

# European Rates Supply Preview: Week ahead

## High issuance, skewed towards Italy

### EGBs: EU, Germany, Italy and the Netherlands

**Gross EGB auctions volume increases further to c.€28.25bn with Germany, Italy, the Netherlands (+ the EU) in the market.** There are no significant R&C flows with only Italy and France repaying c.€1.2bn in coupons during the week.

**On Monday, the EU taps the EU Jul34 for €2.5bn and Mar53 up to €1.5bn.**

**On Tuesday, 1) Germany taps the OBL Oct28 for €4bn; 2) Italy taps the BTPShort for up to €3bn, BTP€1 May29 and Mar41 for up to €1.75bn; 3) the Netherlands taps the DSL Jul33.** We await Finanzagentur's Q4 funding update on Tuesday where we see risks of another round of supply cuts (the Dutch DSTA did something similar today, cutting targets by EUR5bn). We expect supply in DV01 terms after netting for reinvestment flows to pressure EGBs higher until mid October.

**On Wednesday, Germany taps the DBR Aug33 for €4bn.**

**On Thursday, Italy runs an auction for 5y, 10y BTPS and CCTeu (details TBA).**

#### Exhibit 3: EGB spread residuals (in bp) according to PCA RV (cheap = positive residual)

Rich Spanish 10y vs Belgian 5y and Spanish long-end

	2y	5y	7y	10y	15y	25y
Austria	-0.3	1.8	-0.2	-1.3	-0.9	1.3
Netherlands	-1.6	1.2	0.3	-0.2	0.5	0.8
Belgium	-2.7	2.6	1.0	-0.8	-1.5	0.6
France	-1.2	1.6	0.8	-0.7	-2.2	0.3
Italy	-0.3	1.9	-0.2	-2.1	0.1	0.9
Spain	-0.4	0.2	-1.5	-2.7	1.3	3.1
Portugal	0.4	1.3	0.1	-0.7	0.8	-1.6

**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, AS and GR

On Monday, 1) **France** offers two 3m lines, 6m and 12m lines for €7bn; 2) **Germany** offers the 3m line for €2bn and the 12m line for €3bn; On Tuesday, **Austria** taps the 3m and 6m lines for for €1bn each. On Wednesday, Greece offers the 6m line for €625mln.

### UK: Green UKT Jul33 and UKT Oct73

In the UK, the DMO taps the Green UKT Jul33 for £3bn and UKT Oct73 for £750mln.

### US: 2y FRN and 2y, 5y, 7y Notes

In the US, the Treasury taps the 2y FRN for \$25bn and issues the new 2y Note for \$48bn, the 5y Note for \$49bn, 7y Note for \$37bn.

For a complete list of our open trade ideas and risks, see latest [Global Rates Weekly](#).

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Refer to important disclosures on page 8 to 10.

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Rates Research  
Europe

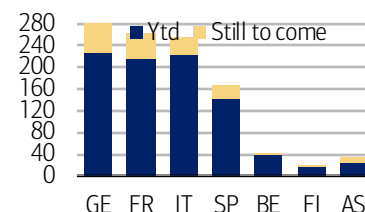
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#### Exhibit 1: Euro fixed coupon bond issuance, ytd vs. our estimates for the rest of 2023

Year to date versus expected 2023 target

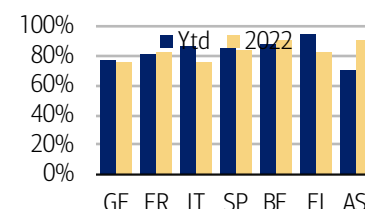


BofA Global Research Note that this is only an indication of issuance evolution in the EUR FIXED COUPON market. It does not incorporate the funding through inflation linked bonds, CTZs and CCTs

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

82% 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

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## 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 significant gross supply leading to a positive net supply of €27.05bn

	Europe													
	Date	Settle	Country	Sector	Amount (bn)	Bond	Type	Date	Country	Amt (bn)			Type	
Europe	25-Sep	27-Sep	EU	11y	2.5	EU 3.25% 07/34	Tap	24-Sep	FR	3y	0.9	FRTR 2.5% 09/26	C	
	25-Sep	27-Sep	EU	29y	1.5	EU 3% 03/53	Tap	28-Sep	IT	2-3y	0.3	BTPS/ Italy Float	C	
	26-Sep	27-Sep	GE	5y	4.0	OBL 2.4% 10/28	Tap							
	26-Sep	28-Sep	IT	2y	2.5-3.0	BTPShort 3.6% 09/25	Tap							
	26-Sep	28-Sep	IT	5y		BTPEI 1.5% 05/29	Tap							
	26-Sep	28-Sep	IT	18y	1.25-1.75	BTPEI 2.55% 03/41	Tap							
	26-Sep	28-Sep	NE	10y	1.5-2.5	DSL 2.5% 07/33	Tap							
	27-Sep	29-Sep	GE	10y	4.0	DBR 2.6% 08/33	Tap							
	28-Sep	02-Oct	IT	TBA on 25-Sep	7.0-9.0(e)	5y BTPS, 10y BTPS, CCTeu	TBA on 25-Sep							
							<b>Total week</b>							<b>€1.2</b>
Europe	02-Oct-06-Oct		IT	5y	10.0-15.0	BTP Valore 10/28	Syndication	01-Oct	IT	-	16.0	BTPS 2.45% 10/23	R	
	03-Oct	10-Oct	AS	TBA	2.0	RAGB	TBA	01-Oct	IT	0-30y	1.1	BTPS	C	
	04-Oct	06-Oct	GE	7y	3.0	DBR 2.40% 11/30	Tap							
	05-Oct	09-Oct	FR	TBA on 29-Sep	10.0-11.0(e)	>8y OAT	TBA on 29-Sep							
	05-Oct	09-Oct	SP	TBA on 29-Sep	5.5-6.5	SPGB/SPGBEI	TBA on 29-Sep							
							<b>Total week</b>							<b>€17.1</b>
UK	26-Sep	27-Sep	UK	10y	3.0	Green UKT 0.875% 07/33	Tap							
	27-Sep	28-Sep	UK	50y	0.75	UKT 1.125% 10/73	Tap							
							<b>Total week</b>							<b>£3.75</b>
	03-Oct	04-Oct	UK	30y	TBA	Green UKT 1.5% 07/53	Tap							
	04-Oct	05-Oct	UK	2y	TBA	3.5% UKT 10/25	Tap							
							<b>Total week</b>							<b>£0.0</b>
US	26-Sep	02-Oct	US	2y	48.0	T	New	30-Sep	US	-	38.0	T	R	
	27-Sep	29-Sep	US	2y	24.0	FRN	Tap	30-Sep	US	-	67.2	T	R	
	27-Sep	02-Oct	US	5y	49.0	T	New	30-Sep	US	-	29.7	T	R	
	28-Sep	02-Oct	US	7y	37.0	T	New	30-Sep	US	0-6y	12.5	T	C	
							<b>Total week</b>							<b>\$158.0</b>
							<b>Total week</b>							<b>\$0.0</b>
US	30-Sep		US					30-Sep	US	-	38.0	T	R	
	30-Sep		US					30-Sep	US	-	67.2	T	R	
	30-Sep		US					30-Sep	US	-	29.7	T	R	
	30-Sep		US					30-Sep	US	0-6y	12.5	T	C	
							<b>Total week</b>							<b>\$147.5</b>
							<b>Total week</b>							<b>\$0.0</b>

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

Source: Treasuries, BofA Global Research.

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### 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 39	25-Sep	FR	0.1-0.5	3m	13-Dec-23
	25-Sep	FR	2.3-2.7	3m	20-Dec-23
	25-Sep	FR	1.9-2.2	6m	06-Mar-24
	25-Sep	FR	1.2-1.6	12m	04-Sep-24
	25-Sep	GE	2.0	3m	21-Feb-24
	25-Sep	GE	3.0	12m	21-Aug-24
	26-Sep	AS	1.0	3m	25-Jan-24
	26-Sep	AS	1.0	6m	25-Apr-24
	27-Sep	GR	0.625	6m	29-Mar-24

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 France

	EZ total	AS	BE	FI	FR***	GE	GR*	CY	IR	IT**	NE	PO	SP
Issued week 19 Sep	21.3	-	2.3	1.5	11.0	-	0.2		-	-	-	-	6.3
Issued YTD, Gross	946.9	23.9	37.1	17.1	215.5	226.1	9.4		7.0	222.3	35.5	11.8	141.2
As% of 2023	82%	71%	88%	95%	82%	77%			100%	87%	71%	83%	85%
Difference vs 22	2%	-20%	-3%	12%	-1%	1%			0%	11%	-2%	-8%	2%
Gross supply left	208.2	9.9	5.0	0.9	48.5	68.9	0.7		-	32.7	14.5	2.4	24.8
Redemptions (bn) **	204.6	12.1	8.5	-	44.9	36.5			-	66.7	-	9.4	26.5
Net supply left	3.6	-2.2	-3.5	0.9	3.5	32.4	0.7		-	-34.0	14.5	-7.0	-1.8

**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. Changes of funding pace is due to EUR FIXED COUPON bonds target revision.

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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	42	18	264	295	10	7	255	50	14	166	1155
Change versus 2022	1	-2	0	4	73	4	0	24	6	2	21	132
Other Bonds (EUR linkers/floating/zero cpn) (2)	0	0	0	26	5	0	0	56	0	0	7	94
Gross Bond Issuance (3) = (1)+(2)	34	42	18	290	300	10	7	311	50	14	173	1249
Change versus 2022	1	-2	0	4	71	-1	0	40	6	2	22	142
Total Redemptions* (4)	28	21	11	156	189	5	7	266	30	10	92	815
Net Bond issuance (*inc. Buybacks)	6	21	7	134	111	5	0	45	20	4	81	434
Change versus 2022	-1	5	0	11	50	-1	5	4	7	0	-2	77
Net Bill issuance (6)	6	1	1	3	32	1	0	0	4	4	-5	47
Net Total (5)+(6)	12	22	8	138	143	6	0	45	24	8	76	482

**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	3	2	0	0	42
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	109	91	81	27	1249

**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

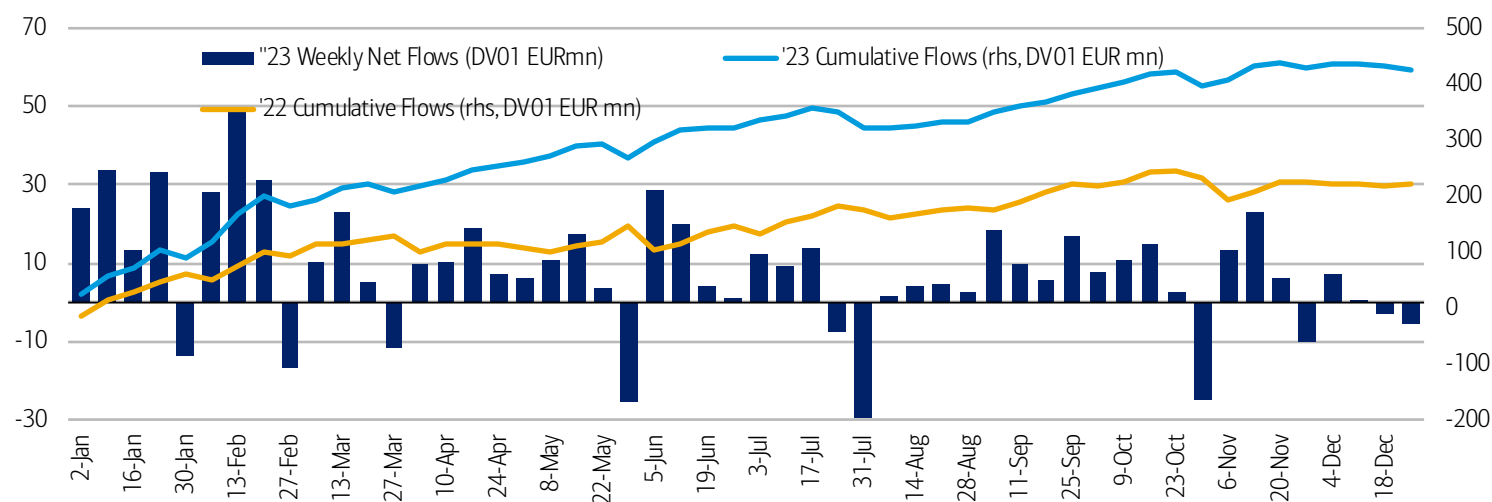
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2023
Austria	6	2	1	1	2	1	-6	1	6	-8	2	2	10
Belgium	7	6	2	5	4	-9	3	3	3	-5	0	0	19
Finland	4	0	2	1	1	2	0	3	-4	0	0	0	10
France	27	19	9	6	-23	28	4	19	31	-16	15	4	123
Germany	26	12	14	-2	8	11	21	9	12	12	29	-4	148
Greece	-2	0	2	0	0	0	2	0	0	1	0	0	3
Ireland	4	0	-6	0	0	1	0	0	1	0	0	0	0
Italy	14	27	-1	28	-7	19	15	-22	-9	-13	-13	-2	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	5	16	-9	0	3	71
<b>Total</b>	<b>81</b>	<b>95</b>	<b>42</b>	<b>57</b>	<b>-18</b>	<b>81</b>	<b>18</b>	<b>20</b>	<b>65</b>	<b>-41</b>	<b>41</b>	<b>3</b>	<b>446</b>

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



Source: ECB, Treasuries, Own calcs

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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	Type	
Syndication	Sep-Oct	AS	3.0-5.0	TBA					
	Sep-Oct	SP	4.0-6.0	TBA					
	Oct	IT	10.0-15.0	5y BTP Valore					
	OCt	NE	4.0-5.0	20y Green DSL					
Wk 26					Wk 26	1-Jul	IT	0.3	C
Wk 27	6-Jul	AS	1.0-2.0(e)	RAGB	Wk 27	4-Jul	FI	0.5	C
	6-Jul	FR	1--11.0(e)	>8y OAT		4-Jul	GE	5.9	C
	6-Jul	SP	5.5-6.5(e)	SPGB/SPGBEi					
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	IT	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	C
	19-Jul	GR	0.2-0.3(e)	GGB		21-Jul	PO	0.4	C
	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	R
	25-Jul	IT	3.0-5.0(e)	BTPShort, BTP€i		25-Jul	FR	2.6	C
	26-Jul	GE	4.0	DBR 11/30					
	27-Jul	IT	7.0-9.0(e)	5y BTPS, 10y BTPS, CCTeu					
Wk 31					Wk 31	30-Jul	SP	9.2	C
						31-Jul	SP	21.2	R
						31-Jul	IT	0.3	C
Total Jul		up to €76.4-90.1(e)			Total Jul		€ 105.4		
Wk 31	3-Aug	FR	1--11.0(e)	>8y OAT	Wk 31	1-Aug	IT	20.5	R
	3-Aug	SP	5.5-6.5(e)	SPGB/SPGBEi		1-Aug	IT	4.1	C
	4-Aug	BE	0.5-0.7(e)	ORI Facility					
Wk 32	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	R
	16-Aug	GE	1.5	DBR 0% 08/52		15-Aug	IT	16.0	R
	17-Aug	FI	0.4(e)	RFGB ORI		15-Aug	GE	3.4	C
	17-Aug	FR	12.0-14.0(e)	2-8y OAT/OAT€i		15-Aug	IT	0.2	C
	17-Aug	SP	5.5-6.5(e)	SPGB					
Wk 34	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	IT	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	IT	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	1--11.0(e)	>8y OAT					
	7-Sep	SP	5.5-6.5(e)	SPGB/SPGBEi					
Wk 37	12-Sep	GE	5.5	BKO 09/25	Wk 37	14-Sep	IT	0.2	R
	12-Sep	NE	1.5-2.5(e)	DSL		14-Sep	IT	0.1	C
	13-Sep	IT	7.0-9.0(e)	3y BTPS, 7y BTPS, >10y BTPS		15-Sep	FI	5.8	R
	13-Sep	PO	0.75-1.25(e)	PGB (potential auction)		15-Sep	GE	16.0	R
	13-Sep	GE	1.5	DBR 1.80% 08/53		15-Sep	IT	24.8	R
	14-Sep	IR	1.0-2.0(e)	IRISH		15-Sep	FI	0.3	C
						15-Sep	IT	1.5	C
Wk 38	18-Sep	BE	2.0-3.0(e)	BGB	Wk 38	20-Sep	AS	0.1	C
	19-Sep	FI	1.0-1.5(e)	RFGB					
	20-Sep	GR	0.2-0.3(e)	GGB					
	21-Sep	FR	12.0-14.0(e)	2-8y OAT/OAT€i					
	21-Sep	SP	5.5-6.5(e)	SPGB					

**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	Type
<b>Wk 39</b>	26-Sep	GE	4.0	OBL 10/28	<b>Wk 26</b>	24-Sep	FR	0.6	C
	26-Sep	IT	3.0-5.0(e)	BTPShort, BTPeI		28-Sep	IT	0.3	C
	26-Sep	NE	1.5-2.5(e)	DSL 2.5% 07/33					
	27-Sep	GE	4.0	DBR 08/33					
	28-Sep	IT	7.0-9.0(e)	5y BTPS, 10y BTPS, CCTeu					
<b>Total Sep</b>			<b>up to €79.4-96.8(e)</b>		<b>Total Sep</b>			<b>€ 57.5</b>	

**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

Acronym/Abbreviation	Definition	Acronym/Abbreviation	Definition
1H	First Half	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
BoI	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	p	preliminary/flash print
CA	Current Account	PBoC	People's Bank of China
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	y	year
IP	Industrial Production	yoy	year-on-year
IR	Ireland	ytd	year-to-date
PCA	Principal Component Analysis	EGB	Eurozone Government 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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