warrants and certificates Activity report

Issue 41

December 2014



## Contents

- 03 Editorial
- 05 Euronext Markets
- 06 Market overview
- 11 Market trend
- 15 Issuers activity
- 18 Top 50 traded products
- 19 Euronext Amsterdam
- 20 Market overview
- 25 Market trend
- 29 Issuers activity
- 32 Top 50 traded products
- 33 Euronext Brussels
- 34 Market overview
- 39 Market trend
- 43 Issuers activity
- 46 Top 50 traded products
- 47 Euronext Lisbon
- 48 Market overview
- 53 Market trend
- 57 Issuers activity
- 60 Top 50 traded products
- 61 Euronext Paris
- 62 Market overview
- 67 Market trend
- 71 Issuers activity
- 74 Top 50 traded products

This publication is for information purposes only and is not a recommendation to engage in investment activities. This publication is provided "as is" without representation or warranty of any kind. Whilst all reasonable care has been taken to ensure the accuracy of the content, Euronext does not guarantee its accuracy or completeness. Euronext will not be held liable for any loss or damages of any nature ensuing from using, trusting or acting on information provided. No information set out or referred to in this publication shall form the basis of any contract. The creation of rights and obligations in respect of financial products that are traded on the exchanges operated by Euronext's subsidiaries shall depend solely on the applicable rules of the market operator. All proprietary rights and interest in or connected with this publication shall vest in Euronext. No part of it may be redistributed or reproduced in any form without the prior written permission of Euronext.

All data as of the date of publication. Euronext disclaims any duty to update this information

Euronext refers to Euronext N.V. and its affiliates. Information regarding trademarks and intellectual property rights of Euronext is located at https:// www.euronext.com/terms-use.

© 2015, Euronext N.V. - All rights reserved.

	Euronext Amsterdam	Euronext Brussels	Euronext Lisbon	Euronext Paris	Euronext Markets
Live listings (as of 31/12/2014)	10,901	4,261	1,526	24,656	41,344
Newlistings	3,261	1,293	216	9,984	14,754
Value traded (in M€)	747	4.8	72.0	462	1,286
Value traded YTD (in M€)	9,116	58.3	863.5	4,990	15,027
Traded volume (in M)	344	4.5	29.4	717	1,095
Traded volume YTD (in M)	5,491	82.0	393.1	8,070	14,036
Number of trades	154,302	2,684	11,807	130,100	298,893
Number of trades YTD	2,024,386	25,364	183,607	1,545,332	3,778,689
(Source: Euronext)					

# PLUG INTO RETAIL LIQUIDITY

The Retail Matching Facility offers a liquidity programme specifically designed to facilitate the provision of price improvement opportunities to retail investors.

For more information please visit **nyx.com/retailmatchingfacility** 





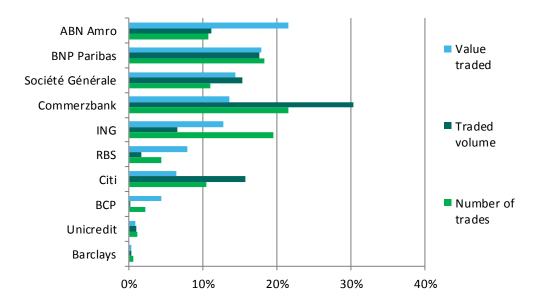
# **Euronext Markets**

#### Issuers

The table below displays the daily averages of traded value, traded volume and number of trades across all Euronext markets per issuer, as well as the variation over the previous month and the weight of each issuer over the total of all Euronext markets.

The chart at the bottom of the page represents the weight of each issuer in terms of traded value, traded volume and number of trades.

	Value traded Daily Month vs. YTD Marke					Traded	volume		Ν	lumber o	ftrades	
lssuer	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market
	average	on		share	average	on		share	average	on		share
	(in M€)	month			(in M)	month				month		
ABN Amro	13.2	5.2%	20%	21.6%	5.8	-6.6%	-2.0%	11.2%	1,528	-3.4%	5.5%	10.7%
BNP Paribas	11.0	45%	149%	17.9%	9.2	45%	87%	17.7%	2,613	30%	90%	18.4%
Société Générale	8.8	57%	41%	14.4%	8.0	37%	27%	15.3%	1,561	17%	18%	11.0%
Commerzbank	8.3	-6.3%	-13%	13.6%	15.8	-9.6%	-7.8%	30.4%	3,071	-8.2%	-7.7%	21.6%
ING	7.8	-5.4%	-2.0%	12.7%	3.4	5.3%	-31%	6.5%	2,785	6.4%	-2.9%	19.6%
RBS	4.8	-15%	-64%	7.9%	0.8	-24%	-89%	1.6%	626	-20%	-75%	4.4%
Citi	3.9	30%	26%	6.4%	8.2	21%	15%	15.7%	1,485	12%	15%	10.4%
BCP	2.6	-5.3%	3.6%	4.3%	0.1	8.7%	4.5%	0.2%	314	-21%	-23%	2.2%
Unicredit	0.6	44%	-3.8%	0.9%	0.5	-12%	-34%	1.0%	171	0.5%	18%	1.2%
Barclays	0.2	-18%	-40%	0.4%	0.2	-41%	-46%	0.3%	78	-23%	-48%	0.5%
Total	61.2	12%	3.9%		52.1	8.6%	-5.3%		14,232	4.2%	-3.9%	

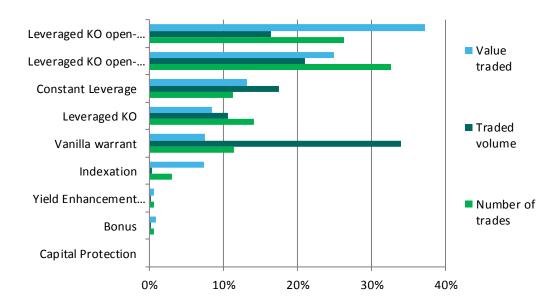


#### **Product types**

The table below displays the daily averages of traded value, traded volume and number of trades across all Euronext markets per issuer, as well as the variation over the previous month and the weight of each issuer over the total of all Euronext markets.

The chart at the bottom of the page represents the weight of each issuer in terms of traded value, traded volume and number of trades.

	Value traded Daily Month vs. YTD Market					Traded	volume		Ν	lumber c	oftrades	
Product type	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market
	average	on		share	average	on		share	average	on		share
	(in M€)	month			(in M)	month				month		
Leveraged KO open-end	22.8	2.6%	4.8%	37.3%	8.5	1.4%	-10%	16.4%	3,734	-1.0%	-7.2%	26.2%
Leveraged KO open-end BEST	15.2	8.8%	-5.4%	24.9%	10.9	4.8%	-27%	21.0%	4,646	8.1%	-3.7%	32.6%
Constant Leverage	8.1	29%	12%	13.2%	9.2	12%	12%	17.6%	1,598	16%	15%	11.2%
Leveraged KO	5.2	23%	0.8%	8.4%	5.5	8.5%	-18%	10.6%	2,010	1.8%	-14%	14.1%
Vanilla warrant	4.6	19%	16%	7.5%	17.8	13%	16%	34.1%	1,626	3.8%	5.5%	11.4%
Indexation	4.5	26%	30%	7.3%	0.2	21%	14%	0.3%	439	-8.6%	-8.2%	3.1%
Yield Enhancement & Other	0.4	24%	-30%	0.6%	0.0	53%	-20%	0.0%	94	11%	-9.6%	0.7%
Bonus	0.5	-0.7%	-37%	0.9%	0.0	6.4%	-53%	0.1%	85	-15%	-27%	0.6%
Capital Protection			-100%				-100%				-100%	
Total	61.2	12%	3.9%		52	8.6%	-5.3%		14,233	4.2%	-4.0%	

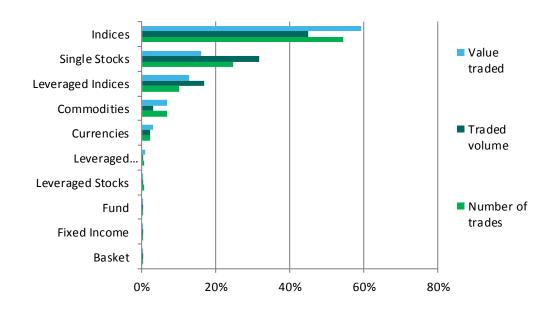


#### **Underlying types**

The table below displays the daily averages of traded value, traded volume and number of trades across all Euronext markets per underlying type, as well as the variation over the previous month and the weight of each underlying type over the total of all Euronext markets.

The chart at the bottom of the page represents the weight of each underlying type in terms of traded value, traded volume and number of trades.

		Value t	raded			Traded	volume		Ν	lumber c	oftrades	
Underlying type	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market
	average	on		share	average	on		share	average	on		share
	(in M€)	month			(in M)	month				month		
Indices	36.4	9.7%	2.0%	59.5%	23.5	10%	-11%	45.1%	7,759	6.2%	-5.7%	54.6%
Single Stocks	9.8	-9.2%	-19%	15.9%	16.5	2.0%	-11%	31.7%	3,513	-7.2%	-16%	24.7%
Leveraged Indices	7.8	34%	14%	12.8%	8.8	12%	11%	16.8%	1,452	18%	14%	10.2%
Commodities	4.2	34%	64%	6.8%	1.6	28%	42%	3.2%	968	15%	36%	6.8%
Currencies	1.9	25%	108%	3.1%	1.2	18%	84%	2.3%	342	9.4%	40%	2.4%
Leveraged Commodities	0.6	349%	436%	1.0%	0.2	61%	227%	0.4%	76	43%	163%	0.5%
Leveraged Stocks	0.2	3.3%	-4.9%	0.4%	0.1	-17%	-38%	0.3%	74	-17%	-14%	0.5%
Fund	0.2	497%	-23%	0.3%	0.0	504%	-41%	0.0%	2	-58%	-72%	0.0%
Fixed Income	0.1	130%	-22%	0.2%	0.0	105%	-32%	0.1%	26	64%	-31%	0.2%
Basket	0.1	-32%	-46%	0.1%	0.0	-28%	-47%	0.0%	8	7.9%	-31%	0.1%
Total	61.2	11%	3.9%		52	8.5%	-5.3%		14,220	4.2%	-4.0%	

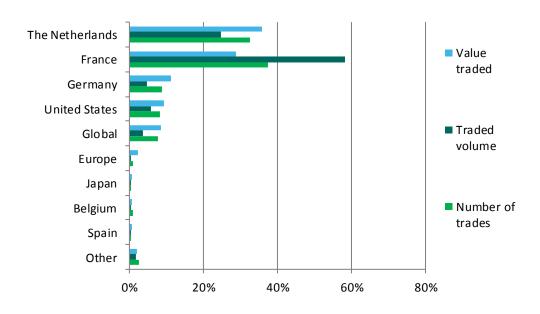


#### Top 10 underlying countries

The table below displays the daily averages of traded value, traded volume and number of trades across all Euronext markets per country of origin of the underlying, as well as the variation over the previous month and the weight of each underlying country of origin over the total of all Euronext markets.

The chart at the bottom of the page represents the weight of each underlying country of origin in terms of traded value, traded volume and number of trades.

	Value traded Daily Month vs. YTD Market					Traded	volume		N	lumber o	oftrades	
Underlying country	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market
	average	on		share	average	on		share	average	on		share
	(in M€)	month			(in M)	month				month		
The Netherlands	21.9	8.8%	-6.5%	35.9%	12.9	5.1%	-28%	24.7%	4,648	7.4%	-9.8%	32.7%
France	17.6	20%	0.0%	28.8%	30.4	12%	5.0%	58.2%	5,341	6.2%	-2.2%	37.5%
Germany	6.9	1.5%	8.2%	11.3%	2.5	12%	-3.9%	4.7%	1,243	-1.9%	-11%	8.7%
United States	5.7	-2.8%	30%	9.4%	3.0	-4.5%	21%	5.7%	1,158	-5.5%	3.2%	8.1%
Global	5.1	43%	70%	8.4%	2.0	28%	50%	3.7%	1,104	15%	38%	7.8%
Europe	1.4	9.7%	14%	2.4%	0.2	-0.6%	33%	0.4%	115	-14%	-16%	0.8%
Japan	0.5	45%	52%	0.8%	0.1	-26%	-12%	0.1%	62	-26%	-2.0%	0.4%
Belgium	0.4	-0.6%	-28%	0.7%	0.2	-16%	-51%	0.5%	142	14%	-14%	1.0%
Spain	0.3	1.9%	-7.0%	0.5%	0.1	94%	19%	0.2%	55	-4.3%	-20%	0.4%
Other	1.2	-15%	-28%	1.9%	0.9	-21%	-25%	1.6%	359	-19%	-19%	2.5%
Total	61.0	11%	3.7%		52	8.5%	-5.3%		14,227	4.2%	-4.0%	



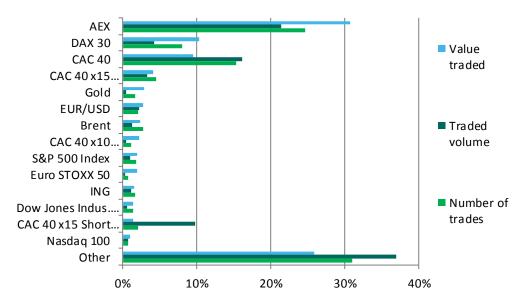
## Top 15 underlyings

The table below displays the daily averages of traded value, traded volume and number of trades across all Euronext markets for the top 15 underlyings, as well as the variation over the previous month and the weight of each of the top 15 underlyings over the total of all Euronext markets.

The chart at the bottom of the page represents the weight of each of the top 15 underlyings in terms of traded value, traded volume and number of trades.

		Value t	raded			Traded	volume		N	lumber o	oftrades	
Underlying	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market
	average	on		share	average	on		share	average	on		share
	(in M€)	month			(in M)	month				month		
AEX	18.8	15%	-3.1%	30.7%	11.2	6.2%	-28%	21.5%	3,513	16%	-7.9%	24.7%
DAX 30	6.3	3.3%	7.9%	10.3%	2.2	20%	1.9%	4.3%	1,151	-1.1%	-9.6%	8.1%
CAC 40	5.8	14%	-2.0%	9.5%	8.4	21%	16%	16.1%	2,191	5.7%	-1.7%	15.4%
CAC 40 x15 Leveraged Index	2.5	28%	12%	4.1%	1.7	115%	281%	3.3%	641	38%	37%	4.5%
Gold	1.8	-4.5%	23%	2.9%	0.2	-38%	-35%	0.4%	234	-31%	-28%	1.6%
EUR/USD	1.7	30%	121%	2.8%	1.1	22%	89%	2.2%	301	16%	42%	2.1%
Brent	1.4	177%	287%	2.3%	0.7	105%	338%	1.3%	399	100%	338%	2.8%
CAC 40 x10 Leveraged Index	1.3	53%	-2.0%	2.2%	0.2	95%	98%	0.4%	168	45%	7.6%	1.2%
S&P 500 Index	1.2	-16%	9.9%	2.0%	0.5	-14%	7.3%	1.0%	250	-17%	4.9%	1.8%
Euro STOXX 50	1.2	-6.4%	20%	1.9%	0.2	-11%	55%	0.3%	106	-14%	-12%	0.7%
ING	0.9	-14%	-18%	1.5%	0.6	6.0%	-27%	1.1%	246	9.1%	-8.2%	1.7%
Dow Jones Indus. Avg.	0.9	-15%	3.9%	1.5%	0.3	-47%	-0.8%	0.6%	194	-19%	3.1%	1.4%
CAC 40 x15 Short Index	0.9	-6.5%	-14%	1.4%	5.1	-3.2%	11%	9.8%	304	-16%	7.2%	2.1%
Nasdaq 100	0.6	-7.5%	50%	1.1%	0.4	-1.8%	38%	0.8%	110	-12%	-1.2%	0.8%
Other	15.9	10%	-1.6%	25.9%	19.2	3.7%	-12%	36.9%	4,423	-4.3%	-12%	31.1%
Total	61.2	12%	3.9%		52	8.6%	-5.3%		14,232	4.2%	-3.9%	

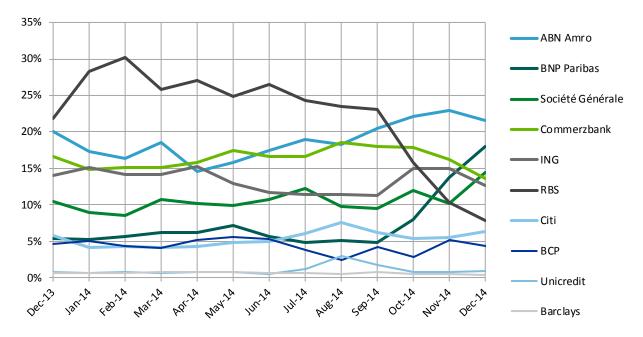




## MARKET TREND: ISSUERS

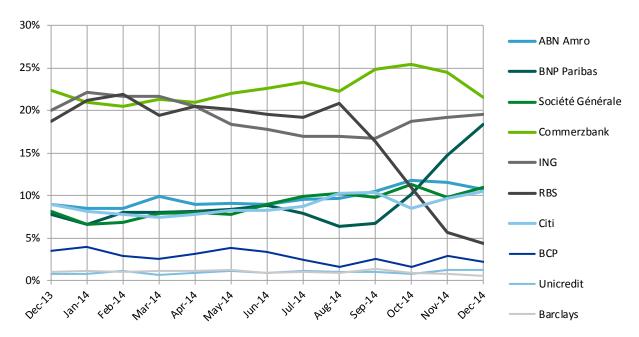
#### Value traded

The historical graph below displays the weight of the traded value of each issuer over the total traded value across all Euronext markets.



## Number of transactions

The historical graph below displays the weight of the traded volume of each issuer over the total traded volume across all Euronext markets.

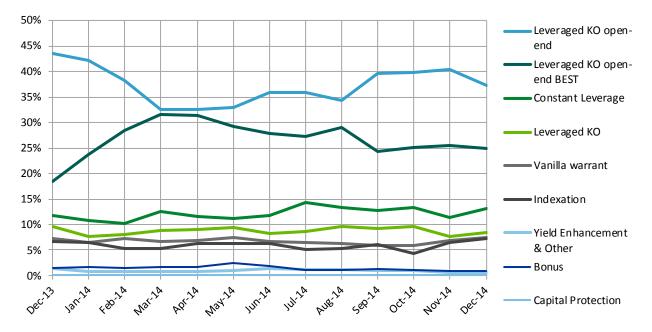


Market Activity Report - Warrants & Certificates - Euronext Markets - December 2014 11

## MARKET TREND: PRODUCT TYPES

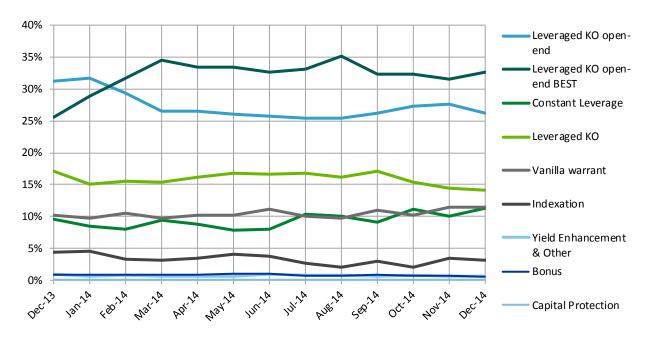
#### Value traded

The historical graph below displays the weight of the traded value of each product type over the total traded value across all Euronext markets.



## Number of transactions

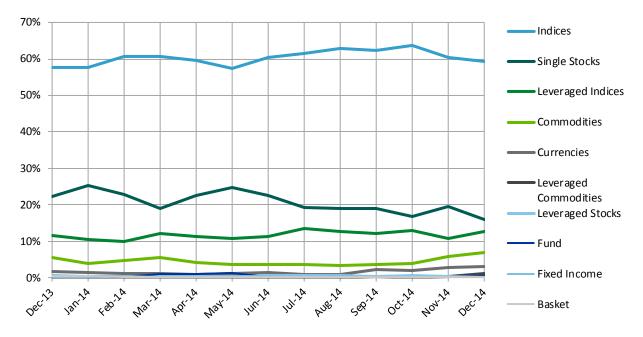
The historical graph below displays the weight of the traded volume of each product type over the total traded volume across all Euronext markets.



# MARKET TREND: UNDERLYING TYPES

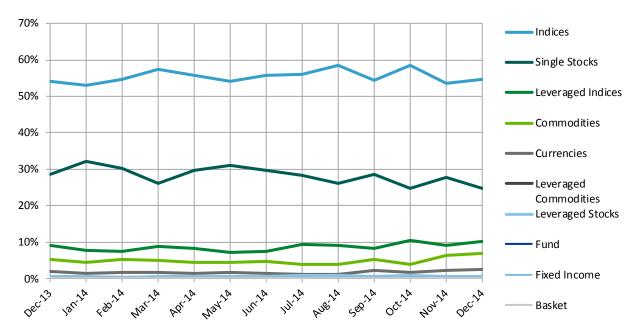
#### Value traded

The historical graph below displays the weight of the traded value of each underlying type over the total traded value across all Euronext markets.



## Number of transactions

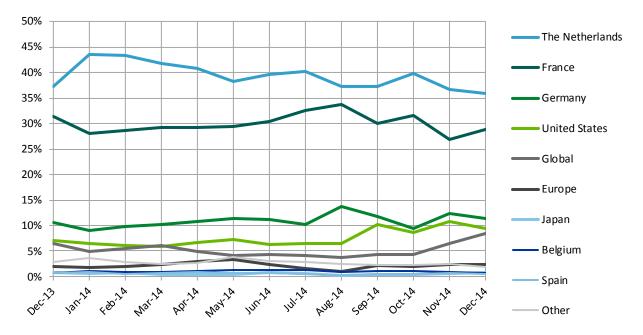
The historical graph below displays the weight of the traded volume of each underlying type over the total traded volume across all Euronext markets.



# MARKET TREND: UNDERLYING COUNTRIES

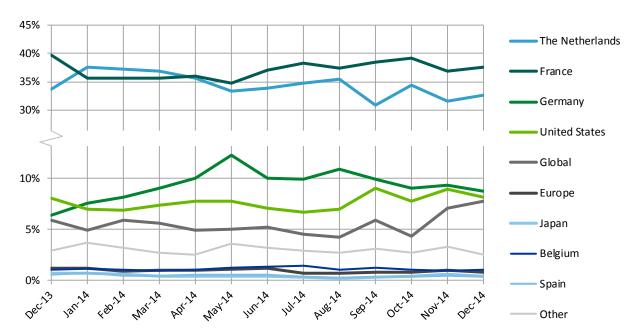
#### Value traded

The historical graph below displays the weight of the traded value of each underlying country of origin over the total traded value across all Euronext markets.



## Number of transactions

The historical graph below displays the weight of the traded volume of each underlying country of origin over the total traded volume across all Euronext markets.

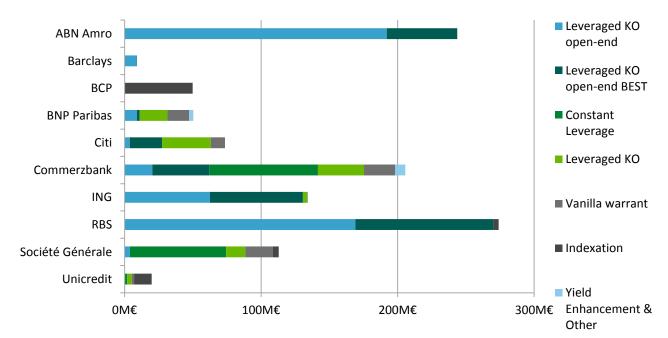


14 Market Activity Report - Warrants & Certificates - Euronext Markets - December 2014

# **ISSUER ACTIVITY**

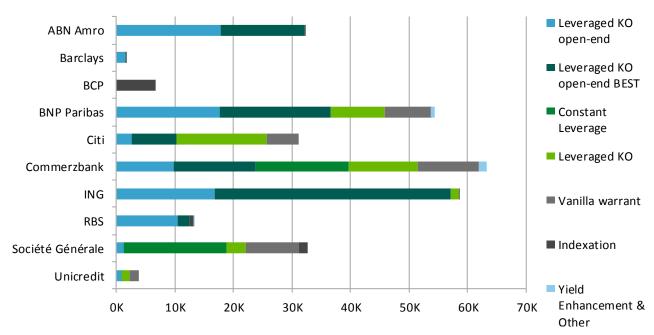
#### Value traded

The chart below displays the value traded per product type (in million Euros) for each issuer active in an Euronext market.



## Number of transactions

The chart below displays the number of trades per product type for each issuer active in an Euronext market.

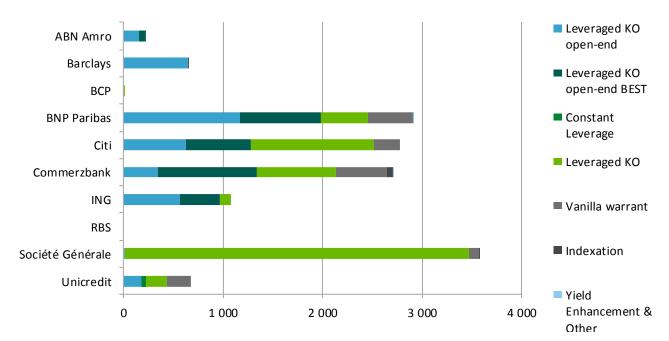


Market Activity Report - Warrants & Certificates - Euronext Markets - December 2014 15

# **ISSUER ACTIVITY: NEW LISTINGS**

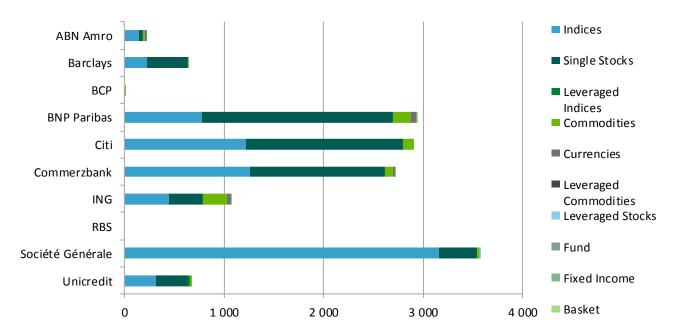
#### **Product types**

The chart below displays the number of new product listings during the month per product type for each issuer active in an Euronext market.



## **Underlying types**

The chart below displays the number of new product listings during the month per underlying type for each issuer active in an Euronext market.

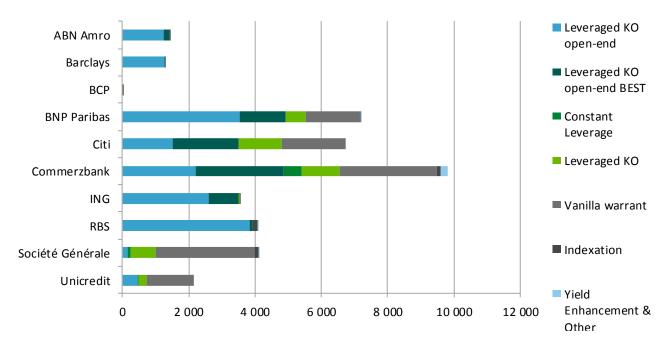


16 Market Activity Report - Warrants & Certificates - Euronext Markets - December 2014

# **ISSUER ACTIVITY: PRODUCT RANGE**

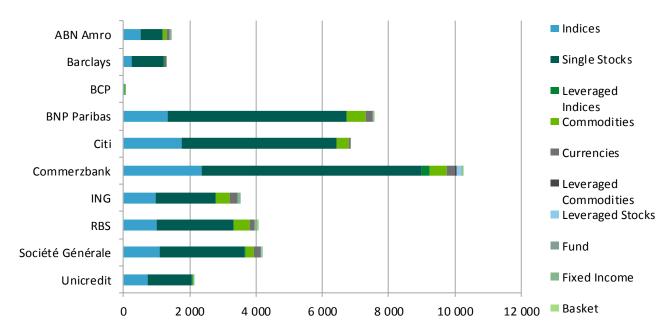
#### **Product types**

The chart below displays the number of existing product listings per product type for each issuer active in an Euronext market.



## **Underlying types**

The chart below displays the number of existing product listings per underlying type for each issuer active in an Euronext market.



Market Activity Report - Warrants & Certificates - Euronext Markets - December 2014 17

# **TOP 50 TRADED PRODUCTS**

## Top 50 traded products

The table below displays the 50 most traded products (in terms of value traded) across all Euronext markets.

Trading symbol	ISIN Code	Product type	lssuer	Name	Number of trades	Value traded (in K€)
LV15Z	DE000CZ5L7J5	Constant Leverage	Commerzbank	LV15Z PI OPENZ	8,467	32,625
6998S	FR0011214527	Constant Leverage	Société Générale	CAC10 PI OPENS	2,986	24,796
E962A	NL0010335006	Leveraged KO open-end	ABN Amro	AEX 460TS OPENA	1,151	19,830
CL15S	FR0011654441	Constant Leverage	Société Générale	.CA15 PI OPENS	4,986	19,769
1025P	PTBIVRYE0068	Pure indexation	BCP	ESTX PI OPENP	1,382	15,301
E961A	NL0010334991	Leveraged KO open-end	ABN Amro	AEX 480TS OPENA	189	14,411
1029P	PTBITAYE0046	Pure indexation	BCP	SP500 PI OPENP	1,360	12,773
HH93A	NL0010719266	Leveraged KO open-end	ABN Amro	AEX 388.3TL OPENA	307	12,079
7731S	FR0010961078	Constant Leverage	Société Générale	CAC5L PI OPENS	952	10,352
CS15S	FR0011654458	Constant Leverage	Société Générale	.CA15 PI OPENS	3,018	9,844
SR15Z	DE000CZ8VJG3	Constant Leverage	Commerzbank	CAC40 PI OPENZ	2,792	7,982
HG42A	NL0010717773	Leveraged KO open-end BEST	ABN Amro	AEX 383.3TRLOPENA	154	7,363
SGQ6S	FR0012143865	Pure indexation	Société Générale	CAC6S PI OPENS	44	6,402
BRS5S	FR0011334887	Constant Leverage	Société Générale	SGBR5 PI OPENS	136	6,127
HE10A	NL0010715454	Leveraged KO open-end BEST	ABN Amro	AEX 437.2TRSOPENA	1,193	5,940
AN20B	NL0010895223	Leveraged KO open-end BEST	BNP Paribas	AEX 388BL OPENB	615	5,844
CS10S	FR0011451087	Constant Leverage	Société Générale	CA10S PI OPENS	1,123	5,811
1027P	PTBITEYE0034	Pure indexation	BCP	DAX PI OPENP	701	5,702
CL12S	FR0011488303	Constant Leverage	Société Générale	CA12L PLOPENS	1,010	5,546
SGQ7S	FR0012143873	Pure indexation	Société Générale	CAC7S PLOPENS	135	5,395
AM08B	NL0010894101		BNP Paribas	AEX 386BL OPENB	322	5,196
		Leveraged KO open-end BEST				
1028P	PTBIY1YE0064	Pure indexation	BCP Société Générale	PSI 2 PI OPENP	615 97	4,856 4,728
SGQ5S	FR0012143824	Pure indexation		CAC5S PLOPENS		
HL85A	NL0010992905	Leveraged KO open-end	ABN Amro	AEX 424.6TS OPENA	376	4,553
AZ64B	NL0010907663	Leveraged KO open-end BEST	BNP Paribas	AEX 432.6BS OPENB	124	4,418
HN06A	NL0010994117	Leveraged KO open-end	ABN Amro	AEX 408.1TL OPENA	288	4,381
1023P	PTBIXRYE0025	Pure indexation	BCP	IBEX PI OPENP	592	4,349
HK41A	NL0010720769	Leveraged KO open-end	ABN Amro	AEX 410TL OPENA	198	4,286
HE49A	NL0010715843	Leveraged KO open-end	ABN Amro	EUUSD1.308TS OPENA	64	4,272
BF85B	NL0010913877	Leveraged KO open-end BEST	BNP Paribas	AEX 409.1BL OPENB	647	4,216
НК93А	NL0010991980	Leveraged KO open-end	ABN Amro	AEX 418TL OPENA	301	4,158
BRL5S	FR0011334879	Constant Leverage	Société Générale	SGBR5 PI OPENS	567	4,085
HK89A	NL0010991949	Leveraged KO open-end	ABN Amro	AEX 436.6TS OPENA	345	4,085
7612A	NL0009727932	Leveraged KO open-end	ABN Amro	DAX 4620TL OPENA	4	4,049
7450A	NL0009726314	Leveraged KO open-end	ABN Amro	AEX 216TL OPENA	8	3,991
1032P	PTBCS1YE0010	Pure indexation	BCP	NIKEI PI OPENP	641	3,799
SGR3S	FR0012189249	Constant Leverage	Société Générale	LDAX8 LEVOPENS	41	3,797
HH69A	NL0010719035	Leveraged KO open-end BEST	ABN Amro	AEX 388.4TRLOPENA	546	3,763
V980B	NL0010640132	Vanilla warrant	BNP Paribas	PWLDT99.81C 1224B	10	3,632
H998A	NL0010710752	Leveraged KO open-end	ABN Amro	AEX 449.5TS OPENA	451	3,602
HK58A	NL0010991634	Leveraged KO open-end	ABN Amro	AEX 413TL OPENA	283	3,552
HK88A	NL0010991931	Leveraged KO open-end	ABN Amro	AEX 440.6TS OPENA	227	3,518
HK81A	NL0010991865	Leveraged KO open-end BEST	ABN Amro	DAX 10193TRSOPENA	519	3,465
I10GS	FR0011630474	Pure indexation	Société Générale	.SGIX PI OPENS	468	3,358
6134S	FR0012208239	Leveraged KO	Société Générale	DAX 7700TL 0315S	15	3,246
X928G	NL0010819322	Leveraged KO open-end BEST	ING	AEX 436.2SPSOPENG	1,719	3,153
LV10Z	DE000CZ28ZC2	Constant Leverage	Commerzbank	LV10Z FACOPENZ	548	3,052
AB39B	NL0010873899	Leveraged KO open-end BEST	BNP Paribas	AEX 436.7BS OPENB	915	2,957
HK73A	NL0010991782	Leveraged KO open-end BEST	ABN Amro	AEX 415.4TRLOPENA	283	2,947
IIII JA						.,,



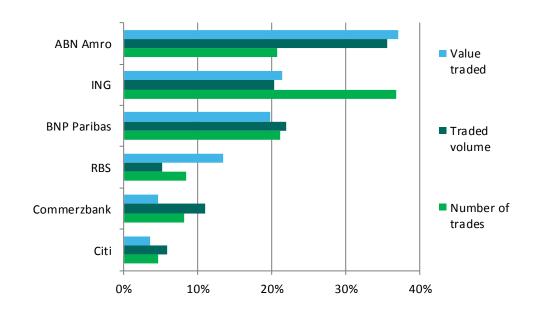
# **Euronext Amsterdam**

#### Issuers

The table below displays the daily averages of traded value, traded volume and number of trades on Euronext Amsterdam per issuer, as well as the variation over the previous month and the weight of each issuer over the total of Euronext Amsterdam.

The chart at the bottom of the page represents the weight of each issuer in terms of traded value, traded volume and number of trades.

	Value traded					Traded	volume		Ν	lumber c	oftrades	
Issuer	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market
	average	on		share	average	on		share	average	on		share
	(in M€)	month			(in M)	month				month		
ABN Amro	13.2	5.2%	20%	37.2%	5.8	-6.6%	-2.0%	35.7%	1,528	-3.4%	5.5%	20.8%
ING	7.6	-4.9%	-2.0%	21.4%	3.3	6.0%	-31%	20.4%	2,703	7.7%	-2.9%	36.8%
BNP Paribas	7.0	34%	459%	19.8%	3.6	40%	482%	22.0%	1,557	39%	452%	21.2%
RBS	4.8	-14%	-64%	13.4%	0.8	-24%	-89%	5.2%	616	-20%	-75%	8.4%
Commerzbank	1.7	-0.3%	-2.2%	4.7%	1.8	7.1%	-3.8%	11.0%	603	-15%	-5.4%	8.2%
Citi	1.3	82%	53%	3.5%	1.0	34%	12%	5.8%	339	8.4%	12%	4.6%
Total	35.6	5.4%	-0.5%		16.4	5.8%	-24%		7,347	4.9%	-7.4%	

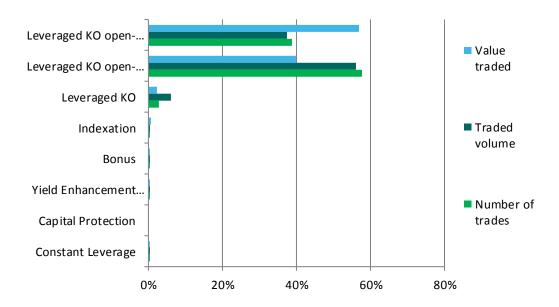


#### **Product types**

The table below displays the daily averages of traded value, traded volume and number of trades on Euronext Amsterdam per issuer, as well as the variation over the previous month and the weight of each issuer over the total of Euronext Amsterdam.

The chart at the bottom of the page represents the weight of each issuer in terms of traded value, traded volume and number of trades.

	Value traded Daily Month vs. YTD Marke					Traded	volume		N	lumber o	oftrades	
Product type	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market
	average	on		share	average	on		share	average	on		share
	(in M€)	month			(in M)	month				month		
Leveraged KO open-end	20.2	1.9%	4.8%	56.9%	6.1	3.3%	-8.1%	37.4%	2,846	-0.1%	-8.9%	38.7%
Leveraged KO open-end BEST	14.2	8.5%	-8.0%	39.8%	9.2	3.4%	-34%	56.2%	4,243	9.1%	-5.9%	57.7%
Leveraged KO	0.8	46%	26%	2.4%	1.0	61%	20%	6.0%	216	-9.2%	-19%	2.9%
Indexation	0.3	25%	2.4%	0.8%	0.0	-14%	-37%	0.1%	24	35%	-0.7%	0.3%
Bonus	0.0	-46%	-76%	0.1%	0.0	173%	-46%	0.0%	3	-42%	-67%	0.0%
Yield Enhancement & Other	0.0	53%	16%	0.1%	0.0	57%	6.2%	0.1%	1	29%	-9.3%	0.0%
Capital Protection			-100%				-100%				-100%	
Constant Leverage	0.0	53%	99%	0.0%	0.0	246%	119%	0.2%	15	97%	284%	0.2%
Total	35.6	05%	00%		16	06%	- 24%		7,348	05%	- 07%	

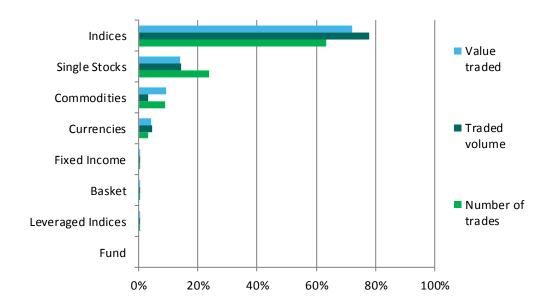


#### **Underlying types**

The table below displays the daily averages of traded value, traded volume and number of trades on Euronext Amsterdam per underlying type, as well as the variation over the previous month and the weight of each underlying type over the total of Euronext Amsterdam.

The chart at the bottom of the page represents the weight of each underlying type in terms of traded value, traded volume and number of trades.

		Value t	raded			Traded	volume		Ν	lumber c	oftrades	
Underlying type	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market
	average	on		share	average	on		share	average	on		share
	(in M€)	month			(in M)	month				month		
Indices	25.7	7.1%	-2.2%	72.3%	12.7	5.9%	-27%	77.8%	4,663	10%	-8.1%	63.5%
Single Stocks	4.9	-19%	-24%	13.9%	2.4	-9.5%	-30%	14.4%	1,752	-11%	-18%	23.9%
Commodities	3.3	30%	61%	9.2%	0.5	0.0%	-7.5%	3.0%	650	10%	23%	8.9%
Currencies	1.5	40%	127%	4.1%	0.7	122%	210%	4.4%	230	23%	50%	3.1%
Fixed Income	0.1	166%	-15%	0.3%	0.0	111%	-29%	0.2%	23	104%	-28%	0.3%
Basket	0.1	-31%	-44%	0.2%	0.0	-28%	-46%	0.0%	8	12%	-30%	0.1%
Leveraged Indices	0.0	88%	134%	0.0%	0.0	423%	466%	0.1%	14	107%	393%	0.2%
Fund			-100%				-100%				-100%	
Total	35.5	5.3%	-0.5%		16	5.8%	-24%		7,341	4.8%	-7.5%	

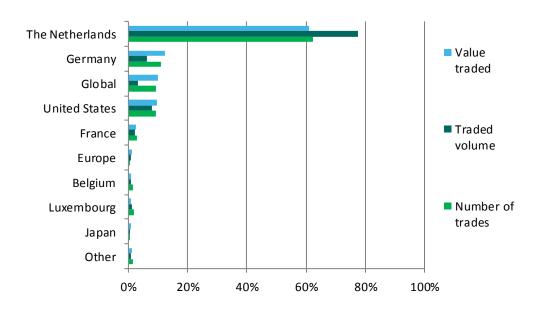


#### Top 10 underlying countries

The table below displays the daily averages of traded value, traded volume and number of trades on Euronext Amsterdam per country of origin of the underlying, as well as the variation over the previous month and the weight of each underlying country of origin over the total of Euronext Amsterdam.

The chart at the bottom of the page represents the weight of each underlying country of origin in terms of traded value, traded volume and number of trades.

	Value traded Daily Month vs. YTD Market					Traded v	volume		N	lumber c	oftrades	
Underlying country	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market
	average	on		share	average	on		share	average	on		share
	(in M€)	month			(in M)	month				month		
The Netherlands	21.7	8.6%	-6.8%	60.9%	12.7	5.8%	-28%	77.4%	4,569	7.9%	-10.0%	62.2%
Germany	4.4	-12%	-7.3%	12.3%	1.0	8.5%	-25%	6.1%	801	-2.9%	-13%	10.9%
Global	3.6	29%	55%	10.0%	0.5	-0.8%	-10%	3.2%	692	9.6%	20%	9.4%
United States	3.4	-5.5%	25%	9.6%	1.3	16%	40%	7.9%	674	2.1%	-1.1%	9.2%
France	0.8	9.8%	-14%	2.4%	0.3	-7.7%	-32%	2.0%	208	-7.8%	-13%	2.8%
Europe	0.4	-14%	48%	1.2%	0.1	-7.2%	54%	0.7%	37	-7.1%	16%	0.5%
Belgium	0.3	1.3%	-30%	0.9%	0.1	23%	-45%	0.8%	103	20%	-14%	1.4%
Luxembourg	0.3	-19%	-37%	0.8%	0.2	-18%	-28%	1.0%	124	-18%	-23%	1.7%
Japan	0.3	199%	121%	0.8%	0.0	2.5%	28%	0.2%	22	-11%	-3.7%	0.3%
Other	0.4	-8.9%	-8.9%	1.1%	0.1	1.9%	-9.8%	0.7%	117	-7.4%	5.4%	1.6%
Total	35.6	5.4%	-0.5%		16	5.8%	-24%		7,347	4.9%	-7.4%	



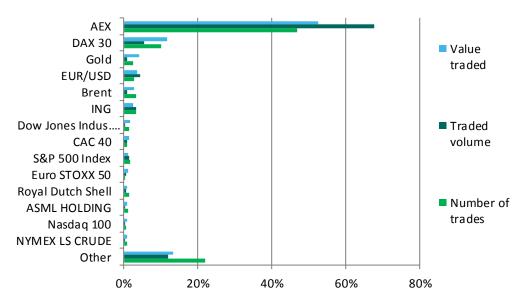
## Top 15 underlyings

The table below displays the daily averages of traded value, traded volume and number of trades on Euronext Amsterdam for the top 15 underlyings, as well as the variation over the previous month and the weight of each of the top 15 underlyings over the total of Euronext Amsterdam.

The chart at the bottom of the page represents the weight of each of the top 15 underlyings in terms of traded value, traded volume and number of trades.

		Value t	raded			Traded	volume		Ν	lumber c	oftrades	
Underlying	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market
	average	on		share	average	on		share	average	on		share
	(in M€)	month			(in M)	month				month		
AEX	18.7	15%	-3.2%	52.5%	11.1	6.9%	-28%	67.8%	3,452	16%	-8.3%	47.0%
DAX 30	4.2	-12%	-5.9%	11.7%	0.9	17%	-21%	5.6%	739	-2.2%	-10%	10.1%
Gold	1.5	-9.9%	26%	4.3%	0.1	-38%	-42%	0.8%	182	-29%	-31%	2.5%
EUR/USD	1.3	50%	150%	3.8%	0.7	136%	229%	4.3%	201	32%	53%	2.7%
Brent	1.0	236%	319%	2.9%	0.2	73%	251%	1.0%	256	105%	351%	3.5%
ING	0.9	-14%	-18%	2.6%	0.6	6.9%	-25%	3.4%	242	8.4%	-8.8%	3.3%
Dow Jones Indus. Avg.	0.6	-9.4%	1.6%	1.7%	0.1	19%	-25%	0.5%	100	2.0%	-10.0%	1.4%
CAC 40	0.5	5.5%	-7.3%	1.3%	0.2	-18%	-31%	0.9%	71	-28%	-2.5%	1.0%
S&P 500 Index	0.4	-32%	-18%	1.2%	0.2	-28%	-2.1%	1.5%	130	-8.6%	5.5%	1.8%
Euro STOXX 50	0.4	-14%	50%	1.2%	0.1	-7.2%	55%	0.7%	37	-7.7%	17%	0.5%
Royal Dutch Shell	0.4	47%	19%	1.0%	0.1	112%	39%	0.7%	109	74%	78%	1.5%
ASML HOLDING	0.3	-23%	-0.3%	1.0%	0.1	9.1%	-19%	0.4%	89	-3.3%	-12%	1.2%
Nasdaq 100	0.3	-43%	22%	0.8%	0.1	-27%	-8.5%	0.4%	39	-15%	-8.6%	0.5%
NYMEX LS CRUDE	0.3	523%	312%	0.8%	0.1	761%	276%	0.3%	75	720%	313%	1.0%
Other	4.7	-12%	-22%	13.3%	1.9	-15%	-33%	11.9%	1,625	-16%	-22%	22.1%
Total	35.6	5.4%	-0.5%		16	5.8%	-24%		7,347	4.9%	-7.4%	

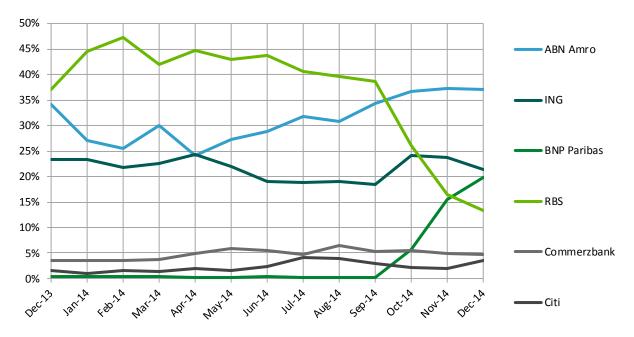




## MARKET TREND: ISSUERS

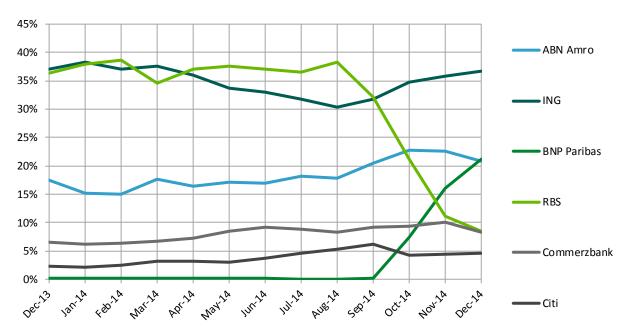
#### Value traded

The historical graph below displays the weight of the traded value of each issuer over the total traded value on Euronext Amsterdam.



## Number of transactions

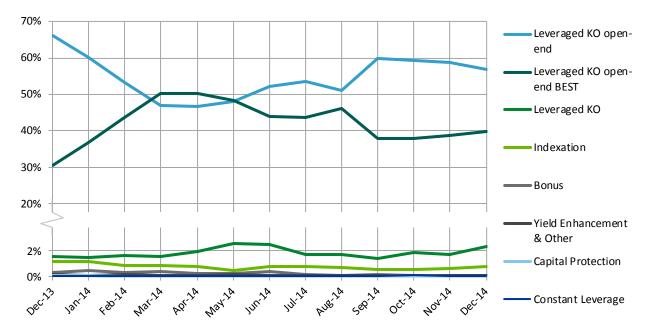
The historical graph below displays the weight of the traded volume of each issuer over the total traded volume on Euronext Amsterdam.



# MARKET TREND: PRODUCT TYPES

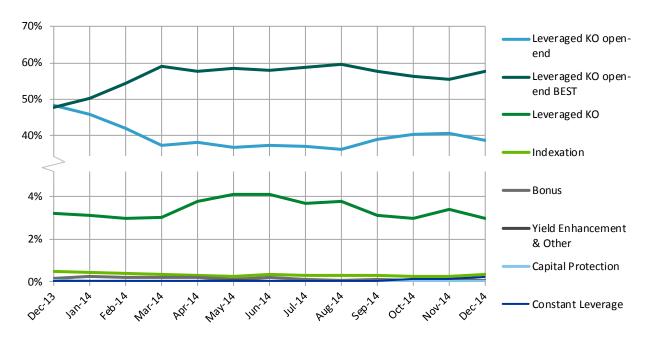
#### Value traded

The historical graph below displays the weight of the traded value of each product type over the total traded value on Euronext Amsterdam.



## Number of transactions

The historical graph below displays the weight of the traded volume of each product type over the total traded volume on Euronext Amsterdam.

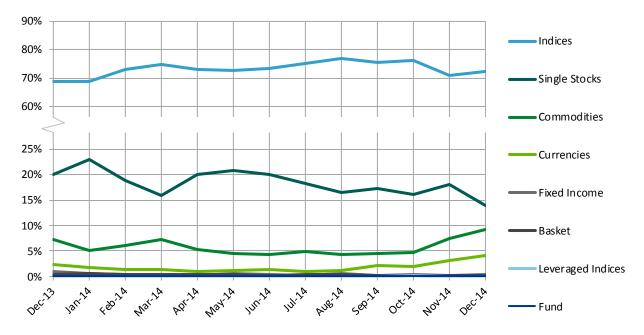


26 Market Activity Report - Warrants & Certificates - Euronext Amsterdam - December 2014

# MARKET TREND: UNDERLYING TYPES

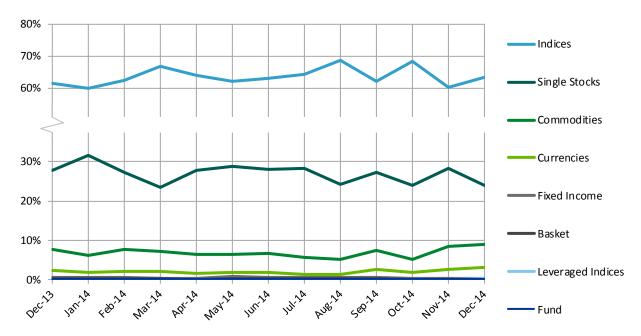
#### Value traded

The historical graph below displays the weight of the traded value of each underlying type over the total traded value on Euronext Amsterdam.



#### Number of transactions

The historical graph below displays the weight of the traded volume of each underlying type over the total traded volume on Euronext Amsterdam.

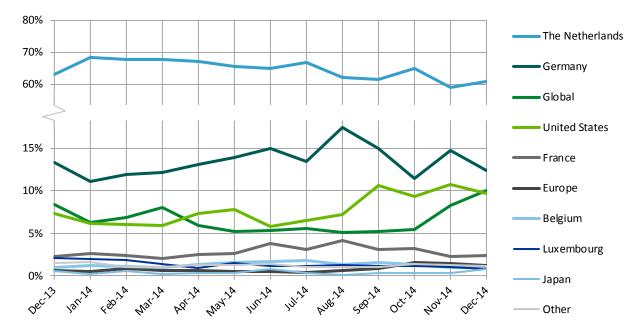


Market Activity Report - Warrants & Certificates - Euronext Amsterdam - December 2014 27

# MARKET TREND: UNDERLYING COUNTRIES

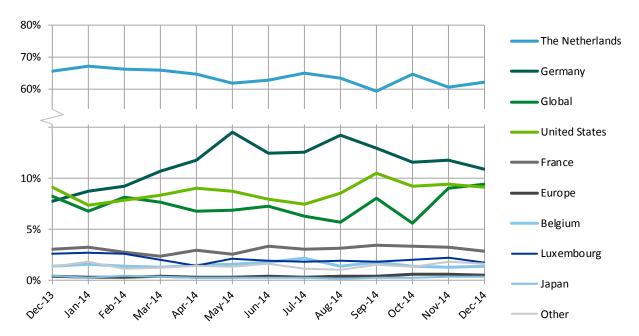
#### Value traded

The historical graph below displays the weight of the traded value of each underlying country of origin over the total traded value on Euronext Amsterdam.



## Number of transactions

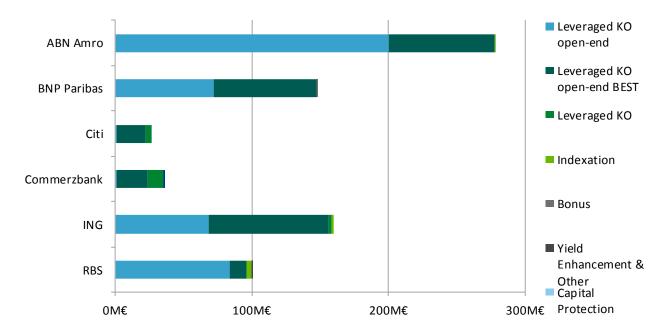
The historical graph below displays the weight of the traded volume of each underlying country of origin over the total traded volume on Euronext Amsterdam.



# **ISSUER ACTIVITY**

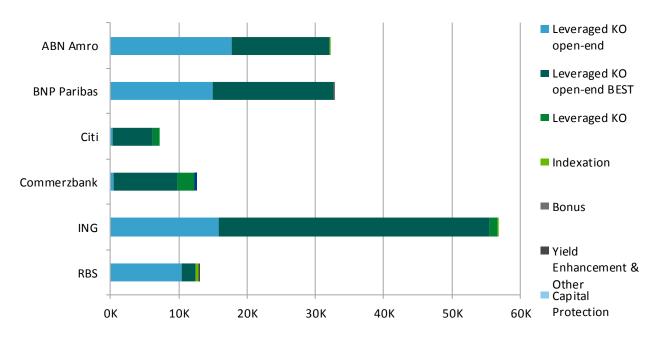
#### Value traded

The chart below displays the value traded per product type (in million Euros) for each issuer active in an Euronext market.



#### Number of transactions

The chart below displays the number of trades per product type for each issuer active in an Euronext market.

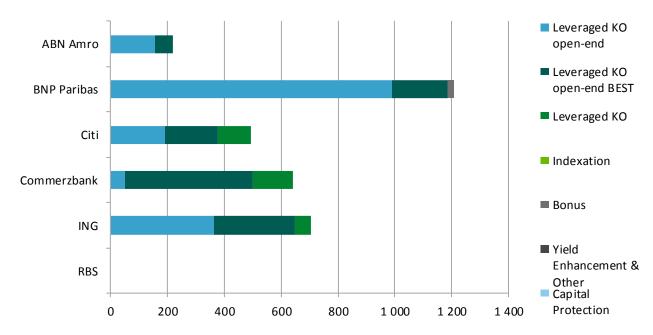


Market Activity Report - Warrants & Certificates - Euronext Amsterdam - December 2014 29

# **ISSUER ACTIVITY: NEW LISTINGS**

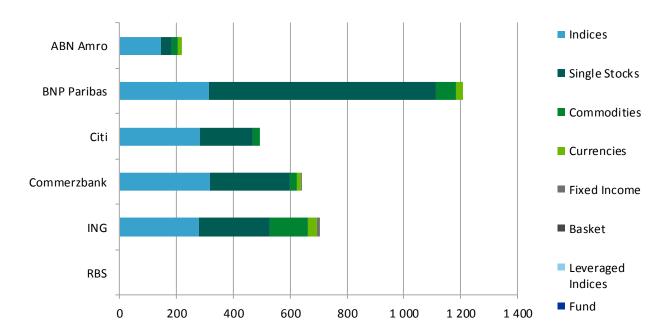
#### **Product types**

The chart below displays the number of new product listings during the month per product type for each issuer active in an Euronext market.



## **Underlying types**

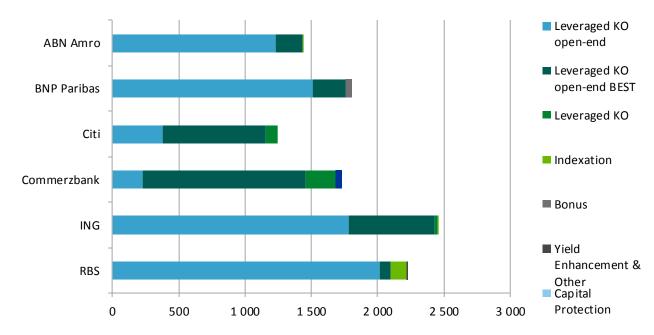
The chart below displays the number of new product listings during the month per underlying type for each issuer active in an Euronext market.



# ISSUER ACTIVITY: PRODUCT RANGE

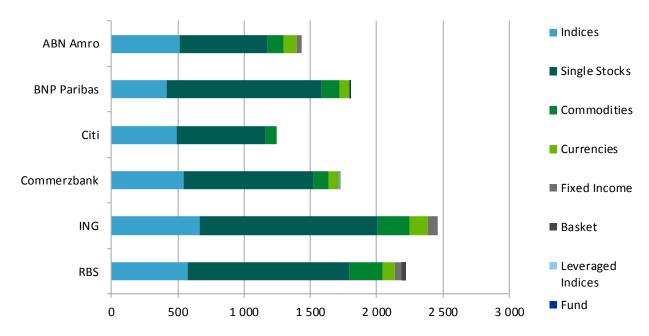
#### **Product types**

The chart below displays the number of existing product listings per product type for each issuer active in an Euronext market.



#### **Underlying types**

The chart below displays the number of existing product listings per underlying type for each issuer active in an Euronext market.



Market Activity Report - Warrants & Certificates - Euronext Amsterdam - December 2014 31

## Top 50 traded products

The table below displays the 50 most traded products (in terms of value traded) on Euronext Amsterdam.

Trading symbol	ISIN Code	Product type	lssuer	Name	Number of trades	Value traded
E962A	NL0010335006	Leveraged KO open-end	ABN Amro	AEX 460TS OPENA	1,151	(in K€) 19,830
E961A	NL0010334991	Leveraged KO open-end	ABN Amro	AEX 480TS OPENA	189	14,411
HH93A	NL0010719266	Leveraged KO open-end	ABN Amro	AEX 388.3TL OPENA	307	12,079
HG42A	NL0010717773	Leveraged KO open-end BEST	ABN Amro	AEX 383.3TRLOPENA	154	7,363
HE10A	NL0010715454	Leveraged KO open-end BEST	ABN Amro	AEX 383.3TREOPENA AEX 437.2TRSOPENA	1,193	5,940
AN20B	NL0010713434	Leveraged KO open-end BEST	BNP Paribas	AEX 388BL OPENB	615	5,844
AM08B	NL0010893223	Leveraged KO open-end BEST	BNP Paribas	AEX 386BL OPENB	322	5,844
		e ,				
HL85A	NL0010992905	Leveraged KO open-end	ABN Amro	AEX 424.6TS OPENA	376	4,553
AZ64B	NL0010907663	Leveraged KO open-end BEST	BNP Paribas	AEX 432.6BS OPENB	124	4,418
HN06A	NL0010994117	Leveraged KO open-end	ABN Amro	AEX 408.1TL OPENA	288	4,381
HK41A	NL0010720769	Leveraged KO open-end	ABN Amro	AEX 410TL OPENA	198	4,286
HE49A	NL0010715843	Leveraged KO open-end	ABN Amro	EUUSD1.308TS OPENA	64	4,272
BF85B	NL0010913877	Leveraged KO open-end BEST	BNP Paribas	AEX 409.1BL OPENB	647	4,216
НК93А	NL0010991980	Leveraged KO open-end	ABN Amro	AEX 418TL OPENA	301	4,158
HK89A	NL0010991949	Leveraged KO open-end	ABN Amro	AEX 436.6TS OPENA	345	4,085
7612A	NL0009727932	Leveraged KO open-end	ABN Amro	DAX 4620TL OPENA	4	4,049
7450A	NL0009726314	Leveraged KO open-end	ABN Amro	AEX 216TL OPENA	8	3,991
HH69A	NL0010719035	Leveraged KO open-end BEST	ABN Amro	AEX 388.4TRLOPENA	546	3,763
H998A	NL0010710752	Leveraged KO open-end	ABN Amro	AEX 449.5TS OPENA	451	3,602
HK58A	NL0010991634	Leveraged KO open-end	ABN Amro	AEX 413TL OPENA	283	3,552
HK88A	NL0010991931	Leveraged KO open-end	ABN Amro	AEX 440.6TS OPENA	227	3,518
HK81A	NL0010991865	Leveraged KO open-end BEST	ABN Amro	DAX 10193TRSOPENA	519	3,465
X928G	NL0010819322	Leveraged KO open-end BEST	ING	AEX 436.2SPSOPENG	1,719	3,153
AB39B	NL0010873899	Leveraged KO open-end BEST	BNP Paribas	AEX 436.7BS OPENB	915	2,957
HK73A	NL0010991782	Leveraged KO open-end BEST	ABN Amro	AEX 415.4TRLOPENA	283	2,947
A267C	DE000CF3AY56	Leveraged KO open-end BEST	Citi	AEX 368TL OPENC	80	2,745
HE09A	NL0010715447	Leveraged KO open-end BEST	ABN Amro	AEX 441.2TRSOPENA	350	2,738
AC77G	NL0010940672	Leveraged KO open-end BEST	ING	AEX 389.3SPLOPENG	1,122	2,668
F831A	NL0010498036	Leveraged KO open-end	ABN Amro	AEX 520TS OPENA	66	2,617
AN13B	NL0010895157	Leveraged KO open-end	BNP Paribas	AEX 390TL OPENB	362	2,597
HH92A	NL0010719258	Leveraged KO open-end	ABN Amro	AEX 389.3TL OPENA	357	2,584
B484N	NL0010519468	Leveraged KO open-end	RBS	ING 8.8TL OPENN	178	2,534
HL23A	NL0010992285	Leveraged KO open-end BEST	ABN Amro	DAX 9751TRLOPENA	336	2,511
HG53A	NL0010717880	Leveraged KO open-end BEST	ABN Amro	AEX 372.3TRLOPENA	41	2,479
AD35G	NL0010941159	Leveraged KO open-end BEST	ING	AEX 391.3SPLOPENG	392	2,476
C453C	DE000CF80NK4	Leveraged KO open-end BEST	Citi	AEX 480TS OPENC	77	2,471
HL00A	NL0010992053	Leveraged KO open-end	ABN Amro	DAX 9640TL OPENA	165	2,456
HK94A	NL0010991998	Leveraged KO open-end	ABN Amro	AEX 417TL OPENA	183	2,394
HM82A	NL0010993879	Leveraged KO open-end BEST	ABN Amro	AEX 403.7TRLOPENA	477	2,309
HG04A	NL0010717393	Leveraged KO open-end	ABN Amro	AEX 378.3TL OPENA	24	2,242
U939G	NL0010748091	Leveraged KO open-end	ING	NASDQ 3690SPLOPENG	66	2,216
4178A	NL0009607332	Leveraged KO open-end	ABN Amro	BRENT 66.8TL OPENA	450	2,189
AP02B	NL0010897047	Leveraged KO open-end BEST	BNP Paribas	DAX 9110BL OPENB	268	2,103
HG73A	NL0010718086	Leveraged KO open-end	ABN Amro	AEX 387.3TL OPENA	179	2,068
HH46A	NL0010718805	Leveraged KO open-end	ABN Amro	SILVE 14TL OPENA	136	2,000
AB72G	NL0010938825	Leveraged KO open-end BEST	ING	AEX 380.6SPLOPENG	130	2,000
BE65B	NL0010938823	Leveraged KO open-end BEST	BNP Paribas	AEX 380.03PLOPENG AEX 401.1BL OPENB	291	2,030
11K7Z	DE000CR4HDQ3	Leveraged KO open-end BEST		EUUSD 1.27TS 0315Z	128	1,963
		-	Commerzbank ING			1,963
Z785G A229C	NL0010829891	Leveraged KO open-end BEST		ESTX 2819SPLOPENG AEX 359TL OPENC	57	
	DE000CF3AX16 Ironext)	Leveraged KO open-end BEST	Citi	AEA 3391L UPEINC	10	1,81



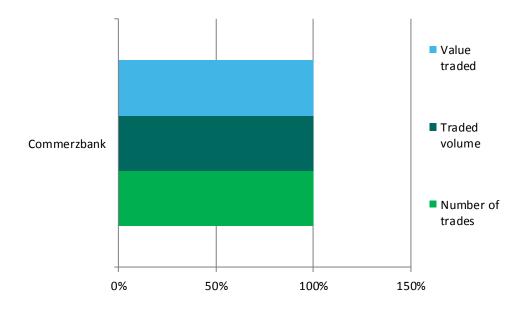
# **Euronext Brussels**

#### Issuers

The table below displays the daily averages of traded value, traded volume and number of trades on Euronext Brussels per issuer, as well as the variation over the previous month and the weight of each issuer over the total of Euronext Brussels.

The chart at the bottom of the page represents the weight of each issuer in terms of traded value, traded volume and number of trades.

	Value traded					Traded	volume		Number of trades			
Issuer	Daily	Month	vs.YTD	Market	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market
	average	on		share	average	on		share	average	on		share
	(in K€)	month			(in K)	month				month		
Commerzbank	228.6	-14%	0.0%	100.0%	215.7	-35%	-33%	100.0%	128	-3.4%	28%	100.0%
Total	228.6	-14%	0.0%		215.7	-35%	-33%		128	-3.4%	28%	

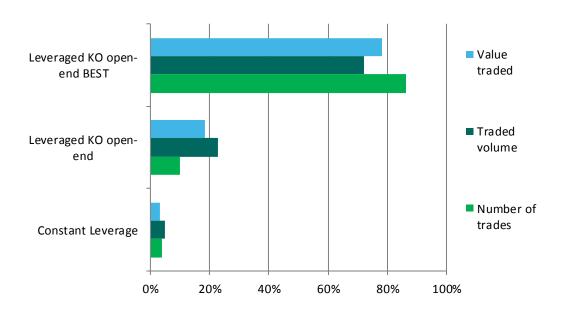


#### **Product types**

The table below displays the daily averages of traded value, traded volume and number of trades on Euronext Brussels per issuer, as well as the variation over the previous month and the weight of each issuer over the total of Euronext Brussels.

The chart at the bottom of the page represents the weight of each issuer in terms of traded value, traded volume and number of trades.

	Value traded					Traded	volume		Number of trades			
Product type	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market
	average	on		share	average	on		share	average	on		share
	(in K€)	month			(in K€)	month				month		
Leveraged KO open-end BEST	179.0	-12%	36%	78.3%	156.0	-36%	-17%	72.3%	110	-1.9%	65%	86.3%
Leveraged KO open-end	42.2	-23%	-53%	18.4%	49.4	-35%	-61%	22.9%	13	-19%	-56%	9.9%
Constant Leverage	7.4	-14%	-8.9%	3.2%	10.3	-13%	42%	4.8%	5	13%	31%	3.7%
Total	228.6	-14%	0.0%		215.7	-35%	-33%		128	-3.4%	28%	

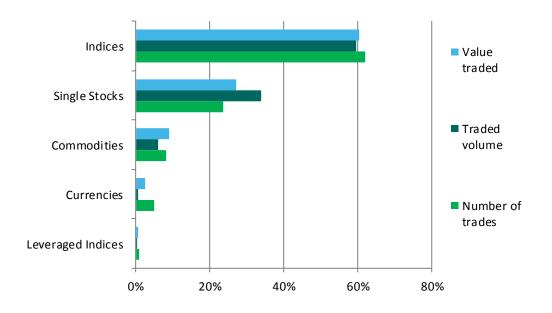


#### **Underlying types**

The table below displays the daily averages of traded value, traded volume and number of trades on Euronext Brussels per underlying type, as well as the variation over the previous month and the weight of each underlying type over the total of Euronext Brussels.

The chart at the bottom of the page represents the weight of each underlying type in terms of traded value, traded volume and number of trades.

	Value traded				Traded volume				Number of trades			
Underlying type	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market
	average	on		share	average	on		share	average	on		share
	(in K€)	month			(in K€)	month				month		
Indices	138.3	-10%	19%	60.5%	128.4	-36%	-28%	59.6%	79	-13%	33%	62.0%
Single Stocks	62.4	-13%	-33%	27.3%	73.1	-28%	-42%	33.9%	30	20%	2.3%	23.6%
Commodities	20.7	-43%	55%	9.1%	12.8	-55%	3.7%	5.9%	11	-4.3%	74%	8.2%
Currencies	5.8	29%	6.7%	2.5%	1.2	-41%	-71%	0.6%	7	33%	62%	5.1%
Leveraged Indices	1.4	103%	462%	0.6%	0.1	-86%	6.2%	0.1%	1	157%	556%	1.0%
Total	228.6	-14%	0.0%		215.7	-35%	-33%		128	-3.4%	28%	

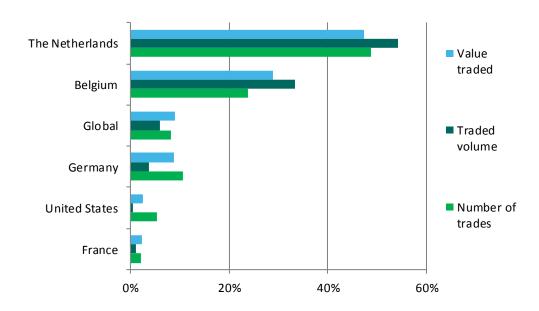


## Top 10 underlying countries

The table below displays the daily averages of traded value, traded volume and number of trades on Euronext Brussels per country of origin of the underlying, as well as the variation over the previous month and the weight of each underlying country of origin over the total of Euronext Brussels.

The chart at the bottom of the page represents the weight of each underlying country of origin in terms of traded value, traded volume and number of trades.

	Value traded Daily Month vs. YTD Market				Traded	olume		N	lumber c	oftrades		
Underlying country	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market
	average	on		share	average	on		share	average	on		share
	(in K€)	month			(in K)	month				month		
The Netherlands	107.9	-14%	13%	47.3%	116.9	-37%	-30%	54.2%	62	-17%	24%	48.7%
Belgium	66.1	-15%	-32%	29.0%	72.1	-27%	-43%	33.4%	30	15%	-2.4%	23.8%
Global	20.7	-45%	52%	9.1%	12.8	-58%	1.2%	5.9%	11	-5.6%	71%	8.3%
Germany	20.3	-0.1%	110%	8.9%	8.2	-38%	208%	3.8%	14	-2.4%	201%	10.6%
United States	5.9	29%	-3.1%	2.6%	1.3	-39%	-74%	0.6%	7	34%	53%	5.4%
France	5.4	356%	-13%	2.4%	2.4	59%	-72%	1.1%	3	191%	4.0%	2.2%
Other	1.8	165%	265%	0.8%	2.0	120%	324%	0.9%	1	233%	215%	1.0%
Total	228.2	-15%	-0.1%		215.6	-35%	-33%		128	-3.6%	28%	

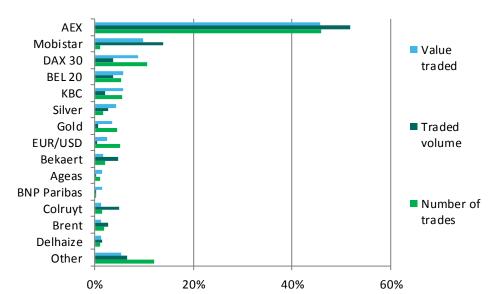


## Top 15 underlyings

The table below displays the daily averages of traded value, traded volume and number of trades on Euronext Brussels for the top 15 underlyings, as well as the variation over the previous month and the weight of each of the top 15 underlyings over the total of Euronext Brussels.

The chart at the bottom of the page represents the weight of each of the top 15 underlyings in terms of traded value, traded volume and number of trades.

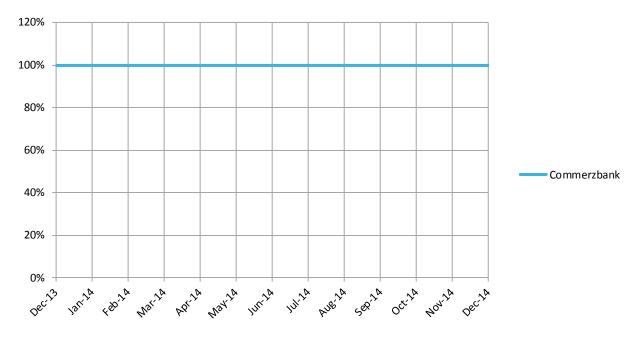
		Value t	raded			Traded	volume		N	lumber o	oftrades	
Underlying	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market
	average	on		share	average	on		share	average	on		share
	(in K€)	month			(in K)	month				month		
AEX	104.4	-14%	13%	45.7%	111.6	-36%	-30%	51.7%	59	-18%	22%	45.9%
Mobistar	22.3	-3.1%	144%	9.8%	30.1	-31%	36%	13.9%	1	-45%	3.5%	1.1%
DAX 30	20.3	-0.1%	110%	8.9%	8.2	-38%	208%	3.8%	14	-2.4%	201%	10.6%
BEL 20	13.2	21%	0.7%	5.8%	8.1	-24%	-35%	3.8%	7	34%	18%	5.3%
КВС	13.1	-35%	-53%	5.7%	4.7	-73%	-83%	2.2%	7	-13%	-14%	5.6%
Silver	9.7	-11%	96%	4.3%	5.7	-50%	-8.1%	2.6%	2	-35%	8.1%	1.8%
Gold	8.2	17%	72%	3.6%	1.3	-66%	37%	0.6%	6	13%	100%	4.5%
EUR/USD	5.8	29%	6.7%	2.5%	1.2	-41%	-71%	0.6%	7	33%	62%	5.1%
Bekaert	3.9	34%	18%	1.7%	10.0	109%	31%	4.7%	3	203%	39%	2.0%
Ageas	3.6	-63%	-59%	1.6%	0.8	-58%	-60%	0.4%	1	-13%	-14%	1.2%
BNP Paribas	3.5	ND	29%	1.5%	0.3	789%	1.6%	0.1%	0	-4.8%	-51%	0.3%
Colruyt	2.9	2.3%	-7.3%	1.3%	10.5	-7.9%	-10%	4.9%	2	-9.0%	24%	1.6%
Brent	2.8	-59%	11%	1.2%	5.7	-47%	15%	2.7%	3	68%	191%	2.0%
Delhaize	2.8	6.8%	-73%	1.2%	3.5	22%	-66%	1.6%	1	53%	-47%	1.1%
Other	12.1	-50%	-60%	5.3%	14.0	-42%	-71%	6.5%	15	54%	19%	12.1%
Total	228.6	-14%	0.0%		215.7	-35%	-33%		128	-3.4%	28%	



# MARKET TREND: ISSUERS

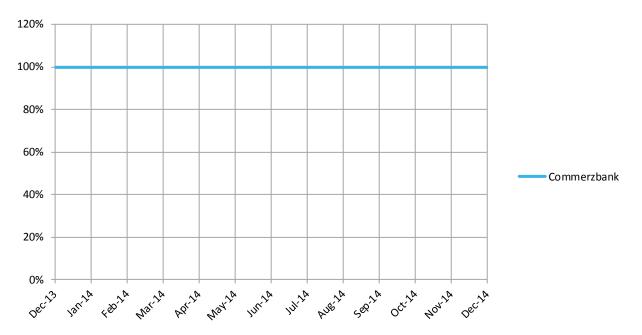
#### Value traded

The historical graph below displays the weight of the traded value of each issuer over the total traded value on Euronext Brussels.



## Number of transactions

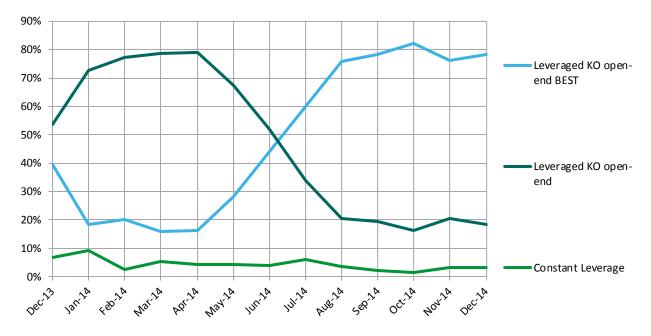
The historical graph below displays the weight of the traded volume of each issuer over the total traded volume on Euronext Brussels.



# MARKET TREND: PRODUCT TYPES

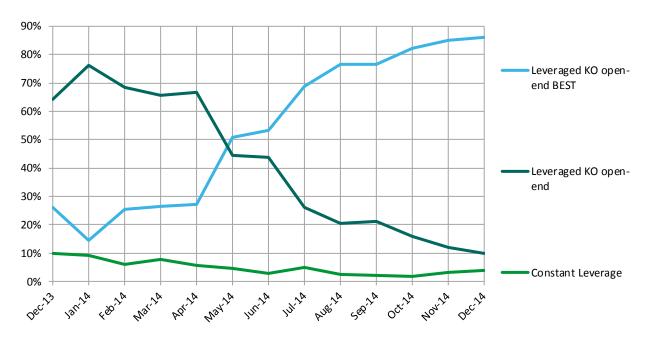
#### Value traded

The historical graph below displays the weight of the traded value of each product type over the total traded value on Euronext Brussels.



## Number of transactions

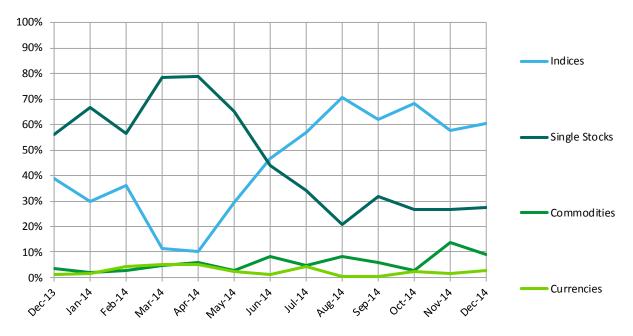
The historical graph below displays the weight of the traded volume of each product type over the total traded volume on Euronext Brussels.



# MARKET TREND: UNDERLYING TYPES

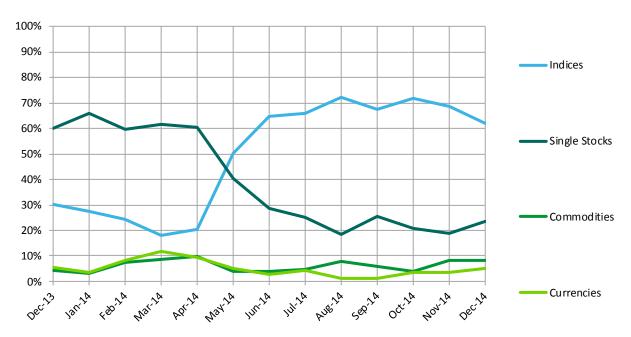
#### Value traded

The historical graph below displays the weight of the traded value of each underlying type over the total traded value on Euronext Brussels.



## Number of transactions

The historical graph below displays the weight of the traded volume of each underlying type over the total traded volume on Euronext Brussels.

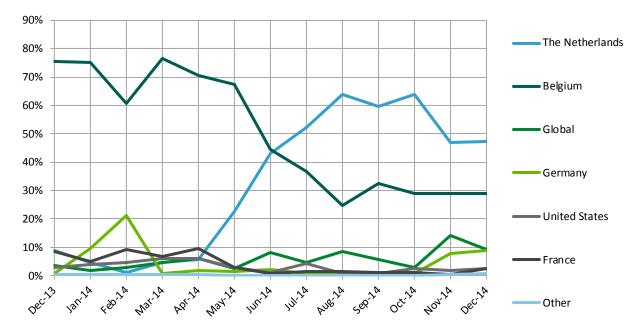


Market Activity Report - Warrants & Certificates - Euronext Brussels - December 2014 41

# MARKET TREND: UNDERLYING COUNTRIES

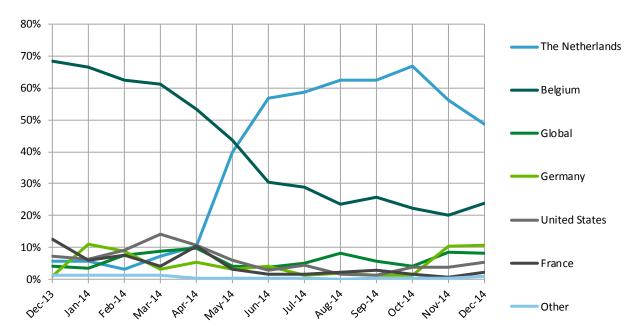
#### Value traded

The historical graph below displays the weight of the traded value of each underlying country of origin over the total traded value on Euronext Brussels.



## Number of transactions

The historical graph below displays the weight of the traded volume of each underlying country of origin over the total traded volume on Euronext Brussels.

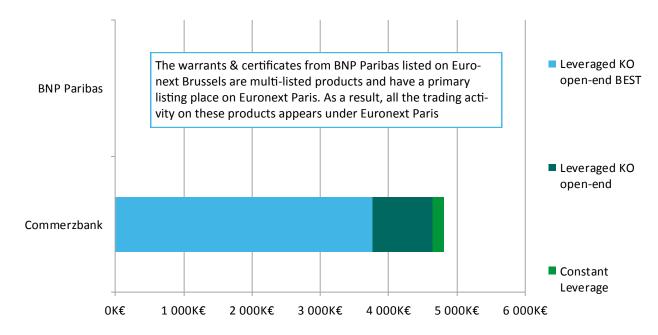


42 Market Activity Report - Warrants & Certificates - Euronext Brussels - December 2014

# **ISSUER ACTIVITY**

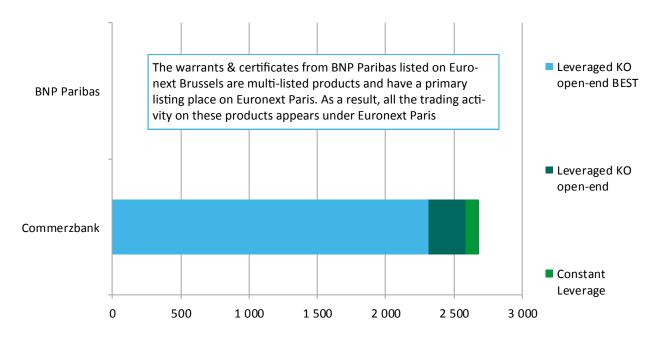
## Value traded

The chart below displays the value traded per product type (in million Euros) for each issuer active on Euronext Brussels.



## Number of transactions

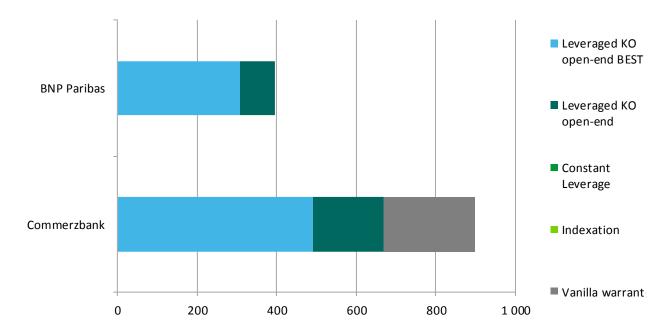
The chart below displays the number of trades per product type for each issuer active on Euronext Brussels.



# **ISSUER ACTIVITY: NEW LISTINGS**

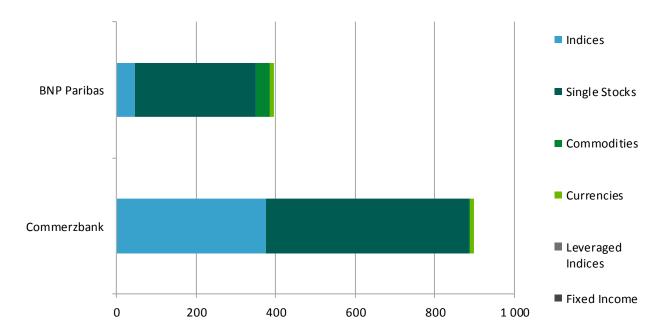
## **Product types**

The chart below displays the number of new product listings during the month per product type for each issuer active on Euronext Brussels.



## **Underlying types**

The chart below displays the number of new product listings during the month per underlying type for each issuer active on Euronext Brussels.

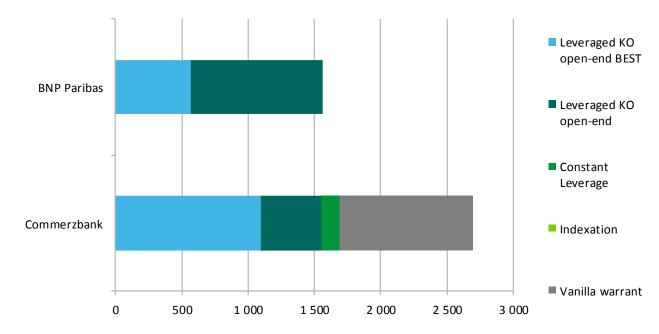


44 Market Activity Report - Warrants & Certificates - Euronext Brussels - December 2014

# ISSUER ACTIVITY: PRODUCT RANGE

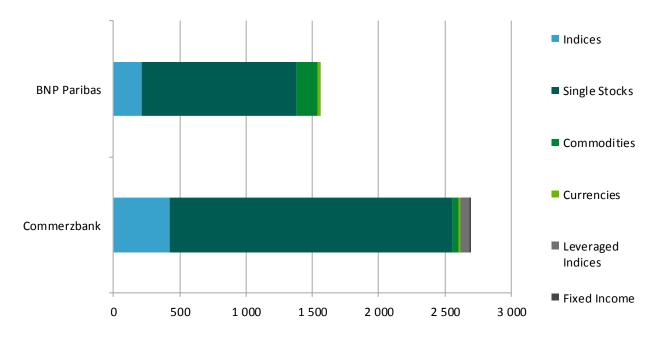
## **Product types**

The chart below displays the number of existing product listings per product type for each issuer active on Euronext Brussels.



## **Underlying types**

The chart below displays the number of existing product listings per underlying type for each issuer active on YSE Euronext Brussels.



## Top 50 traded products

The table below displays the 50 most traded products (in terms of value traded) on Euronext Brussels.

Trading symbol	ISIN Code	Product type	lssuer	Name	Number of trades	Value traded
-						(in K€)
72K9Z	DE000CR0JWU9	Leveraged KO open-end BEST	Commerzbank	AEX 420.7TL OPENZ	102	394
25R4Z	DE000CM8NPA5	Leveraged KO open-end	Commerzbank	MBSTR11.72TCIOPENZ	21	385
75H7Z	DE000CR0JR54	Leveraged KO open-end BEST	Commerzbank	AEX 386.8TL OPENZ	50	273
74H7Z	DE000CR0JR47	Leveraged KO open-end BEST	Commerzbank	AEX 384.8TL OPENZ	26	253
17Z1Z	DE000CM8MTQ5	Leveraged KO open-end BEST	Commerzbank	GOLD 1060TL OPENZ	53	153
74E7Z	DE000CR0JN17	Leveraged KO open-end BEST	Commerzbank	SILVE 14TL OPENZ	31	151
84X4Z	DE000CM8NXA9	Leveraged KO open-end BEST	Commerzbank	AEX 442.3TS OPENZ	126	132
3517Z	DE000CR0JSL6	Leveraged KO open-end BEST	Commerzbank	BEL20 3054TL OPENZ	28	131
7319Z	DE000CR0JT78	Leveraged KO open-end BEST	Commerzbank	AEX 405TL OPENZ	18	112
47G9Z	DE000CR0JQK2	Leveraged KO open-end BEST	Commerzbank	AEX 380.8TL OPENZ	60	111
39M7Z	DE000CR0JY30	Leveraged KO open-end BEST	Commerzbank	AEX 423.TL OPENZ	64	107
36K9Z	DE000CR0JWK0	Leveraged KO open-end BEST	Commerzbank	KBC 40.37TL OPENZ	59	99
12I7Z	DE000CR0JSB7	Leveraged KO open-end	Commerzbank	MBSTR 15TCIOPENZ	8	84
93M9Z	DE000CR0JZ88	Leveraged KO open-end BEST	Commerzbank	AEX 424.2TS OPENZ	55	77
75K9Z	DE000CR0JWX3	Leveraged KO open-end BEST	Commerzbank	DAX 9608TL OPENZ	43	77
72V3Z	DE000CM8MPZ4	Leveraged KO open-end	Commerzbank	BNP 40TCIOPENZ	4	73
59N7Z	DE000CR0JZN7	Leveraged KO open-end BEST	Commerzbank	AEX 416.2TS OPENZ	37	69
47N9Z	DE000CR0K0D6	Leveraged KO open-end BEST	Commerzbank	AEX 395.5TL OPENZ	61	65
77J7Z	DE000CR0JTM2	Leveraged KO open-end BEST	Commerzbank	DAX 9100TL OPENZ	15	62
93E7Z	DE000CR0JMW6	Leveraged KO open-end BEST	Commerzbank	EUUSD 1.29TS OPENZ	86	58
38K9Z	DE000CR0JWM6	Leveraged KO open-end BEST	Commerzbank	AEX 416.7TL OPENZ	31	53
11D6Z	DE000CM8MZF5	Leveraged KO open-end	Commerzbank	KBC 34TCIOPENZ	30	52
45H9Z	DE000CR0JRS3	Leveraged KO open-end BEST	Commerzbank	KBC 38.27TL OPENZ	7	52
35W3Z	DE000CM8MSH6	Constant Leverage	Commerzbank	BRENT FACOPENZ	33	52
51K8Z	DE000CR0JVX5	Leveraged KO open-end BEST	Commerzbank	AEX 412.7TL OPENZ	36	51
72P8Z	DE000CR0K1K9	Leveraged KO open-end BEST	Commerzbank	AEX 419.5TL OPENZ	82	48
79U1Z	DE000CM8MLE8	Leveraged KO open-end	Commerzbank	BEKB 20TL OPENZ	8	48
17I8Z	DE000CR0JSQ5	Leveraged KO open-end BEST	Commerzbank	AEX 400.9TL OPENZ	14	47
76H7Z	DE000CR0JR62	Leveraged KO open-end BEST	Commerzbank	AEX 388.8TL OPENZ	17	44
14F7Z	DE000CR0JNP8	Leveraged KO open-end BEST	Commerzbank	EUUSD 1.33TS OPENZ	13	40
16A8Z	DE000CM8PDG3	Leveraged KO open-end BEST	Commerzbank	KBC 36TL OPENZ	27	37
82L8Z	DE000CR0JXN2	Leveraged KO open-end BEST	Commerzbank	DAX 9808TL OPENZ	23	36
87H8Z	DE000CR0JRF0	Leveraged KO open-end BEST	Commerzbank	AEX 390.7TL OPENZ	23	35
28L7Z	DE000CR0JXG6	Leveraged KO open-end BEST	Commerzbank	DAX 10190TS OPENZ	15	34
51M9Z	DE000CR0JZ05	Leveraged KO open-end BEST	Commerzbank	AEX 430.2TS OPENZ	15	34
28A8Z	DE000CM8PDT6	Leveraged KO open-end BEST	Commerzbank	DELHA 44TL OPENZ	7	34
33A8Z	DE000CM8PDX8	Leveraged KO open-end BEST	Commerzbank	AGEAS 23TL OPENZ	6	32
75E7Z	DE000CR0JN25	Leveraged KO open-end BEST	Commerzbank	SILVE 13TL OPENZ	6	29
14J8Z	DE000CR0JU00	s 1	Commerzbank	AGEAS26.21TL OPENZ	19	29
35D7Z	DE000CM8PKC7	Leveraged KO open-end BEST Leveraged KO open-end	Commerzbank	AGEAS20.211L OPENZ AEX 445TS OPENZ	19	28
31W3Z		e .	Commerzbank		7	27
	DE000CM8MSD5	Constant Leverage		SILVE FACOPENZ	10	24
M697Z	DE000CB55XG2	Constant Leverage	Commerzbank	BEKRT FACOPENZ		
25L7Z	DE000CR0JXD3	Leveraged KO open-end BEST	Commerzbank	DAX 9708TL OPENZ	26	22
97D5Z	DE000CM8MZC2	Leveraged KO open-end	Commerzbank	ING 8TCIOPENZ	10	21
7819Z	DE000CR0JTC3	Leveraged KO open-end BEST	Commerzbank	DAX 9000TL OPENZ	13	21
25J8Z	DE000CR0JUA5	Leveraged KO open-end BEST	Commerzbank	SOGEN27.63TL OPENZ	19	21
23T6Z	DE000CM8NSA9	Leveraged KO open-end BEST	Commerzbank	BEL20 3440TS OPENZ	23	20
15Q5Z	DE000CM8NML9	Leveraged KO open-end BEST	Commerzbank	BEL20 2795TL OPENZ	9	20
78J7Z	DE000CR0JTN0	Leveraged KO open-end BEST	Commerzbank	DAX 8900TL OPENZ	4	20
22N8Z	DE000CR0K072 ironext)	Leveraged KO open-end BEST	Commerzbank	DAX 9779TS OPENZ	21	19



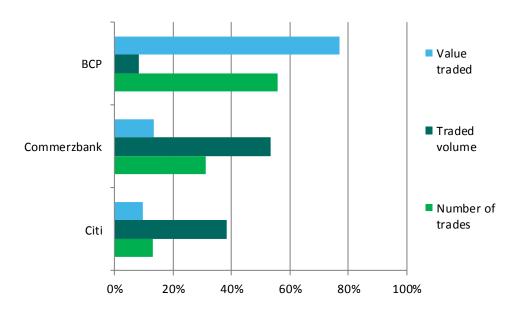
# **Euronext Lisbon**

#### Issuers

The table below displays the daily averages of traded value, traded volume and number of trades on Euronext Lisbon per issuer, as well as the variation over the previous month and the weight of each issuer over the total of Euronext Lisbon.

The chart at the bottom of the page represents the weight of each issuer in terms of traded value, traded volume and number of trades.

		Value traded				Traded	volume		Number of trades				
Issuer	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market	
	average	on		share	average	on		share	average	on		share	
	(in K€)	month			(in K)	month				month			
ВСР	2,641.8	-5.3%	3.6%	77.0%	113.3	8.7%	4.5%	8.1%	314	-21%	-23%	55.8%	
Commerzbank	452.8	-17%	-21%	13.2%	750.6	-14%	-22%	53.5%	175	-21%	-19%	31.2%	
Citi	334.5	15%	27%	9.8%	538.3	42%	16%	38.4%	73	0.6%	-26%	12.9%	
Total	3,429.1	-5.4%	1.3%		1,402.2	3.1%	-9.0%		562	-19%	-22%		

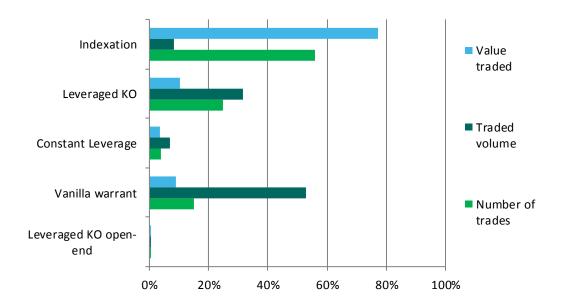


## **Product types**

The table below displays the daily averages of traded value, traded volume and number of trades on Euronext Lisbon per issuer, as well as the variation over the previous month and the weight of each issuer over the total of Euronext Lisbon.

The chart at the bottom of the page represents the weight of each issuer in terms of traded value, traded volume and number of trades.

		Value traded				Traded	olume		Number of trades				
Product type	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market	
	average	on		share	average	on		share	average	on		share	
	(in K€)	month			(in K€)	month				month			
Indexation	2,646.8	-5.2%	3.8%	77.2%	113.8	8.9%	4.9%	8.1%	315	-21%	-22%	56.0%	
Leveraged KO	350.9	41%	-8.3%	10.2%	445.2	57%	-11%	31.7%	140	-7.6%	-24%	24.8%	
Constant Leverage	121.7	-47%	-38%	3.6%	97.2	-36%	-60%	6.9%	22	-54%	-44%	3.9%	
Vanilla warrant	305.4	-13%	27%	8.9%	741.7	-9.5%	9.5%	52.9%	84	-12%	-5.9%	14.9%	
Leveraged KO open-end	4.2	121%	-71%	0.1%	4.4	493%	-59%	0.3%	2	302%	-20%	0.3%	
Total	3,429.1	-5.4%	1.3%		1,402.2	3.1%	-9.0%		562	-19%	-22%		

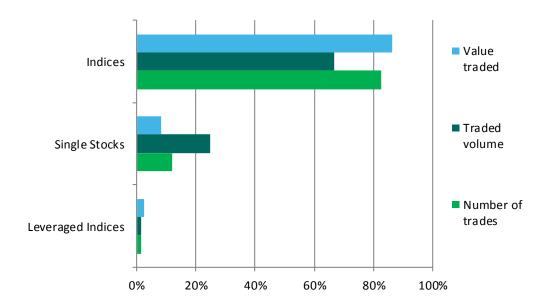


## **Underlying types**

The table below displays the daily averages of traded value, traded volume and number of trades on Euronext Lisbon per underlying type, as well as the variation over the previous month and the weight of each underlying type over the total of Euronext Lisbon.

The chart at the bottom of the page represents the weight of each underlying type in terms of traded value, traded volume and number of trades.

	Value traded Daily Month vs. YTD Market					Traded	volume		Ν	lumber c	oftrades	
Underlying type	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market
	average	on		share	average	on		share	average	on		share
	(in K€)	month			(in K€)	month				month		
Indices	2,960.5	-5.6%	9.3%	86.4%	937.2	5.7%	9.1%	66.8%	465	-18%	-17%	82.7%
Single Stocks	279.8	16%	-35%	8.2%	349.9	11%	-17%	25.0%	67	-4.4%	-40%	12.0%
Leveraged Indices	81.1	-43%	-22%	2.4%	21.4	-54%	-53%	1.5%	9	3.1%	10%	1.6%
Commodities	66.8	234%	41%	1.9%	17.8	279%	20%	1.3%	8	67%	25%	1.4%
Leveraged Stocks	28.2	-65%	-67%	0.8%	47.6	-52%	-75%	3.4%	10	-74%	-67%	1.8%
Leveraged Commodities	10.1	128%	55%	0.3%	27.9	351%	177%	2.0%	3	143%	128%	0.6%
Currencies	0.3	-20%	-66%	0.0%	0.1	-24%	-92%	0.0%	0	-39%	-38%	0.1%
Tetel	2 426 7	F 40/	1 20/		1 402 0	2 10/	0.0%		563	100/	220/	
Total	3,426.7	-5.4%	1.2%		1,402.0	3.1%	-9.0%		562	-19%	-22%	

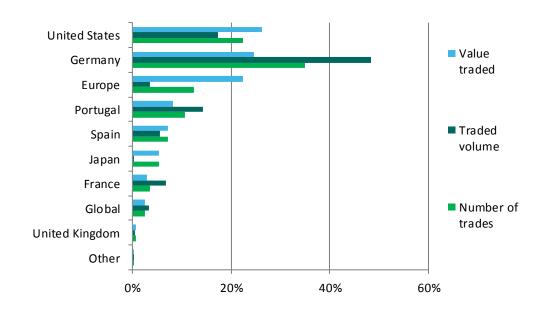


## Top 10 underlying countries

The table below displays the daily averages of traded value, traded volume and number of trades on Euronext Lisbon per country of origin of the underlying, as well as the variation over the previous month and the weight of each underlying country of origin over the total of Euronext Lisbon.

The chart at the bottom of the page represents the weight of each underlying country of origin in terms of traded value, traded volume and number of trades.

	Value traded Daily Month vs. YTD Market				Traded v	olume		Ν	lumber c	oftrades		
Underlying country	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market
	average	on		share	average	on		share	average	on		share
	(in K€)	month			(in K)	month				month		
United States	896.8	-1.4%	25%	26.2%	242.4	83%	-9.7%	17.3%	126	-20%	-12%	22.5%
Germany	847.5	-15%	-1.3%	24.7%	679.0	-13%	-4.6%	48.4%	197	-13%	-18%	35.1%
Europe	771.1	1.8%	10%	22.5%	50.8	-4.3%	-3.1%	3.6%	70	-16%	-21%	12.4%
Portugal	277.8	-1.6%	-38%	8.1%	201.2	-27%	-38%	14.3%	60	-32%	-46%	10.7%
Spain	242.9	-1.6%	0.0%	7.1%	76.9	110%	11%	5.5%	40	-12%	-23%	7.1%
Japan	180.9	-12%	9.2%	5.3%	1.0	-77%	-90%	0.1%	31	-34%	-3.9%	5.4%
France	99.0	-27%	-25%	2.9%	96.1	176%	36%	6.9%	20	-27%	-38%	3.5%
Global	87.5	131%	5.7%	2.6%	46.9	282%	65%	3.3%	14	47%	-2.3%	2.5%
United Kingdom	22.8	-53%	-29%	0.7%	7.5	-67%	134%	0.5%	4	-45%	-26%	0.7%
Other	2.8	-8.2%	-48%	0.1%	0.4	-77%	-59%	0.0%	1	-38%	-35%	0.1%
Total	3,429.1	-5.4%	1.3%		1,402.2	3.1%	-9.0%		562	-19%	-22%	



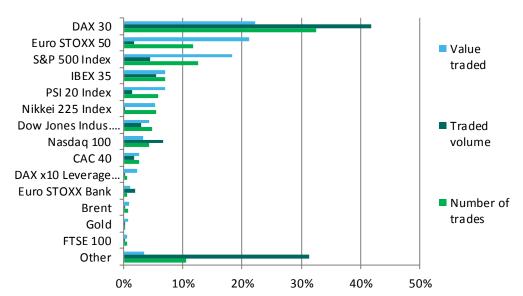
## Top 15 underlyings

The table below displays the daily averages of traded value, traded volume and number of trades on Euronext Lisbon for the top 15 underlyings, as well as the variation over the previous month and the weight of each of the top 15 underlyings over the total of Euronext Lisbon.

The chart at the bottom of the page represents the weight of each of the top 15 underlyings in terms of traded value, traded volume and number of trades.

		Value t	raded			Traded	volume		N	lumber c	oftrades	
Underlying	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market
	average	on		share	average	on		share	average	on		share
	(in K€)	month			(in K)	month				month		
DAX 30	759.9	-11%	1.7%	22.2%	585.5	-14%	1.0%	41.8%	183	-14%	-18%	32.5%
Euro STOXX 50	728.6	2.0%	12%	21.2%	23.5	-5.5%	8.6%	1.7%	66	-16%	-21%	11.7%
S&P 500 Index	628.5	-2.7%	37%	18.3%	63.5	21%	56%	4.5%	71	-24%	-4.4%	12.6%
IBEX 35	242.8	-1.0%	1.6%	7.1%	76.5	123%	21%	5.5%	40	-9.9%	-21%	7.0%
PSI 20 Index	237.3	27%	-32%	6.9%	20.3	-16%	-13%	1.4%	33	2.1%	-52%	5.8%
Nikkei 225 Index	180.9	-12%	9.2%	5.3%	1.0	-77%	-90%	0.1%	31	-34%	-3.9%	5.4%
Dow Jones Indus. Avg.	146.5	-12%	17%	4.3%	40.5	534%	114%	2.9%	27	-22%	-2.4%	4.8%
Nasdaq 100	111.7	37%	28%	3.3%	94.4	93%	26%	6.7%	24	0.2%	-12%	4.3%
CAC 40	90.7	-31%	-27%	2.6%	23.6	292%	63%	1.7%	15	-38%	-46%	2.6%
DAX x10 Leverage Index	77.2	-26%	39%	2.3%	3.1	-45%	45%	0.2%	4	-7.3%	21%	0.6%
Euro STOXX Bank	36.5	-4.1%	-18%	1.1%	26.7	-1.9%	-11%	1.9%	3	11%	-31%	0.5%
Brent	30.0	145%	75%	0.9%	4.2	209%	168%	0.3%	4	76%	102%	0.7%
Gold	24.7	394%	41%	0.7%	0.3	62%	-50%	0.0%	2	49%	-16%	0.3%
FTSE 100	18.0	-48%	-41%	0.5%	0.3	-47%	-40%	0.0%	3	-38%	-42%	0.5%
Other	115.9	-42%	-58%	3.4%	438.7	-1.1%	-33%	31.3%	59	-33%	-36%	10.5%
Total	3,429.1	-5.4%	1.3%		1,402.2	3.1%	-9.0%		562	-19%	-22%	

(Source: Euronext)

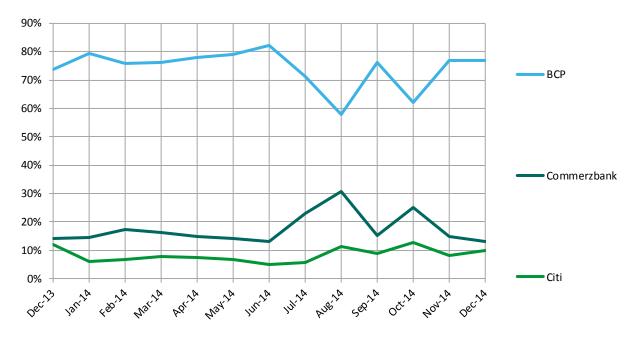


52 Market Activity Report - Warrants & Certificates - Euronext Lisbon - December 2014

## MARKET TREND: ISSUERS

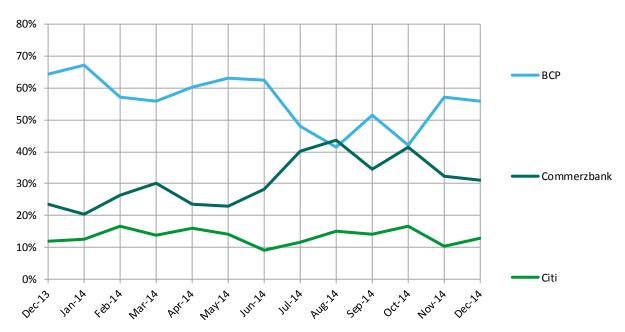
#### Value traded

The historical graph below displays the weight of the traded value of each issuer over the total traded value on Euronext Lisbon.



## Number of transactions

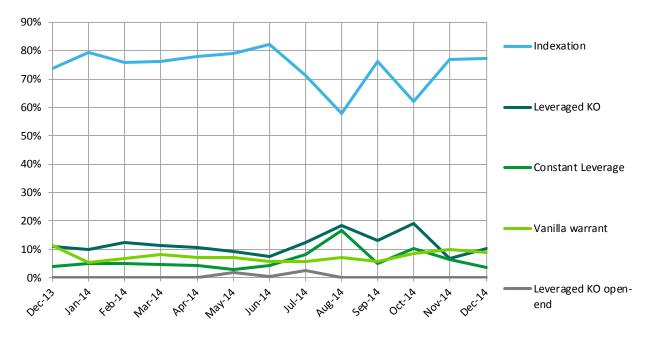
The historical graph below displays the weight of the traded volume of each issuer over the total traded volume on Euronext Lisbon.



# MARKET TREND: PRODUCT TYPES

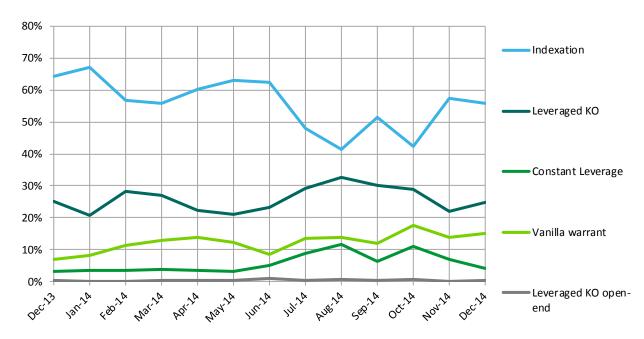
#### Value traded

The historical graph below displays the weight of the traded value of each product type over the total traded value on Euronext Lisbon.



## Number of transactions

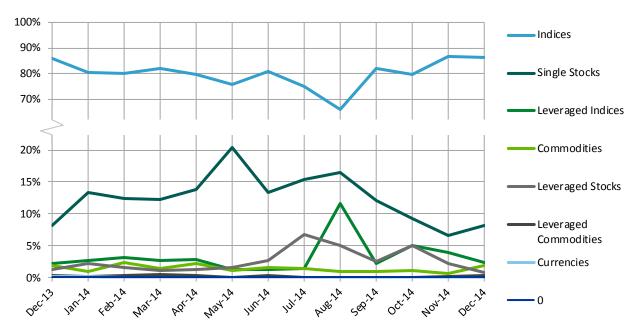
The historical graph below displays the weight of the traded volume of each product type over the total traded volume on Euronext Lisbon.



# MARKET TREND: UNDERLYING TYPES

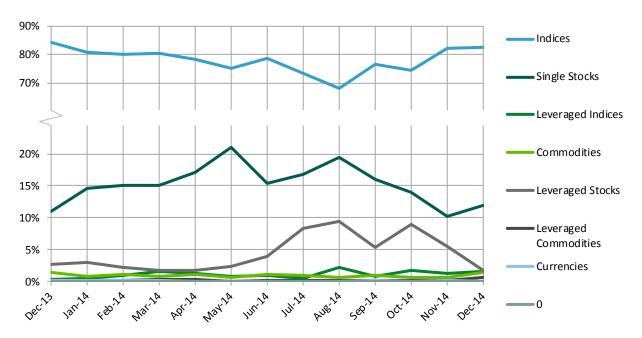
#### Value traded

The historical graph below displays the weight of the traded value of each underlying type over the total traded value on Euronext Lisbon.



#### Number of transactions

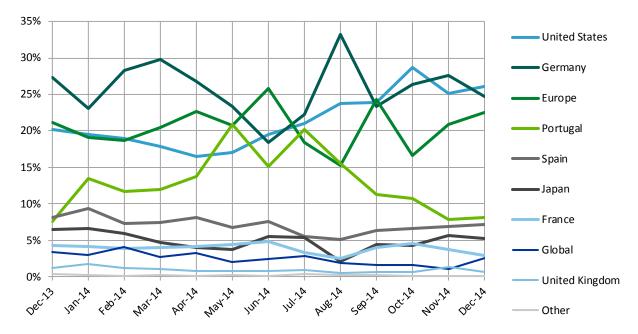
The historical graph below displays the weight of the traded volume of each underlying type over the total traded volume on Euronext Lisbon.



# MARKET TREND: UNDERLYING COUNTRIES

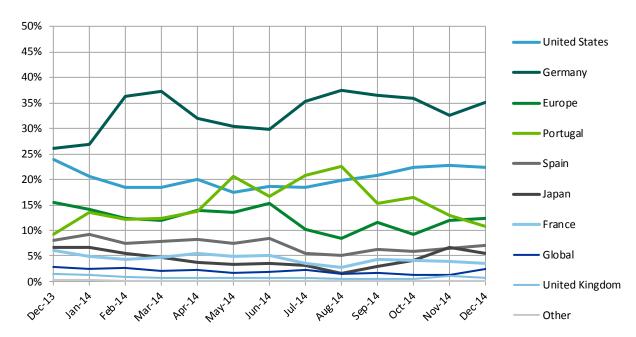
#### Value traded

The historical graph below displays the weight of the traded value of each underlying country of origin over the total traded value on Euronext Lisbon.



## Number of transactions

The historical graph below displays the weight of the traded volume of each underlying country of origin over the total traded volume on Euronext Lisbon.

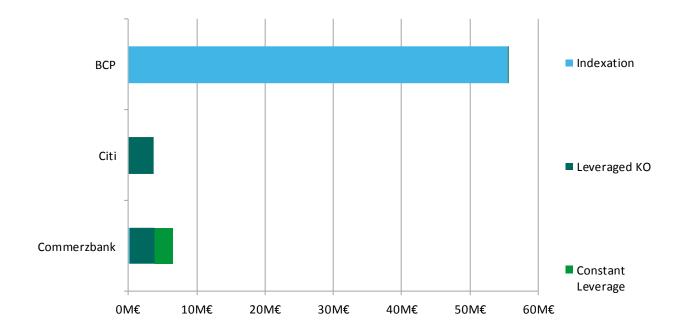


56 Market Activity Report - Warrants & Certificates - Euronext Lisbon - December 2014

# **ISSUER ACTIVITY**

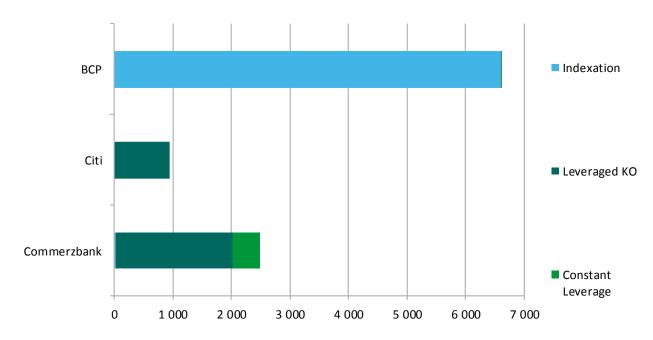
#### Value traded

The chart below displays the value traded per product type (in million Euros) for each issuer active on Euronext Lisbon.



## Number of transactions

The chart below displays the number of trades per product type for each issuer active on Euronext Lisbon.

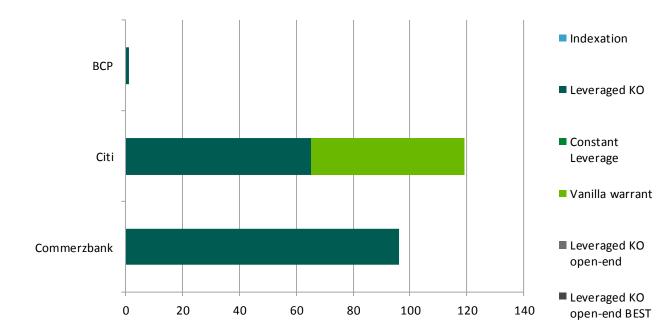


Market Activity Report - Warrants & Certificates - Euronext Lisbon - December 2014 57

# **ISSUER ACTIVITY: NEW LISTINGS**

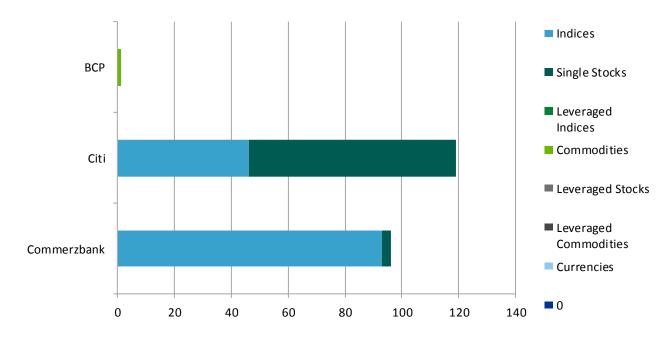
## **Product types**

The chart below displays the number of new product listings during the month per product type for each issuer active on Euronext Lisbon.



## **Underlying types**

The chart below displays the number of new product listings during the month per underlying type for each issuer active on Euronext Lisbon.

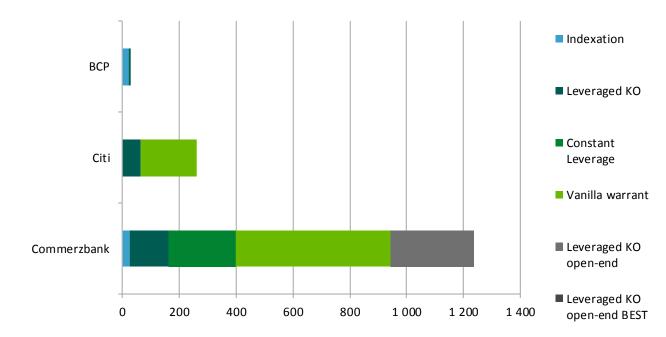


58 Market Activity Report - Warrants & Certificates - Euronext Lisbon - December 2014

# ISSUER ACTIVITY: PRODUCT RANGE

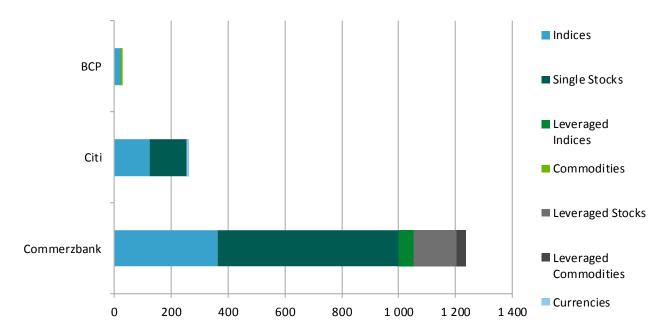
## **Product types**

The chart below displays the number of existing product listings per product type for each issuer active on Euronext Lisbon.



## **Underlying types**

The chart below displays the number of existing product listings per underlying type for each issuer active on Euronext Lisbon.



Market Activity Report - Warrants & Certificates - Euronext Lisbon - December 2014 59

# **TOP 50 TRADED PRODUCTS**

## Top 50 traded products

The table below displays the 50 most traded products (in terms of value traded) on Euronext Lisbon.

Trading symbol	ISIN Code	Product type	lssuer	Name	Number of trades	Value traded (in K€)
1025P	PTBIVRYE0068	Pure indexation	BCP	ESTX PI OPENP	1,382	15,301
1029P	PTBITAYE0046	Pure indexation	BCP	SP500 PI OPENP	1,360	12,773
1027P	PTBITEYE0034	Pure indexation	BCP	DAX PI OPENP	701	5,702
1028P	PTBIY1YE0064	Pure indexation	BCP	PSI 2 PI OPENP	615	4,856
1023P	PTBIXRYE0025	Pure indexation	BCP	IBEX PI OPENP	592	4,349
1032P	PTBCS1YE0010	Pure indexation	BCP	NIKEI PI OPENP	641	3,799
1026P	PTBIYZYE0040	Pure indexation	BCP	DJIND PI OPENP	528	2,912
1040P	PTBIWKYE0023	Pure indexation	BCP	CAC40 PI OPENP	274	1,736
DAX0Z	DE000CZ4V6D9	Constant Leverage	Commerzbank	DAX FACOPENZ	74	1,621
1050P	PTBIWBYE0057	Pure indexation	BCP	NASDQ PI OPENP	133	1,158
E937C	DE000CC4A098	Vanilla warrant	Citi	DAX 10200C 0615C	21	1,067
D380C	DE000CF79196	Vanilla warrant	Citi	DAX 10200C 0015C	118	900
1043P	PTBCLOYE0028	Pure indexation	ВСР	ESTBK PLOPENP	64	766
V269Z	DE000CR189B7	Leveraged KO	Commerzbank	DAX 10100TS 0315Z	222	641
1039P		_	BCP	BRENT PLOPENP	85	629
	PTBIZJYE0064	Pure indexation				
V582Z	DE000CB1XRL5	Vanilla warrant	Commerzbank	DAX 8800P 0315Z	54	574
F030C	DE000CC4A2Z5	Leveraged KO	Citi	DAX 9250TL 0315C	44	546
1047P	PTBIWWYE0052	Pure indexation	BCP	GOLDF PI OPENP	33	510
5027Z	DE000CR180Y8	Vanilla warrant	Commerzbank	DAX 9900P 0315Z	26	487
E990C	DE000CC4A1U8	Leveraged KO	Citi	NDX 4150TL 0315C	8	429
1024P	PTBIXQYE0026	Pure indexation	BCP	FTSE PI OPENP	64	377
5014Z	DE000CR180Q4	Vanilla warrant	Commerzbank	DAX 9900C 0315Z	20	326
W994Z	DE000CB1XFX5	Leveraged KO	Commerzbank	IBEX 9400TL 0315Z	17	325
F005C	DE000CC4A288	Leveraged KO	Citi	DAX 9500TL 0315C	58	322
F002C	DE000CC4A254	Leveraged KO	Citi	DAX 9200TL 0315C	59	315
5532Z	DE000CR17GS8	Leveraged KO	Commerzbank	DAX 10100TS 1214Z	142	273
V347Z	DE000CB1XG60	Leveraged KO	Commerzbank	IBEX 9800TL 0315Z	2	255
F009C	DE000CC4A2C4	Leveraged KO	Citi	DAX 9800TL 0315C	42	237
E991C	DE000CC4A1V6	Leveraged KO	Citi	NDX 4350TS 0315C	83	231
V240Z	DE000CR17A99	Leveraged KO	Commerzbank	DAX 9200TL 0315Z	70	223
F008C	DE000CC4A2B6	Leveraged KO	Citi	DAX 9750TL 0315C	42	216
E999C	DE000CC4A239	Leveraged KO	Citi	SP500 2125TS 0315C	36	212
V577Z	DE000CB1XRF7	Vanilla warrant	Commerzbank	DAX 9800C 0315Z	35	201
V312Z	DE000CR18637	Leveraged KO	Commerzbank	DAX 9950TS 0315Z	209	199
1048P	PTBIWXYE0051	Pure indexation	BCP	SILVE PI OPENP	15	186
V259Z	DE000CR18967	Leveraged KO	Commerzbank	DAX 9700TL0315Z	84	165
1033P	PTBCTFYE0013	Pure indexation	BCP	MSCIE PI OPENP	45	158
V258Z	DE000CR18959	Leveraged KO	Commerzbank	DAX 9650TL 0315Z	52	157
D377C	DE000CF79162	Vanilla warrant	Citi	DAX 10000C 0315C	44	152
V265Z	DE000CR18975	Leveraged KO	Commerzbank	DAX 9750TL 0315Z	109	149
V578Z	DE000CB1XRG5	Vanilla warrant	Commerzbank	DAX 10000C 0315Z	83	135
GLP3Z	DE000CZ28GJ7	Constant Leverage	Commerzbank	GLP3Z ACCOPENZ	37	132
V270Z	DE000CR189C5	Leveraged KO	Commerzbank	DAX 10150TS 0315Z	101	129
E984C	DE000CC4A1N3	Leveraged KO	Citi	DOWJ017000TL 0315C	8	127
V266Z	DE000CR18983	Leveraged KO	Commerzbank	DAX 9800TL 0315Z	76	119
V658Z	DE000CB1XTU2	Vanilla warrant	Commerzbank	SP500 2000P 0315Z	17	118
E605C	DE000CC100C9	Vanilla warrant	Citi	DAX 10500C 0615C	4	116
F018C	DE000CC4A2M3	Leveraged KO	Citi	NDX 4250TL 0315C	6	106
1031P	PTBCSZYE0010	Pure indexation	ВСР	FTEPR PLOPENP	9	100
V346Z	DE000CR186G2	Leveraged KO	Commerzbank	DAX 9750TL 0315Z	49	98
(Source: Eu						



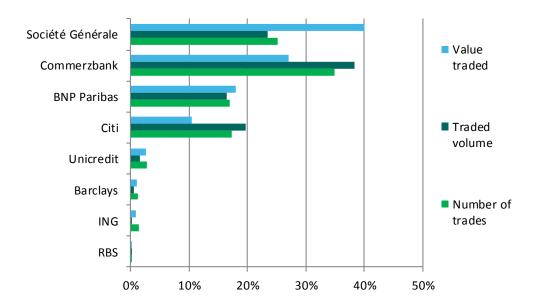
# **Euronext Paris**

#### Issuers

The table below displays the daily averages of traded value, traded volume and number of trades on Euronext Paris per issuer, as well as the variation over the previous month and the weight of each issuer over the total of Euronext Paris.

The chart at the bottom of the page represents the weight of each issuer in terms of traded value, traded volume and number of trades.

		Value t	raded			Traded	/olume		Ν	lumber c	oftrades	
Issuer	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market
	average	on		share	average	on		share	average	on		share
	(in M€)	month			(in M)	month				month		
Société Générale	8.8	57%	41%	40.0%	8.0	37%	27%	23.4%	1,561	17%	18%	25.2%
Commerzbank	6.0	-6.6%	-15%	27.1%	13.1	-11%	-6.7%	38.3%	2,165	-5.3%	-8.8%	34.9%
BNP Paribas	3.9	70%	25%	17.9%	5.6	49%	31%	16.5%	1,055	19%	-3.2%	17.0%
Citi	2.3	14%	15%	10.5%	6.7	18%	15%	19.6%	1,073	14%	21%	17.3%
Unicredit	0.6	44%	-3.8%	2.5%	0.5	-12%	-34%	1.5%	171	0.5%	18%	2.8%
Barclays	0.2	-18%	-40%	1.0%	0.2	-41%	-46%	0.5%	78	-23%	-48%	1.3%
ING	0.2	-21%	0.2%	0.8%	0.1	-20%	-18%	0.2%	82	-24%	-3.2%	1.3%
RBS	0.0	-39%	31%	0.2%	0.0	-47%	-22%	0.0%	10	91%	49%	0.2%
Total	22.0	27%	12%		34.2	11%	7.9%		6,195	6.3%	2.2%	

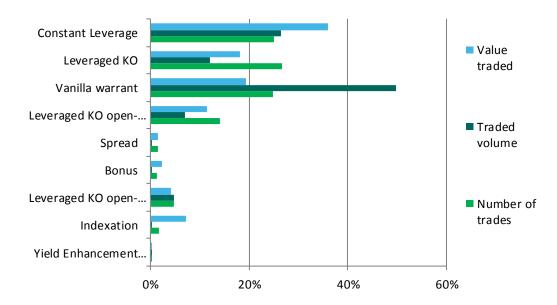


#### **Product types**

The table below displays the daily averages of traded value, traded volume and number of trades on Euronext Paris per issuer, as well as the variation over the previous month and the weight of each issuer over the total of Euronext Paris.

The chart at the bottom of the page represents the weight of each issuer in terms of traded value, traded volume and number of trades.

		Value t	raded			Traded v	olume		Ν	lumber o	oftrades	
Product type	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market
	average	on		share	average	on		share	average	on		share
	(in M€)	month			(in M)	month				month		
Constant Leverage	7.9	31%	14%	36.0%	9.0	13%	14%	26.4%	1,556	18%	16%	25.1%
Leveraged KO	4.0	17%	-2.5%	18.0%	4.1	-2.4%	-24%	12.0%	1,654	4.3%	-12%	26.7%
Vanilla warrant	4.3	23%	15%	19.4%	17.0	14%	16%	49.8%	1,542	4.8%	6.2%	24.9%
Leveraged KO open-end	2.5	9.4%	7.2%	11.5%	2.4	-2.3%	-14%	6.9%	874	-3.8%	0.5%	14.1%
Spread	0.3	18%	-34%	1.5%	0.0	36%	-49%	0.0%	91	9.0%	-9.4%	1.5%
Bonus	0.5	2.5%	-33%	2.3%	0.0	-8.0%	-54%	0.1%	82	-14%	-23%	1.3%
Leveraged KO open-end BEST	0.9	19%	52%	4.2%	1.6	22%	92%	4.7%	293	-1.6%	17%	4.7%
Indexation	1.6	189%	151%	7.2%	0.0	131%	157%	0.1%	100	52%	110%	1.6%
Yield Enhancement & Other	0.0	ND	-15%	0.0%	0.0	ND	43%	0.0%	2	795%	-19%	0.0%
Total	22.0	27%	12%		34	11%	7.9%		6,195	6.3%	2.2%	

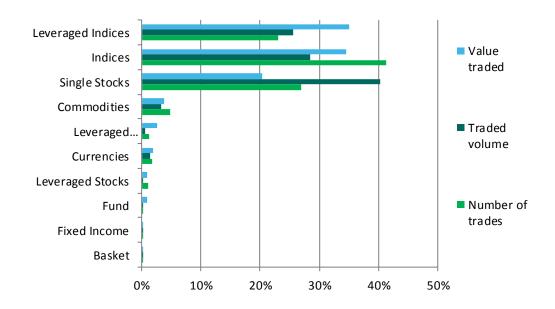


## **Underlying types**

The table below displays the daily averages of traded value, traded volume and number of trades on Euronext Paris per underlying type, as well as the variation over the previous month and the weight of each underlying type over the total of Euronext Paris.

The chart at the bottom of the page represents the weight of each underlying type in terms of traded value, traded volume and number of trades.

		Value t	raded			Traded	volume		Ν	lumber c	oftrades	
Underlying type	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market
	average	on		share	average	on		share	average	on		share
	(in M€)	month			(in M)	month				month		
Leveraged Indices	7.7	36%	14%	35.1%	8.7	13%	12%	25.6%	1,428	17%	13%	23.1%
Indices	7.6	28%	16%	34.5%	9.7	18%	21%	28.5%	2,552	5.3%	0.6%	41.2%
Single Stocks	4.5	2.7%	-11%	20.4%	13.8	4.3%	-5.8%	40.3%	1,663	-2.9%	-13%	26.9%
Commodities	0.8	50%	76%	3.7%	1.1	48%	87%	3.3%	299	26%	79%	4.8%
Leveraged Commodities	0.6	357%	460%	2.7%	0.2	48%	236%	0.6%	72	41%	165%	1.2%
Currencies	0.4	-9.2%	62%	1.9%	0.5	-30%	16%	1.4%	105	-13%	21%	1.7%
Leveraged Stocks	0.2	43%	31%	0.9%	0.1	30%	139%	0.3%	64	25%	15%	1.0%
Fund	0.2	497%	-20%	0.9%	0.0	504%	-23%	0.1%	2	-58%	-70%	0.0%
Fixed Income	0.0	-40%	-70%	0.0%	0.0	56%	-55%	0.0%	3	-35%	-46%	0.0%
Basket	0.0	-95%	-98%	0.0%	0.0	-90%	-92%	0.0%	0	-64%	-65%	0.0%
Total	22.0	27%	12%		34	11%	7.9%		6,189	6.2%	2.2%	

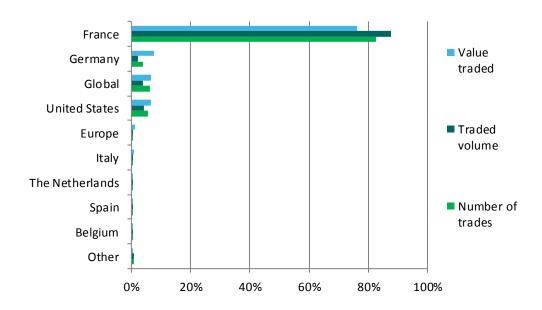


## Top 10 underlying countries

The table below displays the daily averages of traded value, traded volume and number of trades on Euronext Paris per country of origin of the underlying, as well as the variation over the previous month and the weight of each underlying country of origin over the total of Euronext Paris.

The chart at the bottom of the page represents the weight of each underlying country of origin in terms of traded value, traded volume and number of trades.

	Value traded			Traded volume				Number of trades				
Underlying country	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market
	average	on		share	average	on		share	average	on		share
	(in M€)	month			(in M)	month				month		
France	16.6	21%	1.1%	76.1%	29.9	12%	5.6%	87.6%	5,111	7.0%	-1.5%	82.6%
Germany	1.6	106%	112%	7.5%	0.8	63%	50%	2.3%	231	14%	-2.2%	3.7%
Global	1.5	96%	136%	6.7%	1.4	43%	100%	4.0%	387	24%	89%	6.3%
United States	1.4	3.4%	48%	6.4%	1.5	-23%	14%	4.2%	351	-13%	20%	5.7%
Europe	0.3	226%	-11%	1.2%	0.1	14%	42%	0.2%	8	-32%	-50%	0.1%
Italy	0.2	0.6%	-13%	0.7%	0.1	-54%	-4.3%	0.2%	23	-30%	-15%	0.4%
The Netherlands	0.1	189%	86%	0.6%	0.1	5.1%	-31%	0.2%	17	-13%	-36%	0.3%
Spain	0.0	63%	-31%	0.2%	0.0	163%	69%	0.1%	4	-8.4%	-21%	0.1%
Belgium	0.0	12%	2.4%	0.2%	0.0	-49%	-69%	0.1%	9	-29%	-38%	0.1%
Other	0.1	-56%	-31%	0.3%	0.3	-11%	-24%	0.9%	48	-11%	7.2%	0.8%
Total	21.8	27%	12%		34	11%	7.9%		6,190	6.2%	2.2%	



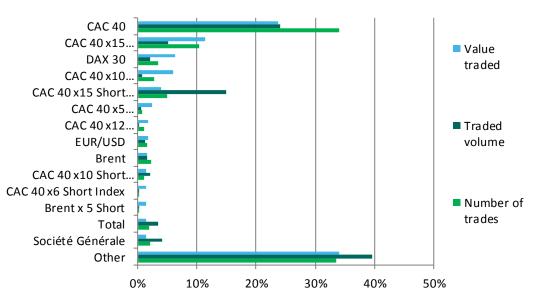
## Top 15 underlyings

The table below displays the daily averages of traded value, traded volume and number of trades on Euronext Paris for the top 15 underlyings, as well as the variation over the previous month and the weight of each of the top 15 underlyings over the total of Euronext Paris.

The chart at the bottom of the page represents the weight of each of the top 15 underlyings in terms of traded value, traded volume and number of trades.

	Value traded			Traded volume				Number of trades				
Underlying	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market
	average	on		share	average	on		share	average	on		share
	(in M€)	month			(in M)	month				month		
CAC 40	5.2	16%	-0.9%	23.7%	8.2	21%	18%	24.1%	2,105	7.9%	-1.1%	34.0%
CAC 40 x15 Leveraged Index	2.5	28%	12%	11.4%	1.7	115%	281%	5.1%	641	38%	37%	10.3%
DAX 30	1.4	159%	104%	6.3%	0.7	88%	59%	2.2%	216	19%	-2.6%	3.5%
CAC 40 x10 Leveraged Index	1.3	53%	-2.0%	6.0%	0.2	95%	98%	0.7%	168	45%	7.6%	2.7%
CAC 40 x15 Short Index	0.9	-6.5%	-14%	4.0%	5.1	-3.2%	11%	14.9%	304	-16%	7.2%	4.9%
CAC 40 x5 Leveraged Index	0.6	53%	50%	2.5%	0.2	71%	77%	0.5%	49	27%	31%	0.8%
CAC 40 x12 Leveraged Index	0.4	53%	0.5%	1.7%	0.1	137%	154%	0.2%	70	57%	-14%	1.1%
EUR/USD	0.4	-11%	60%	1.7%	0.4	-32%	13%	1.3%	93	-7.4%	23%	1.5%
Brent	0.4	92%	252%	1.6%	0.5	123%	393%	1.5%	137	93%	334%	2.2%
CAC 40 x10 Short Index	0.3	15%	-19%	1.5%	0.7	61%	40%	2.2%	64	6.9%	-13%	1.0%
CAC 40 x6 Short Index	0.3	284%	780%	1.4%	0.0	19%	3.6%	0.1%	4	33%	78%	0.1%
Brent x 5 Short	0.3	ND	ND	1.4%	0.0	729%	328%	0.0%	10	288%	530%	0.2%
Total	0.3	150%	171%	1.4%	1.2	175%	220%	3.5%	120	122%	140%	1.9%
Société Générale	0.3	-18%	-0.8%	1.4%	1.4	-4.8%	28%	4.2%	135	-5.5%	12%	2.2%
Other	7.5	17%	5.9%	34.1%	13.5	-3.9%	-17%	39.6%	2,079	-7.0%	-11%	33.6%
Total	22.0	27%	12%		34	11%	7.9%		6,195	6.3%	2.2%	

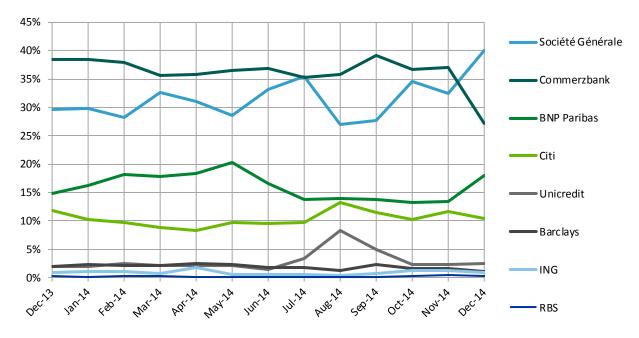




## MARKET TREND: ISSUERS

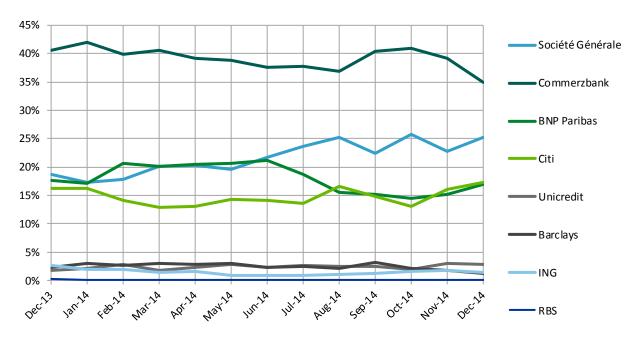
#### Value traded

The historical graph below displays the weight of the traded value of each issuer over the total traded value on Euronext Paris.



#### Number of transactions

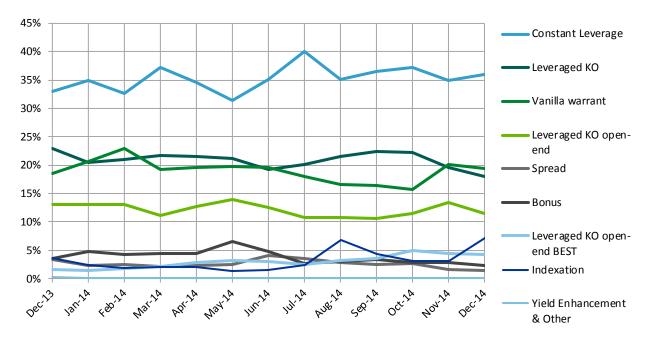
The historical graph below displays the weight of the traded volume of each issuer over the total traded volume on Euronext Paris.



# MARKET TREND: PRODUCT TYPES

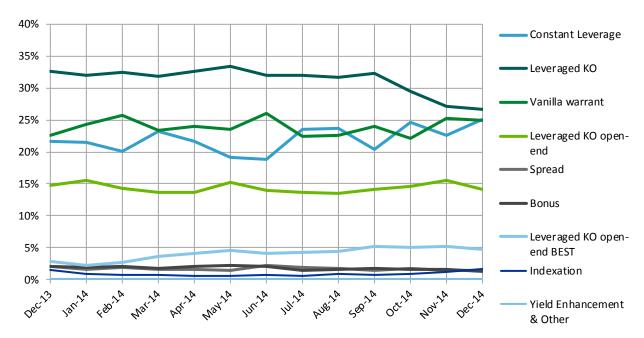
#### Value traded

The historical graph below displays the weight of the traded value of each product type over the total traded value on Euronext Paris.



## Number of transactions

The historical graph below displays the weight of the traded volume of each product type over the total traded volume on Euronext Paris.

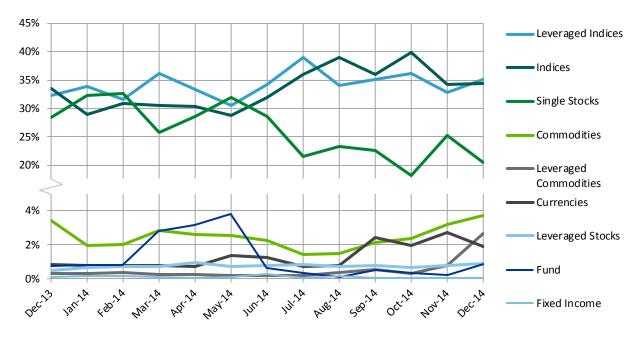


68 Market Activity Report - Warrants & Certificates - Euronext Paris - December 2014

# MARKET TREND: UNDERLYING TYPES

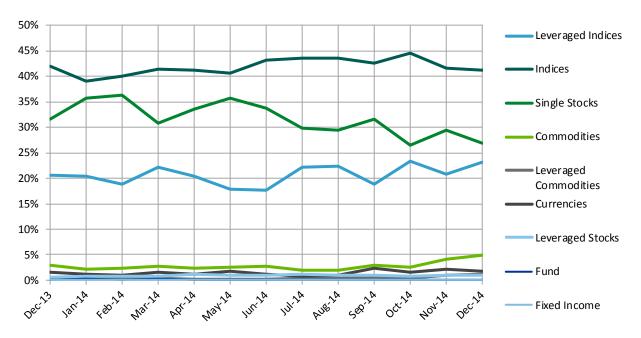
#### Value traded

The historical graph below displays the weight of the traded value of each underlying type over the total traded value on Euronext Paris.



#### Number of transactions

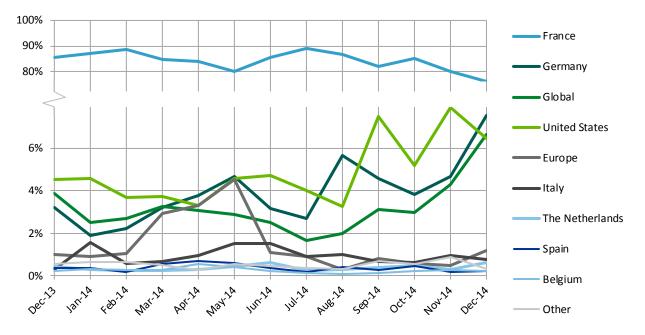
The historical graph below displays the weight of the traded volume of each underlying type over the total traded volume on Euronext Paris.



# MARKET TREND: UNDERLYING COUNTRIES

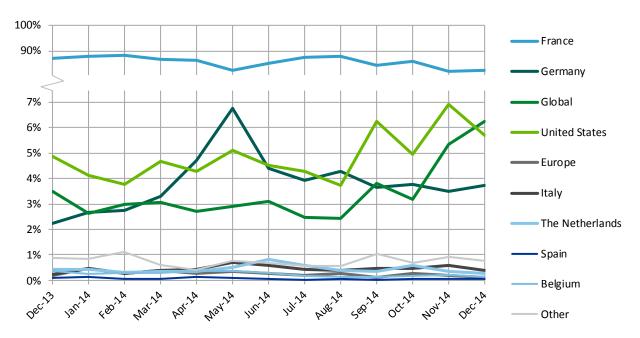
#### Value traded

The historical graph below displays the weight of the traded value of each underlying country of origin over the total traded value on Euronext Paris.



## Number of transactions

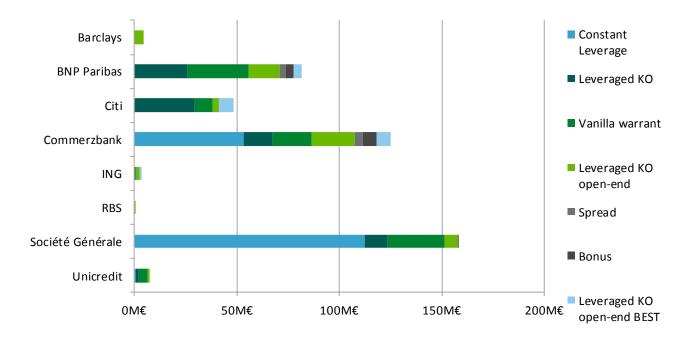
The historical graph below displays the weight of the traded volume of each underlying country of origin over the total traded volume on Euronext Paris.



# **ISSUER ACTIVITY**

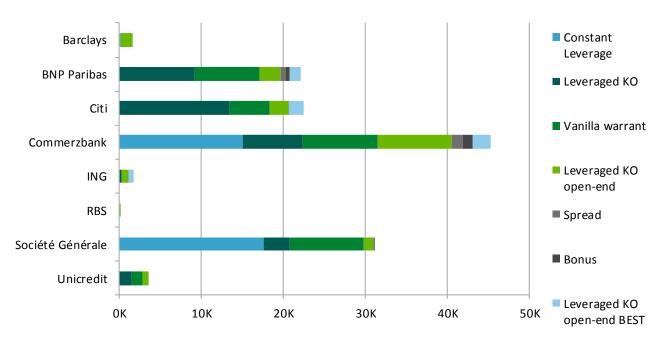
#### Value traded

The chart below displays the value traded per product type (in million Euros) for each issuer active on Euronext Paris.



## Number of transactions

The chart below displays the number of trades per product type for each issuer active on Euronext Paris.

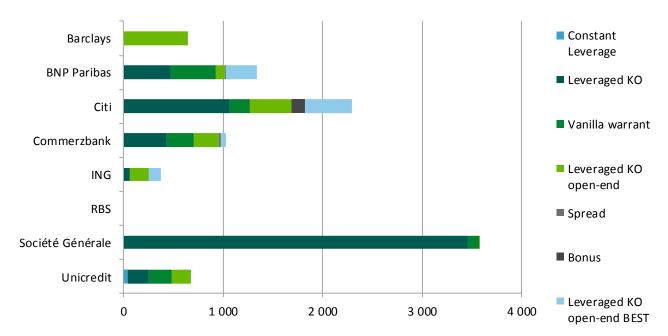


Market Activity Report - Warrants & Certificates - Euronext Paris - December 2014 71

# **ISSUER ACTIVITY: NEW LISTINGS**

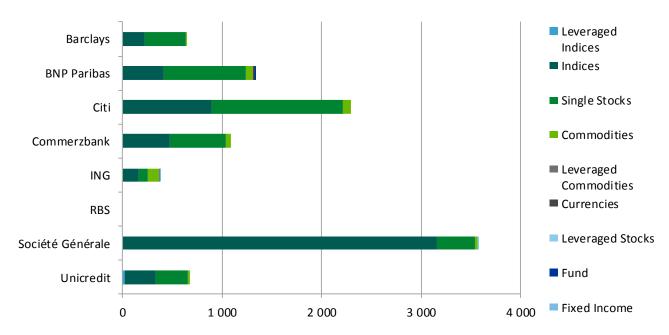
## **Product types**

The chart below displays the number of new product listings during the month per product type for each issuer active on Euronext Paris.



## **Underlying types**

The chart below displays the number of new product listings during the month per underlying type for each issuer active on Euronext Paris.

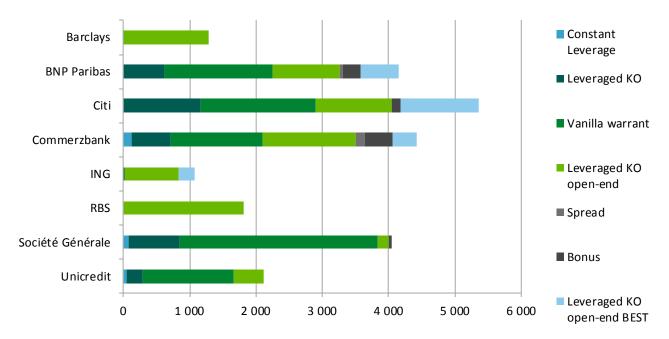


72 Market Activity Report - Warrants & Certificates - Euronext Paris - December 2014

# **ISSUER ACTIVITY: PRODUCT RANGE**

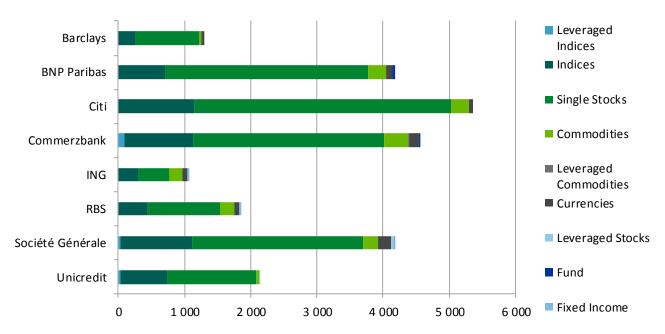
#### **Product types**

The chart below displays the number of existing product listings per product type for each issuer active on Euronext Paris.



## **Underlying types**

The chart below displays the number of existing product listings per underlying type for each issuer active on Euronext Paris.



## Top 50 traded products

The table below displays the 50 most traded products (in terms of value traded) on Euronext Paris.

Symbol LV15Z 6998S CL15S 7731S CS15S SR15Z	ISIN Code DE000CZ5L7J5 FR0011214527 FR0011654441 FR0010961078	Product type Constant Leverage Constant Leverage	Issuer	Name	trades	traded
6998S CL15S 7731S CS15S SR15Z	FR0011214527 FR0011654441	-	Common and a set			(in K€)
6998S CL15S 7731S CS15S SR15Z	FR0011214527 FR0011654441	-		LV15Z PI OPENZ	8,467	32,625
CL15S 7731S CS15S SR15Z	FR0011654441		Commerzbank Société Générale	CAC10 PLOPENS	2,986	24,796
7731S CS15S SR15Z		Constant Leverage	Société Générale	.CA15 PLOPENS	4,986	19,769
CS15S SR15Z		Constant Leverage	Société Générale	CAC5L PLOPENS	4,980	10,352
SR15Z	FR0011654458	Constant Leverage	Société Générale	.CA15 PLOPENS	3,018	9,844
	DE000CZ8VJG3	Constant Leverage	Commerzbank	CAC40 PLOPENZ	2,792	7,982
SGQ6S	FR0012143865	Pure indexation	Société Générale	CAC40 PTOPENS	44	6,402
BRS5S	FR0011334887	Constant Leverage	Société Générale	SGBR5 PLOPENS	136	6,127
CS10S	FR0011451087	Constant Leverage	Société Générale	CA10S PLOPENS	1,123	5,811
CL12S	FR0011431087 FR0011488303	Constant Leverage	Société Générale	CA103 PLOPENS	1,123	5,546
SGQ7S	FR0011488505 FR0012143873	Pure indexation	Société Générale	CAC7S PLOPENS	135	5,395
SGQ5S		Pure indexation	Société Générale	CAC55 PLOPENS	97	4,728
BRL5S	FR0012143824 FR0011334879		Société Générale	SGBR5 PLOPENS	567	4,728
SGR3S	FR0011334879 FR0012189249	Constant Leverage	Société Générale	LDAX8 LEVOPENS	41	
V980B		Constant Leverage			41	3,797 3,632
	NL0010640132	Vanilla warrant	BNP Paribas	PWLDT99.81C 1224B		
110GS	FR0011630474	Pure indexation	Société Générale	.SGIX PI OPENS	468	3,358
6134S	FR0012208239	Leveraged KO	Société Générale	DAX 7700TL 0315S	15	3,246
LV10Z	DE000CZ28ZC2	Constant Leverage	Commerzbank	LV10Z FACOPENZ	548	3,052
4234T	DE000HV0JFY5	Pure indexation	Unicredit	CAC40 PLOPENT	34	2,878
77305	FR0010961060	Constant Leverage	Société Générale	CAC4L PI OPENS	102	2,728
4H72Z	DE000CB6R4K4	Leveraged KO open-end	Commerzbank	NASDQ 4504TPIOPENZ	290	2,454
S5L5S	FR0011472463	Constant Leverage	Société Générale	SX5TD PI OPENS	39	2,363
LV12Z	DE000CK9RD98	Constant Leverage	Commerzbank	CAC40 PI OPENZ	452	2,272
SGR7S	FR0012189371	Constant Leverage	Société Générale	SFTS5 SHTOPENS	15	2,085
6173S	FR0012208627	Leveraged KO	Société Générale	DAX 11600TS 0315S	6	1,962
77295	FR0010961052	Constant Leverage	Société Générale	CAC3L PI OPENS	84	1,879
2124S	FR0010511535	Pure indexation	Société Générale	BRENT PI OPENS	402	1,841
0327S	FR0011641950	Vanilla warrant	Société Générale	CAC40 4300C 1214S	135	1,725
6940S	FR0011119395	Constant Leverage	Société Générale	CAC7L PI OPENS	269	1,477
0285S	FR0011921824	Leveraged KO open-end	Société Générale	CAC40 4899TS OPENS	146	1,435
Y607B	NL0010790382	Vanilla warrant	BNP Paribas	CAC40 4300C 0315B	96	1,385
9202S	FR0010673350	Pure indexation Quanto	Société Générale	GOLD PIQOPENS	67	1,369
1S66Z	DE000CR2VDD6	Leveraged KO open-end	Commerzbank	OILCR52.17TCIOPENZ	763	1,291
Z192B	FR0012239218	Leveraged KO open-end BEST	BNP Paribas	CAC40 4450TPIOPENB	72	1,257
W798B	FR0012143121	Leveraged KO	BNP Paribas	GMLTO 90TPS1214B	10	1,236
J905Z	DE000CR2TUJ1	Vanilla warrant	Commerzbank	DAX 9000C 0315Z	6	1,222
4235T	DE000HV0JF00	Pure indexation	Unicredit	CACNR PI OPENT	8	1,222
	DE000CC4HPM3	Leveraged KO open-end BEST	Citi	ALCAT 2.5TCIOPENC	116	1,158
2E74Z	DE000CR2VZP3	Vanilla warrant	Commerzbank	CAC40 4150C 0115Z	36	1,152
7718S	FR0010956656	Pure indexation	Société Générale	GOLD PI OPENS	7	1,144
CS12S	FR0011488329	Constant Leverage	Société Générale	CA12S PLOPENS	465	1,139
6995S	FR0011214501	Constant Leverage	Société Générale	CAC5L PI OPENS	29	1,080
6534C	DE000CC4GNC1	Leveraged KO	Citi	SANOF 70TL 0315C	43	1,060
8631C	DE000CC31P67	Leveraged KO	Citi	CAC40 3875TL 1214C	54	1,057
SGR6S	FR0012189363	Constant Leverage	Société Générale	LFTS5 LEVOPENS	14	1,055
9P45Z	DE000CB6S5P9	Leveraged KO open-end	Commerzbank	SP500 2212TPIOPENZ	167	1,041
1J41Z	DE000CR2UZ81	Leveraged KO open-end BEST	Commerzbank	EUUSD 1.27TS OPENZ	106	972
H804Z	DE000CR2SY78	Vanilla warrant	Commerzbank	CAC40 4200P 0215Z	265	969
1983S	FR0011912054	Vanilla warrant	Société Générale	NASDQ3500C 0315S	8	937
S5S5S Source: Euro	FR0011472489	Constant Leverage	Société Générale	SX5GT PI OPENS	47	930

All data as of the date of publication. Euronext disclaims any duty to update this information. Euronext refers to Euronext N.V. and its affiliates. Information regarding trademarks and intellectual property rights of Euronext is located at https://www.euronext.com/ terms-use.

© 2015, Euronext N.V. - All rights reserved.

This publication is for information purposes only and is not a recommendation to engage in investment activities. This publication is provided "as is" without representation or warranty of any kind. Whilst all reasonable care has been taken to ensure the accuracy of the content, Euronext does not guarantee its accuracy or completeness. Euronext will not be held liable for any loss or damages of any nature ensuing from using, trusting or acting on information provided. No information set out or referred to in this publication shall form the basis of any contract. The creation of rights and obligations in respect of financial products that are traded on the exchanges operated by Euronext's subsidiaries shall depend solely on the applicable rules of the market operator. All proprietary rights and interest in or connected with this publication shall vest in Euronext. No part of it may be redistributed or reproduced in any form without the prior written permission of Euronext.