



# **Fixed Income Special**

NORD/LB Markets Strategy & Floor Research



10 December 2020 Investment strategy recommendation and marketing communication (see disclaimer on the last pages) 2 / Fixed Income Special • 10 December 2020



# Agenda

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# ECB holds course, but ups the ante – PEPP running until 2022

Authors: Dr Frederik Kunze // Dr Norman Rudschuck, CIIA // Henning Walten, CIIA

## ECB adapts many existing instruments

At today's and last Governing Council meeting for the year 2020, the European Central Bank reacted to the Corona pandemic situation, which has again worsened significantly, and made targeted adjustments (cf. ECB press release). As expected, the Pandemic Emergency Purchase Programme (PEPP) was expanded both in terms of volume and maturity. The same applies to the TLTRO III operations, whose parameters were also accustomed to the current situation in terms of maturity and conditions. The ECB left the interest rates at the previous levels of 0.00% (interest rate on the main refinancing operations) and -0.50% (deposit facility). The regular asset purchase programme also remained untouched. Here, the monthly net purchases in the volume of EUR 20 billion will remain in place until shortly before the ECB starts raising its key interest rates. The same applies to the maturities under the programme, whereby these are to be reinvested in the market even beyond the time of an interest rate hike. Moreover, in addition to the instruments most in focus, further measures to combat the consequences of the pandemic were decided or expanded. These include four further rounds of PELTROS as well as an extension of the relaxed requirements for central bank collateral until June 2022. An adjustment to the tiering factor, which we had also discussed in advance, did not take place at today's meeting. However, we still consider such a step conceivable in 2021. All in all, the ECB's decisions today are likely to have clearly set the course for 2021. We consider the measures to be neither restrained nor clearly expansionary, which confirms our expectations.

## PEPP will be expanded as expected

As expected, the ECB has extended the volume and duration of the PEPP programme, which was set up specifically to combat the Corona pandemic. With EUR 500 billion, it is increasing the programme volume to EUR 1,850 billion and extending the programme, which previously ran until at least June 2021, by nine months until March 2022. What remains unchanged is that this is a minimum term and net purchases will be carried out as long as the ECB comes to the conclusion that the Corona crisis has not yet been overcome. In the course of the maturity extension, the period of reinvestment under the PEPP was also adjusted. Accordingly, reinvestments will now be carried out until at least the end of 2023 and thus twelve months longer than previously communicated.

## TLTRO: Additional tenders and extension of the validity of the preferred interest rate

The adjustments to the TLTRO III tender that have now been announced were also to be expected in our view. The programme will be extended beyond March 2021 (III.7) by three further rounds (June, September and December). This extension will be accompanied by an adjustment of the interest rate conditions. The period of the preferred interest rate of 50bp below the deposit rate, i.e. currently -1.0%, will also be adjusted and is now valid between June 2020 and June 2022. This corresponds to an extension of an additional twelve months and thus a doubling of the time period. In addition, the maximum amount per institution was increased from 50% to 55% of the eligible loans. The interest rate conditions are to apply only to those institutions that meet a new lending performance target, which we will discuss in more detail in the upcoming Covered Bond & SSA View.

## Pandemic Emergency Purchase Programme (PEPP)

Holdings (i	n EURm)
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## Volume already invested (in EURbn)

	PEPP											
Oct-20	629,169			39%					61%			
Nov-20	700,003											
Δ	+70,835	0	185	370	555	740	925	1,110	1,295	1,480	1,665	1,85

## **Estimated portfolio development**

Assumed pace of purchases	Weekly net purchase volume	PEPP limit hit in
Average weekly net purchase volume so far	EUR 19.9bn	57 weeks (07.01.2022)

Source: ECB, Bloomberg, NORD/LB Markets Strategy & Floor Research

## Impact on the SSA segment

We expect the SSA segment in 2021 to continue to be dominated by Corona, the measures taken by public issuers against the pandemic and the measures adopted by the ECB today. The described increase of the PEPP by EUR 500bn to now EUR 1,850bn exceeds our expectations. The extension of the PEPP until March 2022 is reasonable and appropriate. In our base scenario for 2021, we do not expect any drastic movement in the spread landscape, but at best a sideways movement. Although the segments of Supranationals, subsovereigns and agencies have once again become more heterogeneous due to the pandemic, the bulk of the PEPP (more than 90% of the bonds purchased come from the SSA segment) relates to the public sector and thus has a significant influence on past and future spread development. In our opinion, this view is confirmed not only by the fresh billions of net purchases decided today in the framework of PSPP and PEPP, but also against the background of the billions of euros in reinvestments in both programme segments. On a three to five year horizon, the spread levels from 2016 could be a realistic target for most issuers within our coverage – a kind of natural cap. We are also curious about the seasonal patterns, how strong January will be (also due to EU issuance alone) and whether the EU will be able to successfully conclude its SURE programme before Easter. EUR 60.5bn will be required for this in Q1/2021, so the Eurosystem's increased demand will be met by an increasing supply from public issuers. According to our findings, the EU would need to bring at least EUR 150bn of fresh new material to the primary market next year. This would be an average of EUR 3bn per week. The German Bundeslaender as well as the other European regions also continue to face major challenges and considerable refinancing needs. Unaffected by this are political discussions and economic developments that could be induced, for example, by a trade war, various elections, a never-ending Brexit and/or the pandemic situation. In this context, the green transformation of the EIB, the EU and the ESM into a European Monetary Fund are almost marginal issues – albeit of a promising nature.



## ECB decisions weigh on covered bond supply in 2021 as expected

In our view, the announcements by the monetary policymakers clearly show that the ECB will continue to leave its mark on the covered bond segment over the next twelve months, as it did in 2020. This is most evident once again with regard to the impact on the supply of EUR benchmarks. The extension of the best possible conditionality for TLTRO III tenders by twelve months undoubtedly increases the attractiveness of raising central bank liquidity. The continuation of the relaxation in collateral eligibility under the ECB Collateral Management also favours corresponding funding via the Eurosystem. The extension of the third TLTRO round by three additional tenders from June to December 2021 also theoretically opens up the possibility for banks to roll the funds raised into a new tender. The TLTRO III.1 to TLTRO III.5 tenders can thus be repaid early for the first time on 29 September 2021, while for TLTRO III.6 early repayment is possible on 22 December 2021 at the earliest. In conjunction with the also increased cap from 50% to 55%, the new parameterisation of TLTRO III continues to argue for a subdued covered bond supply, which we have already taken into account in our forecast of an issuance volume of EUR 105bn for 2021. On the demand side, the PEPP increase will have a rather indirect impact on covered bonds, whereas the continuation of the APP with EUR 20bn per month should result in purchases of covered bonds under the CBPP3 in the order of EUR 2bn or 10% per month. In combination with the reinvestment of maturities from CBPP3 (EUR 33bn will mature in 2021), the ECB will have a decisive influence on the demand side. Overall, we maintain our expectation of narrowing spreads across all maturity bands and jurisdictions in the first half of 2021.

## Conclusion

Last week, we preceded our respective outlooks for 2021 with a view to the fixed income segments SSA and covered bonds with a preview of the decisive last ECB meeting of the year. For example, in recent weeks the ECB announced a major review of its entire toolkit. Moreover, in the course of appearances and interviews, high-ranking representatives of the central bank from the Main have already made some possible considerations available to the general public. Today, the ECB has at least lived up to these expectations. In this context, we assess the measures as neither restrained nor clearly expansionary, which confirms mainly our expectations. In our view, the ECB was forced to react dynamically to the situation as part of its monetary policy decision-making process. Moreover, we are still a long way from herd immunity, which may also be one reason why the economic recovery process in 2021 is by no means likely to be fully broad-based and steady. This is also reflected in the ECB's economic projections, which cover 2023 for the first time. 2020 ends in three weeks, but not only today's ECB decision-making, but also Covid-19 will continue to have us firmly in its grip over the turn of the year, not least for this reason. We will provide more details for you in our year-end edition of "Covered Bond & SSA View" next Wednesday.



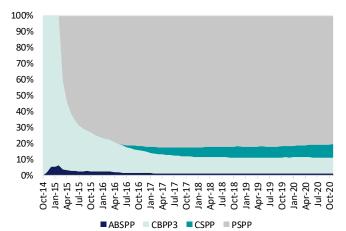
# ECB tracker

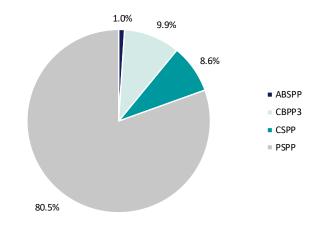
# Asset Purchase Programme (APP)

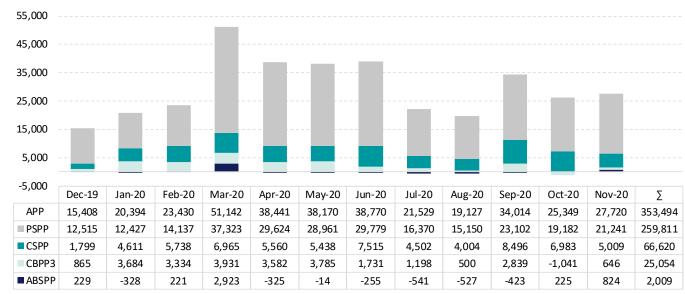
# Holdings (in EURm)

	ABSPP	СВРРЗ	CSPP	PSPP	АРР
Oct-20	29,337	285,811	243,331	2,309,322	2,867,802
Nov-20	30,161	286,458	248,340	2,330,562	2,895,521
Δ	+824	+646	+5,009	+21,241	+27,720

# **Portfolio structure**

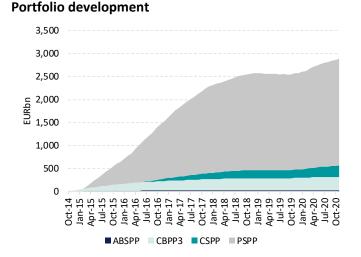






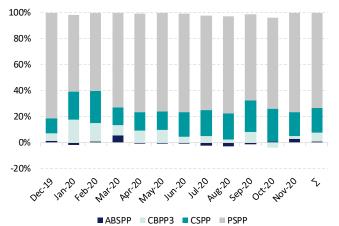
# Monthly net purchases (in EURm)



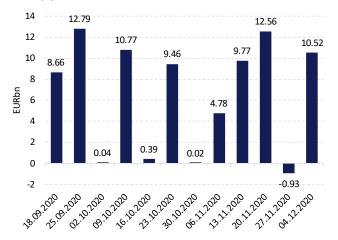


## **Distribution of monthly purchases**

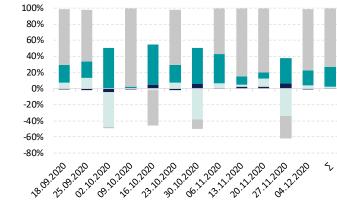
Distribution of weekly purchases

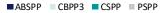


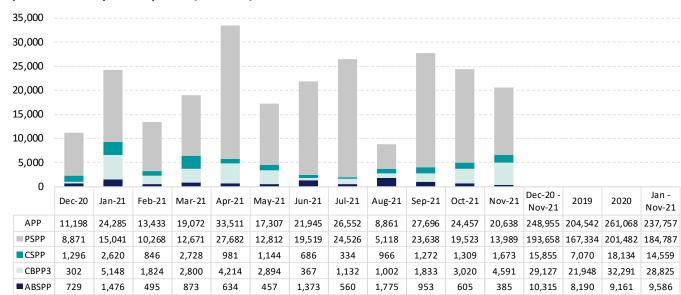
## Weekly purchases



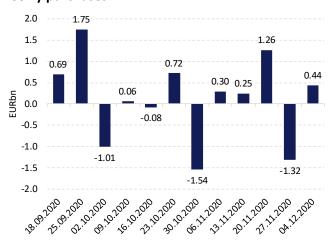
## **Expected monthly redemptions (in EURm)**







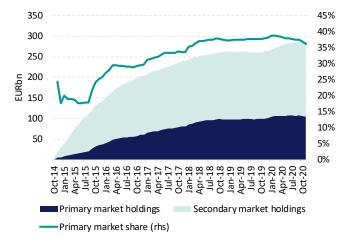




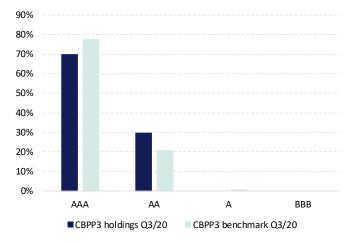
## Covered Bond Purchase Programme 3 (CBPP3)

## Weekly purchases

## Primary and secondary market holdings



# Distribution of CBPP3 by credit rating



Source: ECB, Bloomberg, NORD/LB Markets Strategy & Floor Research

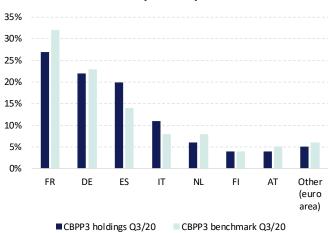
## **Development of CBPP3 volume**



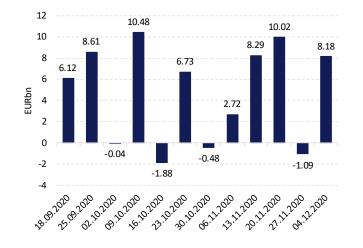
## Change of primary and secondary market holdings



## **Distribution of CBPP3 by country of risk**



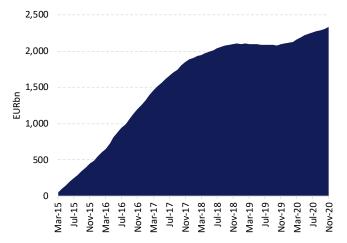




# Public Sector Purchase Programme (PSPP)

Weekly purchases

## **Development of PSPP volume**



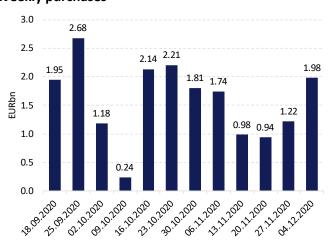
## Overall distribution of PSPP buying at month-end

Country	Adjusted distribution key <sup>1</sup>	Purchases (EURm)	Expected purchases (EURm) <sup>2</sup>	Difference (EURm)	Average time to maturity in years	Market average in years <sup>3</sup>	Difference in years
AT	2.701%	66,722	65,474	1,248	7.80	8.12	-0.3
BE	3.362%	84,991	81,499	3,492	8.35	10.31	-2.0
CY	0.199%	3,021	4,813	-1,792	10.00	9.16	0.8
DE	24.327%	562,019	589,701	-27,682	6.55	7.60	-1.0
EE	0.260%	225	6,302	-6,077	9.61	9.58	0.0
ES	11.004%	288,271	266,751	21,520	8.10	8.33	-0.2
FI	1.695%	34,826	41,090	-6,264	7.15	7.95	-0.8
FR	18.848%	485,477	456,888	28,589	7.15	8.13	-1.0
IE	1.563%	36,261	37,881	-1,620	8.77	9.86	-1.1
IT	15.677%	413,443	380,029	33,414	7.11	7.72	-0.6
LT	0.360%	4,365	8,716	-4,351	9.61	11.14	-1.5
LU	0.304%	2,773	7,369	-4,596	5.21	6.43	-1.2
LV	0.534%	2,851	12,947	-10,096	9.89	10.38	-0.5
MT	0.097%	1,203	2,346	-1,143	9.96	9.57	0.4
NL	5.408%	115,902	131,097	-15,195	7.57	8.49	-0.9
РТ	2.160%	44,950	52,357	-7,407	7.20	7.43	-0.2
SI	0.444%	8,785	10,771	-1,986	9.29	9.97	-0.7
SK	1.057%	13,885	25,619	-11,734	8.29	8.60	-0.3
GR	0.00%	0	0	0	0.00	16.01	0.0
SNAT	10.00%	254,084	242,406	11,679	7.34	8.52	-1.2
Total / Avg.	100.0%	2,424,055	-	-	7.26	8.22	-1.0

<sup>1</sup> Based on the ECB capital key, adjusted to include supras and the disqualification of Greece

<sup>2</sup> Based on the adjusted distribution key <sup>3</sup> Weighted average time to maturity of the bonds eligible for purchasing under the PSPP Source: ECB, Bloomberg, NORD/LB Markets Strategy & Floor Research





# **Corporate Sector Purchase Programme (CSPP)**

# Weekly purchases

# Asset-Backed Securities Purchase Programme (ABSPP)

#### Weekly purchases 400 338 300 257 240 228 222 200 100 EURm 16 0 -8 -100 -83 -96 101 -200 -206 -300 -247 02.10.2020 09.10.2020 06.11.2020 23.10.2020 30.10.2020 13.11.2020 25.09.2020 16.10.2020 20.11.2020 27.22.2020 18.09.2020 04.22.2020

Source: ECB, Bloomberg, NORD/LB Markets Strategy & Floor Research

# **Development of CSPP volume**



# Development of ABSPP volume





## Pandemic Emergency Purchase Programme (PEPP)

## Holdings (in EURm)

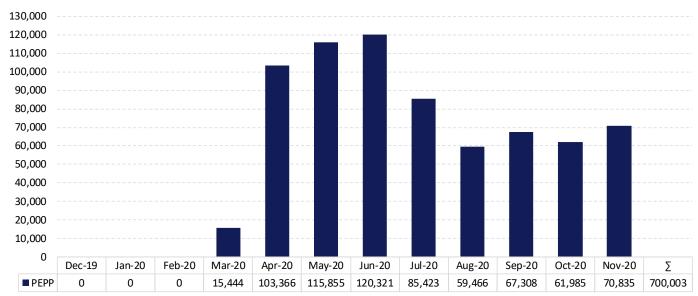
					,		•		,			
	PEPP											
Oct-20	629,169			39%					61%			
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Δ	+70,835	0	185	370	555	740	925	1,110	1,295	1,480	1,665	1,850

Volume already invested (in EURbn)

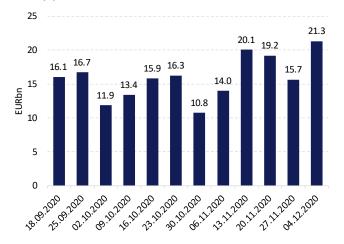
# **Estimated portfolio development**

Assumed pace of purchases	Weekly net purchase volume	PEPP limit hit in
Average weekly net purchase volume so far	EUR 19.9bn	57 weeks (07.01.2022)

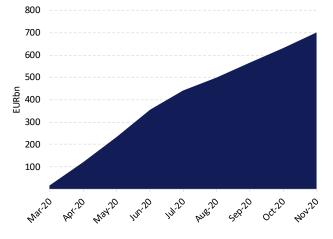
# Monthly net purchases (in EURm)



## Weekly purchases



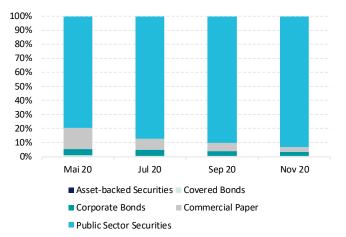
# Development of PEPP volume

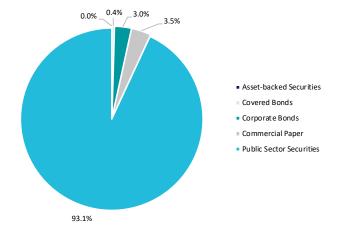


	Asset-backed securities	Covered bonds	Corporate bonds	Commercial paper	Public sector securities	PEPP
Sep-20	0	3,123	20,418	31,988	510,112	565,641
Nov-20	0	3,123	20,760	24,306	650,272	698,461
Δ	0	0	342	-7,682	140,160	132,820

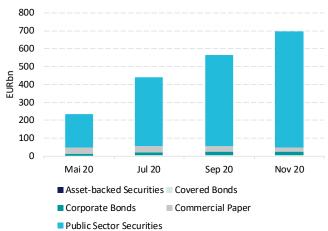
# Holdings under the PEPP (in EURm)

# Portfolio structure

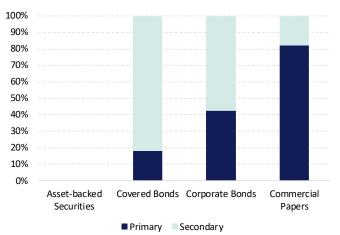




# Portfolio development



## Share of primary and secondary market holdings

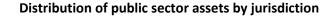


# Breakdown of private sector securities under the PEPP as of July 2020

	Asset-backed securities		Covered bonds		Corpora	ite bonds	<b>Commercial papers</b>		
	Primary	Secondary	Primary	Secondary	Primary	Secondary	Primary	Secondary	
Bestand in EURm	0	0	557	2,566	8,842	11,918	20,001	4,305	
Anteil	0.0%	0.0%	17.8%	82.2%	42.6%	57.4%	82.3%	17.7%	

Jurisdiction	Holdings (in EURm)	Adj. distribution key <sup>1</sup>	PEPP share	Deviations from the adj. distribution key <sup>2</sup>	ø time to maturity (in years)	Market average <sup>3</sup> (in years)	Difference (in years)
AT	17,567	2.6%	2.7%	0.1%	10.9	7.1	3.9
BE	22,197	3.3%	3.4%	0.1%	6.3	9.4	-3.1
CY	1,484	0.2%	0.2%	0.0%	10.9	8.3	2.5
DE	160,619	23.7%	24.6%	0.9%	4.8	6.7	-1.9
EE	207	0.3%	0.0%	-0.2%	9.1	7.5	1.6
ES	77,128	10.7%	11.8%	1.1%	8.5	7.4	1.0
FI	11,169	1.7%	1.7%	0.1%	7.2	7.0	0.3
FR	111,810	18.4%	17.2%	-1.2%	8.6	7.3	1.4
GR	16,307	2.2%	2.5%	0.3%	8.4	9.4	-1.0
IE	10,317	1.5%	1.6%	0.1%	8.9	9.6	-0.7
IT	118,169	15.3%	18.1%	2.8%	6.8	6.9	0.0
LT	2,080	0.5%	0.3%	-0.2%	11.8	10.6	1.2
LU	1,244	0.3%	0.2%	-0.1%	7.1	6.4	0.8
LV	907	0.4%	0.1%	-0.2%	9.1	10.3	-1.2
MT	261	0.1%	0.0%	-0.1%	7.5	8.1	-0.7
NL	35,705	5.3%	5.5%	0.2%	4.1	7.3	-3.2
PT	14,809	2.1%	2.3%	0.2%	6.8	6.6	0.2
SI	3,131	0.4%	0.5%	0.0%	8.3	9.5	-1.2
SK	4,707	1.0%	0.7%	-0.3%	7.8	8.2	-0.4
SNAT	41,991	10.0%	6.4%	-3.6%	8.9	7.6	1.3
Total / Avg.	651,810	100.0%	100.0%	-	7.0	7.2	-0.3

# Breakdown of public sector securities under the PEPP



180,000

160,000

140,000

120,000 100,000

80,000

60,000 40,000

20,000

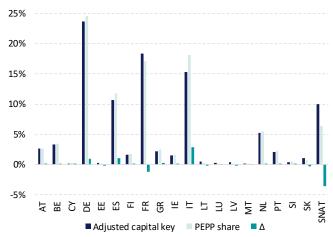
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in EURm



LB

NORD



<sup>1</sup> Based on the ECB capital key, adjusted to include supras <sup>2</sup> Based on the adjusted distribution key

SNAT

<sup>3</sup> Weighted average time to maturity of the bonds eligible for purchasing under the PEPP

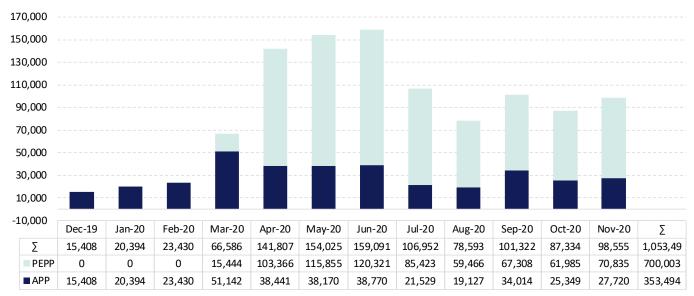
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## Aggregated purchase activity under APP and PEPP

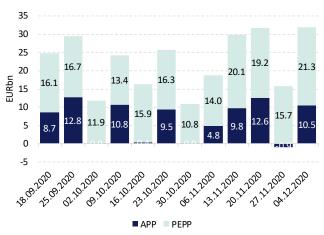
## Holdings (in EURm)

	АРР	PEPP	APP & PEPP
Oct-20	2,867,802	629,169	3,496,971
Nov-20	2,895,521	700,003	3,595,524
Δ	+27,720	+70,835	+98,555

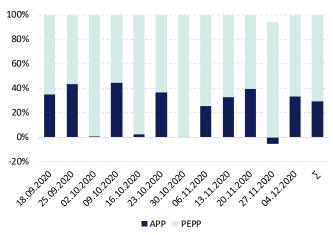
# Monthly net purchases (in EURm)



# Weekly purchases



# Distribution of weekly purchases



NORD/LB



# Appendix Overview of latest Covered Bond & SSA View editions

Publication	Topics
47/2020	<ul> <li>Fourth and final round of PEPP reporting in 2020</li> </ul>
	Investment alternative: Paris metropolitan area (IDF and VDP)
46/2020	<ul> <li>The ECB ahead of its course-setting meeting for 2021</li> </ul>
	Covered Bonds – Outlook 2021: Waiting for the game changer?
	SSA – Outlook 2021: Coronavirus and ECB dominate public-sector segment
45/2020 🔶 25 November	<ul> <li>UOB ends the state of hibernation on Singapore's primary market</li> </ul>
	The covered bond universe of Moody's: an overview
	<ul> <li>Update: Belgium regions as investment alternatives</li> </ul>
44/2020 🔶 18 November	Primary market 2021: real prospect of Hungarian EUR benchmarks?
	<ul> <li>German Pfandbrief savings banks in Q3 2020</li> </ul>
	<ul> <li>Development of the German property market</li> </ul>
43/2020 🔶 11 November	Newcomer to the benchmark segment: HSBC Bank Canada sets sights on EUR debut
	<ul> <li>OP Mortgage Bank: First green covered bond from Finland</li> </ul>
	Transparency requirements §28 PfandBG Q3/2020
42/2020 🔶 04 November	Covered Bond Framework and Liquidity Coverage Ratio: European Commission presents draft version of
	amendments to LCR regulation
	An overview of the Fitch covered bond universe
41/2020 🔶 28 October	ECB: The year of the owl – review and outlook
	<ul> <li>Yield developments on the covered bond market</li> </ul>
40/2020	German building societies: EUR benchmark debuts and requirements for investing in soft bullet bonds
	NPLs in cover pools – lack of unified approach at national level
39/2020 ♦ 14 October	Spain: Issuer consolidation ahead?
	PfandBG to include extendable maturity structures
	The EU has big plans – "SURE" and "Next Generation EU"
38/2020 ♦ 07 October	New issuer from Japan – Sumitomo Mitsui Trust Bank places inaugural EUR benchmark bond
	PEPP – taking stock six months on
37/2020	Cover pool characteristics – international comparison
36/2020	<ul> <li>Bausparkasse Schwäbisch Hall plans inaugural EUR benchmark</li> </ul>
	<ul> <li>Update: Auckland Council – Investment alternative in Down Under</li> </ul>
35/2020 ♦ 16 September	<ul> <li>Moody's covered bond universe: an overview</li> </ul>
	<ul> <li>Update Down Under: Victoria (TCV)</li> </ul>
34/2020 ♦ 26 August	<ul> <li>Covered bonds as central bank-eligible collateral – European Central Bank presents Q2 2020 figures</li> </ul>
5-7 2020 ¥ 20 August	<ul> <li>Update: New South Wales (NSWTC)</li> </ul>
22/2020 A 10 August	
<u>33/2020 ♦ 19 August</u>	
	ECBC publishes annual statistics for 2019
NORD/LB:	NORD/LB: NORD/LB: Bloomberg:



# Appendix Publication overview

# **Covered Bonds:**

Issuer Guide Covered Bonds 2020

**Risk weights and LCR levels of covered bonds** 

Transparency requirements §28 PfandBG

Transparenzvorschrift §28 PfandBG Sparkassen (German only)

# SSA/Public Issuers:

Issuer Guide – Supranationals & Agencies 2019

Issuer Guide – Canadian Provinces & Territories 2020

Issuer Guide – German Bundeslaender 2020

<u>Issuer Guide – Down Under 2019</u>

# Fixed Income:

ESG update

Analysis of ESG reporting

ECB launches corona pandemic emergency

ECB responds to corona risks



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Sales Europe	+352 452211-515

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# NORD/LB

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Recommendation system	Breakdown of recommendations (12 months)	
Positive: Positive expectations for the issuer, a bond type or a bond placed by the	Positive:	36%
issuer.	Neutral:	50%
<b>Neutral:</b> Neutral expectations for the issuer, a bond type or a bond of the issuer. <b>Negative:</b> Negative expectations for the issuer, a type of bond or a bond placed by the issuer. <b>Relative Value (RV):</b> Relative recommendation to a market segment, an individual issuer or a range of maturities.	Negative:	14%

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Issuer / security	Date	Recommendation	Bond type	Cause