

European Rates Supply Preview: Week ahead

Back from holidays with sizeable DV01

EGBs: Austria, Germany, France and Spain in the market Gross EGB auctions volume increase to c.€24.48bn Austria, Germany, France and Spain in the market. There are no significant coupons and redemptions flows during the week.

On Tuesday, 1) Austria taps the RAGB Feb33 and RAGB Oct53 for €1.38bn; 2) Germany taps DBRi Apr33 €400mln and DBRi Apr46 for €200mln.

On Wednesday, Germany taps the DBR Aug33 for €5bn. We see a vulnerable 5-10y sector heading to what we expect to be the last hike of the cycle from the ECB (on September 14th) also because of the increase in supply in DV01 terms (which this month likely surpasses seasonal factors – read Rates-EU in Global Rates Weekly: Belabored day 01 September 2023). Past that, risk-reward should improve for duration longs.

On Thursday, 1) France offers the OAT May33, May38 and May54 for up to €11bn; 2) Spain offers the SPGB Oct26, Nov30 (€i), Oct33 and Oct 52.

Exhibit 3: EGB spread residuals (in bp) according to PCA RV (cheap = positive residual) Cheap Bonos long end

	2 y	5y	7 y	10y	15y	25y
Austria	1.2	2.5	0.1	-2.8	-2.5	2.7
Netherlands	-2.3	1.8	0.4	-2.1	-1.7	2.5
Belgium	-2.7	2.6	1.3	-1.2	-1.1	2.1
France	-0.5	1.0	-0.4	-3.2	-3.2	2.3
Italy	-0.9	2.9	0.1	-3.5	-1.1	2.8
Spain	0.2	-0.2	-1.5	-3.3	0.7	5.9
Portugal	-1.1	3.8	1.9	-1.4	-0.8	-2.7

Source: BofA Global Research, Bloomberg (BFV rates). Residuals = Actual - Fitted EGB yield (expressed in bp and as a spread to Germany). The current value of dislocation (top-left corner of the table) is the z-score of the current standard deviation of EGB residuals originating from the regression on the first 11 principal components. For the full methodology please refer to report

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Bills: FR, GE, NE, BE, SP and GR

On Monday, 1) **France** offers two 3m lines, one 6m and one 12m line for €6.6bn; 2) **Germany** offers the 3m for €2bn and 9m line for €3bn; 3) **the Netherlands** offer the 3m and 6m line for €2bn each. On Tuesday, 1) **Belgium** offers the 3m line for €1bn; 2) **Spain** offers the 6m and 12m line. On Wednesday, **Greece** offers the 12m line for €625mln.

UK: UKT Jun28

In the UK, the DMO taps the UKT Jun28 for £4bn.

US: No auction on schedule

In the US, there are no auctions on schedule

For a complete list of our open trade ideas and risks, see latest Global Rates Weekly.

Trading ideas and investment strategies discussed herein may give rise to significant risk and are not suitable for all investors. Investors should have experience in relevant markets and the financial resources to absorb any losses arising from applying these ideas or strategies.

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Refer to important disclosures on page 8 to 9.

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Rates Research Europe

European Rates Research

MLI (UK)

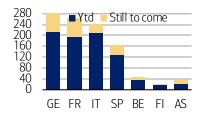
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Exhibit 1: Euro fixed coupon bond issuance, ytd vs. our estimates for the rest of 2023

Year to date versus expected 2023 target

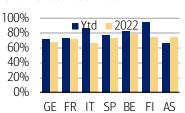


BofA Global Research Note that this is only an indication of issuance evolution in the EUR FIXED COUPON market. It does not incorporate the funding through inflation linked bonds. CTZs and CCTs

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Exhibit 2: Ytd Euro fixed coupon bond issuance in % of 2022 estimated targets

77% of the issuance done so far



BofA Global Research Note that this is only an indication of issuance evolution in the EUR FIXED COUPON market. It does not incorporate the funding through inflation linked bonds, CTZs and CCTs

Global bond supply/redemptions next 2 weeks

Exhibit 4: Eurozone, UK and US government bond supply and C&R in the next two weeks

No significant redemptions and coupons flows with a moderate gross supply leading to a positive net supply of €24.48bn

Date	Settle	Coun try	Sector	Amount (bn)	Bond	Туре	Date	Country		Amt (bn)		Туре
05-Sep	07-Sep	AS	9y	1.20	RAGB 2.9% 02/33	Тар						
05-Sep	07-Sep	AS	30y	1.38	RAGB 3.15% 10/53	Тар						
05-Sep	07-Sep	GE	9у	0.4	DBRi 0.1% 04/33	Тар						
05-Sep	07-Sep	GE	12y	0.2	DBRi 0.1% 04/46	Тар						
06-Sep	08-Sep	GE	10y	5.0	DBR 2.6% 08/33	Тар						
07-Sep	11-Sep	FR	10y		OAT 3% 05/33	Тар						
07-Sep	11-Sep	FR	15y	10.0-11.0	OAT 1.25% 05/38	Тар						
07-Sep	11-Sep	FR	30y		OAT 3% 05/54	Тар						
07-Sep	11-Sep	SP	Зу		SPGB 1.30% 10/26	Тар						
07-Sep	11-Sep	SP	7y	5.5-6.5(e)	SPGB€I 1% 11/30	Тар						
07-Sep	11-Sep	SP	10y	5.5-0.5(e)	SPGB 3.55% 10/33	Тар						
07-Sep	11-Sep	SP	30y		SPGB 1.9% 10/52	Тар						
					Total week	€22.48-24.48(e)					Total week	€0.0
12-Sep	14-Sep	GE	2y	5.5	BKO 3.1% 09/25	Тар	15-Sep	FI	-	5.8	RFGB 0 09/23	R
12-Sep	14-Sep	NE	TBA	1.5-2.5(e)	DSL (details TBA)	Тар	15-Sep	GE	-	16.0	BKO 0% 09/23	R
13-Sep	15-Sep	IT	3y, 7y,>10y	7.0-9.0(e)	3y BTPS, 7y BTPS, >10y BTPS	TBA on 08-Sep	15-Sep	IT	-	26.7	BTPS 2.6% 09/23	R
13-Sep	15-Sep	PO	TBA	0.75-1.25(e)	PGB (potential auction)	TBA	15-Sep	FI	4-27v	0.3	RFGB	C
13-Sep	15-Sep	GE	30y	1.5	DBR 1.80% 08/53	Тар	15-Sep	IT	3-35y	2.0	BTPS/Italy	C
14-Sep	16-Sep	IR	TBA	1.0-2.0(e)	IRISH	TBA)		, ,	_
TBA	TBA	EU	TBA	TBA	TBA	Synd						
					Total week	€17.25-21.75e)					Total week	€50.8
06-Sep	07-Sep	UK	5y	4.0	UKT 4.5% 06/28	Тар	07-Sep	UK	_	45.2	UKT 2.25% 09/23	R
00-зер	07-3ep	UK	Эу	4.0	UNI 4.5% 00/20	тар						
							07-Sep	UK	0-14y	5.8	UKT	С
					Total week	£4.0					Total week	£51.0
12-Sep	13-Sep	UK	28y	TBA	UKTI 0.125% 03/51	Тар						
					Total week	TBA	1				Total week	£0.0
					1000							
					Total week	\$0.0					Total week	\$0
11-Sep	15-Sep	US	Зу	TBA on 07-Sep	T	New	15-Sep	US	-	52.1	T	R
			,	- 1			1 1					

Τ

Total week

Тар

Тар

TBA on 07-Sep

US

15-Sep

Treasuries, BofA Global Research. (e) = estimate, C= Coupon, R= Redemption

10y

30y

US

US

Source: Treasuries, BofA Global Research.

15-Sep

12-Sep

13-Sep

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C

\$54.5

Total week

2.4

Exhibit 5: Euro-area bill auction calendar next week (€ bn)

Moderate activity in the T-bill market

Auctions	Date	Ctry	Amt €bn	Sector	Maturity
Week 36	04-Sep	FR	0.3-0.7	3m	27-Sep-23
	04-Sep	FR	1.8-2.2	3m	06-Dec-23
	04-Sep	FR	1.3-1.7	6m	07-Feb-24
	04-Sep	FR	1.6-2.0	12m	07-Aug-24
	04-Sep	GE	2.0	3m	13-Dec-23
	04-Sep	GE	3.0	9m	19-Jun-24
	04-Sep	NE	2.0	3m	29-Nov-23
	04-Sep	NE	2.0	6m	28-Feb-24
	05-Sep	BE	1.0	3m	11-Jan-24
	05-Sep	SP	-	6m	08-Mar-24
	05-Sep	SP	-	12m	06-Sep-24
	06-Sep	GR	0.625	12m	06-Sep-24

TBA on 07-Sep

TBA on 07-Sep

Source: Treasuries, BofA Global Research.

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Exhibit 6: Issuance of EUR denominated fixed coupon bonds YTD versus estimated 2023 target – comparison with % reached at same time in '22 (**) Issuance volume led by Italy

	EZ total	AS	BE	FI	FR***	GE	GR*	CY	IR	IT**	NE	PO	SP
Issued week 28 Aug	15.1	-	-	-	-	4.5	-		-	10.6	-	-	-
Issued YTD, Gross	880.9	22.5	37.1	17.1	194.5	213.1	9.2		6.0	210.2	33.0	9.8	128.5
As% of 2023	77%	67%	82%	95%	74%	72%			86%	87%	66%	69%	77%
Difference vs 22	6%	-9%	3%	20%	2%	4%			5%	20%	-7%	-12%	4%
Gross supply left	263.0	11.3	7.9	0.9	69.5	81.9	0.9		1.0	30.8	17.0	4.4	37.5
Redemptions (bn) **	243.9	12.1	8.5	5.8	44.9	52.5			-	84.3	-	9.4	26.5
Net supply left	19.1	-0.8	-0.6	-4.8	24.6	29.4	0.9		1.0	-53.5	17.0	-5.0	11.0

Source: BofA Global Research, Bloomberg. Difference vs 22: positive when the country is more advanced than in 2022. Numbers may not add-up due to rounding. Numbers between bracket correspond to provisory figures (awaiting second day allocation), (***) NOT netted for buy-back operations (estimated at €20bn).(*) we expect very small Euro bond issuance from these countries, as they will mainly rely on EU/IMF help to pay back their debt and fund their deficit; (*) Exclusively held by the ECB/EIB(**) This is an indication of issuance evolution in the EUR FIXED COUPON bonds. It may not translate the full picture of evolution of state funding as it does not incorporate inflation linked bonds, zeros and floating rate notes issuance / redemp. The table only tracks auctions and syndications

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Exhibit 7: Total bond and Bill issuance in 2023 across all bond types, with buybacks included where relevant Supply through the year

2023	Austria	Belgium	Finland	France	Germany	Greece	Ireland	Italy	Netherlands	Portugal	Spain	Totals
EUR fixed coupon bonds (1)	34	45	18	264	295	10	7	241	50	14	166	1144
Change versus 2022	1	1	0	4	73	4	0	24	6	2	21	135
Other Bonds (EUR linkers/floaters/zero cpn) (2)	0	0	0	26	5	0	0	70	0	0	7	108
Gross Bond Issuance (3) = (1)+(2)	34	45	18	290	300	10	7	311	50	14	173	1252
Change versus 2022	1	1	0	4	71	-1	0	40	6	2	22	145
Total Redemptions* (4)	28	21	11	156	189	5	7	266	30	10	92	815
Net Bond issuance (*inc. Buybacks)	6	24	7	134	111	5	0	45	20	4	81	437
Change versus 2022	-1	8	0	11	50	-1	5	4	7	0	-2	79
Net Bill issuance (6)	6	1	1	3	32	1	0	0	4	4	-5	47
Net Total (5)+(6)	12	25	8	138	143	6	0	45	24	8	76	484

Source: BofA Global Research, Countries Treasuries. Note: Numbers are expressed in EUR bn and may not add up due to rounding. (2) Total bonds correspond to the sum of EUR-denominated fixed coupon bonds

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Exhibit 8: Forecasted European government bond gross supply in 2023 Supply through the year

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep (est.)	Oct (est.)	Nov (est.)	Dec (est.)	2023
Austria	6	2	2	7	2	1	2	1	6	2	1	1	34
Belgium	7	6	4	5	4	5	3	3	5	3	0	0	45
Finland	4	0	2	5	1	2	0	3	0	0	0	0	18
France	27	32	31	24	24	28	26	18	32	26	18	3	290
Germany	28	32	27	30	27	23	23	27	22	25	28	8	300
Greece	4	0	3	0	0	0	2	0	0	1	0	0	10
Ireland	4	0	1	0	0	1	0	0	1	0	0	0	7
Italy	31	31	37	39	31	37	27	15	18	17	19	10	311
Netherlands	6	8	4	6	2	4	2	0	8	4	5	0	50
Portugal	3	5	1	0	0	0	1	0	2	1	2	0	14
Spain	25	19	15	14	14	25	13	6	16	13	6	4	173
Total	145	134	127	130	105	127	99	74	111	92	81	27	1252

Source: BofA Global Research. Note: Numbers are expressed in EUR bn.

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Exhibit 9: Projected supply net of coupons, redemptions, buybacks and QE

Monthly supply through the year

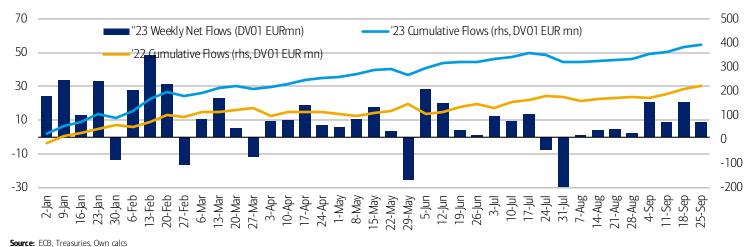
	Jan	Feb	<u>Mar</u>	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2023
Austria	6	2	1	1	22	1	-6	2	6	-8	11	1	10
Belgium	7	6	2	5	4	-9	3	3	5	-4	1	0	22
Finland	4	0	2	1	1	2	0	2	-3	1	1	0	10
France	27	19	9	6	-23	28	4	16	33	-15	16	4	123
Germany	26	12	14	-2	8	11	21	10	11	12	29	-4	148
Greece	-2	0	2	0	0	0	2	0	0	1	0	0	3
Ireland	4	0	-6	0	0	1	0	0	1	0	0	0	0
Italy	14	27	-1	28	-7	19	15	-29	-8	-12	-11	-1	34
Netherlands	-8	9	4	7	2	4	-11	0	8	4	5	0	24
Portugal	3	4	1	-1	0	0	1	0	1	-7	1	0	3
Spain	0	18	15	12	-5	25	-9	6	16	-9	0	3	71
Total	81	95	42	57	-18	81	18	8	71	-37	44	4	448

Source: BofA Global Research. Note: Numbers are expressed in EUR bn.

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Exhibit 10: Weekly DV01 of gross issuance net of reinvestment flows (from privates and ECB)

Net supply in DV01 terms accelerates markedly in September



Jource. ECD, Treasuries, OWIT Cares

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Eurozone bond supply/redemption quarterly

Exhibit 11: Euro-area government bond auctions (incl. fixed coupons, IL, CTZ, CCT), coupons and redemptions (only EUR) for Q3 2023 Flows through the quarter

Auctions	Date	Ctry	Amt	Sector(s)		Date	Country	Amount	Туре
Syndication	Jul-Sep	AS	3.0-5.0	TBA		Dute	country	Amount	Турс
Wk 26					Wk 26	1-Jul	IT	0.3	С
Wk 27	6-Jul	AS	1.0-2.0(e)	RAGB	Wk 27	4-Jul	FI	0.5	С
	6-Jul	FR	111.0(e)	>8y OAT		4-Jul	GE	5.9	C
	6-Jul	SP	5.5-6.5(e)	SPGB/SPGB€I					
Wk 28	11-Jul	GE	5.0	OBL 10/28	Wk 28	15-Jul	AS	9.8	R
	11-Jul	NE	1.5-2.5(e)	DSL		15-Jul	AS	0.7	C
	12-Jul	GE	5.0	DBR 08/33		15-Jul	IT	11.7	R
	12-Jul	PO	0.75-1.25(e)	PGB (potential auction)		15-Jul	IT	0.7	C
	13-Jul	ΙΤ	7.0-9.0(e)	3y BTPS, 7y BTPS, >10y BTPS		15-Jul	NE	17.5	R
						15-Jul	NE	1.3	C
Wk 29	18-Jul	GE	6.0	BKO 09/25	Wk 29	16-Jul	PO	0.1	С
	19-Jul	GR	0.2-0.3(e)	GGB		21-Jul	PO	0.4	C

Exhibit 11: Euro-area government bond auctions (incl. fixed coupons, IL, CTZ, CCT), coupons and redemptions (only EUR) for Q3 2023 Flows through the quarter

Auctions	Date	Ctry	Amt	Sector(s)		Date	Country	Amount	Тур
	20-Jul	FR	12.0-14.0(e)	2-8y OAT/OAT€i					
	20-Jul	SP	5.5-6.5(e)	SPGB					
Wk 30	24-Jul	BE	2.0-3.0(e)	BGB	Wk 30	25-Jul	FR	23.1	F
	25-Jul	ΙΤ	3.0-5.0(e)	BTPShort, BTP€I		25-Jul	FR	2.6	(
	26-Jul	GE	4.0	DBR 11/30					
	27-Jul	IT	7.0-9.0(e)	5y BTPS, 10y BTPS, CCTeu					
Wk31					Wk 31	30-Jul	SP	9.2	(
						31-Jul	SP	21.2	R
						31-Jul	ΙΤ	0.3	C
		Total Jul	up to €76.4-90.1(e)				Total Jul	€ 105.4	
Wk31	3-Aug	FR	111.0(e)	>8y OAT	Wk 31	1-Aug	IT	20.5	R
	3-Aug	SP	5.5-6.5(e)	SPGB/SPGB€I		1-Aug	IT	4.1	(
	4-Aug	BE	0.5-0.7(e)	ORI Facility					
Wk32	8-Aug	AS	1.0-2.0(e)	RAGB	Wk 32				
	8-Aug	GE	4.0	OBL 10/28					
	9-Aug	GE	5.0	DBR 08/33					
	9-Aug	PO	0.75-1.25(e)	PGB (potential auction)					
Wk 33	15-Aug	GE	5.5	BKO 09/25	Wk 33	15-Aug	GE	22.5	F
	16-Aug	GE	1.5	DBR 0% 08/52		15-Aug	IT	16.0	F
	17-Aug	FI	0.4(e)	RFGB ORI		15-Aug	GE	3.4	(
	17-Aug	FR	12.0-14.0(e)	2-8y OAT/OAT€i		15-Aug	ΙΤ	0.2	(
	17-Aug	SP	5.5-6.5(e)	SPGB					
Wk34	21-Aug	BE	2.0-3.0(e)	BGB	Wk 34				
	23-Aug	GE	3.0	DBR 11/30					
Wk 35	29-Aug	GE	4.0	OBL 2.40% 10/28	Wk 35				
	30-Aug	ΙΤ	7.0-9.0(e)	5y BTPS, 10y BTPS, CCTeu					
		Total Aug	up to €77.6-91.4(e)				Total Aug	€ 66.7	
Wk 35	1-Sep	BE	0.5-0.7(e)	ORI Facility	Wk 35	1-Sep	ΙΤ	8.0	C
Wk 36	5-Sep	AS	1.0-2.0(e)	RAGB	Wk 36				
	6-Sep	GE	5.0	DBR 08/33					
	7-Sep	FR	111.0(e)	>8y OAT					
	7-Sep	SP	5.5-6.5(e)	SPGB/SPGB€I					
		CE		B140 00 0E			ΙΤ	0.2	F
Wk 37	12-Sep	GE	5.5	BKO 09/25	Wk 37	14-Sep	11	0.2	
Wk 37	12-Sep 12-Sep				Wk37				(
Wk37		GE NE IT	5.5 1.5-2.5(e) 7.0-9.0(e)	BKO 09/25 DSL 3y BTPS, 7y BTPS, >10y BTPS	Wk 37	14-Sep 14-Sep 15-Sep	IT FI	0.1 5.8	
Wk 37	12-Sep	NE	1.5-2.5(e) 7.0-9.0(e)	DSL	Wk37	14-Sep	IT	0.1	F
Wk37	12-Sep 13-Sep	NE IT PO	1.5-2.5(e)	DSL 3y BTPS, 7y BTPS, >10y BTPS	Wk37	14-Sep 15-Sep	IT FI	0.1 5.8 16.0	F
Wk37	12-Sep 13-Sep 13-Sep	NE IT	1.5-2.5(e) 7.0-9.0(e) 0.75-1.25(e) 1.5	DSL 3y BTPS, 7y BTPS, >10y BTPS PGB (potential auction)	Wk37	14-Sep 15-Sep 15-Sep	IT FI GE IT	0.1 5.8 16.0 24.8	
Wk 37	12-Sep 13-Sep 13-Sep 13-Sep	NE IT PO GE	1.5-2.5(e) 7.0-9.0(e) 0.75-1.25(e)	DSL 3y BTPS, 7y BTPS, >10y BTPS PGB (potential auction) DBR 1.80% 08/53	Wk37	14-Sep 15-Sep 15-Sep 15-Sep	IT FI GE	0.1 5.8 16.0	; ; ; (
	12-Sep 13-Sep 13-Sep 13-Sep 14-Sep	NE IT PO GE IR	1.5-2.5(e) 7.0-9.0(e) 0.75-1.25(e) 1.5 1.0-2.0(e)	DSL 3y BTPS, 7y BTPS, >10y BTPS PGB (potential auction) DBR 1.80% 08/53 IRISH		14-Sep 15-Sep 15-Sep 15-Sep 15-Sep 15-Sep	IT FI GE IT FI IT	0.1 5.8 16.0 24.8 0.3 1.5	 -
Wk37	12-Sep 13-Sep 13-Sep 13-Sep 14-Sep	NE IT PO GE IR	1.5-2.5(e) 7.0-9.0(e) 0.75-1.25(e) 1.5 1.0-2.0(e)	DSL 3y BTPS, 7y BTPS, >10y BTPS PGB (potential auction) DBR 1.80% 08/53 IRISH BGB	Wk37	14-Sep 15-Sep 15-Sep 15-Sep 15-Sep	IT FI GE IT FI	0.1 5.8 16.0 24.8 0.3	 -
	12-Sep 13-Sep 13-Sep 13-Sep 14-Sep 18-Sep 19-Sep	NE IT PO GE IR BE FI	1.5-2.5(e) 7.0-9.0(e) 0.75-1.25(e) 1.5 1.0-2.0(e) 2.0-3.0(e) 1.0-1.5(e)	DSL 3y BTPS, 7y BTPS, >10y BTPS PGB (potential auction) DBR 1.80% 08/53 IRISH BGB RFGB		14-Sep 15-Sep 15-Sep 15-Sep 15-Sep 15-Sep	IT FI GE IT FI IT	0.1 5.8 16.0 24.8 0.3 1.5	
	12-Sep 13-Sep 13-Sep 13-Sep 14-Sep 14-Sep 19-Sep 20-Sep	NE IT PO GE IR BE FI GR	1.5-2.5(e) 7.0-9.0(e) 0.75-1.25(e) 1.5 1.0-2.0(e) 2.0-3.0(e) 1.0-1.5(e) 0.2-0.3(e)	DSL 3y BTPS, 7y BTPS, >10y BTPS PGB (potential auction) DBR 1.80% 08/53 IRISH BGB RFGB GGB		14-Sep 15-Sep 15-Sep 15-Sep 15-Sep 15-Sep	IT FI GE IT FI IT	0.1 5.8 16.0 24.8 0.3 1.5	 -
	12-Sep 13-Sep 13-Sep 13-Sep 14-Sep 18-Sep 19-Sep 20-Sep 21-Sep	NE IT PO GE IR BE FI	1.5-2.5(e) 7.0-9.0(e) 0.75-1.25(e) 1.5 1.0-2.0(e) 2.0-3.0(e) 1.0-1.5(e) 0.2-0.3(e) 12.0-14.0(e)	DSL 3y BTPS, 7y BTPS, >10y BTPS PGB (potential auction) DBR 1.80% 08/53 IRISH BGB RFGB		14-Sep 15-Sep 15-Sep 15-Sep 15-Sep 15-Sep	IT FI GE IT FI IT	0.1 5.8 16.0 24.8 0.3 1.5	 -
Wk 38	12-Sep 13-Sep 13-Sep 13-Sep 14-Sep 18-Sep 19-Sep 20-Sep 21-Sep 21-Sep	NE IT PO GE IR BE FI GR FR SP	1.5-2.5(e) 7.0-9.0(e) 0.75-1.25(e) 1.5 1.0-2.0(e) 2.0-3.0(e) 1.0-1.5(e) 0.2-0.3(e) 12.0-14.0(e) 5.5-6.5(e)	DSL 3y BTPS, 7y BTPS, >10y BTPS PGB (potential auction) DBR 1.80% 08/53 IRISH BGB RFGB GGB 2-8y OAT/OAT€i SPGB	Wk 38	14-Sep 15-Sep 15-Sep 15-Sep 15-Sep 15-Sep 20-Sep	IT FI GE IT FI IT AS	0.1 5.8 16.0 24.8 0.3 1.5	
	12-Sep 13-Sep 13-Sep 13-Sep 14-Sep 18-Sep 19-Sep 20-Sep 21-Sep 21-Sep 26-Sep	NE IT PO GE IR BE FI GR	1.5-2.5(e) 7.0-9.0(e) 0.75-1.25(e) 1.5 1.0-2.0(e) 2.0-3.0(e) 1.0-1.5(e) 0.2-0.3(e) 12.0-14.0(e) 5.5-6.5(e)	DSL 3y BTPS, 7y BTPS, >10y BTPS PGB (potential auction) DBR 1.80% 08/53 IRISH BGB RFGB GGB 2-8y OAT/OAT€i		14-Sep 15-Sep 15-Sep 15-Sep 15-Sep 15-Sep 20-Sep	IT FI GE IT FI IT	0.1 5.8 16.0 24.8 0.3 1.5 0.1	(
Wk 38	12-Sep 13-Sep 13-Sep 13-Sep 14-Sep 18-Sep 19-Sep 20-Sep 21-Sep 21-Sep 26-Sep 26-Sep	NE IT PO GE IR BE FI GR FR SP GE	1.5-2.5(e) 7.0-9.0(e) 0.75-1.25(e) 1.5 1.0-2.0(e) 2.0-3.0(e) 1.0-1.5(e) 0.2-0.3(e) 12.0-14.0(e) 5.5-6.5(e) 4.0 3.0-5.0(e)	DSL 3y BTPS, 7y BTPS, >10y BTPS PGB (potential auction) DBR 1.80% 08/53 IRISH BGB RFGB GGB 2-8y OAT/OAT€i SPGB OBL 10/28 BTPShort, BTP€I	Wk 38	14-Sep 15-Sep 15-Sep 15-Sep 15-Sep 15-Sep 20-Sep	IT FI GE IT FI IT AS	0.1 5.8 16.0 24.8 0.3 1.5	
Wk 38	12-Sep 13-Sep 13-Sep 13-Sep 14-Sep 18-Sep 20-Sep 21-Sep 21-Sep 26-Sep 26-Sep 26-Sep	NE IT PO GE IR BE FI GR FR SP GE IT NE	1.5-2.5(e) 7.0-9.0(e) 0.75-1.25(e) 1.5 1.0-2.0(e) 2.0-3.0(e) 1.0-1.5(e) 0.2-0.3(e) 12.0-14.0(e) 5.5-6.5(e) 4.0 3.0-5.0(e) 1.5-2.5(e)	DSL 3y BTPS, 7y BTPS, >10y BTPS PGB (potential auction) DBR 1.80% 08/53 IRISH BGB RFGB GGB 2-8y OAT/OAT€i SPGB OBL 10/28 BTPShort, BTP€I DSL 2.5% 07/33	Wk 38	14-Sep 15-Sep 15-Sep 15-Sep 15-Sep 15-Sep 20-Sep	IT FI GE IT FI IT AS	0.1 5.8 16.0 24.8 0.3 1.5 0.1	F F ((((((((((((((((((
Wk 38	12-Sep 13-Sep 13-Sep 13-Sep 14-Sep 18-Sep 19-Sep 20-Sep 21-Sep 21-Sep 26-Sep 26-Sep	NE IT PO GE IR BE FI GR FR SP GE	1.5-2.5(e) 7.0-9.0(e) 0.75-1.25(e) 1.5 1.0-2.0(e) 2.0-3.0(e) 1.0-1.5(e) 0.2-0.3(e) 12.0-14.0(e) 5.5-6.5(e) 4.0 3.0-5.0(e)	DSL 3y BTPS, 7y BTPS, >10y BTPS PGB (potential auction) DBR 1.80% 08/53 IRISH BGB RFGB GGB 2-8y OAT/OAT€i SPGB OBL 10/28 BTPShort, BTP€I	Wk 38	14-Sep 15-Sep 15-Sep 15-Sep 15-Sep 15-Sep 20-Sep	IT FI GE IT FI IT AS	0.1 5.8 16.0 24.8 0.3 1.5 0.1	(((((((((((((((((((

Source: BofA Global Research estimates and national debt GE management agencies. Note: Numbers are expressed in EUR bn. In the leftmost column, C indicates a coupon payment, R a redemption

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Exhibit 12: Common acronyms/abbreviations used in our reports

This list is subject to change

Acı	ronym/Abbreviatio	n Defini	ition	Acronym/Abbreviation	1	Definition
	1H	First Half		IT	Italy	
	2H	Second Half		lan	lanuary	



Exhibit 12: Common acronyms/abbreviations used in our reportsThis list is subject to change

Definition	Acronym/Abbreviation	Definition
First Quarter	Jul	July
Second Quarter	Jun	June
Third Quarter	lhs	left-hand side
Fourth Quarter	m	month
annualized	MA	Moving Average
Asset Purchase Programme	Mar	March
	MBM	Meeting-by-meeting
•		month-on-month
		Monday
		Monetary Policy Committee
		Megawatt-hour
S		NextGenerationFU
		Netherlands
		November
		National Recovery and Resilience Plan
		Non-seasonally Adjusted
		Obligations assimilables du Trésor
		Office for Budget Responsibility
	·	October
		Organisation for Economic Co-operation and Development
		Office for National Statistics
		preliminary/flash print
		People's Bank of China
		Pandemic Emergency Purchase Programme
		Purchasing Managers' Index
•		Public Sector Purchase Programme
		Portugal
		Quantitative Easing
3		quarter-on-quarter
		Quantitative Tightening
•		Reserve Bank of Australia
		Reserve Bank of New Zealand
	rhs	right-hand side
		Retail Price Index
		Recovery and Resilience Facility
European Investment Bank		Seasonally Adjusted
Economic Mood Tracker	SAFE	Survey on the access to finance of enterprises
European Parliament	Sat	Saturday
Spain	Sep	September
Economic Sentiment Indicator	SMA	Survey of Monetary Analysts
European Stability Mechanism	SNB	Swiss National Bank
European Union	SPF	Survey of Professional Forecasters
final print	Sun	Sunday
	SURE	Support to mitigate Unemployment Risks in an Emergency
Federal Reserve		Standard & Poor's
France		Thursday
Friday		Targeted Longer-term Refinancing Operations
		Transmission Protection Instrument
		Title Transfer Facility
		Tuesday
		United Kingdom
		United States
		Work-day Adjusted
		Wednesday
		3
Industrial Production	_	year
IIIUUSUIAI MUUULUUII	yoy	year-on-year
Iroland		voor to data
Ireland	ytd	year-to-date
Ireland Principal Component Analysis Optional Reverse Inquiry	yta EGB C&R	year-to-date Eurozone Governmeny Bond Coupons and redemptions
	First Quarter Second Quarter Third Quarter Fourth Quarter Fourth Quarter annualized Asset Purchase Programme April Austria August Banque de France (Bank of France) Belgium Bureau of Economic Analysis Bank Lending Survey Bank of England Bank of America Banca d'Italia (Bank of Italy) Bank of Japan Banco de España (Bank of Spain) basis point Buoni Poliennali del Tesoro Bundesbank circa Current Account Consumer Price Index Corporate Sector Purchase Programme day Germany December Debt sustainability Euro area European Commission European Court of Justice European Financial Stability Facility European Government Bond European Investment Bank Economic Mood Tracker European Parliament Spain Economic Sentiment Indicator European Union final print February Federal Reserve	First Quarter Second Quarter Jun Second Quarter Ihis Fourth Quarter Ihis Fourth Quarter April MA Asset Purchase Programme April MBM Austria Mon Banque de France (Bank of France) Belgium MWh Bureau of Economic Analysis Bank of England Bank of America Bank of England Bank of America Bank of Japan Banco de España (Bank of Spain) Bank of Japan Banco de España (Bank of Spain) Bansin of Japan Bouni Poliennali del Tesoro Buoni Poliennali del Tesoro Borcu Detto Dett

Source: BofA Global Research

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