y | 3-5Y | 5-7Y | 7-10Y | >10Y | Total |
|----------------|-------------------|-------|-------|-------|-------|-------|-------|
| AUSTRALIA | Covered | 26.6 | 40.3 | 47.4 | 51.1 | 48.8 | 36.3 |
| | Banks Senior | 92.9 | 84.8 | 112.2 | 100.6 | 98.6 | 95.7 |
| | Corporates Senior | 92.5 | 140.1 | 146.2 | 171.2 | 135.2 | 133.1 |
| AUSTRIA | Sovereign | -24.4 | -15.5 | -5.4 | 3.3 | 58.5 | 10.5 |
| | SSA | -2.3 | 2.2 | 2.9 | - | 23.7 | 8.0 |
| | Covered | 13.9 | 15.9 | 19.2 | 19.6 | 19.7 | 17.7 |
| | Banks Senior | 99.0 | 124.3 | 146.6 | 170.2 | - | 130.8 |
| BELGIUM | Corporates Senior | 80.9 | 95.3 | 108.1 | 151.4 | 168.4 | 109.1 |
| | Sovereign | -20.5 | -9.5 | 1.5 | 10.0 | 50.6 | 24.3 |
| | Covered | 16.0 | 21.2 | 21.8 | 25.6 | - | 20.7 |
| CANADA | Banks Senior | 103.3 | 106.5 | 142.9 | 121.8 | - | 113.5 |
| | Corporates Senior | 81.1 | 79.0 | 93.7 | 126.9 | 185.9 | 108.4 |
| | SSA | - | 30.1 | 29.9 | 37.7 | 38.1 | 32.5 |
| DENMARK | Covered | 30.9 | 39.4 | 43.2 | 43.8 | - | 36.6 |
| | Banks Senior | 80.0 | 115.4 | 129.0 | - | - | 101.8 |
| | Corporates Senior | 117.6 | 149.3 | 233.9 | 180.3 | - | 165.1 |
| FINLAND | Sovereign | -21.5 | -15.1 | -9.4 | 2.6 | 12.4 | -4.6 |
| | Covered | 10.9 | 13.5 | 17.0 | 18.1 | 23.8 | 14.6 |
| | Banks Senior | 63.2 | 91.4 | 94.0 | 107.8 | - | 82.2 |
| FRANCE | Corporates Senior | 117.6 | 123.0 | 123.3 | 106.0 | 125.0 | 119.3 |
| | Sovereign | -23.8 | -16.0 | -5.3 | 4.4 | 53.7 | 10.9 |
| | SSA | 2.4 | 12.9 | 24.9 | 32.2 | 70.0 | 26.2 |
| | Covered | 19.3 | 23.6 | 26.4 | 28.8 | 34.4 | 25.4 |
| GERMANY | Banks Senior | 85.6 | 97.5 | 111.8 | 113.6 | 127.7 | 100.9 |
| | Corporates Senior | 175.6 | 142.5 | 189.0 | 163.9 | 266.9 | 167.9 |
| | Sovereign | -36.0 | -40.8 | -42.8 | -44.0 | -35.9 | -39.1 |
| | SSA | 4.2 | 7.0 | 9.9 | 11.0 | 29.8 | 11.0 |
| IRELAND | Covered | 9.3 | 10.8 | 12.4 | 13.7 | 16.8 | 11.5 |
| | Banks Senior | 175.6 | 142.5 | 189.0 | 163.9 | 266.9 | 167.9 |
| | Corporates Senior | 122.1 | 131.7 | 132.1 | 107.4 | 102.1 | 120.9 |
| | Sovereign | -2.9 | 11.8 | 18.4 | 27.6 | 53.7 | 30.9 |
| ITALY | Corporates Senior | 250.3 | 163.1 | 99.2 | 112.2 | 139.7 | 153.7 |
| | Sovereign | 98.6 | 136.1 | 163.6 | 189.1 | 243.4 | 164.7 |
| | Covered | 43.3 | 56.1 | 60.3 | 53.4 | 75.8 | 54.8 |
| | Banks Senior | 194.0 | 235.6 | 219.6 | 245.7 | - | 221.5 |
| JAPAN | Corporates Senior | 159.2 | 139.3 | 133.8 | 156.1 | 141.7 | 147.6 |
| | Banks Senior | 119.9 | 138.5 | 149.1 | 149.7 | - | 138.7 |
| | Corporates Senior | 251.6 | 259.1 | 258.4 | 242.6 | 196.0 | 245.5 |
| LUXEMBOURG | Corporates Senior | 120.9 | 158.0 | 182.5 | 158.0 | 115.3 | 148.2 |
| MEXICO | Sovereign | 271.0 | 282.2 | 309.4 | 323.4 | 370.2 | 322.2 |
| NETHERLANDS | Sovereign | -30.7 | -27.8 | -24.5 | -19.2 | -12.6 | -22.4 |
| | SSA | 23.4 | 8.9 | 12.0 | 13.2 | 17.8 | 14.8 |
| | Covered | 19.3 | 25.1 | 29.1 | 31.9 | 33.4 | 28.7 |
| | Banks Senior | 86.0 | 102.3 | 99.7 | 129.0 | 111.3 | 98.1 |
| NEW ZEALAND | Corporates Senior | 92.9 | 102.5 | 107.9 | 126.7 | 135.1 | 110.0 |
| | Covered | 23.2 | 37.7 | 42.5 | - | - | 32.8 |
| | Banks Senior | 89.0 | 99.1 | - | 111.1 | - | 97.6 |
| NORWAY | Covered | 17.5 | 23.5 | 26.4 | 29.8 | - | 21.8 |
| | Banks Senior | 97.7 | 107.9 | 108.1 | - | - | 102.8 |
| | Corporates Senior | 73.4 | 111.3 | 97.2 | 92.4 | 122.5 | 100.9 |
| POLAND | Sovereign | 35.3 | 63.7 | 63.3 | 67.1 | 103.5 | 59.4 |
| PORTUGAL | Sovereign | 15.4 | 57.1 | 91.4 | 109.8 | 143.3 | 94.4 |
| ROMANIA | Sovereign | - | 252.9 | 272.7 | 307.3 | 368.1 | 319.0 |
| SINGAPORE | Covered | 25.6 | 30.9 | - | - | - | 28.3 |
| SLOVAKIA | Sovereign | 5.5 | 18.8 | 31.0 | 69.0 | 83.4 | 47.6 |
| SLOVENIA | Sovereign | 10.3 | 42.2 | 61.0 | 84.1 | 126.9 | 77.4 |
| SPAIN | Sovereign | 26.9 | 55.7 | 77.7 | 93.7 | 157.2 | 92.7 |
| | SSA | 48.3 | 77.6 | 100.8 | 108.0 | - | 75.3 |
| | Covered | 24.5 | 30.1 | 33.4 | 40.3 | 43.0 | 31.0 |
| | Banks Senior | 130.8 | 170.4 | 167.7 | 186.5 | - | 159.9 |
| SUPRA NATIONAL | Corporates Senior | 115.3 | 183.9 | 170.0 | 201.2 | 232.1 | 174.6 |
| | SSA | -6.3 | 2.2 | 1.2 | 6.0 | 19.8 | 6.4 |
| SWEDEN | Covered | 15.0 | 21.0 | 24.1 | 22.7 | 18.6 | 19.4 |

Source: Market data provider, Erste Group Research (own calculations)

Sovereigns/Sub-Sovereigns & Agencies: Austria

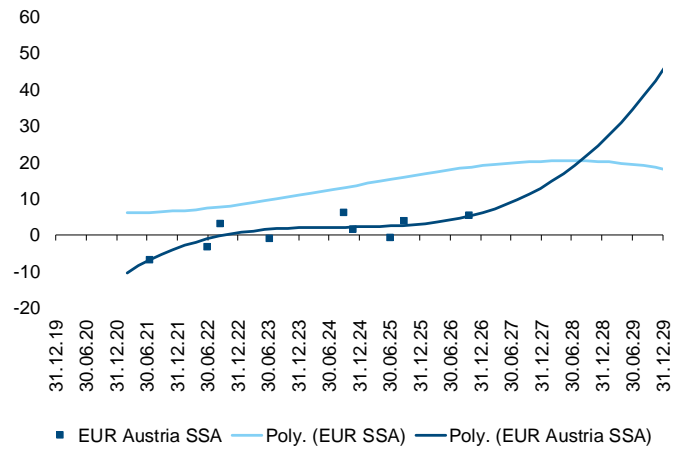
Spread development

2014-2020 YTD, ASW in BP



... and spread overview

EUR benchmark bonds, ASW in BP



Sovereigns/Sub-Sovereigns & Agencies: Austria

Outstanding EUR benchmark bonds

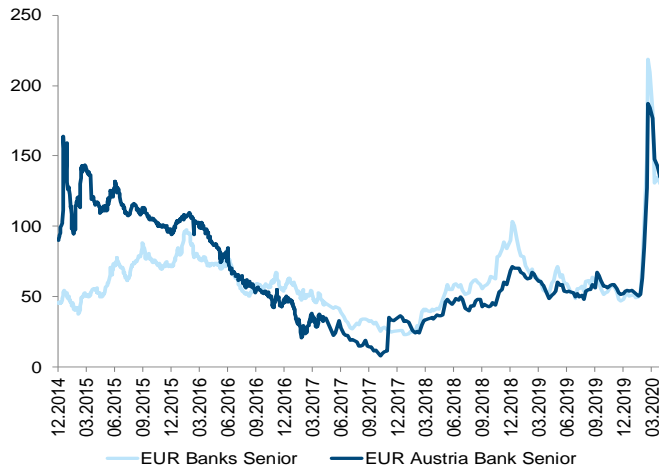
| ISIN | Issuer | Volume (in m) | Minimum Piece | Coupon | Maturity | S&P | Moody's | Fitch | Current Spread (ASW) (Mid) | Issue Spread |
|--------------|---------------------------|---------------|---------------|--------|------------|-----|---------|-------|----------------------------|--------------|
| XS0542825160 | AUTOBAHN SCHNELL AG | 1,500 | 50,000 | 3.375 | 22.09.2025 | AA+ | Aa1 | - | 4 | - |
| XS0790003023 | AUTOBAHN SCHNELL AG | 1,000 | 100,000 | 2.750 | 11.06.2032 | AA+ | Aa1 | - | 19 | 85 |
| XS1291264775 | AUTOBAHN SCHNELL AG | 1,000 | 100,000 | 0.625 | 15.09.2022 | AA+ | Aa1 | - | 3 | - |
| XS1484645616 | KAF KAERTNER AUSGLEICH SZ | 1,107 | 1 | 0.000 | 14.01.2032 | - | Aa1 | AA+ | 40 | - |
| XS0307792159 | OEBB-INFRASTRUKTUR AG | 1,500 | 50,000 | 4.875 | 27.06.2022 | AA+ | Aa1u | - | -3 | - |
| XS0520578096 | OEBB-INFRASTRUKTUR AG | 1,500 | 1,000 | 3.875 | 30.06.2025 | AA+ | Aa1u | - | -1 | 55 |
| XS0648186517 | OEBB-INFRASTRUKTUR AG | 1,050 | 1,000 | 3.625 | 13.07.2021 | AA+ | Aa1u | - | -7 | 30 |
| XS0691970601 | OEBB-INFRASTRUKTUR AG | 1,000 | 1,000 | 3.500 | 19.10.2026 | AA+ | Aa1u | - | 5 | 65 |
| XS0782697071 | OEBB-INFRASTRUKTUR AG | 1,350 | 1,000 | 3.375 | 18.05.2032 | AA+ | Aa1u | - | 19 | 95 |
| XS0949964810 | OEBB-INFRASTRUKTUR AG | 1,000 | 1,000 | 2.250 | 04.07.2023 | AA+ | Aa1u | - | -1 | 29 |
| XS0984087204 | OEBB-INFRASTRUKTUR AG | 1,000 | 1,000 | 3.000 | 24.10.2033 | AA+ | Aa1u | - | 18 | 30 |
| XS1138366445 | OEBB-INFRASTRUKTUR AG | 1,000 | 1,000 | 1.000 | 18.11.2024 | AA+ | Aa1u | - | 1 | 8 |
| XS1689595830 | OEKB OEST. KONTROLLBANK | 1,500 | 100,000 | 0.250 | 26.09.2024 | AA+ | Aa1 | - | 6 | - |

Source: Market data provider, Erste Group Research (own calculations)

Banks Senior (Financials): Austria

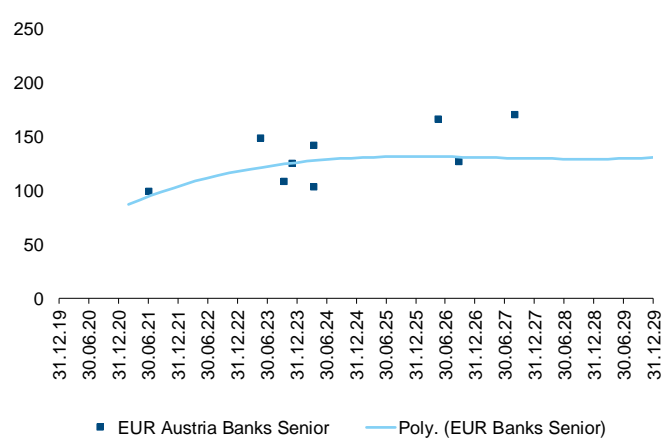
Spread development

2014-2020 YTD, ASW in BP



... and spread overview

EUR benchmark bonds, ASW in BP



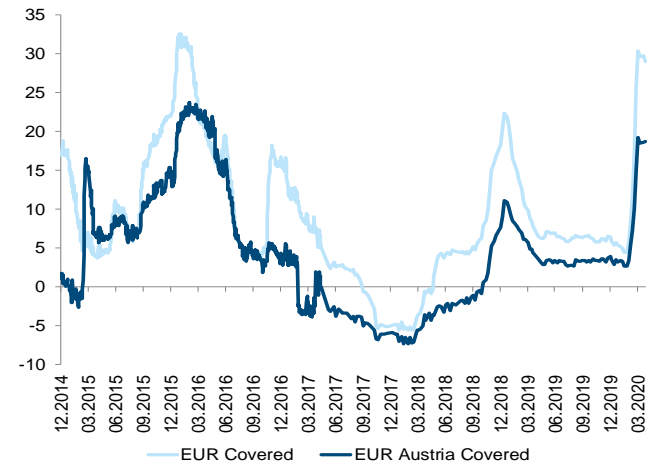
Banks Senior (Financials): Austria

Outstanding EUR benchmark bonds

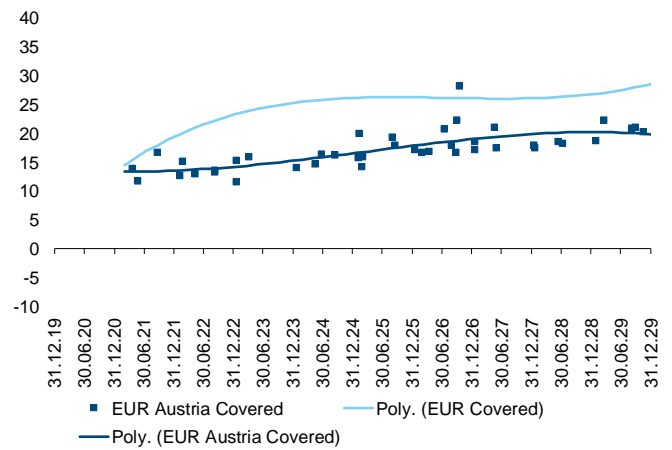
| ISIN | Issuer | Volume (in m) | Minimum Piece | Coupon | Maturity | S&P | Moody's | Fitch | Current Spread (ASW) (Mid) | Issue Spread |
|--------------|--------------------------|---------------|---------------|--------|------------|-----|---------|-------|----------------------------|--------------|
| XS2049584084 | BAWAG P.S.K. | 500 | 100,000 | 0.375 | 03.09.2027 | - | Baa2 | - | 170 | - |
| XS1982725159 | ERSTE GROUP BANK AG | 500 | 100,000 | 0.375 | 16.04.2024 | A | A2 | A * | 103 | - |
| XS2000538343 | ERSTE GROUP BANK AG | 500 | 100,000 | 0.875 | 22.05.2026 | A- | Baa1 | A * | 166 | - |
| XS1807409450 | HYPO NOE LB NOE WIEN AG | 500 | 100,000 | 0.875 | 16.10.2023 | A | - | - | 109 | - |
| XS1852213930 | RAIFFEISEN BANK INTL | 500 | 100,000 | 0.250 | 05.07.2021 | A- | A3 | - | 99 | - |
| XS1917591411 | RAIFFEISEN BANK INTL | 500 | 100,000 | 1.000 | 04.12.2023 | - | A3 | - | 125 | - |
| XS2055627538 | RAIFFEISEN BANK INTL | 750 | 100,000 | 0.375 | 25.09.2026 | - | A3 | - | 127 | - |
| XS2106056653 | RAIFFEISEN BANK INTL | 750 | 100,000 | 0.250 | 22.01.2025 | - | A3 | - | 119 | - |
| XS2065593068 | RAIFFEISEN LB NIEDEROEST | 500 | 100,000 | 0.250 | 16.04.2024 | - | Baa1 | - | 142 | - |
| XS1720806774 | RLB OBEROESTERREICH | 500 | 100,000 | 0.750 | 22.05.2023 | - | Baa1 | - | 149 | - |

Source: Market data provider, Erste Group Research (own calculations)

Covered Bonds: Austria
Spread development
2014-2020 YTD, ASW in BP



... and spread overview
EUR benchmark bonds, ASW in BP



Covered Bonds: Austria
Outstanding EUR benchmark bonds

| ISIN | Issuer | Volume (in m) | Minimum Piece | Coupon | Maturity | S&P | Moody's | Fitch | Current Spread (ASW) (Mid) | Issue Spread |
|--------------|--------------------------|---------------|---------------|--------|------------|-----|---------|-------|----------------------------|--------------|
| XS1369268534 | BAWAG P.S.K. | 500 | 100,000 | 0.375 | 23.02.2022 | - | Aaa | - | 15 | 27 |
| XS1551294926 | BAWAG P.S.K. | 500 | 100,000 | 0.750 | 18.01.2027 | - | Aaa | - | 19 | - |
| XS2013520023 | BAWAG P.S.K. | 500 | 100,000 | 0.625 | 19.06.2034 | - | Aaa | - | 21 | - |
| XS2058855441 | BAWAG P.S.K. | 500 | 100,000 | 0.010 | 02.10.2029 | - | Aaa | - | 21 | - |
| XS2106563161 | BAWAG P.S.K. | 500 | 100,000 | 0.010 | 21.01.2028 | - | Aaa | - | 21 | - |
| XS0743547183 | ERSTE GROUP BANK AG | 1,000 | 100,000 | 3.500 | 08.02.2022 | - | Aaa | - | 13 | 130 |
| XS1181448561 | ERSTE GROUP BANK AG | 500 | 100,000 | 0.750 | 05.02.2025 | - | Aaa | - | 16 | 6 |
| XS1346557637 | ERSTE GROUP BANK AG | 750 | 100,000 | 0.625 | 19.01.2023 | - | Aaa | - | 15 | 16 |
| XS1550203183 | ERSTE GROUP BANK AG | 750 | 100,000 | 0.625 | 18.01.2027 | - | Aaa | - | 17 | - |
| XS1750974658 | ERSTE GROUP BANK AG | 1,000 | 100,000 | 0.750 | 17.01.2028 | - | Aaa | - | 18 | - |
| XS1807495608 | ERSTE GROUP BANK AG | 750 | 100,000 | 0.625 | 17.04.2026 | - | Aaa | - | 17 | - |
| XS1845161790 | ERSTE GROUP BANK AG | 750 | 100,000 | 0.250 | 26.06.2024 | - | Aaa | - | 16 | - |
| AT0000A286W1 | ERSTE GROUP BANK AG | 500 | 100,000 | 0.875 | 15.05.2034 | - | Aaa | - | 21 | - |
| AT0000A2A6W3 | ERSTE GROUP BANK AG | 500 | 100,000 | 0.010 | 11.09.2029 | - | Aaa | - | 21 | - |
| AT0000A2CDT6 | ERSTE GROUP BANK AG | 750 | 100,000 | 0.100 | 15.01.2030 | - | Aaa | - | 21 | - |
| XS0780267406 | HYPO NOE LB NOE WIEN AG | 500 | 1,000 | 3.000 | 09.05.2022 | - | Aa1 | - | 13 | 88 |
| XS1112184715 | HYPO NOE LB NOE WIEN AG | 500 | 1,000 | 0.750 | 22.09.2021 | - | Aa1 | - | 17 | - |
| XS1590565112 | HYPO NOE LB NOE WIEN AG | 500 | 100,000 | 0.375 | 04.04.2023 | - | Aa1 | - | 16 | - |
| XS1875268689 | HYPO NOE LB NOE WIEN AG | 500 | 100,000 | 0.500 | 04.09.2025 | - | Aa1 | - | 19 | - |
| XS2057917366 | HYPO NOE LB NOE WIEN AG | 500 | 100,000 | 0.010 | 01.10.2026 | - | Aa1 | - | 22 | - |
| AT0000A2AYL3 | HYPO TIROL BANK AG | 500 | 100,000 | 0.010 | 19.10.2026 | - | Aa1 | - | 28 | - |
| XS1856342560 | HYPO VORARLBERG BANK AG | 500 | 100,000 | 0.625 | 17.07.2026 | - | Aaa | - | 21 | - |
| XS1999728394 | HYPO VORARLBERG BANK AG | 500 | 100,000 | 0.250 | 21.05.2027 | - | Aaa | - | 21 | - |
| XS2086861437 | RAIFFEISEN BANK INTL | 500 | 100,000 | 0.125 | 03.12.2029 | - | Aa1 | - | 18 | - |
| XS0827597351 | RAIFFEISEN LB NIEDEROEST | 500 | 1,000 | 2.125 | 12.09.2022 | - | Aaa | - | 13 | 42 |
| XS1196405556 | RAIFFEISEN LB NIEDEROEST | 500 | 100,000 | 0.625 | 03.03.2025 | - | Aaa | - | 16 | 1 |
| XS1308628707 | RAIFFEISEN LB NIEDEROEST | 500 | 100,000 | 0.500 | 20.04.2021 | - | Aaa | - | 14 | 12 |
| XS1681119167 | RAIFFEISEN LB NIEDEROEST | 500 | 100,000 | 0.375 | 13.09.2024 | - | Aaa | - | 16 | - |
| XS1756364474 | RAIFFEISEN LB NIEDEROEST | 500 | 100,000 | 0.875 | 24.01.2028 | - | Aaa | - | 17 | - |
| XS1871114473 | RAIFFEISEN LB NIEDEROEST | 500 | 100,000 | 0.625 | 28.08.2026 | - | Aaa | - | 18 | - |
| XS1942629061 | RAIFFEISEN LB NIEDEROEST | 500 | 100,000 | 0.875 | 30.01.2029 | - | Aaa | - | 19 | - |
| XS2100569552 | RAIFFEISEN LB NIEDEROEST | 500 | 100,000 | 0.375 | 15.01.2035 | - | Aaa | - | 21 | - |
| XS1495631993 | RLB OBEROESTERREICH | 500 | 100,000 | 0.375 | 28.09.2026 | - | Aaa | - | 17 | 10 |
| AT0000A228U7 | RLB OBEROESTERREICH | 500 | 100,000 | 0.875 | 12.07.2028 | - | Aaa | - | 18 | - |
| AT0000A2CF11 | RLB OBEROESTERREICH | 500 | 100,000 | 0.500 | 22.01.2035 | - | Aaa | - | 19 | - |
| AT000B092622 | RAIFFEISEN LB STEIERMARK | 500 | 100,000 | 0.625 | 20.01.2023 | - | Aaa | - | 12 | 21 |
| XS0942965525 | RAIFFEISEN LB STEIERMARK | 500 | 100,000 | 2.375 | 14.06.2028 | - | Aaa | - | 19 | 28 |
| AT000B093273 | RAIFFEISEN LB STEIERMARK | 500 | 100,000 | 1.375 | 11.05.2033 | - | Aaa | - | 18 | - |
| AT000B066675 | RAIFFEISEN LB VORARLBERG | 500 | 100,000 | 0.500 | 17.09.2025 | - | Aaa | - | 18 | - |
| AT000B049465 | UNICREDIT BK AUSTRIA AG | 500 | 100,000 | 2.375 | 22.01.2024 | - | Aaa | - | 14 | 35 |
| AT000B049507 | UNICREDIT BK AUSTRIA AG | 500 | 100,000 | 1.375 | 26.05.2021 | - | Aaa | - | 12 | 25 |
| AT000B049572 | UNICREDIT BK AUSTRIA AG | 500 | 100,000 | 0.750 | 25.02.2025 | - | Aaa | - | 14 | 3 |
| AT000B049598 | UNICREDIT BK AUSTRIA AG | 500 | 100,000 | 0.750 | 08.09.2022 | - | Aaa | - | 14 | 5 |
| AT000B049739 | UNICREDIT BK AUSTRIA AG | 500 | 100,000 | 0.625 | 16.01.2026 | - | Aaa | - | 17 | - |
| AT000B049754 | UNICREDIT BK AUSTRIA AG | 500 | 100,000 | 0.625 | 20.03.2029 | - | Aaa | - | 22 | - |
| AT000B049788 | UNICREDIT BK AUSTRIA AG | 500 | 100,000 | 0.250 | 04.06.2027 | - | Aaa | - | 17 | - |
| AT000B049796 | UNICREDIT BK AUSTRIA AG | 500 | 100,000 | 0.250 | 21.06.2030 | - | Aaa | - | 18 | - |
| AT000B122031 | VOLKSBANK WIEN AG | 500 | 100,000 | 0.375 | 04.03.2026 | - | Aaa | - | 17 | - |
| AT000B122049 | VOLKSBANK WIEN AG | 500 | 100,000 | 0.125 | 19.11.2029 | - | Aaa | - | 20 | - |
| XS1188081936 | HYPO VORARLBERG BANK AG | 500 | 100,000 | 0.750 | 11.02.2025 | - | Aaa | - | 20 | 7 |
| XS1613238457 | HYPO VORARLBERG BANK AG | 500 | 100,000 | 0.375 | 17.05.2024 | - | Aaa | - | 15 | - |

Source: Market data provider, Erste Group Research (own calculations)

Last publications

[Credit Markets Weekly \(April 23, 2020\)](#)

- ÖBB-Infrastruktur: annual results 2019
- COVID-19: Financial Impact on Public Finances/ Federal Provinces
- Moody's Keeps Outlook on AT Banking System Stable
- Hypo Tirol: Net Earnings of EUR 24,2mn in FY 2019
-

[Credit Markets Weekly \(April 16, 2020\)](#)

- Issuer in the spotlight: OeKB
- AT-Banks during the Corona crisis
- Corporate Schuldscheindarlehen: 1Q 2020

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- AT banks during the Corona crisis

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- BIG: 2019 Annual Result

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- Public finances 2019
- ECB recommends stop of dividend pay-outs
- CEZ: First EBITDA increase in a decade

[Credit Markets Special \(March 31, 2020\)](#)

- ECB recommends dividend stop until October

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- Oberbank: FY 2019 Characterized by Earnings Decline of voestalpine
- Verbund: Further positive credit metrics development

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- Austria: The corona crisis will probably push the Austrian economy into recession
- ECB eases capital requirements
- Stronger differentiation in HY segment necessary

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- S&P Upgrades Rating of RBI to 'A-'

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EUR Corporate High Yield Bonds: Clear differentiation indispensable

[Credit Markets Weekly \(February 27, 2020\)](#)

- EUR High Yield Corporate Bonds
- Green Bonds – Sustainable Potential

[Credit Markets Special \(February 21, 2020\)](#)

Green Bonds – Sustainable Potential

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Published by:

Erste Group Bank AG
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1100 Vienna, Austria, Am Belvedere 1
Head Office: Wien
Commercial Register No: FN 33209m
Commercial Court of Vienna

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