European Rates Supply Preview: Week ahead

Moderate mid-tenors supply, high reinvestments

EGBs: Germany, Holland, Italy and Portugal

Gross EGB auctions volume decreases to c.€21.25bn with Germany, the Netherlands, Italy and Portugal in the market. Greece, Ireland, Austria, Italy and Germany repay €25.9bn in coupons and redemptions.

On Tuesday, 1) Germany taps the BKO Mar26 for €4.5bn 2) the Netherlands taps the DSL Jan30 for up to €2.5bn. The German front-end may see reinvestments flows (starting from Wednesday) from a maturing BKO next week (with a €19bn outstanding, of which over €8bn potentially held by the Eurosystem however). The BKO trades 2.6bp above our smoothed German yield curve (+1.6x in terms of 3m deviation from the mean) as of Friday's close (see: European Rates Watch: EGBs, bond by bond).

On Wednesday, 1) Germany taps the DBR Feb34 for €4.5bn; 2) Italy taps the BTP Feb27 for up to €3bn, the Feb31 for up to €3bn, the Mar38 for up to €1.25bn and the Green BTP for up to €1.25bn; 3) Portugal taps the PGB Oct31 and Apr42 for up to €1.25bn. The Green BTP trades about 2bp rich on the curve, in line with recent history.

Bills: FR, GE, BE, FI, IT, SP and CY

On Monday, 1) **France** offers two 3m, one 6m and one 12m lines for up to €7.2bn; 2) **Germany** offers the 3m and 9m lines for €2bn each. On Tuesday, 1) **Belgium** offers the 3m amd 12m lines for €2bn each; 2) **Finland** offers the 9m and 12m lines for €1bn each; 3) **Italy** offers the 12m line for 7.5bn; 4) **Spain** offers the 3m and 9m lines. On Friday, Cyprus offers the 3m line

UK: UKT Oct34 and UKTI Nov54 Syndication

In the UK, the DMO taps the UKT Oct34 for £3.75bn and runs a syndication for a new UKTI Nov54.

US: 3y,10y Notes and 30y Bond

In the US, the Treasury issues the new 3y Note for \$56bn, taps the 10y Note for \$39bn and the 30y Bond for \$22bn.

For a complete list of our open trade recommendations, as well as our trade recommendations closed over the last 12 months, please see the latest <u>Global Rates</u> <u>Weekly.</u>

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 10.

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Rates Research Europe

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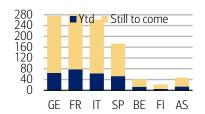
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Exhibit 1: Euro fixed coupon bond issuance, ytd vs. our estimates for the rest of 2024

Year to date versus expected 2024 target



Source: 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 2023 estimated targets

27% of the issuance done so far



Source: 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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Global bond supply/redemptions next 2 weeks

Exhibit 3: Eurozone, UK and US government bond supply and C&R in the next two weeks

Higher redemption and coupons flows with a moderate gross supply lead to a negative net supply of €4.65bn

	Date	Settle	Country	Sector	Amount (bn)	Bond	Type	Date	Country		Amt (bn)		Туре
	12-Mar	14-Mar	GE	2y	4.5	BKO 2.5% 03/26	Тар	12-Mar	GR	3y/5y	0.3	GGB Float/GGB	C
	12-Mar	14-Mar	NE	6y	2.0-2.5	DSL 2.5% 01/30	Tap	13-Mar	IR	1y	0.7	IRISH 5.4% 03/13/25	C
	13-Mar	15-Mar	GE	1Óy	4.5	DBR 2.20% 02/34	Tap	15-Mar	AS	2y/13y	1.2	RAGB	C
	13-Mar	15-Mar	IT	Зу	2.5-3.0	BTP 2.95% 02/27	Тар	11/14/1 5-Mar	IT	0-39y	4.2	BTP, ITALY, CCTeu	C
	13-Mar	15-Mar	IT	7y	2.5-3.0	BTP 3.5% 02/31	Tap	15-Mar	GE	-	19.5	BKO 0 % 03/15/24	R
	13-Mar	15-Mar	ΙT	14y	1.0-1.25	BTP 3.25% 03/38	Tap						
	13-Mar	15-Mar	ΙT	7y	1.0-1.25	Green BTP 4% 10/31	Tap						
	13-Mar	15-Mar	PO	8y	10125	PGB 0.3% 10/31	Tap						
41	13-Mar	15-Mar	PO	18y	1.0-1.25	PGB 1.15% 04/42	Tap						
Europe						Total week	€19.0-21.25(e)	ł				Total week	€25.9
I	18-Mar	/22-Mar	EU	TBA	TBA	EU	Syndication	18-Mar	IR	0-51y	0.4	IRISH/IRELND	C
		20-Mar	BE	TBA	2.0-3.0(e)	BGB	TBA	18-Mar	IR		8.0	IRISH 3.4% 03/24	R
		21-Mar	FI	TBA	1.0-1.5	RFGB	TBA	20-Mar	GR	0-2y	0.3	GGB/GGB FLoat	C
		22-Mar	GE	28y	1.0	DBR 0% 8/52	Tap	20-Mar	GR	- U Zy	1.4	GGB 4.7% 03/24	R
		22-Mar	GE	30v	1.0	DBR 0 70 07 32	Тар	20 10101	UIV		1.7	000 4.7 /0 03/24	11
		22-Mar	GR	TBA	0.1-0.3(e)	GGB	TBA						
		25-Mar	FR	TBA on 15-Mar	9.5-11.5(e)	2-8y OAT/OAT€	TBA on 15-Mar						
		25-Mar	SP	TBA on 15-Mar	5.5-6.5(e)	SPGB	TBA on 15-Mar						
		25-Mar	IR	TBA on 19-Mar	1.0-1.5(e)	IGB	TBA on 19-Mar						
		26-Mar	IT	TBA on 19-Mar	3.0-5.0(e)	BTPShort, BTP€I	TBA on 19-Mar						
	ZZ-IVIdI	ZO-IVIdI	11	IDA UII 19-IVIdI	3.0-3.0(e)	Total week		1				Total week	€10.1
						Total week	€24.1-31.3(e)					rotal week	€10.1
	12-Mar	13-Mar	UK	10y	3.75	UKT 4.625% 10/34	Тар						
	13-Mar	14-Mar	UK	30y	3.0-4.0(e)	UKTI 11/54	Syndication						
V				,		Total week	£6.75-7.75(e)	1				Total week	£0.0
¥	19-Mar	20-Mar	UK	19y	TBA	UKT 4.75% 10/43	Тар	22-Mar	UK	-	30.0	UKTI 0.125% 04/24	R
								22-Mar	UK	0-49y	1.0	UKTI	C
						Total week	TBA					Total week	£31.0
		15-Mar	US	Зу	56.0	T	New	15-Mar	UK	-	61.6	T	R
	12-Mar	15-Mar	US	10y	39.0	T	Тар	15-Mar	UK	0-2y	6.6	T	C
	13-Mar	15-Mar	US	30y	22.0	T	Тар						
SN						Total week	\$117.0	1				Total week	\$68.2
_	19-Mar	01-Apr	US	20y	TBA on 14-Mar	T	Тар	İ					
		28-Mar	US	10y	TBA on 14-Mar	TIPS	Тар						

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

Source: Treasuries, BofA Global Research.

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Exhibit 4: Euro-area bill auction calendar next week (€ bn)

Strong activity in the T-bill market

Auctions	Date	Ctry	Amt €bn	Sector	Maturity
Week 11	11-Mar	FR	3.0-3.4	3m	05-Jun-24
	11-Mar	FR	0.2-0.6	3m	12-Jul-24
	11-Mar	FR	1.3-1.7	6m	18-Sep-24
	11-Mar	FR	1.1-1.5	12m	26-Feb-25
	11-Mar	GE	2.0	3m	19-Jun-24
	11-Mar	GE	2.0	9m	11-Dec-24
	12-Mar	BE	2.0	3m	11-Jul-24
	12-Mar	BE	2.0	12m	13-Mar-25
	12-Mar	FI	1.0	9m	13-Nov-24
	12-Mar	FI	1.0	12m	13-Feb-25
	12-Mar	IT	7.5	12m	14-Mar-25
	12-Mar	SP	-	3m	07-Jun-24
	12-Mar	SP	-	9m	06-Dec-24
	15-Mar	CY	-	3m	-

Source: Treasuries, BofA Global Research.



Exhibit 5: Issuance of EUR denominated fixed coupon bonds YTD versus estimated 2024 target – comparison with % reached at same time in '23 (**) Issuance volume led by France

	EZ total	AS	BE	FI	FR ***	GE	GR *	CY	IR	IT**	NE	PO	SP
Issued week 04-Mar	29.9	2.3	-	-	13.0	8.5	-		-	-	-	-	6.1
Issued YTD, Gross	316.9	13.8	13.1	4.9	78.0	64.5	4.7		3.0	62.5	11.8	8.0	52.8
As% of 2024	27%	29%	32%	22%	28%	23%			38%	24%	29%	57%	31%
Difference vs 23	-2%	1%	4%	1%	3%	1%			-30%	4%	-2%	-24%	1%
Gross supply left	854.2	33.2	27.9	17.0	201.0	210.5	5.3		5.0	199.8	28.2	6.0	120.2
Redemptions (bn) **	482.6	11.7	49.4	5.0	87.3	95.0	1.8		8.0	130.7	17.4	0.0	76.3
Net supply left	371.6	21.5	-21.5	12.0	113.8	115.5	3.5		-3.0	69.1	10.8	6.0	43.9

Source: BofA Global Research, Bloomberg. Difference vs 23: positive when the country is more advanced than in 2023. 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. Changes of funding pace is due to EUR FIXED COUPON bonds target revision..

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Exhibit 6: Total bond and Bill issuance in 2024 across all bond types, with buybacks included where relevant Supply through the year

2024	Austria	Belgium	Finland	France	Germany	Greece	Ireland	Italy	Netherlands	Portugal	Spain	Totals
EUR fixed coupon bonds (1)	47	41	22	279	275	10	8	262	40	14	173	1171
Change versus 2023	13	-4	0	2	-11	-2	1	5	-6	3	3	3
Other Bonds (EUR linkers/floaters/zero cpn) (2)	0	0	0	26	0	0	0	81	0	0	13	120
Gross Bond Issuance (3) = (1)+(2)	47	41	22	305	275	10	8	344	40	14	186	1291
Change versus 2023	13	-3	1	2	-16	-2	1	1	-6	3	5	-2
Total Redemptions* (4)	24	28	9	169	196	2	8	273	33	6	113	860
Net Bond issuance (*inc. Buybacks)	23	13	13	136	79	8	0	70	7	8	73	431
Change versus 2023	12	-3	6	13	18	4	5	29	-6	4	-11	71
Net Bill issuance (6)	3	5	0	4	-39	0	0	0	10	6	0	-12
Net Total (5)+(6)	26	17	13	140	40	8	0	70	17	14	73	419

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 7: Forecasted European government bond gross supply in 2024

Monthly supply through the year

	Jan	Feb	Mar (est.)	Apr (est.)	May (est.)	Jun (est.)	Jul (est.)	Aug (est.)	Sep (est.)	Oct (est.)	Nov (est.)	Dec (est.)	2024
Austria	9	2	2	9	3	2	2	2	2	11	2	1	47
Belgium	7	6	4	4	4	4	3	4	2	3	0	0	41
Finland	3	2	2	4	2	2	0	3	1	2	1	0	22
France	34	35	30	24	23	27	25	22	27	27	26	5	305
Germany	35	21	23	28	19	25	28	23	22	27	18	8	275
Greece	4	0	2	0	0	0	3	0	0	0	0	0	10
Ireland	3	0	2	0	0	2	0	0	1	0	0	0	8
Italy	45	25	36	38	30	36	26	15	29	38	18	7	344
Netherlands	4	8	4	7	2	3	2	0	4	6	0	0	40
Portugal	6	2	2	0	0	0	2	0	2	0	0	0	14
Spain	29	18	16	14	14	26	14	7	15	17	12	3	186
Total	179	121	121	127	97	127	104	75	105	131	78	24	1291

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



Exhibit 8: Projected supply net of coupons, redemptions, buybacks and QE

Monthly net supply through the year

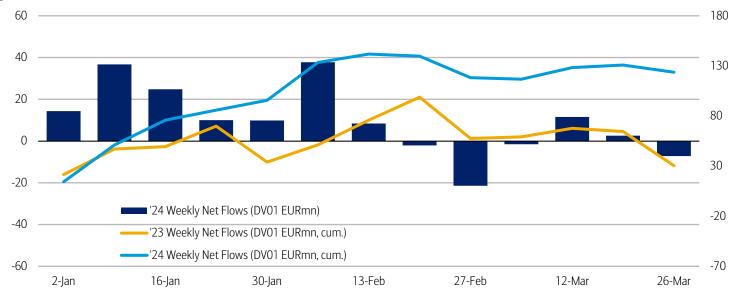
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2024
Austria	9	2	1	9	2	2	-7	2	2	3	2	1	28
Belgium	7	5	1	4	4	-10	3	4	2	-6	0	0	14
Finland	3	2	2	1	1	2	0	3	-1	2	1	0	15
France	34	7	-3	14	-17	27	8	22	27	21	-4	5	140
Germany	23	4	9	11	2	13	24	7	11	12	18	-2	133
Greece	4	0	1	-2	0	0	2	0	0	0	0	0	7
Ireland	3	0	-5	0	-1	2	0	0	1	0	0	0	0
Italy	20	11	9	14	1	32	9	1	-3	22	1	-24	92
Netherlands	-9	8	4	7	2	3	-9	0	4	6	0	0	15
Portugal	6	-3	2	-1	0	0	1	0	2	0	0	0	7
Spain	14	18	16	-3	0	26	-3	7	15	-3	3	3	92
Total	113	55	36	54	-5	96	30	45	60	55	21	-17	544

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

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Exhibit 9: Weekly DV01 of gross issuance net of reinvestment flows (from privates and ECB)

Net supply in DV01 terms peaks in mid-February



Source: ECB, Treasuries, Own calcs



Eurozone bond supply/redemption quarterly

Exhibit 10: Euro-area government bond auctions (incl. fixed coupons, IL, CTZ, CCT), coupons and redemptions (only EUR) for Q1 2024 Flows through the quarter

uctions	Date	Ctry	Amt	Sector(s)		Date	Country	Amount	Тур
Wk 1	3-Jan	GE	4.5	BKO 3.1% 12/25	Wk 1	1-Jan	IT	0.3	C
	4-Jan	FR	9.5-11.5(e)	>8y OAT		4-Jan	GE	4.8	C
	4-Jan	SP	5.5-6.5(e)	SPGB/SPGB€I		4-Jan	GE	12.8	F
Wk 2	9-Jan	AS	1.0-2.0(e)	RAGB					
	9-Jan	NE	2.0-2.5	DSL 2.5% 01/30					
	10-Jan	GE	5.0	DBR 2/34					
	10-Jan	PO	0.75-1.25(e)	PGB (potential auction)					
	11-Jan	IT	7.0-9.0(e)	3y BTPS, 7y BTPS, >10y BTPS					
Wk3	16-Jan	GE	4.0	OBL 4/29	Wk3	15-Jan	IT	0.7	(
	17-Jan	GE	1.0	DBR 0% 8/52		15-Jan	NE	3.3	(
	17-Jan	GE	1.0	DBR 30y		15-Jan	IT	14.4	
	17-Jan	GR	0.1-0.3(e)	GGB		15-Jan	NE	15.4	
	18-Jan	FR	9.5-11.5(e)	2-8y OAT/OAT€					
	18-Jan	SP	5.5-6.5(e)	SPGB					
Wk 4	23-Jan	GE	1.5-2.0(e)	Green Bond	Wk 4	26-Jan	AS	0.2	(
	23-Jan	NE	1.5-2.5(e)	DSL					
	24-Jan	GE	1.5	DBR 1% 5/38					
	24-Jan	GE	1.00	DBR					
	24-Jan	PO	0.75-1.25(e)	PGB (potential auction)					
	25-Jan	IT	3.0-5.0(e)	BTPShort, BTP€I					
Wk 5	29-Jan	BE	2.0-3.0(e)	BGB	Wk 5	30-Jan	GR	1.0	
	30-Jan	GE	5.0	BKO 3/26		30-Jan	IT	14.9	
	30-Jan	IT	7.0-9.0(e)	5y BTPS, 10y BTPS, CCTeu		31-Jan	SP	3.4	
	31-Jan	GE	4.5	DBR 2/34		31-Jan	SP	17.6	
		Total Jan	up to €84.1-101.3(e)				Total Jan	€ 88.6	
		10tai jaii	up to co iii 101.5(c)				1 otal jail		
Wk 5	1-Feb	FR	9.5-11.5(e)	>8y OAT	Wk 5	1-Feb	IT	3.8	
Wk 5	1-Feb 1-Feb			>8y OAT SPGB/SPGB€I	Wk 5	1-Feb 1-Feb			
Wk 5		FR	9.5-11.5(e)		Wk 5		IT	3.8	
	1-Feb 2-Feb	FR SP BE	9.5-11.5(e) 5.5-6.5(e) 0.5(e)	SPGB/SPGB€I			IT	3.8	
Wk 5	1-Feb 2-Feb 6-Feb	FR SP BE AS	9.5-11.5(e) 5.5-6.5(e) 0.5(e) 1.0-2.0(e)	SPGB/SPGB€I ORI Facility RAGB	Wk 5		IT	3.8	
	1-Feb 2-Feb	FR SP BE AS NE	9.5-11.5(e) 5.5-6.5(e) 0.5(e) 1.0-2.0(e) 4.0-6.0	SPGB/SPGB€I ORI Facility RAGB New 10y DSL			IT	3.8	
	1-Feb 2-Feb 6-Feb 6-Feb 7-Feb	FR SP BE AS NE GE	9.5-11.5(e) 5.5-6.5(e) 0.5(e) 1.0-2.0(e)	SPGB/SPGB€I ORI Facility RAGB New 10y DSL DBR 2.4% 11/30			IT	3.8	
Wk 6	1-Feb 2-Feb 6-Feb 6-Feb 7-Feb 8-Feb	FR SP BE AS NE GE FI	9.5-11.5(e) 5.5-6.5(e) 0.5(e) 1.0-2.0(e) 4.0-6.0 3.0 0.4	SPGB/SPGB€I ORI Facility RAGB New 10y DSL	Wk 6	1-Feb	IT IT	3.8 0.3	
	1-Feb 2-Feb 6-Feb 6-Feb 7-Feb 8-Feb	FR SP BE AS NE GE FI	9.5-11.5(e) 5.5-6.5(e) 0.5(e) 1.0-2.0(e) 4.0-6.0 3.0 0.4 4.0	SPGB/SPGB€I ORI Facility RAGB New 10y DSL DBR 2.4% 11/30 RFGB ORI OBL 4/29		1-Feb	IT IT	3.8 0.3	
Wk 6	1-Feb 2-Feb 6-Feb 6-Feb 7-Feb 8-Feb 13-Feb	FR SP BE AS NE GE FI GE	9.5-11.5(e) 5.5-6.5(e) 0.5(e) 1.0-2.0(e) 4.0-6.0 3.0 0.4 4.0 7.0-9.0(e)	SPGB/SPGBEI ORI Facility RAGB New 10y DSL DBR 2.4% 11/30 RFGB ORI OBL 4/29 3y BTPS, 7y BTPS, >10y BTPS	Wk 6	1-Feb 15-Feb 15-Feb	IT IT GE IT	3.8 0.3	
Wk 6	1-Feb 2-Feb 6-Feb 6-Feb 7-Feb 8-Feb 13-Feb 14-Feb	FR SP BE AS NE GE FI GE IT GE	9.5-11.5(e) 5.5-6.5(e) 0.5(e) 1.0-2.0(e) 4.0-6.0 3.0 0.4 4.0 7.0-9.0(e)	SPGB/SPGB€I ORI Facility RAGB New 10y DSL DBR 2.4% 11/30 RFGB ORI OBL 4/29 3y BTPS, 7y BTPS, >10y BTPS DBR 1.8% 8/53	Wk 6	1-Feb 15-Feb 15-Feb 15-Feb	IT IT GE IT PO	3.8 0.3 1.0 0.2 0.8	
Wk 6	1-Feb 2-Feb 6-Feb 6-Feb 7-Feb 8-Feb 13-Feb 14-Feb 14-Feb	FR SP BE AS NE GE FI GE IT GE GE	9.5-11.5(e) 5.5-6.5(e) 0.5(e) 1.0-2.0(e) 4.0-6.0 3.0 0.4 4.0 7.0-9.0(e) 1.0	SPGB/SPGB€I ORI Facility RAGB New 10y DSL DBR 2.4% 11/30 RFGB ORI OBL 4/29 3y BTPS, 7y BTPS, >10y BTPS DBR 1.8% 8/53 DBR 30y	Wk 6	1-Feb 15-Feb 15-Feb 15-Feb	IT IT GE IT PO GE	1.0 0.2 0.8 22.5	
Wk 6	1-Feb 2-Feb 6-Feb 6-Feb 7-Feb 8-Feb 13-Feb 14-Feb 14-Feb	FR SP BE AS NE GE FI GE IT GE GE PO	9.5-11.5(e) 5.5-6.5(e) 0.5(e) 1.0-2.0(e) 4.0-6.0 3.0 0.4 4.0 7.0-9.0(e) 1.0 0.75-1.25(e)	SPGB/SPGBEI ORI Facility RAGB New 10y DSL DBR 2.4% 11/30 RFGB ORI OBL 4/29 3y BTPS, 7y BTPS, >10y BTPS DBR 1.8% 8/53 DBR 30y PGB (potential auction)	Wk 6	15-Feb 15-Feb 15-Feb 15-Feb 15-Feb	IT IT GE IT PO GE IT	1.0 0.2 0.8 22.5 13.8	
Wk 6	1-Feb 2-Feb 6-Feb 6-Feb 7-Feb 8-Feb 13-Feb 14-Feb 14-Feb 14-Feb	FR SP BE AS NE GE FI GE IT GE GE PO GR	9.5-11.5(e) 5.5-6.5(e) 0.5(e) 1.0-2.0(e) 4.0-6.0 3.0 0.4 4.0 7.0-9.0(e) 1.0 0.75-1.25(e) 0.1-0.3(e)	SPGB/SPGBEI ORI Facility RAGB New 10y DSL DBR 2.4% 11/30 RFGB ORI OBL 4/29 3y BTPS, 7y BTPS, >10y BTPS DBR 1.8% 8/53 DBR 30y PGB (potential auction) GGB	Wk 6	1-Feb 15-Feb 15-Feb 15-Feb	IT IT GE IT PO GE	1.0 0.2 0.8 22.5	
Wk 6	1-Feb 2-Feb 6-Feb 6-Feb 7-Feb 8-Feb 13-Feb 14-Feb 14-Feb 14-Feb 14-Feb 15-Feb	FR SP BE AS NE GE FI GE IT GE GE PO GR FR	9.5-11.5(e) 5.5-6.5(e) 0.5(e) 1.0-2.0(e) 4.0-6.0 3.0 0.4 4.0 7.0-9.0(e) 1.0 0.75-1.25(e) 0.1-0.3(e) 9.5-11.5(e)	SPGB/SPGB€I ORI Facility RAGB New 10y DSL DBR 2.4% 11/30 RFGB ORI OBL 4/29 3y BTPS, 7y BTPS, >10y BTPS DBR 1.8% 8/53 DBR 30y PGB (potential auction) GGB 2-8y OAT/OAT€	Wk 6	15-Feb 15-Feb 15-Feb 15-Feb 15-Feb	IT IT GE IT PO GE IT	1.0 0.2 0.8 22.5 13.8	
Wk 6	1-Feb 2-Feb 6-Feb 6-Feb 7-Feb 8-Feb 13-Feb 14-Feb 14-Feb 14-Feb 14-Feb 15-Feb	FR SP BE AS NE GE FI GE IT GE GE PO GR FR SP	9.5-11.5(e) 5.5-6.5(e) 0.5(e) 1.0-2.0(e) 4.0-6.0 3.0 0.4 4.0 7.0-9.0(e) 1.0 0.75-1.25(e) 0.1-0.3(e) 9.5-11.5(e) 5.5-6.5(e)	SPGB/SPGB€I ORI Facility RAGB New 10y DSL DBR 2.4% 11/30 RFGB ORI OBL 4/29 3y BTPS, 7y BTPS, >10y BTPS DBR 1.8% 8/53 DBR 30y PGB (potential auction) GGB 2-8y OAT/OAT€ SPGB	Wk 6	15-Feb 15-Feb 15-Feb 15-Feb 15-Feb 15-Feb	IT IT GE IT PO GE IT PO	1.0 0.2 0.8 22.5 13.8 6.0	
Wk 6	1-Feb 2-Feb 6-Feb 6-Feb 7-Feb 8-Feb 13-Feb 14-Feb 14-Feb 14-Feb 14-Feb 15-Feb 20-Feb	FR SP BE AS NE GE FI GE IT GE GE PO GR FR SP	9.5-11.5(e) 5.5-6.5(e) 0.5(e) 1.0-2.0(e) 4.0-6.0 3.0 0.4 4.0 7.0-9.0(e) 1.0 0.75-1.25(e) 0.1-0.3(e) 9.5-11.5(e) 5.5-6.5(e) 1.0-1.5	SPGB/SPGB€I ORI Facility RAGB New 10y DSL DBR 2.4% 11/30 RFGB ORI OBL 4/29 3y BTPS, 7y BTPS, >10y BTPS DBR 1.8% 8/53 DBR 30y PGB (potential auction) GGB 2-8y OAT/OAT€ SPGB RFGB	Wk 6	15-Feb 15-Feb 15-Feb 15-Feb 15-Feb 15-Feb	IT IT GE IT PO GE IT PO	1.0 0.2 0.8 22.5 13.8 6.0	
Wk 6	1-Feb 2-Feb 6-Feb 6-Feb 7-Feb 8-Feb 13-Feb 14-Feb 14-Feb 14-Feb 15-Feb 15-Feb 20-Feb	FR SP BE AS NE GE FI GE IT GE GE PO GR FR SP FI GE	9.5-11.5(e) 5.5-6.5(e) 0.5(e) 1.0-2.0(e) 4.0-6.0 3.0 0.4 4.0 7.0-9.0(e) 1.0 0.75-1.25(e) 0.1-0.3(e) 9.5-11.5(e) 5.5-6.5(e) 1.0-1.5 5.0	SPGB/SPGB€I ORI Facility RAGB New 10y DSL DBR 2.4% 11/30 RFGB ORI OBL 4/29 3y BTPS, 7y BTPS, >10y BTPS DBR 1.8% 8/53 DBR 30y PGB (potential auction) GGB 2-8y OAT/OAT€ SPGB RFGB BKO 3/26	Wk 6	15-Feb 15-Feb 15-Feb 15-Feb 15-Feb 15-Feb	IT IT GE IT PO GE IT PO	1.0 0.2 0.8 22.5 13.8 6.0	
Wk 6	1-Feb 2-Feb 6-Feb 6-Feb 7-Feb 8-Feb 13-Feb 14-Feb 14-Feb 14-Feb 15-Feb 15-Feb 20-Feb 21-Feb	FR SP BE AS NE GE FI GE GF FO GR FR SP FI GE GE GE	9.5-11.5(e) 5.5-6.5(e) 0.5(e) 1.0-2.0(e) 4.0-6.0 3.0 0.4 4.0 7.0-9.0(e) 1.0 0.75-1.25(e) 0.1-0.3(e) 9.5-11.5(e) 5.5-6.5(e) 1.0-1.5 5.0 4.5	SPGB/SPGB€I ORI Facility RAGB New 10y DSL DBR 2.4% 11/30 RFGB ORI OBL 4/29 3y BTPS, 7y BTPS, >10y BTPS DBR 1.8% 8/53 DBR 30y PGB (potential auction) GGB 2-8y OAT/OAT€ SPGB RFGB BKO 3/26 DBR 2/34	Wk 6	15-Feb 15-Feb 15-Feb 15-Feb 15-Feb 15-Feb	IT IT GE IT PO GE IT PO	1.0 0.2 0.8 22.5 13.8 6.0	
Wk 6 Wk 7	1-Feb 2-Feb 6-Feb 7-Feb 8-Feb 13-Feb 14-Feb 14-Feb 14-Feb 15-Feb 20-Feb 20-Feb 21-Feb	FR SP BE AS NE GE FI GE GE FR SP FI GE GE FI GE FI FI GE	9.5-11.5(e) 5.5-6.5(e) 0.5(e) 1.0-2.0(e) 4.0-6.0 3.0 0.4 4.0 7.0-9.0(e) 1.0 0.75-1.25(e) 0.1-0.3(e) 9.5-11.5(e) 5.5-6.5(e) 1.0-1.5 5.0 4.5 3.0-5.0(e)	SPGB/SPGB€I ORI Facility RAGB New 10y DSL DBR 2.4% 11/30 RFGB ORI OBL 4/29 3y BTPS, 7y BTPS, >10y BTPS DBR 1.8% 8/53 DBR 30y PGB (potential auction) GGB 2-8y OAT/OAT€ SPGB RFGB BKO 3/26 DBR 2/34 BTPShort, BTP€I	Wk 6 Wk 7	15-Feb 15-Feb 15-Feb 15-Feb 15-Feb 15-Feb 20-Feb	GE IT PO GE IT PO IR AS	1.0 0.2 0.8 22.5 13.8 6.0	
Wk 6	1-Feb 2-Feb 6-Feb 7-Feb 8-Feb 13-Feb 14-Feb 14-Feb 14-Feb 15-Feb 20-Feb 20-Feb 21-Feb 23-Feb	FR SP BE AS NE GE FI GE IT GE GE PO GR FR SP FI GE GE IT GE	9.5-11.5(e) 5.5-6.5(e) 0.5(e) 1.0-2.0(e) 4.0-6.0 3.0 0.4 4.0 7.0-9.0(e) 1.0 0.75-1.25(e) 0.1-0.3(e) 9.5-11.5(e) 5.5-6.5(e) 1.0-1.5 5.0 4.5 3.0-5.0(e) 1.5-2.0(e)	SPGB/SPGB€I ORI Facility RAGB New 10y DSL DBR 2.4% 11/30 RFGB ORI OBL 4/29 3y BTPS, 7y BTPS, >10y BTPS DBR 1.8% 8/53 DBR 30y PGB (potential auction) GGB 2-8y OAT/OAT€ SPGB RFGB BKO 3/26 DBR 2/34 BTPShort, BTP€I Green Bond	Wk 6	15-Feb 15-Feb 15-Feb 15-Feb 15-Feb 15-Feb 20-Feb	GE IT PO GE IT PO IR AS	1.0 0.2 0.8 22.5 13.8 6.0	
Wk 6 Wk 7	1-Feb 2-Feb 6-Feb 6-Feb 7-Feb 8-Feb 13-Feb 14-Feb 14-Feb 14-Feb 15-Feb 20-Feb 20-Feb 21-Feb 23-Feb 27-Feb	FR SP BE AS NE GE FI GE IT GE PO GR FR SP FI GE GE IT GE NE	9.5-11.5(e) 5.5-6.5(e) 0.5(e) 1.0-2.0(e) 4.0-6.0 3.0 0.4 4.0 7.0-9.0(e) 1.0 0.75-1.25(e) 0.1-0.3(e) 9.5-11.5(e) 5.5-6.5(e) 1.0-1.5 5.0 4.5 3.0-5.0(e) 1.5-2.0(e) 1.5-2.5(e)	SPGB/SPGB€I ORI Facility RAGB New 10y DSL DBR 2.4% 11/30 RFGB ORI OBL 4/29 3y BTPS, 7y BTPS, >10y BTPS DBR 1.8% 8/53 DBR 30y PGB (potential auction) GGB 2-8y OAT/OAT€ SPGB BKO 3/26 DBR 2/34 BTPShort, BTP€I Green Bond Green DSL 3.25% 01/44	Wk 6 Wk 7	15-Feb 15-Feb 15-Feb 15-Feb 15-Feb 15-Feb 20-Feb	GE IT PO GE IT PO IR AS	1.0 0.2 0.8 22.5 13.8 6.0	
Wk 7	1-Feb 2-Feb 6-Feb 6-Feb 7-Feb 8-Feb 13-Feb 14-Feb 14-Feb 14-Feb 15-Feb 20-Feb 21-Feb 23-Feb 27-Feb 28-Feb	FR SP BE AS NE GE FI GE IT GE PO GR FR SP FI GE IT GE IT GE GE FI GE GE IT GE	9.5-11.5(e) 5.5-6.5(e) 0.5(e) 1.0-2.0(e) 4.0-6.0 3.0 0.4 4.0 7.0-9.0(e) 1.0 0.75-1.25(e) 0.1-0.3(e) 9.5-11.5(e) 5.5-6.5(e) 1.0-1.5 5.0 4.5 3.0-5.0(e) 1.5-2.0(e) 1.5-2.5(e) 1.0	SPGB/SPGB€I ORI Facility RAGB New 10y DSL DBR 2.4% 11/30 RFGB ORI OBL 4/29 3y BTPS, 7y BTPS, >10y BTPS DBR 1.8% 8/53 DBR 30y PGB (potential auction) GGB 2-8y OAT/OAT€ SPGB RFGB BKO 3/26 DBR 2/34 BTPShort, BTP€I Green Bond Green DSL 3.25% 01/44 DBR 1% 5/38	Wk 6 Wk 7	15-Feb 15-Feb 15-Feb 15-Feb 15-Feb 15-Feb 20-Feb	GE IT PO GE IT PO IR AS	1.0 0.2 0.8 22.5 13.8 6.0	
Wk 7	1-Feb 2-Feb 6-Feb 6-Feb 7-Feb 8-Feb 13-Feb 14-Feb 14-Feb 14-Feb 15-Feb 20-Feb 20-Feb 21-Feb 23-Feb 27-Feb	FR SP BE AS NE GE FI GE IT GE PO GR FR SP FI GE GE IT GE NE	9.5-11.5(e) 5.5-6.5(e) 0.5(e) 1.0-2.0(e) 4.0-6.0 3.0 0.4 4.0 7.0-9.0(e) 1.0 0.75-1.25(e) 0.1-0.3(e) 9.5-11.5(e) 5.5-6.5(e) 1.0-1.5 5.0 4.5 3.0-5.0(e) 1.5-2.0(e) 1.5-2.5(e)	SPGB/SPGB€I ORI Facility RAGB New 10y DSL DBR 2.4% 11/30 RFGB ORI OBL 4/29 3y BTPS, 7y BTPS, >10y BTPS DBR 1.8% 8/53 DBR 30y PGB (potential auction) GGB 2-8y OAT/OAT€ SPGB BKO 3/26 DBR 2/34 BTPShort, BTP€I Green Bond Green DSL 3.25% 01/44	Wk 6 Wk 7	15-Feb 15-Feb 15-Feb 15-Feb 15-Feb 15-Feb 20-Feb	GE IT PO GE IT PO IR AS	1.0 0.2 0.8 22.5 13.8 6.0	



Exhibit 10: Euro-area government bond auctions (incl. fixed coupons, IL, CTZ, CCT), coupons and redemptions (only EUR) for Q1 2024 Flows through the quarter

Auctions	Date	Ctry	Amt	Sector(s)		Date	Country	Amount	Туре
		Total Feb	up to €81.0-100.2(e)				Total Feb	€ 80.4	
Wk 9	1-Mar	BE	0.5(e)	ORI Facility	Wk 9	1-Mar	IT	7.9	С
						1-Mar	IT	22.1	R
Wk 10	5-Mar	AS	1.0-2.0(e)	RAGB	Wk 10				
	5-Mar	GE	4.0	OBL 4/29					
	7-Mar	FR	9.5-11.5(e)	>8y OAT					
	7-Mar	SP	5.5-6.5(e)	SPGB/SPGB€I					
Wk 11	12-Mar	GE	4.5	BKO 3/26	Wk 11	12-Mar	GR	0.2	С
	12-Mar	NE	1.5-2.5(e)	DSL		13-Mar	IR	0.6	C
	13-Mar	GE	4.5	DBR 2/34		15-Mar	AS	1.1	C
	13-Mar	IT	7.0-9.0(e)	3y BTPS, 7y BTPS, >10y BTPS		15-Mar	IT	1.2	C
	13-Mar	PO	0.75-1.25(e)	PGB (potential auction)		15-Mar	GE	19.5	R
Wk 12	18-Mar	BE	2.0-3.0(e)	BGB	Wk 12	18-Mar	IR	0.4	С
	19-Mar	FI	1.0-1.5	RFGB		18-Mar	IR	8.0	R
	20-Mar	GE	1.0	DBR 0% 8/52		20-Mar	GR	0.3	C
	20-Mar	GR	0.1-0.3(e)	GGB		20-Mar	GR	1.3	R
	21-Mar	FR	9.5-11.5(e)	2-8y OAT/OAT€					
	21-Mar	SP	5.5-6.5(e)	SPGB					
	22-Mar	IT	3.0-5.0(e)	BTPShort, BTP€I					
Wk 13	26-Mar	GE	1.5-2.0(e)	Green Bond	Wk 13	25-Mar	FR	34.0	R
	26-Mar	NE	1.5-2.5(e)	DSL		28-Mar	BE	3.8	C
	27-Mar	GE	3.0	DBR 2.4% 11/30					
	27-Mar	IT	7.0-9.0(e)	5y BTPS, 10y BTPS, CCTeu					
	27-Mar	РО	0.75-1.25(e)	PGB (potential auction)					
		Total Mar	up to €74.6-92.8(e)				Total Mar	€ 100.5	

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 11: Common acronyms/abbreviations used in our reports

This list is subject to change

Acronym/Abbreviation	Definition	Acronym/Abbreviation	Definition
1H	First Half	lT IT	Italy
2H	Second Half	Jan	January
1Q	First Quarter	Jul	July
2Q	Second Quarter	Jun	June
3Q	Third Quarter	lhs	left-hand side
4Q	Fourth Quarter	m	month
ann	annualized	MA	Moving Average
APP	Asset Purchase Programme	Mar	March
Apr	April	MBM	Meeting-by-meeting
AS	Austria	mom	month-on-month
Aug	August	Mon	Monday
BdF	Banque de France (Bank of France)	MPC	Monetary Policy Committee
BE	Belgium	MWh	Megawatt-hour
BEA	Bureau of Economic Analysis	NGEU	NextGenerationEU
BLS	Bank Lending Survey	NE	Netherlands
BoE	Bank of England	Nov	November
BofA	Bank of America	NRRP	National Recovery and Resilience Plan
Bol	Banca d'Italia (Bank of Italy)	NSA	Non-seasonally Adjusted
BoJ	Bank of Japan	OAT	Obligations assimilables du Trésor
BoS	Banco de España (Bank of Spain)	OBR	Office for Budget Responsibility
bp	basis point	Oct	October
BTP	Buoni Poliennali del Tesoro	OECD	Organisation for Economic Co-operation and Development
Buba	Bundesbank	ONS	Office for National Statistics
C	circa	р	preliminary/flash print
CA	Current Account	PBoC	People's Bank of China

Exhibit 11: Common acronyms/abbreviations used in our reportsThis list is subject to change

Acronym/Abbreviation	Definition	Acronym/Abbreviation	Definition
CPI	Consumer Price Index	PEPP	Pandemic Emergency Purchase Programme
CSPP	Corporate Sector Purchase Programme	PMI	Purchasing Managers' Index
d	day	PSPP	Public Sector Purchase Programme
GE	Germany	PT	Portugal
Dec	December	QE	Quantitative Easing
DS	Debt sustainability	qoq	quarter-on-quarter
EA	Euro area	QT	Quantitative Tightening
EC	European Commission	RBA	Reserve Bank of Australia
ECB	European Central Bank	RBNZ	Reserve Bank of New Zealand
ECJ	European Court of Justice	rhs	right-hand side
EFSF	European Financial Stability Facility	RPI	Retail Price Index
EGB	European Government Bond	RRF	Recovery and Resilience Facility
EIB	European Investment Bank	SA	Seasonally Adjusted
EMOT	Economic Mood Tracker	SAFE	Survey on the access to finance of enterprises
EP	European Parliament	Sat	Saturday
SP	Spain	Sep	September
ESI	Economic Sentiment Indicator	SMA	Survey of Monetary Analysts
ESM	European Stability Mechanism	SNB	Swiss National Bank
EU	European Union	SPF	Survey of Professional Forecasters
f	final print	Sun	Sunday
Feb	February	SURE	Support to mitigate Unemployment Risks in an Emergency
Fed	Federal Reserve	S&P	Standard & Poor's
FR	France	Thu	Thursday
Fri	Friday	TLTRO	Targeted Longer-term Refinancing Operations
GC	Governing Council	TPI	Transmission Protection Instrument
GDP	Gross Domestic Product	TTF	Title Transfer Facility
GNI	Gross National Income	Tue	Tuesday
GR	Greece	UK	United Kingdom
HICP	Harmonised Index of Consumer Prices	US	United States
HMT	His Majesty's Treasury	WDA	Work-day Adjusted
IMF	International Monetary Fund	Wed	Wednesday
INSEE	National Institute of Statistics and Economic Studies	у	year
IP	Industrial Production	yoy	year-on-year
IR	Ireland	ytd	year-to-date
PCA	Principal Component Analysis	EGB	Eurozone Governmeny Bond
ORI	Optional Reverse Inquiry	C&R	Coupons and redemptions
DV01	Dollar Value of one basis points change		

Source: BofA Global Research



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