

### **MNI Supply Daily**

#### 25 June 2025 - By Tim Davis and Moritz Arold

#### THIS WEEK

Italy is scheduled to a conventional auction on Friday while Finland is due to hold an ORI auction tomorrow. Already this week, the EU, Belgium and Germany have held auctions while Slovenia held a syndication. **We pencil in estimated gross issuance for the week of E29.2bln,** a little lower than the E30.7bln last week.

- The **EU** kicked off issuance for the week on Monday with an EU-bond auction to complete its H1 issuance. It sold a combined E5.352bln of the following: E1.798bln of the 2.875% Oct-29 EU-bond (ISIN: EU000A3L1CN4), E2.182 of the 3.375% Dec-35 EU-bond (ISIN: EU000A4D8KD2) and E1.372bln of the 0.70% Jul-51 EU-bond (ISIN: EU000A3KTGW6).
- **Belgium** also held a conventional auction on Monday, selling a combined E3.302bln (top of the target range) across three lines: E0.902bln of the 0.10% Jun-30 OLO (ISIN: BE0000349580), E1.075bln of the 3.10% Jun-35 OLO (ISIN: BE0000363722) and E1.325bln of the 0.40% Jun-40 OLO (ISIN: BE0000350596).
- Slovenia yesterday launched an inaugural 10-year EUR sustainability-linked bond maturing July 2035 in a syndicated transaction for E1bln WNG. Spread was set at MS+61bps (guidance was MS+70bps area, revised guidance MS+65 area).
- Germany came to the market yesterday, selling E4bln (E3.066bln allotted) of the 1.70% Jun-27 Schatz ISIN (DE000BU22098).
- Italy will come to the market today to hold a BTP Short Term / BTPei auction with new issues of both on offer. As expected we will see E2.5-3.0bln of the new 2.10% Aug-27 BTP Short Term (ISIN: IT0005657330). However, we had not expected a new 6-year BTPei to launch alongside it with E2.5-3.0bln of the new 1.10% Aug-31 BTPei (ISIN: IT0005657348) on offer.
- **Finland** will come to the market tomorrow to hold an ORI auction with up to E400mln on offer. Details are to be confirmed today.
- Italy will look to conclude issuance for the quarter on Friday with a 5/10-year BTP / CCTeu auction. On offer will be E1.25-1.5bln of the 5-year on-the-run 2.95% Jul-30 BTP (ISIN: IT0005637399) that was launched earlier this month via syndication alongside E1.25-1.5bln of the off-the-run 5-year 2.70% Oct-30 BTP (ISIN: IT0005654642). Also on offer will be E3.0-3.5bln of the on-the-run 10-year 3.60% Oct-35 BTP (ISIN: IT0005648149) and E1.5-2.0bln of the Apr-34 CCTeu (ISIN: IT0005652828) that was launched in last month's auction.

**NOMINAL FLOWS:** This week sees a E21.3bln redemption from a formerly 10-year Belgian OLO. Coupon payments for the week total E6.3bln of which E4.9bln are Belgian and E1.2bln are French. **This leaves estimated net flows for the week almost neutral, at a positive E1.6bn,** versus positive E26.8bln last week.

### NEXT WEEK (W/C 30 June)

Germany, Spain and France look to hold conventional auctions in the W/C 30 June, while Belgium is scheduled to hold an ORI auction. We pencil in estimated gross issuance for the week of E25.0bln.

- **Germany** will kick off issuance for the quarter on Wednesday 2 July with a E6bln auction to launch the new 10-year Aug-35 Bund ISIN (DE000BU2Z056). Note that the size of this auction was increased by E1bln from E5bln in the Q3 calendar update. The E6bln auction size is the largest for a non-Schatz German auction since 2011 (and the largest of any German auction since September 2023). This is also the only E6bln German auction scheduled for Q3. The coupon will be announced the preceding day.
- **Spain** will look to come to the market on Thursday 3 July to hold a Bono/Obli/ObliEi auction. We see a good chance that both the on-the-run 3-year 2.40% May-28 Bono (ISIN: ES0000012O59) and on-the-run 5-year 2.70% Jan-30 Bono (ISIN: ES0000012O00) are amongst the bonds on offer. The bonds on offer will be announced on Friday 27 June with the auction amount confirmed on Monday 30 June.
- France, also on Thursday 3 July will then look to hold an LT OAT auction. Details will be confirmed on Friday 27 June. We expect to see the 10-year on-the-run 3.20% May-35 OAT (ISIN: FR001400X8V5) on offer, potentially alongside the



long 15-year 3.60% May-42 OAT (ISIN: FR001400WYO4) that was launched via syndication in January and is yet to be reopened and at least one other OAT.

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• **Belgium** will look to conclude issuance for the week by holding an ORI auction on Friday 4 July with ORI Facility with details to be confirmed on Thursday 3 July.

**NOMINAL FLOWS:** The W/C 30 June sees a E40.7bln of redemptions: E16.4bln of a formerly 5- year BTP, E6.3bln of a formerly 15-year RFGB and E18.0bln of a formerly 3-year EU-bond (the first large EU-bond redemption since the EU stepped up issuance). Coupon payments for the week total E9.4bln of which E6.0bln are German, E1.5bln Italian, E1.2bln from the EU and E0.6bln are Finnish. **This leaves estimated net flows for the week at negative E25.1bn.** 

#### Q3 FUNDING PLAN UPDATES

- The **Netherlands** DSTA has confirmed an unchanged issuance plan with E88.9bln in 2025 across both capital markets and money markets combined with E40bln via DSLs.
  - A new 30-year JSL maturing 15 January 2056 will be issued via DDA on Tuesday 23 September with E4-5bln on offer. As usual the coupon will be announced on the preceding Friday (19 September) with the initial spread guidance on Monday 22 September.
  - An existing DSL auction will be held on 8 July with an additional optional auction on 9 September.
  - There will be shorter dates bill auctions at all six of the usual dates in the quarter but the longer-dated DTCs will be optional in the first three of these.
- The EU plans to issue E70bln of NGEU and Macro Financial Assistance+ bonds in H2-25 (conventional and green). This is at the lower end of our rough E70-90bln estimated range (but in line with the indicative E160bln announced at the start of the year). The EU had a E90bln target in H1, and we estimate had raised E85.8bln in nominal terms and E84.3bln in cash terms through its issuance operations in H1, so around E5bln under the target. The EU raised E64.2bln (nominal) / E63.5bln (cash) raised in H2-24.
  - There are 4 confirmed syndication weeks in H2-25 (6 in H1-25, 4 in H2-24) and 6 planned auction dates (7 in H1-25, 6 in H2-24).
  - "The maturities for the new lines will depend on market conditions and the intention to bring liquidity to the curve where needed (with a preliminary focus on 5y, 7y, 15y and 30y)".
  - Triple line EU-bond auctions will continue (as expected).
  - The EU has announced that second rounds for auctions (20% of initially allocated auction volume) will be introduced in the "autumn" with an indicative first auction of 22 September. Previously H2 was expected, so we thought that could have meant as soon as July, but the Commission has opted to start later this year (we suspect September/October).
  - o EU-bills will continue to be issued as triple-tranche auctions.
- **Germany** plans to issue an additional E15bln of bonds and E4bln in bills in Q3 following the infrastructure and military spending ramp-up in the country. Further increases for Q4 are "probable". As we expected there will be a new 7-year Bund with a maturity of Nov-32. In the press Q&A following the announcement, DFA mentioned that a "50-year bond not planned for this year but internal conditions have been created" (Reuters). For a full review of yesterday's budget and issuance announcements, see <u>here</u>.
  - 7-year Bund: E8bln (over half the increase): As we expected there will be a new 7-year Bund with a maturity of 15 November 2032 and ISIN DE000BU27014. This has two auctions in the quarter of E4bln each (in August and November). First auction on 27 August with a reopening on 24 September (both E4.0bln).
  - Schatz: E2bln increase: Reopenings increased to E5bln in August (from E4bln) with two September reopenings of E4.5bln rather than E4.0bln
  - 10-year Bund: E2.5bln increase: New issue increased to E6bln (from E5bln) with three reopenings of E5.0bln rather than E4.5bln
  - o 15-year: E2.0bln increase: Expanding to E2.5bln each
    - 9 July: E1.5bln of the 2.60% May-41 Bund (ISIN: DE000BU2F009) alongside E1bln of another issue.
    - 6 August: E1.5bln of the 1.00% May-38 Bund (ISIN: DE0001102598) alongside E1bln of another issue.
    - 10 September: E1.5bln of the 2.60% May-41 Bund (ISIN: DE000BU2F009) alongside E1bln of another issue.
  - o 30-year: E0.5bln increase for the July auction to E2.5bln

All Signal, No Noise

- 16 July: E1.5bln of the 2.90% Aug-56 Bund (ISIN: DE000BU2D012) alongside E1bln of another issue.
- 20 August: E1.5bln of the 2.50% Aug-54 Bund (ISIN: DE000BU2D004) alongside E1bln of another issue.
- 17 September: E1.5bln of the 2.90% Aug-56 Bund (ISIN: DE000BU2D012) alongside E1bln of another issue.

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- All of the E4bIn increase in bubill issuance will be made up by the reintroduction of 11-month Bubill auctions. Since the beginning of 2025 we haven't had regular 11-month Bubills auctions (outside of a launch auction in January due to there being no 12-month launch in December 2024). The 11-month Bubill auctions will be smaller than those generally seen last year with the July auction sized at E1.0bln and the August and September auctions at E1.5bln. This means that all of the extra bubill funding will mature next year, of course, so feed into the 2026 redemptions rather than 2025 redemptions.
- **Greece** has announced its auction calendar for H2-25 and has pencilled in four GGB auction dates (although note that in H1 it only conducted two of the planned six GGB auctions). It plans auctions on 16 July, 17 September, 15 October and 19 November. Note that the PDMA auctions are more akin to some other countries' ORI auctions in that they are seen as complementary to the funding programme and aimed at "facilitating the GGBs' secondary market operation."
- Italy released its Q3 issuance programme on Tuesday. The MEF notes that E172bln was issued between January and May with a further E51bln expected in June. This leaves E115-125bln of gross issuance expected for H2. E225-245bln of gross issuance expected for Q2-Q4. This equates to gross issuance of E338-348bln for 2025, broadly in line with the E332-352bln of gross issuance from a similar calculation a quarter ago and with the initial 2025 target of E330-350bln.
  - New issues expected in Q3 (up to 10-year):
    - 3-year BTP maturing 15 January 2029 (minimum outstanding E9bln, MNI expect a July launch).
    - 7-year BTP maturing 15 November 2032 (minimum outstanding E10bln, MNI expect a September launch).
    - 10-year BTP maturing 1 February 2036 (minimum outstanding E10bln, MNI expect a September launch).
  - Issues expected to be reopened in Q3 (up to 10-year):
    - 2.55% Feb-27 BTP Short Term (minimum E9bln outstanding already exceeded).
    - 5-year 2.95% Jul-30 BTP (minimum E10bln outstanding already exceeded).
    - 7-year 3.25% Jul-32 BTP (minimum outstanding E10bln, already exceeded)
    - 10-year 3.60% Oct-35 BTP (minimum outstanding E10bln)
- **Finland** will announce its Q3 funding plan on Friday 27 June. We pencil in either a 7-year or 15-year to be launched via syndication (and slightly favour the former) and look for the transaction in the penultimate week of August.
- **Portugal** will also announce its funding programme for Q3 towards the end of the quarter (usually one of the last working days).

### All Signal, No Noise

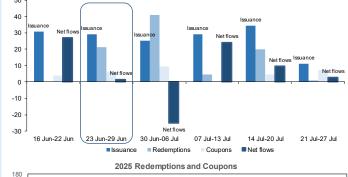
### MARKET ANALYSIS

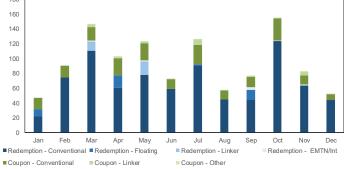
#### **MNI Eurozone Net Cash Flow Matrix**

Week beginning 23-Jun-2025

	Country	Issue		Amount (Ebln)
15-Jan	Italy	CCTEU	EURIBOR 6m +185	10.10
31-Jan	Spain	Bono	0.00	21.38
31-Jan	Latvia	LATVGB	0.00	0.39
01-Feb	Italy Germany	BTP	0.35 0.50	17.80 30.50
15-Feb 15-Feb	Greece	Bund GGB	3.375	2.21
17-Feb	EFSE	EFSF	0.40	6.00
24-Feb	Greece	GGB Step	4.30	0.05
25-Feb	France	OAT	0.00	17.50
01-Mar	Italy	BTP	5.00	23.40
01-Mar	France	OATi	FR CPI+10	11.78
03-Mar	Croatia	CROATE	0.25	0.66
08-Mar	Croatia	CROATE	3.65	1.85
11-Mar	Croatia	Croatia EMTN	3.00	1.50
13-Mar	Germany	Schatz	2.50	17.50
L3-Mar	Ireland	IGB	5.40	11.49
14-Mar 25-Mar	ESM	ESM	0.00	3.50
28-Mar	France Italy	OAT BTP Short Term	0.00 3.40	37.66 14.62
04-Apr	EU	EU-bond	0.50	2.40
11-Apr	Germany	Bobl	0.00	23.00
15-Apr	Italy	CCTEU	EURIBOR 6m +95	16.21
20-Apr	Austria	RAGB	0.00	9.06
22-Apr	Austria	Austria Int - FC, fixed	0.67	0.52
28-Apr	Luxembourg	LGB	0.00	1.50
28-Apr	EFSF	EFSF	0.20	3.00
80-Apr	Spain	Obli	1.60	21.75
06-May	Lithuania	Lithuania EMTN - EUR, fixed	0.25	0.97
L4-May	Slovakia	SLOVGB	0.25	3.00
5-May	Italy	BTP	1.45	16.42
25-May	France	OAT	0.50	37.76
26-May	Italy	BTP Italia	IT CPI+140	18.64
1-May	Spain	Bono	0.00	20.43
)1-Jun .2-Jun	Italy	BTP Schatz	1.50 2.80	20.26 17.50
2-Jun 2-Jun	Germany Belgium	OLO	2.80	21.30
)1-Jul	Italy	BTP	1.85	16.39
A-Jul	Finland	RFGB	4.00	6.30
4-Jul	EU	EU-bond	0.80	18.01
9-Jul	Croatia	CROATE	4.50	0.80
9-Jul	Belgium	Belgium EMTN - FC, fixed	4.192	0.15
1-Jul	EFSF	EFSF	0.50	3.50
.5-Jul	Netherlands	DSL	0.30	19.93
L7-Jul	Malta	MALTA DCB Floot	0.75	0.14
23-Jul	Portugal	PGB Float	EURIBOR 6m +100	1.00
25-Jul	Greece	GGBi	EU CPI+290	0.08
28-Jul	Slovenia	SLOREP	2.125	1.91
8-Jul	Austria	Austria EMTN - EUR, float	Floating	0.05
Iul-0	Spain	Obli	4.65	24.19
4-Aug	Lithuania	LITHGB	1.30	0.62
A-Aug	Austria	Austria EMTN - EUR, float	Floating	0.10
.5-Aug	Germany	Bund	1.00	30.50
-				
5-Aug	Italy	BTP	1.20	13.43
0-Sep	ESM	ESM USD Bond	0.375	2.58
5-Sep	Finland	RFGB	0.875	5.11
5-Sep	Italy	CCTEU	EURIBOR 6m +55	13.97
8-Sep	Germany	Schatz	3.10	17.00
8-Sep	Greece	GGB Float	BOR 6m +FLOATING	0.04
3-Sep	ESM	ESM	1.00	6.00
3-Sep	Latvia	Latvia - EUR, fixed	1.375	1.11
9-Sep	Italy	BTP Short Term	3.60	15.50
.0-Oct	Germany	Bobl	0.00	27.50
0-Oct	Germany	Green	0.00	8.50
0-Oct	Austria	Austria EMTN - EUR, float	Floating	0.12
4-Oct	Slovakia	SLOVGB	4.35	3.00
5-Oct	Portugal	PGB	2.875	11.43
5-Oct	EFSF	EFSF	0.00	5.00
0-Oct	Austria	RAGB	1.20	13.33
0-Oct	EU	EU-bond	2.875	0.20
2-Oct	Lithuania	Lithuania EMTN - EUR, fixed	1.25	0.75
5-Oct	France	OAT	6.00	27.50
1-Oct	Spain	Obli Cuprus FUR fixed	2.15	26.98
4-Nov	Cyprus	Cyprus - EUR, fixed	4.25	1.00
4-Nov	EU	EU SURE	0.00	8.00
8-Nov	Malta	MALTA	0.50	0.23
9-Nov	Italy	Italy EMTN - EUR, float	Floating	0.20
5-Nov	Italy	BTP	2.50	19.34
1-Nov	Lithuania	LITHGB	0.80	0.33
5-Nov	France	OAT	1.00	35.80
1-Dec	Italy	BTP	2.00	20.43
4-Dec	EU	EU-bond	0.77	0.02
	Germany	Schatz	3.10	19.00
l2-Dec		EFSF	1 50	4.00
.2-Dec .5-Dec	EFSF	EFSF CYPGB	1.50	4.00
2-Dec		EFSF CYPGB MALTA	1.50 4.00 7.00	4.00 0.09 0.00

Eurozone Gov	t Supply				Upcoming Coup	on Payments
) Date	Country	lss	ue	Amount	Country	Amount (Ebln)
23-Jun	EU	2.875% Oct-	29 EU-bond	E1.798bln	Total w/c 16-Jun	3.9
23-Jun	EU	3.375% Dec	-35 EU-bond	E2.182bln	largest paymer	nts
23-Jun	EU	0.70% Jul-5	51 EU-bond	E1.372bln	Italy	1.2
23-Jun	Belgium	0.10% Ju	n-30 OLO	E902mIn	Greece	1.0
23-Jun	Belgium	3.10% Ju	n-35 OLO	E1.075bln	Total w/c 23-Jun	6.3
23-Jun	Belgium	0.40% Ju	n-40 OLO	E1.325bln	largest paymer	nts
24-Jun	Slovenia	.125% Jul-35 SL	OREP Sustainabl	E1bln	Belgium	4.9
24-Jun	Germany	1.70% Jun	-27 Schatz	E4bln	France	1.2
25-Jun	Italy	2.10% Aug-27 E	3TP Short Term	E2.5-3.0bln	EFSF	0.1
25-Jun	Italy	1.10% Aug	-31 BTPei	E2.5-3.0bln	Total w/c 30-Jun	9.4
26-Jun	Finland		acility	Up to E0.4bIn	largest paymer	nts
27-Jun	Italy	2.95% Ju	II-30 BTP	E1.25-1.5bln	Germany	6.0
27-Jun	Italy	2.70% O	ct-30 BTP	E1.25-1.5bln	Italy	1.5
27-Jun	Italy	3.60% O	ct-35 BTP	E3.0-3.5bln	EU	1.2
27-Jun	Italy	1.05% Apr-	-34 CCTeu	E1.5-2.0bln	Total w/c 7-Jul	0.5
					largest paymer	nts
					EU	0.3
					EFSF	0.2
					Total w/c 14-Jul	4.5
					largest paymer	nts
					Netherlands	1.4
					Italy	1.4
					Total w/c 21-Jul	7.2
					largest paymer	nts
					France	6.7
					Portugal	0.3
					Total w/c 28-Jul	17.2
Weekly supply				E29.2bln		
Net Cash Flow	16 Jun-22 Jun	23 Jun-29 Jun	30 Jun-06 Jul	07 Jul-13 Jul	14 Jul-20 Jul	21 Jul-27 Jul
Issuance*	30.7	23 Jun-29 Jun 29.2	25.0	29.1	34.2	21 Jui-27 Jui 11.0
Redemptions	30.7	29.2	25.0 40.7	29.1	34.2 20.1	1.1
Coupons	3.9	6.3	40.7 9.4	4.4	4.5	7.2
Coupons Net Flows	3.9 26.8	6.3 1.6	9.4	0.5 24.2	4.5 9.7	7.2
INELFIOWS	20.8	1.0	-20.1	24.2	9.7	2.8
		Weekly I	Net Cash Flow	vs (Ebln)		
<sup>50</sup> ]						





2025 Redemptions and Coupons



### All Signal, No Noise





2025 Issuance	-	0201																
YTD Issuance	Austria 31.7	Belgium 32.7	Finland 15.3	France 210.4	Germany 152.5	Greece 5.9	Ireland 5.3	1taly 214.4	Neth. 25.4	Portugal 14.1	Slovakia 8.1	Slovenia 2.0	Spain 119.7	EU 85.8	EFSF 15.0	<b>ESM</b> 4.0	Total 942.2	Other 7.2
YTD Cash Proc. 2025 Target	30.3 45.0	31.7 42.0	14.6 22.3	204.9 313.8	147.6 269.0	6.0 8.0	5.1 6.0	214.9 343.0	23.6 40.0	13.4 20.5	7.9 13.0	2.0 6.0	118.1 176.5	84.3 160.0	14.9 21.5	4.0 7.0	923.3 1493.6	7.1
YTD Cash % Trgt	67.2	75.5	65.6	65.3	<u> </u>	75.0	85.6	62.7	58.9	65.5	60.9	0.0	66.9 (	52.7	69.5	56.8	61.8	
Cash Proceeds: <3.5 YR	1.7	-	0.1	16.5	41.0	-1.5	-	35.5	-	-0.4	0.6	-	18.4	15.6	-	2.0	129.4	0.5
3.5 - 5.5 YR - 5.5 - 8 YR	6.2 3.4	8.8	1.0 2.1	40.1 26.9	35.2 0.5	0.2	-	31.9 26.6	4.9 2.1	0.5 0.7	0.8 0.4	-	17.3 18.0	8.9 11.8	8.0 3.0	-	163.7 95.4	0.1 0.1
5 8-11 YR	9.5	13.0	6.3	59.0	37.6	4.3	1.8	34.6	10.9	6.0	2.5	1.0	40.8	16.2	4.0	2.0	249.3	0.2
11 - 16 YR 9 16 - 21 YR	3.4 0.8	3.6 5.2	0.7 3.7	8.9 13.9	3.4 5.3	2.1	0.4 -	19.8 1.5	-	4.4 1.4	3.0 0.3	-	10.8 2.8	8.4 10.7	-	-	68.7 45.6	1
5 21 - 26 YR O 26 - 32 YR	1.3 2.7	-	- 0.7	4.4 18.3	3.4 21.1	- 1.0	- 3.0	5.0 2.7	2.0 3.6	- 1.0	0.3 0.1	- 1.0	1.8 4.0	4.9 7.8	-	1	23.0 67.0	1
32 YR + Total conv	0.6	-	14.6	187.9	- 147.6	6.0	-	157.6	23.6	13.4	-	2.0	113.8	84.3	- 14.9	- 4.0	0.6 842.8	- 0.8
CCTeu / FRN	- 29.5	30.5 -	•	-	-	-	5.1 -	14.9	-	-	7.9 -	-	-	-	-	4.0	14.9	-
< 6 YR 5-6 - 11 YR	-	-	-	0.8 8.0	-	-	-	3.4 11.4	-	-	-	-	1.6 0.6	-	-		5.8 20.0	-
11 - 21 YR 11 - 32 YR	-	-	-	7.0 1.1	-	-	-	3.2 3.0	-	-	-	-	2.0	-	-	-	12.3 4.1	-
Total linker	-	-	•	17.0	-	•	-	21.0	-	-	-	-	4.2	-	•	-	42.2	-
EMTN/Fgn Debt	0.7	0.9	-	-	-	-	-	-	-	-	-	-	-	-	-		1.7	6.3
2025 Issuance: No			L.					1				6	0.1			D	Tabal	7
<3.5 YR	Jan 29.1	Fel 19.	9	Mar 12.3	Apr 30.2	16	ay 6.0	Jun 21.8	Jul -	Δ	-	Sep -	Oct -		ov -	Dec -	Total 129.3	
3.5 - 5.5 YR 5.5 - 8 YR	31.4 6.4	32. 12.		29.3 11.0	17.9 29.8		3.5 3.8	29.5 14.2	-		-	-	-		-	-	163.9 97.9	
8 - 11 YR 11 - 16 YR	76.2 4.4	25. 32.	0	53.2 5.2	40.1 12.1	33	3.4 .5	23.5 11.3	-		-	-	-		-	-	251.3 72.5	
9 16 - 21 YR	17.6	0.6	6	13.0	2.3	12	2.4	2.1	-		-	-	-		-	-	48.0	
5 21 - 26 YR 26 - 32 YR	9.2 16.5	8.4 15.		1.5 11.1	5.1 12.5		.5 ).5	1.2 7.7	-		-	-	-		-	-	26.8 73.4	
32 YR + Total conv	0.9 191.6	- 147		- 136.5	0.6 150.4		- 7.6	- 111.3			-	-	-		-	-	1.4 864.5	
CCTeu / FRN	2.8	2.8		2.8	2.1	4	.5	-	-		-	-	-		-	-	14.9	
< 6 YR ភូ 6 - 11 YR	1.4 0.8	- 1.9		1.7 1.7	0.6 0.8	12	.7 2.6	0.7 1.0	1		-	1	-		-	-	5.1 18.8	
11 - 21 YR 21 - 32 YR	3.2 0.3	3.4	4	3.2 0.4	0.9 3.3		.3 .5	0.9	-		-	-	-		-	-	11.9 4.4	
Total linker EMTN/Fgn Debt	5.7 2.5	5.3 2.2		7.0 1.2	5.6 0.2		4.1 .6	2.5 0.3	-		-	-	-		-	-	40.2 8.0	
Total	202.6	157		147.4	158.3		7.8	114.1	-		-	-	-		-	-	927.6	
2025 Issuance: Ca																		_
<3.5 YR	Jan 29.0	Fel 19.		Mar 12.3	Apr 30.3		ay 6.4	Jun 21.9	Jul -		-	Sep -	Oct	N	ov -	Dec	Total 129.8	
3.5 - 5.5 YR _ 5.5 - 8 YR	31.6 6.4	32. 12.	.1	29.0 10.4	18.3 28.8	23	3.3 3.1	29.5 14.0	-		-	-	-		-	-	163.8 95.5	
8 - 11 YR	75.7	25.	2	52.5	39.9	33	3.3	22.8	-		-	-	-		-	-	249.5	
변 11 - 16 YR 왕 16 - 21 YR	3.4 17.1	31. 0.4		4.9 12.4	11.9 2.2		.0 1.7	11.0 1.8	-		-	-	-		-	-	68.7 45.6	
5 21 - 26 YR 26 - 32 YR	7.9 15.2	7.1 14.		0.9 10.3	4.4 10.9		.0 .5	1.0 6.7	-		-	-	-		-	-	23.0 67.0	
32 YR +	0.4	144		132.6	0.2 146.9		- 4.3	108.8	-		-	-	-		-	-	0.6 843.6	
Total conv CCTeu / FRN	186.7 2.8	2.8		2.8	2.1	4	.5	-	-		-	-	-		-	-	14.9	
< 6 YR 5 6 - 11 YR	1.5 0.8	- 2.1	1	1.8 1.8	0.8 0.9		.9 3.4	0.8 1.0	-		-	-	-		-	-	5.8 20.0	
별 11 - 21 YR 	3.5 0.2	3.4	4	3.0 0.3	0.8 3.2		.5 .4	1.0	-		-	-	-		-	-	12.3 4.1	
Total linker	6.1	5.6		7.0	5.7	15	5.2	2.8	-		-	-	-		-	-	42.2	
EMTN/Fgn Debt Total	2.5 198.0	2.2 154		1.2 143.6	0.2 154.9		.6 5.7	0.3 111.9	-		-	-	-		-	-	8.0 908.7	
2024 Issuance: No	minal																	
<3.5 YR	Jan 20.2	Fel 16.		Mar 15.3	Apr 21.8		ay 9.0	Jun 25.4	Jul 22.8		ug 5.5	Sep 25.6	Oct 20.6		ov 3.1	Dec 7.7	Total 228.6	
3.5 - 5.5 YR	27.3	25.	4	28.0	21.1	2	1.3	14.8	14.2	2	2.5	16.0	24.2	23	3.9	1.6	240.2	
5.5 - 8 YR 6 8 - 11 YR 11 - 16 YR	22.8 65.1	11. 48.	.1	20.4 29.1	21.7 40.3	33	5.4 3.6	16.9 26.0	15.5 33.2	2	0.8 2.4	15.1 31.2	20.6 32.7		0.5	3.2 7.1	182.4 399.4	
변 11 - 16 YR 월 16 - 21 YR	22.8 0.7	1.0 10.	4	10.2 4.1	6.5 7.2	10	7.9 ).2	10.6 -	7.9 4.8	5	2.7 5.7	6.3 5.6	10.0 2.2		.6	3.6 -	102.7 60.5	
5 21 - 26 YR 26 - 32 YR	10.7 27.4	0. <sup>2</sup> 24.		8.1 6.6	0.1 12.2		.2 1.2	1.5 9.7	- 9.9	C	).8 1.5	5.5 15.0	6.0 8.4	0 6	.5	1.3 1.7	34.7 141.0	
32 YR +	0.2	0.4	4	0.5	2.5	2	.2	0.1	1.7		-	0.9	0.8	10	-	1.3	10.7	
Total conv CCTeu / FRN	197.2 1.5	137 2.5	5	122.4 1.5	133.5 2.3	2	4.1 .3	105.0 1.8	110.0 1.5	1	4.7 1.5	121.2 1.8	125.4 3.5	4	.7	27.4	1400.1 24.8	
< 6 YR ភ្ញុ 6 - 11 YR	2.3 0.5	2.7 0.6		1.3 -	1.8 0.7		.0 .8	2.1	1.2 1.4		1.6 -	1.4 1.7	1.8 0.6	1 3	.2 .4	-	18.5 11.6	
한 11 - 21 YR 그 21 - 32 YR	2.7	1.1 0.3	1	6.8	2.2 0.3	4	.0 .2	2.8 0.3	1.2 0.4		1.0 ).3	6.0 0.3	3.1	0	.8	-	31.6 2.1	
Total linker	5.5	4.7	7	8.1	5.0	8	.0	5.3	4.1	2	2.9	9.4	5.5	5	.4	-	63.9	
EMTN/Fgn Debt Total	1.2 205.3	1.6 146		1.9 133.9	1.4 142.2		.3 5.7	2.8 114.8	0.1 115.6		).4 9.5	0.8 133.1	1.0 135.4	0		0.0 27.4	12.7 1501.5	
2024 Issuance: Ca	sh Proceed	s																
<3.5 YR	Jan 20.3	Fel 16.		Mar 15.2	Apr 21.5		lay Jur 3.8	25.3	Jul 22.5		lug 5.4	Sep 25.7	Oct 20.7		ov 3.2	Dec 7.7	Total 227.6	-
3.5 - 5.5 YR	27.3	25.	.1	27.8	21.0	21	1.0	15.1	14.3	2	2.6	16.1	24.3	23	3.6	1.6	239.9	
5.5 - 8 YR 8 - 11 YR 11 - 16 YR	22.6 65.8	10. 48.	0	19.8 29.4	21.7 39.9	33	5.1 3.0	15.7 25.6	15.0 32.4	2	0.4 2.7	15.3 31.6	20.8 33.3		0.8	3.2 7.4	178.8 399.9	
♥ 16 - 21 YR	21.4 0.5	0.8 9.8		8.9 3.9	6.2 7.6		7.3 .5	9.9	6.8 4.9		2.1 5.6	5.0 5.8	9.9 2.4	3 7	.3 .6	3.0	94.8 56.6	
ຽ 21 - 26 YR	10.2	0.1	1	8.0	0.1	0	.1	1.4	-	C	).4	5.3	5.0	0	.5	0.9	32.0	
26 - 32 YR 32 YR +	25.3 0.1	23. 0.2	2	6.1 0.2	10.8 2.6	1	3.9 .2	9.0 0.0	7.8 1.0		4.3 -	13.5 0.5	8.0 0.7		-	1.8 0.5	129.7 7.0	
Total conv CCTeu / FRN	193.4 1.5	134 2.8		119.3 1.5	131.4 2.3		9.0 .3	102.1 1.7	104.7 1.5		3.5 1.5	118.7 1.7	125.1 3.5	98 4	3.7 .7	26.1	1366.2 24.8	
< 6 YR	2.9 0.5	3.0 1.1	C	1.6	2.0 0.7	1	.2 .9	2.7	1.4 1.6	2	2.0	1.5 2.2	2.1 0.6		.2	1	21.6 14.1	
폰 11 - 21 YR	2.8	1.4	4	7.1	2.3	4	.0	3.0	1.7	1	1.0	6.4	3.5		.0	-	34.1	
□ 21 - 32 YR Total linker	6.2	0.3 5.8		- 8.7	0.3 5.2		.2 .3	0.3 6.0	0.4 5.0		).3 3.3	0.3 10.4	6.2	6	-	-	2.0 71.7	
EMTN/Fgn Debt Total	1.2 202.2	1.6	6	1.9 131.4	1.4	1	.3 0.9	2.8 112.6	0.1	C	).4 8.7	0.7	1.0 135.9	0		0.0 26.2	12.6 1475.3	-
i otai	202.2	144		131.4	140.3	14	0.0	112.0	111.3	0	0.1	101.0	130.9		0.0	20.2	14/0.0	-

### All Signal, No Noise

#### **Eurozone 2025 Coupons and Redemptions**

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MARKET ANALYSIS

												••••	•••	•
EMU		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total 2025
Redemptions	Conventional	21.8	74.1	110.7	60.7	77.6	59.1	91.2	44.5	43.6	123.4	63.7	43.5	813.9
	Floating	10.1	-	-	16.2	-	-	1.0	-	14.0	-	-	-	41.3
	Linker	-	-	11.8	-	18.6	-	0.1	-	-	-	-	-	30.5
	EMTN/Int - EUR EMTN/Int - FX	-	-	1.5	- 0.5	1.0	-	0.1 0.2	0.1	1.1 2.6	0.9	1.2	-	5.8
	Total	31.9	74.1	124.0	77.4	97.2	59.1	92.4	44.6	61.3	124.3	64.9	43.5	3.3 894.8
	of which ECB PSPP	13.5	24.0	33.4	26.7	20.5	18.3	26.2	13.1	12.6	37.1	20.1	8.3	253.6
	of which ECB PEPP	12.4	20.4	24.0	16.3	13.8	15.5	15.2	9.0	7.9	17.5	12.9	5.6	170.4
Coupons	Conventional	14.5	16.2	18.2	22.6	23.3	13.2	26.1	12.4	13.8	29.8	12.3	7.9	210.4
	Floating Linker	0.1	-	0.0 3.8	0.4 2.0	- 2.5	- 0.2	0.0 6.8	-	0.0 1.7	0.4 0.1	- 4.7	- 0.3	1.0 22.1
	EMTN/Int - EUR	0.2	0.2	0.4	0.3	0.3	0.2	0.0	0.1	0.2	0.1	0.2	0.5	3.1
	EMTN/Int - FX	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	1.1
	Total	14.9	16.4	22.6	25.4	26.2	13.8	33.4	12.7	15.8	30.6	17.3	8.5	237.6
Redemp+Coup		46.8	90.5	146.5	102.8	123.4	72.9	125.8	57.3	77.1	154.9	82.2	52.0	1132.4
	of which ECB redemptions other	25.8 21.0	44.4 46.1	57.3 89.2	42.9 59.9	34.3 89.1	33.8 39.1	41.3 84.5	22.1 35.2	20.4 56.7	54.6 100.3	33.0 49.3	13.9 38.2	424.0 708.5
Germany	other	21.0	40.1	03.2	55.5	03.1	55.1	04.5	JJ.2	50.7	100.5	43.5	30.2	700.5
Redemptions	Conventional	-	30.5	17.5	23.0	-	17.5	-	30.5	17.0	36.0	-	19.0	191.0
	Linker	-	-	-	-	-	-	-	-	-	-	-	-	0.0
	Total	-	30.5	17.5	23.0	-	17.5	-	30.5	17.0	36.0	-	19.0	191.0
Coupons	Conventional	4.0	2.5	0.9	1.2	0.6	1.0	6.0	5.5	1.0	1.8	1.2	1.0	26.8
	Linker Total	- 4.0	2.5	- 0.9	1.9 3.1	- 0.6	- 1.0	- 6.0	- 5.5	- 1.0	- 1.8	- 1.2	- 1.0	1.9 28.7
Redemp+Coup		4.0	33.0	18.4	24.2	0.6	18.5	6.0	36.0	18.0	37.8	1.2	20.0	217.8
France														
Redemptions	Conventional	-	17.5	37.7	-	37.8	-	-	-	-	27.5	35.8	-	156.2
	Linker		- 17.6	11.8	-	- 37.8	•	•	-	-	- 27.5	- 35.8	-	11.8 168.0
Coupons	Total Conventional		17.5 2.8	49.4	- 9.1	37.8 14.5	- 1.2		-	2.6	6.5	5.1	-	41.7
ooupono	Linker		-	2.2	-	-	-	6.7	-	-	-	-	-	8.9
	Total	-	2.8	2.2	9.1	14.5	1.2	6.7	-	2.6	6.5	5.1	-	50.6
Redemp+Coup	Total	-	20.3	51.6	9.1	52.2	1.2	6.7	-	2.6	34.0	40.9	-	218.6
Italy	Conventional	-	17.8	38.0		16.4	20.3	16.4	13.4	15.5		19.3	20.4	177.6
Redemptions	Conventional Floating	10.1	-		16.2	-	- 20.5	-	-	15.5		-	- 20.4	40.3
	Linker	-	-	-	-	18.6	-	-	-	-	-	-	-	18.6
	EMTN/Int - EUR	-	-	-	-	-	-	-	-	-	-	0.2	-	0.2
	EMTN/Int - FX	-	-	-	-	-	-	-	-		-	-	-	0.0
Coupons	Total Conventional	10.1 2.3	17.8 6.2	38.0 9.2	16.2 3.5	35.1 5.1	20.3 3.3	16.4 3.0	13.4 6.4	29.5 8.4	- 4.0	19.5 4.9	20.4 3.2	236.7 59.5
Coupons	Floating	0.1	-	0.0	0.4	-	-	-	-	0.4	0.4	-	-	1.0
	Linker	-	-	1.6	0.1	2.5	0.2		-	1.7	0.1	2.2	0.3	8.7
	EMTN/Int - EUR	0.1	0.0	0.1	0.0	0.1	0.1	0.2	0.0	0.1	0.0	0.0	0.0	0.9
	EMTN/Int - FX	-	0.0	-	0.1	0.0	0.0	-	0.1	-	0.1	0.0	0.1	0.5
Redemp+Coup	Total	2.4 12.5	6.2 24.0	11.0 49.0	4.2 20.4	7.7 42.7	3.6 23.9	3.2 19.6	6.6 20.0	10.2 39.7	4.6 4.6	7.2 26.8	3.6 24.1	70.5 307.2
Spain	Total	12.5	24.0	43.0	20.4	42.1	23.5	13.0	20.0	33.1	4.0	20.0	24.1	501.2
	Conventional	21.4	-	-	21.7	20.4	-	24.2	-	-	27.0	-	-	114.7
	Linker	-	-	-	-	-	-	-	-	-	-	-	-	0.0
	EMTN/Int - EUR	-	-	-	-	-	-	-	-	-	-	-	-	0.0
	EMTN/Int - FX Total	- 21.4	-	•	- 21.7	- 20.4	-	24.2			- 27.0		-	0.0 114.7
Coupons	Conventional	2.6	-	0.2	4.5	1.2	0.2	11.2	-	-	9.8	-	-	29.7
	Linker	-	-	-	-	-	-	-	-	-	-	2.5	-	2.5
	EMTN/Int - EUR	-	-	-	-	0.0	-	-	-	-	-	-	-	0.0
	EMTN/Int - FX	-	-	-	0.0	-	0.0	-	-	-	-	0.0	0.0	0.0
Redemp+Coup	Total	2.6 24.0	-	0.2	4.5 26.3	1.3 21.7	0.2	11.2 35.3	-		9.8 36.8	2.6 2.6	0.0	32.3 147.1
EMU ex Big 4	- Colum	24.0		0.2	20.0	21.7	0.2	00.0			00.0	2.0	0.0	
Redemptions	Conventional	0.4	8.3	17.5	16.0	3.0	21.3	50.6	0.6	11.1	33.0	8.6	4.1	174.4
	Floating	-	-	-	-	-	-	1.0	-	0.0	-	-	-	1.0
	Linker	-	-	-	-	-	-	0.1	-	-	-	-	-	0.1
	EMTN/Int - EUR EMTN/Int - FX		-	1.5	- 0.5	1.0	-	0.1 0.2	0.1	1.1 2.6	0.9	1.0	-	5.6 3.3
	Total	0.4	8.3	- 19.0	16.5	4.0	21.3	51.9	0.7	2.6	33.8	9.6	4.1	184.3
Coupons	Conventional	5.7	4.7	7.9	4.3	1.9	7.4	5.9	0.5	1.8	7.7	1.0	3.8	52.6
	Floating	0.0	-	-	-	-	-	0.0	-	-	-	-	-	0.0
				-	0.0	-	0.0	0.1	-	-	-	-	-	0.1
	Linker	-	-											
	EMTN/Int - EUR	0.1	0.2	0.3	0.3	0.2	0.4	0.2	0.1	0.1	0.2	0.1	0.1	2.3
					0.3 0.0 4.6	0.2 0.1 2.2	0.4 0.0 7.8	0.2 0.1 6.3	0.1 0.0 0.6	0.1 0.1 1.9	0.2 0.0 7.9	0.1 0.0 1.2	0.1 0.0 3.9	2.3 0.5 55.5

Business Address – MNI Market News, 3rd Floor, 1 Great Tower Street, London, EC3R 5AA

### All Signal, No Noise

### **MARKET ANALYSIS**

Image													•••	Π		
colsc	ustria		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total 2	
colsc						9.1			0.1	0.1					22.4 0.3	
Conversion         Conversion <thconversion< th="">        Conversion        Conversio</thconversion<>						0.5									0.5	
EMPLA EMPLA EMPLAEMPLA EMPLAOO		Total				9.6			0.1	0.1		13.4			23.2	
EMPINI-PR Reserved Reserved Material Reserved Material Reserved Material 	Coupons				1.2		0.2	0.4			0.1		0.1		5.9	
Image <th< td=""><td></td><td></td><td>0.0</td><td></td><td></td><td></td><td></td><td></td><td>0.0</td><td>0.0</td><td></td><td></td><td></td><td></td><td>0.0</td></th<>			0.0						0.0	0.0					0.0	
Reserve Batemin Reserve Reserve Constraint Department D			0.2		10				0.0	0.0	0.1				0.0 5.9	
colsco	Redemn+Coun														29.1	
colspace <th colspa<="" td=""><td></td><td>- Colum</td><td>0.2</td><td>1.0</td><td>1.2</td><td>0.1</td><td>0.2</td><td>0.4</td><td>1.0</td><td>0.1</td><td>0.1</td><td>14.0</td><td>0.1</td><td>0.0</td><td>20.</td></th>	<td></td> <td>- Colum</td> <td>0.2</td> <td>1.0</td> <td>1.2</td> <td>0.1</td> <td>0.2</td> <td>0.4</td> <td>1.0</td> <td>0.1</td> <td>0.1</td> <td>14.0</td> <td>0.1</td> <td>0.0</td> <td>20.</td>		- Colum	0.2	1.0	1.2	0.1	0.2	0.4	1.0	0.1	0.1	14.0	0.1	0.0	20.
BUTME-FX         Series         Seri	Redemptions							21.3							21.3 0.0	
Tail     10															0.0	
Conside Conside Conside Conside Conside Conside Conside 															0.2	
Conversion	Courses				2.0	0.4			0.2			1.0			21.	
Component - Elimine Tana and the set of the s	Coupons				3.8	0.4			0.0			1.0			10. 0.0	
EMPMER - F. Reference on the sector of the sector o			0.0		0.0		0.0				0.0	0.0	0.0	0.0	0.1	
Tail0-300500						0.0									0.2	
Series of the s															10.4	
Series of the s	Redemp+Coup														31.6	
TeakT	SF			6.0		3.0			3.5			5.0		4.0	21.	
CorporConstraint00.50.10.50.20.30.30.30.40.50.30.30.30.50.3 </td <td>requemptions</td> <td></td> <td>21.</td>	requemptions														21.	
RedenRef0.10.50.1 <th< td=""><td>Coupons</td><td>Conventional</td><td></td><td>0.5</td><td></td><td>0.5</td><td></td><td></td><td>0.6</td><td></td><td></td><td>0.0</td><td></td><td>0.3</td><td>3.0</td></th<>	Coupons	Conventional		0.5		0.5			0.6			0.0		0.3	3.0	
<table-container><th c<="" td=""><td>Redemp+Coup</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>3.0 24.</td></th></table-container>	<td>Redemp+Coup</td> <td></td> <td>3.0 24.</td>	Redemp+Coup														3.0 24.
Redention of the second of th			0.1	0.0	0.1	0.0	0.0			0.2	0.0	0.0		1.0	24.	
<th a="" constraint="" of="" of<="" td=""><td></td><td>Conventional</td><td></td><td></td><td>3.5</td><td></td><td></td><td></td><td></td><td></td><td>6.0</td><td></td><td></td><td></td><td>9.</td></th>	<td></td> <td>Conventional</td> <td></td> <td></td> <td>3.5</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>6.0</td> <td></td> <td></td> <td></td> <td>9.</td>		Conventional			3.5						6.0				9.
Campo Campo Marker A Marker A 															2.	
Note: 10.Redention: 10.0.10.10.10.10.10.10.10.10.10.10.10.1 <th colspan<="" td=""><td></td><td>Total</td><td></td><td></td><td>3.5</td><td></td><td></td><td></td><td></td><td></td><td>8.6</td><td></td><td></td><td></td><td>12.</td></th>	<td></td> <td>Total</td> <td></td> <td></td> <td>3.5</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>8.6</td> <td></td> <td></td> <td></td> <td>12.</td>		Total			3.5						8.6				12.
fold0.20.10.00.00.10.30.10.20.1RedempCop FloatingCometional	Coupons	Conventional			0.2		0.1	0.0	0.0	0.1	0.3	0.1	0.2	0.1	0.	
RedempCoopTotalTotal0.10.00.00.18.90.10.20.1RedempCoopTotal2.418.00.01.20.00		EMTN/Int - FX			0.1						0.1				0.	
Redempione of the second of th															1.	
<table-container>Reden India2,410,0</table-container>		Total			3.7		0.1	0.0	0.0	0.1	8.9	0.1	0.2	0.1	13	
CauseConvertional0.01.30.51.40.00.01.40.13.60.83.4Retemp<00		Commetional							40.0			0.0		0.0		
<table-container>radUnd241000.00.00.00.0Coupend InduingCoupend Induing0.01.30.50.00.00.01.40.10.50.63.3Add Polationg0.01.30.50.00.00.01.40.13.80.63.3RedempCoup Induing1001.30.51.40.00.01.40.13.80.63.3RedempCoup InduingConvertional2.32.55.5<!--</td--><td>Redemptions</td><td></td><td></td><td></td><td></td><td>2.4</td><td></td><td></td><td>18.0</td><td></td><td></td><td>0.2</td><td>8.0</td><td>0.0</td><td>28</td></table-container>	Redemptions					2.4			18.0			0.2	8.0	0.0	28	
Canon Protect TechniqOne <th< td=""><td></td><td></td><td></td><td></td><td></td><td>2.4</td><td></td><td></td><td>19.0</td><td></td><td></td><td>0.0</td><td>0.0</td><td>0.0</td><td>0. 28</td></th<>						2.4			19.0			0.0	0.0	0.0	0. 28	
PataingRedemplore Redemplore TotalPataing00130.53.40.00.0140.13.80.63.33.4Redemplore Redemplore 			0.0	13	0.6		0.0	0.0			0.1				12.	
Tail0.01.30.61.00.00.01.40.13.60.63.3Redemp-Cop (and consentional Linker2.3			0.0	1.5	0.5	1.0	0.0	0.0	1.4		0.1	3.0	0.0	3.3	0.	
<table-container>RedempCoopTotal0.00.00.00.00.10.10.30.60.80.40.80.80.40.8&lt;</table-container>			0.0	13	0.5	10	0.0	0.0	14		0.1	3.6	0.6	33	12.	
RedengionQain	Redemp+Coup														40.	
Note:PleatingNote:	eece															
InterfaceTable2.30.40.10.20.40.30.0	Redemptions			2.3											2.	
Mathe ENDIFICATION OF CONSTRUCTION OF CONSTRUCTIO		•									0.0				0.	
<table-container>TotalQ.3O.10.00.0VVVConventional1.00.20.40.11.00.30.0VVVHainingV0.0V0.0V0.0VVVVVEdition0.00.20.40.11.00.40.0VVV<!--</td--><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>0.1</td><td></td><td></td><td></td><td></td><td></td><td>0.</td></table-container>									0.1						0.	
Conventional Floating International Floating International Floating100.20.40.1100.20.00.1				0.0							0.0				0.	
Plasting RedempCode For an analysis of the second seco	Courses		1.0		0.4	0.1		1.0							2.	
Link         0.0         0.1         0.1           EMTNIN EQR         0.0         0.1         0.0         0	Coupons		1.0	0.2	0.4	0.1		1.0	0.5		0.0				0.	
<table-container>EMTNINE-EUR0.00.00.1<!--</td--><td></td><td>5</td><td></td><td></td><td></td><td></td><td></td><td></td><td>0.0</td><td></td><td></td><td></td><td></td><td></td><td>0.</td></table-container>		5							0.0						0.	
Total100.20.40.11.00.40.00.70.8RedemptoryTotal0.02.50.40.11.00.40.00.70.8IndemptoryConventional11.511.55.5						0.0									0.	
<table-container>Redemp+Com IandTotal1.02.50.40.11.00.40.0IandConventional11.51</table-container>			10	0.2	0.4			1.0			0.0				3.	
iand in the series of the ser															5.	
Redemption Floating Conventione Floating11.5Total11.5Corpora FloatingRedemption Floating0.00.70.00.90.00				2.0	0.1				0.7		0.0					
Flating EMTVIN EUR11.5		Conventional			11.5										11	
EMTIVE EUR         Tota       11.5         Coupons       Conventional       0.0 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>0</td></t<>															0	
Total       11.5         Coupons       Governtional       0.0       0.2       0.7       0.0<															0.	
Flating       Flating       0.0					11.5										11	
EMTN/Int-EUR       0.0	Coupons	Conventional	0.0	0.2	0.7	0.0	0.9		0.0		0.0	0.4			2	
Total       0.0       0.2       0.7       0.0       0.9       0.0       0.0       0.4       0.0         Redemp+Coup       Total       0.0       0.2       12.2       0.0       0.9       0.0       0.0       0.4       0.0       0.0         Herdambt         12.2       0.0       0.9       0.0       0.0       0.4       0.0       0.0       0.4       0.0       0.0         Redemptor       Cowentional       0.1       12.2       2.0       0.9       0.9       0.0       0.0       0.0       0.4       0.0       0.0         Cowentional       Cowentional       4.1        19.9        1.4 <td></td> <td>0</td>															0	
Redemp+Gup       Total       0.0       0.2       12.2       0.0       0.9       0.0       0.0       0.4       0.0         thertands															0.	
The second of t															2.	
Redemptional       19.9         Total       19.9         Conventional       1.1         Total       1.4         Total       1.4         Total       1.4         Redempt-Coup       Total         Total       1.4         Redempt-Coup       Total         Coupcing       Floating         Floating       Interventional         EMITIVIN - EUR       Interventional         Coupcing       Conventional         Coupcing       Coupcing         Redempt-Coup       Interventional         Coupcing       Coupcing         Coupcing       Interventional         Floating       0.0         Coupcing       Interventional         Floating       0.0         EMITIVIN - EUR       Interventional         EMITIVIN - EUR       Interventional </td <td></td> <td>Total</td> <td>0.0</td> <td>0.2</td> <td>12.2</td> <td>0.0</td> <td>0.9</td> <td>0.0</td> <td>0.0</td> <td></td> <td>0.0</td> <td>0.4</td> <td>0.0</td> <td></td> <td>13</td>		Total	0.0	0.2	12.2	0.0	0.9	0.0	0.0		0.0	0.4	0.0		13	
Total       19.9         Coupons       Conventional       4.1       1.4         Total       4.1       1.4       1.4         Redemp+Cury Total       4.1       21.4       1.4         tugal       1.1       21.4       1.4         Redemptions       Conventional       1.1       1.4         Floating       International       1.1       1.0         Floating       International       1.0       11.4         EMTININt - EUR       International       1.1       1.0         Conventional       International       1.1       1.0       1.1         Conventional       International       International       International       International         EMTININt - EUR       International       International       International       International         Conventional       International       International       International       International         Conventional       International       International       International       International         Conventional       International       International       International       International         EMTININt - EUR       International       International       International       International <td></td> <td>0</td> <td></td>		0														
Coupons       Conventional       4.1       1.4         Redemp+Coup       Total       4.1       21.4         Redemp+Coup       Total       4.1       21.4         Redemp+Coup       Total       4.1       21.4         Redemp+Coup       Total       4.1       21.4         Redemp+Coup       Floating       1.4       1.4         Floating       1.0       1.4       1.4         Floating       1.0       1.0       1.4         EMTN/Int - EUR       1.0       1.4       1.4         Conventional       1.0       1.4       1.4         Conventional       1.0       1.4       1.4         EMTN/Int - EUR       1.0       1.4       1.4         Conventional       0.0       0.1       0.1       0.1       0.0       0.0         Conventional       0.0       0.0       1.1       0.1       0.7       0.4       0.0       0.0       1.1       0.0       0.0         Coupons       Floating       0.0       0.0       1.1       0.0       0.0       0.0       1.1       0.0       0.0       0.0       1.1       0.0       0.0       0.0       1.1       0.0 <td></td> <td>19</td>															19	
Total       4.1       1.4         Redemp+Coup       Total       4.1       21.4         trugal       1.4       21.4       1.4         Redemption       Conventional       1.4       1.4         Floating       1.0       1.4       1.4         EMUTIVIT - EUR       1.0       1.4       1.4         Conventional       1.0       1.4       1.4         EMUTIVIT - EUR       1.0       1.4       1.4         Coupons       Conventional       1.0       1.4         Floating       0.0       0.1       1.0       1.4         Coupons       Floating       0.0       0.1       1.0       0.0         EMUTIVIT - EUR       0.0       0.1       0.0       0.0       1.1       0.0       0.0         Edung       0.0       0.0       1.1       0.1       0.7       0.4       0.0       0.0       1.1       0.0       0.0         Edung       0.0       0.0       1.1       0.1       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0<			4.4												19	
Redemp+Coup         Total         21.4           trugal         International Sector Sect	Coupons														5. 5.	
trugal           Redemptions         Conventional         1.1.4           Floating         1.0         11.4           EMTIVINT - EUR         1.0         1.1.4           EMTIVINT - FX         1.0         11.4           Conventional         0.0         0.6         0.0         11.4           Conventional         0.0         0.6         0.0         11.4         0.0 <t< td=""><td>Redemo+Court</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>5. 25</td></t<>	Redemo+Court														5. 25	
Redemptions         Conventional         1.1           Floating         1.0         1.0           EMTIVINT - EUR         1.0         1.0           EMTIVINT - FX         1.0         1.0           Coupons         Conventional         0.0         0.0         1.1         0.0         0.0         1.1         0.0         0.0         0.0         1.1         0.0         0.0         0.0         1.1         0.0         0.0         0.0         1.1         0.0         0.0         0.0         1.1         0.0         0.0         0.0         1.1         0.0         0.0         0.0         1.1         0.0         0.0         0.0         1.1         0.0         0.0         0.0         1.1         0.0         0.0         1.1         0.0         0.0         1.1         0.0         0.0         1.0         0.0         0.0         1.1         0.0         0.0         1.0         0.0         0.0         1.0         0.0         1.0         0.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1		rotal	4.1						21.4						25	
Floating       1.0         EMTN/Int - EUR	-	Conventional										11.4			11	
EMTIVIInt - EUR         1.0         11.4           Total         0.0         0.6         0.0         1.1         0.1         0.7         0.4         0.0         0.0         1.1         0.0         0.0         1.1         0.0         0.0         1.1         0.0         0.0         1.1         0.0         0.0         1.1         0.0         0.0         1.1         0.0         0.0         1.1         0.0         0.0         1.1         0.0         0.0         1.0         0.0         1.0         0.0         1.0         0.0         0.0         1.0         0.0         1.0         0.0         0.0         1.0         0.0         0.0         1.0         0.0         0.0         1.0         0.0         0.0         1.0         0.0         0.0         1.0         0.0         0.0         1.0         0.0         0.0         1.0         0.0         0.0         1.0         0.0         1.0         0.0         0.0         1.0         0.0         0.0         1.0         0.0         0.0         1.0         0.0         0.0         1.0         0.0         0.0         1.0         0.0         0.0         1.0         0.0         0.0         0.0         0.0	recomptions								1.0			11.4			1.	
EMTIVINE - FX           1.0         11.4           Couveninal         0.0		-							1.0						0.	
Total         1.0         11.4           Coupons         Conventional         0.0         0.6         0.0         1.1         0.7         0.4         0.0         0.0         1.1         0.0         0.0           Floating         0.0															0	
Coupons         Conventional         0.0         0.6         0.0         1.1         0.7         0.4         0.0         0.0         1.1         0.0         0.0           Floating         0.0									1.0			11.4			12	
Floating 0.0 0.0 EMTN/Int - EUR 0.0 EMTN/Int - FX	Coupons		0.0	0.6	0.0	1.1	0.1	0.7		0.0	0.0		0.0	0.0	4.	
EMTIVInt - EUR 0.0 EMTIVInt - FX															0	
EMTN/int - FX		-		0.0											0	
															0.	
iutai 0.0 0.0 1.1 0.1 0.7 0.4 0.0 0.0 1.1 0.0 0.0		Total	0.0	0.6	0.0	1.1	0.1	0.7	0.4	0.0	0.0	1.1	0.0	0.0	4.	
	Redemp+Coup															

### All Signal, No Noise



#### **Eurozone 2025 Coupons and Redemptions**

Eurozor	ie 2025 Co	upons and	Rede	empti	ons							M	Π	1
Croatia		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total 202
Redemptions	Conventional EMTN/Int - EUR			2.5 1.5				0.8						3.3 1.5
	EMTN/Int - FX Total			4.0				0.8						4.8
Coupons	Conventional	0.1	0.0	0.1		0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.5
Coupons	EMTN/Int - EUR	0.0	0.0	0.2	0.1	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.5
	Coupon - Int - FC													
	Total	0.1	0.0	0.2	0.1	0.1	0.2	0.1	0.0	0.0	0.0	0.1	0.1	1.0
Redemp+Coup	Total	0.1	0.0	4.2	0.1	0.1	0.2	0.9	0.0	0.0	0.0	0.1	0.1	5.8
Cyprus														
Redemptions	Conventional												0.1	0.1
	EMTN/Int - EUR Total											1.0 1.0	0.1	1.0 1.1
Coupons	Conventional											1.0	0.0	0.0
	EMTN/Int - EUR	0.0	0.0		0.1	0.0	0.0			0.0	0.0	0.0	0.0	0.3
	Total	0.0	0.0		0.1	0.0	0.0			0.0	0.0	0.0	0.0	0.3
Redemp+Coup	Total	0.0	0.0		0.1	0.0	0.0			0.0	0.0	1.0	0.1	1.4
Finland														
Redemptions	Conventional							6.3		5.1				11.4
	EMTN/Int - EUR													0.0
	EMTN/Int - FX							<b>C D</b>						0.0
Coupons	Total Conventional				1.0	0.0		6.3 0.6		5.1 0.9				11.4 2.5
Coupons	EMTN/Int - EUR				1.0	0.0		0.0		0.5				0.0
	Coupon - Int - FC	0.0	0.0			0.0		0.0	0.0			0.0		0.1
	Total	0.0	0.0		1.0	0.0		0.6	0.0	0.9		0.0		2.6
Redemp+Coup	Total	0.0	0.0		1.0	0.0		6.9	0.0	6.0		0.0		14.0
Latvia														
Redemptions	Conventional	0.4												0.4
	EMTN/Int - EUR									1.1				1.1
	EMTN/Int - FX													0.0
0	Total	0.4								1.1				1.5
Coupons	Conventional EMTN/Int - EUR	0.1	0.0	0.0	0.0	0.1	0.0	0.0		0.0	0.0	0.0	0.0	0.0 0.3
	EMTN/Int - FX	0.0	0.0	0.0	0.0	0.1	0.0	0.0		0.0	0.0	0.0	0.0	0.5
	Total	0.1	0.0	0.0	0.0	0.1	0.0	0.1		0.0	0.0	0.0	0.0	0.4
Redemp+Coup	Total	0.5	0.0	0.0	0.0	0.1	0.0	0.1		1.1	0.0	0.0	0.0	1.9
Lithuania														
Redemptions	Conventional								0.6			0.3		1.0
	EMTN/Int - EUR					1.0					0.8			1.7
	EMTN/Int - FX													0.0
Coupons	Total Conventional		0.0		0.0	1.0 0.0		0.0	0.6 0.1		0.8	0.3 0.0	0.0	2.7 0.1
Coupons	EMTN/Int - EUR		0.0		0.0	0.0	0.1	0.0	0.1		0.1	0.0	0.0	0.1
	EMTN/Int - FX		0.1		0.1	0.1	0.1	0.1	0.1		0.1	0.0	0.1	0.0
	Total		0.1		0.1	0.1	0.1	0.1	0.2		0.1	0.0	0.1	1.0
Redemp+Coup	Total		0.1		0.1	1.1	0.1	0.1	0.8		0.9	0.4	0.1	3.6
Luxembourg														
Redemptions	Conventional				1.5									1.5
_	Total				1.5									1.5
Coupons	Conventional		0.0	0.1		0.0			0.0		0.0			0.2
Redemp+Coup	Total		0.0 0.0	0.1 0.1	1.5	0.0			0.0 0.0		0.0			0.2 1.7
Malta			0.0	0.1	1.5	0.0			0.0		0.0			
Redemptions	Conventional							0.1				0.2	0.0	0.4
	EMTN/Int - EUR													0.0
	Total							0.1				0.2	0.0	0.4
Coupons	Conventional	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
	EMTN/Int - EUR													0.0
	Total	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
Redemp+Coup Slovakia	rotal	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.3	0.0	0.6
Redemptions	Conventional					3.0					3.0			6.0
Redemptions	EMTN/Int - EUR					5.0					5.0			0.0
	EMTN/Int - FX													0.0
	Total					3.0					3.0			6.0
Coupons	Conventional	0.2	0.3	0.2	0.0	0.1	0.2	0.0	0.0		0.4	0.1		1.6
	EMTN/Int - EUR		0.0											0.0
	EMTN/Int - FX			0.0		0.0								0.0
	Total	0.2	0.3	0.2	0.0	0.1	0.2	0.0	0.0		0.4	0.1		1.6
Redemp+Coup	Total	0.2	0.3	0.2	0.0	3.1	0.2	0.0	0.0		3.4	0.1		7.6
Slovenia	Conventional							10						4.0
Redemptions	Conventional EMTN/Int - FX							1.9						1.9
	EMIN/Int - FX Total							1.9						0.0 1.9
Coupons	Conventional	0.0	0.0	0.4				0.1	0.1	0.0	0.0	0.1		0.6
	EMTN/Int - FX	0.0		0.0						0.0				0.0
	Total	0.0	0.0	0.5				0.1	0.1	0.0	0.0	0.1		0.7

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