warrants and certificates Activity report

lssue 40 November 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.

© 2014, Euronext N.V. - All rights reserved.

	Euronext Amsterdam	Euronext Brussels	Euronext Lisbon	Euronext Paris	Euronext Markets
Live listings (as of 30/11/2014)	10,680	4,865	2,332	30,172	48,049
Newlistings	2,567	1,306	277	11,564	15,714
Value traded (in M€)	675	5.3	72.5	345	1,098
Value traded YTD (in M€)	8,368	53.5	791.5	4,528	13,742
Traded volume (in M)	309	6.7	27.2	617	961
Traded volume YTD (in M)	5,147	77.5	363.7	7,352	12,941
Number of trades	140,109	2,647	13,828	116,560	273,144
Number of trades YTD	1,870,084	22,680	171,800	1,415,232	3,479,796
(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** 





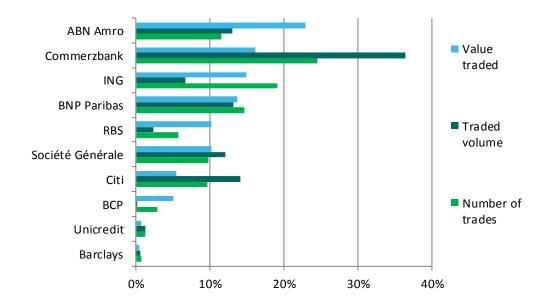
# **Euronext Markets**

#### 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 t	raded			Traded	volume		N	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	12.6	-8.5%	16%	22.9%	6.2	-9.6%	4.7%	13.0%	1,582	-17%	9.7%	11.6%
Commerzbank	8.9	-20%	-8.1%	16.2%	17.5	-0.3%	1.3%	36.5%	3,347	-19%	-0.1%	24.5%
ING	8.2	-12%	3.4%	15.0%	3.2	-30%	-36%	6.7%	2,618	-14%	-8.9%	19.2%
BNP Paribas	7.6	52%	98%	13.8%	6.3	27%	40%	13.2%	2,009	22%	59%	14.7%
RBS	5.6	-43%	-60%	10.3%	1.1	-68%	-86%	2.3%	778	-56%	-71%	5.7%
Société Générale	5.6	-25%	-6.9%	10.2%	5.8	-11%	-5.4%	12.1%	1,330	-27%	2.3%	9.7%
Citi	3.0	-10%	-0.1%	5.5%	6.8	-20%	-4.0%	14.1%	1,325	-4.0%	4.3%	9.7%
BCP	2.8	58%	9.8%	5.1%	0.1	26%	-3.4%	0.2%	396	56%	-4.4%	2.9%
Unicredit	0.4	-24%	-34%	0.7%	0.6	2.1%	-28%	1.2%	170	30%	19%	1.2%
Barclays	0.3	-21%	-30%	0.5%	0.3	-0.3%	-13%	0.5%	101	-34%	-35%	0.7%
Total	54.9	-12%	-6.5%		48.0	-10%	-13%		13,657	-16%	-8.2%	

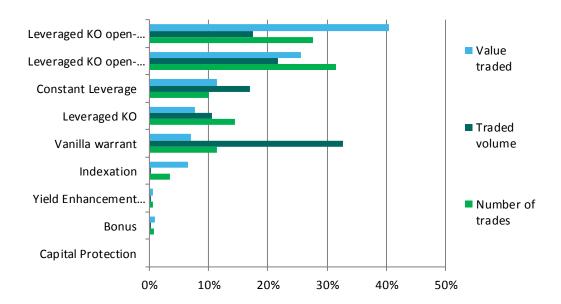


#### **Product types**

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 t	raded			Traded	volume		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		
Leveraged KO open-end	22.2	-10%	2.5%	40.5%	8.4	-18%	-13%	17.5%	3,772	-15%	-6.9%	27.6%
Leveraged KO open-end BEST	14.0	-10%	-13%	25.5%	10.4	-20%	-32%	21.7%	4,298	-18%	-11%	31.5%
Constant Leverage	6.3	-25%	-12%	11.4%	8.2	6.2%	0.5%	17.0%	1,380	-24%	0.6%	10.1%
Leveraged KO	4.2	-30%	-18%	7.7%	5.1	-26%	-25%	10.6%	1,975	-21%	-17%	14.5%
Vanilla warrant	3.8	5.7%	-1.9%	7.0%	15.7	0.9%	4.1%	32.8%	1,567	-6.1%	2.1%	11.5%
Indexation	3.6	34%	6.1%	6.5%	0.1	18%	-3.9%	0.3%	480	46%	-0.3%	3.5%
Yield Enhancement & Other	0.3	-48%	-45%	0.5%	0.0	-24%	-49%	0.0%	85	-32%	-20%	0.6%
Bonus	0.5	-18%	-39%	1.0%	0.0	-52%	-57%	0.1%	101	-13%	-16%	0.7%
Capital Protection			-100%				-100%				-100%	
Total	54.9	-12%	-6.5%		48	-10%	-13%		13,657	-16%	-8.2%	

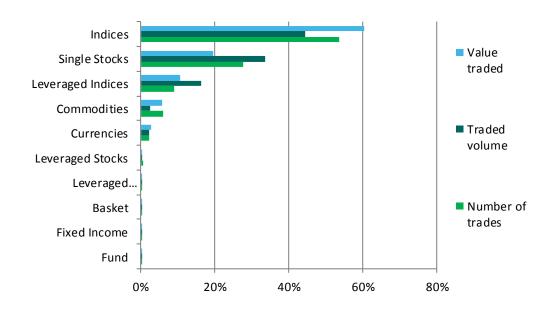


#### **Underlying types**

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	33.2	-17%	-6.8%	60.4%	21.3	-18%	-20%	44.4%	7,309	-23%	-12%	53.5%
Single Stocks	10.7	3.8%	-13%	19.6%	16.2	-9.3%	-13%	33.8%	3,785	-5.6%	-11%	27.7%
Leveraged Indices	5.8	-27%	-14%	10.6%	7.8	5.9%	0.1%	16.3%	1,232	-26%	-1.7%	9.0%
Commodities	3.1	33%	29%	5.7%	1.3	38%	15%	2.7%	843	36%	23%	6.2%
Currencies	1.5	28%	84%	2.7%	1.0	13%	68%	2.1%	313	15%	32%	2.3%
Leveraged Stocks	0.2	-23%	-8.3%	0.4%	0.2	-21%	-28%	0.4%	90	-19%	2.5%	0.7%
Leveraged Commodities	0.1	93%	96%	0.2%	0.1	141%	156%	0.3%	53	83%	115%	0.4%
Basket	0.1	-1.8%	-24%	0.2%	0.0	-20%	-29%	0.0%	8	-10%	-38%	0.1%
Fixed Income	0.0	-69%	-67%	0.1%	0.0	-80%	-68%	0.0%	16	-47%	-59%	0.1%
Fund	0.0	-56%	-87%	0.1%	0.0	-59%	-91%	0.0%	6	-21%	-37%	0.0%
Total	54.9	-12%	-6.5%		48	-10%	-13%		13,654	-16%	-8.2%	



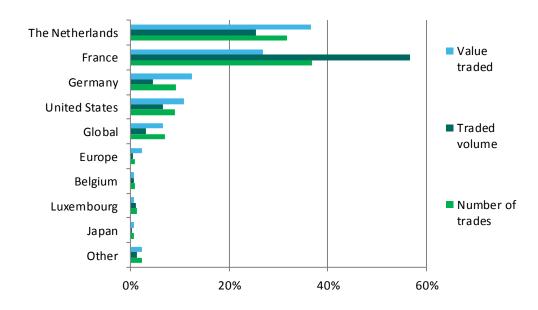
#### Top 10 underlying countries

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	20.1	-19%	-15%	36.7%	12.2	-23%	-33%	25.5%	4,328	-23%	-17%	31.7%
France	14.7	-25%	-16%	26.8%	27.2	-7.7%	-5.5%	56.6%	5,028	-21%	-8.1%	36.8%
Germany	6.8	16%	7.4%	12.4%	2.2	-5.7%	-15%	4.6%	1,267	-13%	-11%	9.3%
United States	5.9	9.3%	38%	10.8%	3.1	9.1%	29%	6.5%	1,225	-3.3%	9.5%	9.0%
Global	3.6	31%	26%	6.5%	1.5	42%	22%	3.2%	963	36%	25%	7.1%
Europe	1.3	12%	4.9%	2.4%	0.2	-11%	38%	0.5%	135	7.0%	-3.3%	1.0%
Belgium	0.4	-34%	-29%	0.8%	0.3	-30%	-44%	0.6%	125	-28%	-25%	0.9%
Luxembourg	0.4	-12%	-24%	0.7%	0.5	0.0%	-20%	1.0%	178	-8.9%	-7.7%	1.3%
Japan	0.3	25%	10%	0.6%	0.1	6.2%	18%	0.2%	83	46%	32%	0.6%
Other	1.3	0.5%	-13%	2.3%	0.6	-17%	-0.4%	1.3%	323	8.8%	-1.5%	2.4%
Total	54.8	-12%	-6.6%		48	-10%	-13%		13,656	-16%	-8.2%	

(Source: Euronext)



Market Activity Report - Warrants & Certificates - Euronext Markets - November 2014 9

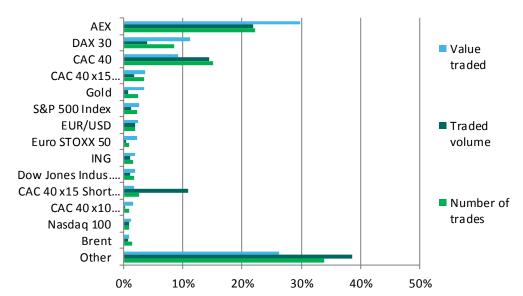
## Top 15 underlyings

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	16.4	-23%	-16%	29.8%	10.5	-22%	-34%	22.0%	3,042	-30%	-21%	22.3%
DAX 30	6.1	14%	5.2%	11.2%	1.9	-2.0%	-15%	3.9%	1,164	-13%	-9.4%	8.5%
CAC 40	5.1	-36%	-14%	9.3%	7.0	-21%	-2.2%	14.5%	2,073	-26%	-7.2%	15.2%
CAC 40 x15 Leveraged Index	1.9	-30%	-12%	3.5%	0.8	-39%	137%	1.7%	465	-35%	3.2%	3.4%
Gold	1.8	32%	32%	3.4%	0.4	37%	1.4%	0.8%	338	24%	1.1%	2.5%
S&P 500 Index	1.4	-6.8%	31%	2.6%	0.6	0.2%	26%	1.2%	301	-7.0%	27%	2.2%
EUR/USD	1.3	22%	91%	2.4%	0.9	8.7%	69%	2.0%	259	4.6%	27%	1.9%
Euro STOXX 50	1.2	17%	31%	2.3%	0.2	-9.8%	84%	0.4%	124	10%	0.8%	0.9%
ING	1.1	-22%	-6.3%	2.0%	0.5	-34%	-32%	1.1%	225	-23%	-16%	1.6%
Dow Jones Indus. Avg.	1.1	3.2%	23%	1.9%	0.5	66%	86%	1.1%	240	14%	28%	1.8%
CAC 40 x15 Short Index	0.9	-36%	-9.0%	1.7%	5.3	42%	16%	10.9%	362	-0.3%	29%	2.7%
CAC 40 x10 Leveraged Index	0.9	-28%	-36%	1.6%	0.1	-46%	11%	0.2%	116	-36%	-25%	0.9%
Nasdaq 100	0.7	24%	69%	1.3%	0.4	1.7%	45%	0.8%	126	-7.6%	12%	0.9%
Brent	0.5	27%	88%	0.9%	0.3	69%	208%	0.7%	199	92%	214%	1.5%
Other	14.4	3.4%	-11%	26.3%	18.6	-9.2%	-16%	38.6%	4,623	-3.8%	-9.3%	33.9%
Total	54.9	-12%	-6.5%		48	-10%	-13%		13,657	-16%	-8.2%	

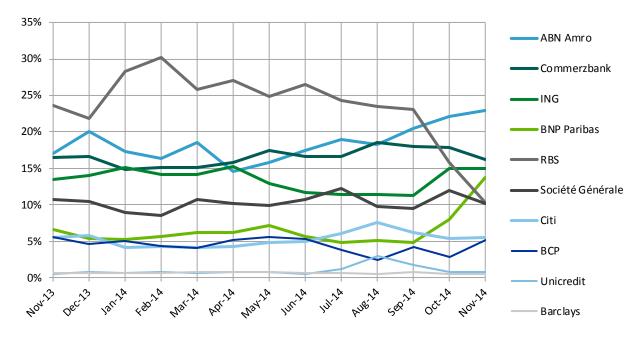




## MARKET TREND: ISSUERS

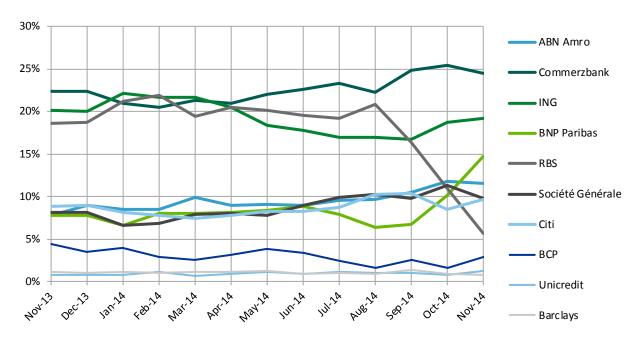
#### Value traded

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

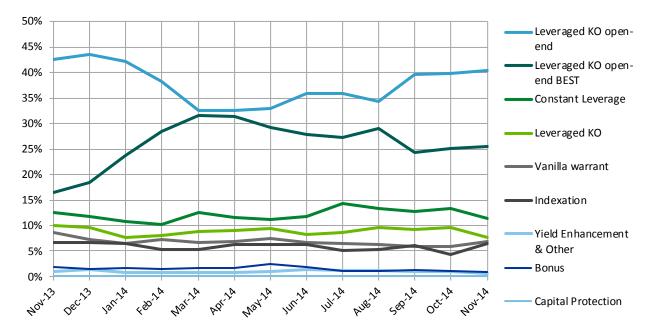


Market Activity Report - Warrants & Certificates - Euronext Markets - November 2014 11

## MARKET TREND: PRODUCT TYPES

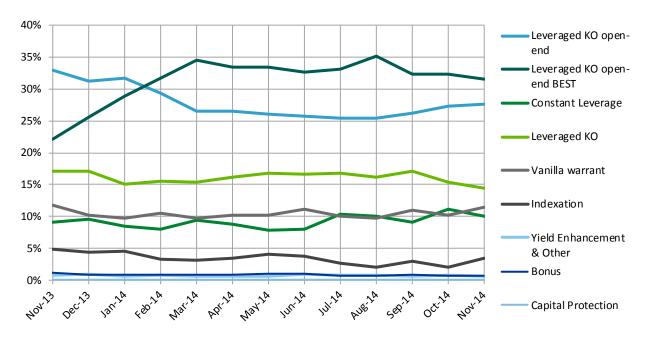
#### Value traded

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

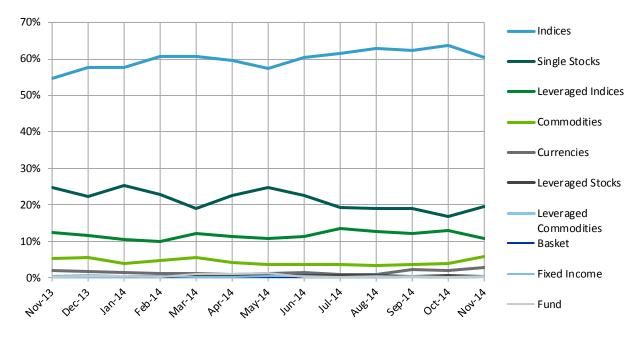
The historical graph below displays the weight of the traded volume of each product type over the total traded volume across all Euronext markets.



## MARKET TREND: UNDERLYING TYPES

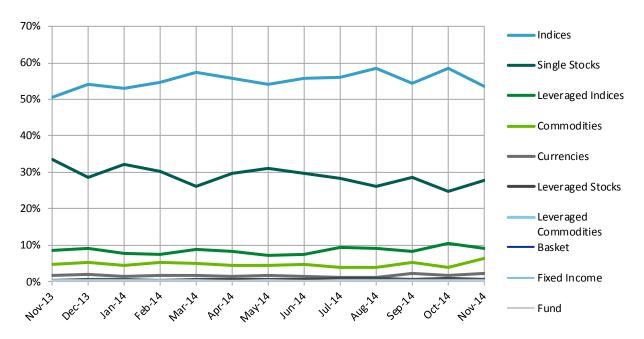
#### Value traded

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

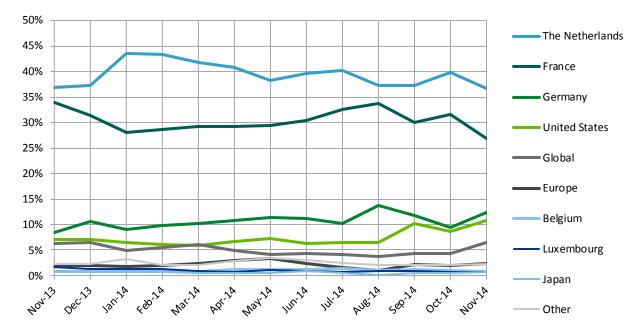
The historical graph below displays the weight of the traded volume of each underlying type over the total traded volume across all Euronext markets.



## MARKET TREND: UNDERLYING COUNTRIES

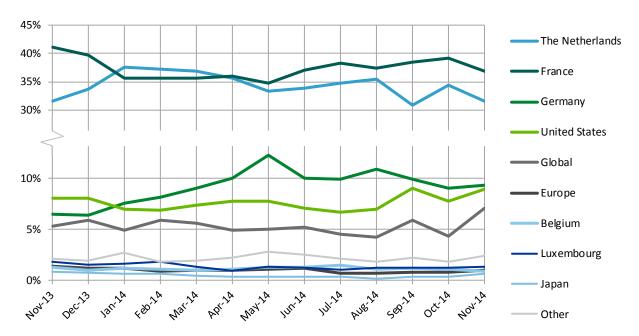
#### Value traded

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

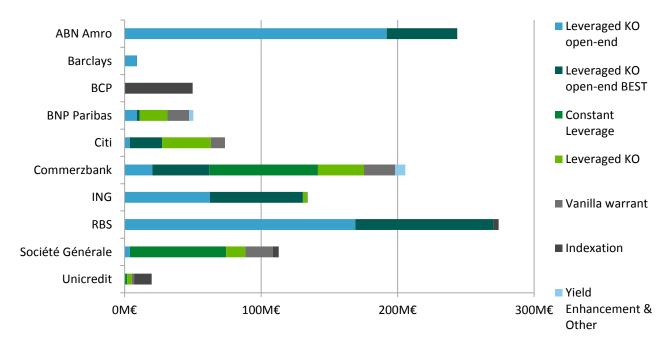
The historical graph below displays the weight of the traded volume of each underlying country of origin over the total traded volume across all Euronext markets.



## **ISSUER ACTIVITY**

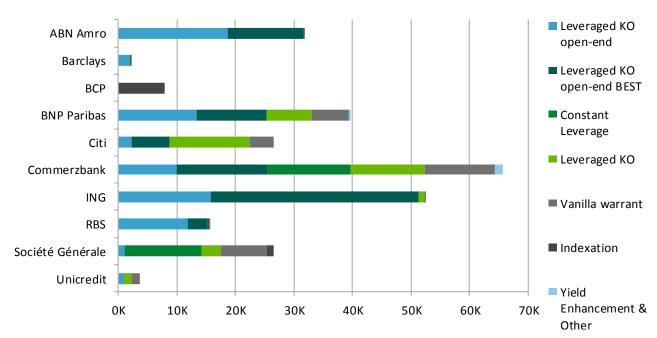
#### Value traded

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.

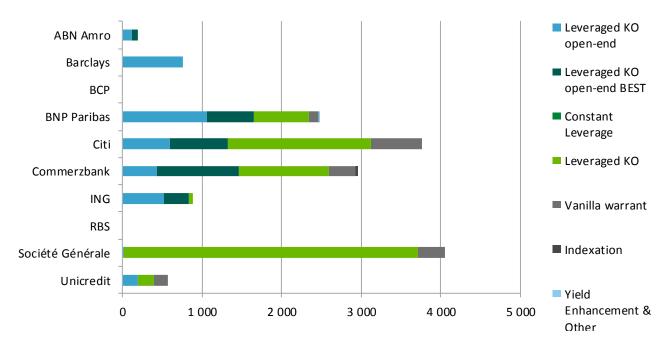


Market Activity Report - Warrants & Certificates - Euronext Markets - November 2014 15

## **ISSUER ACTIVITY: NEW LISTINGS**

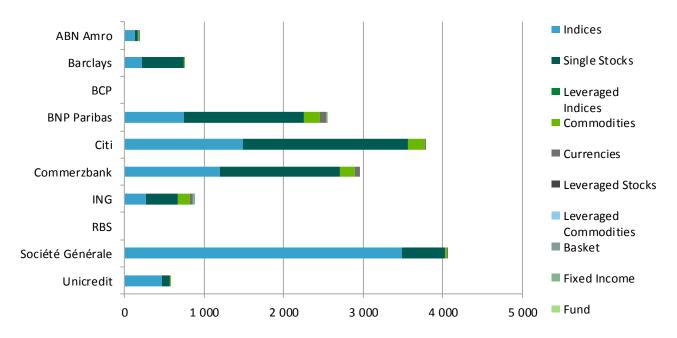
#### **Product types**

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.

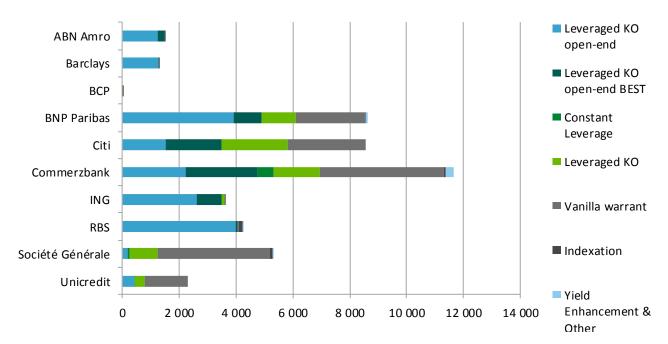


16 Market Activity Report - Warrants & Certificates - Euronext Markets - November 2014

## **ISSUER ACTIVITY: PRODUCT RANGE**

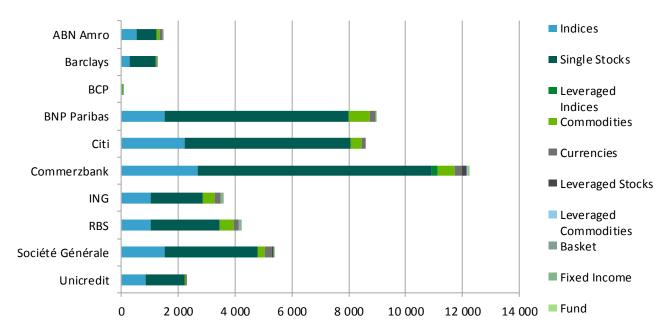
#### **Product types**

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 - November 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	ISIN Code	Product type	lssuer	Name	Number of	Value traded
symbol					trades	(in K€)
LV15Z	DE000CZ5L7J5	Constant Leverage	Commerzbank	LV15Z PI OPENZ	5,954	24,278
CL15S	FR0011654441	Constant Leverage	Société Générale	.CA15 PI OPENS	3,349	14,575
1025P	PTBIVRYE0068	Pure indexation	ВСР	ESTX PI OPENP	1,562	14,279
69985	FR0011214527	Constant Leverage	Société Générale	CAC10 PI OPENS	1,885	13,468
1029P	PTBITAYE0046	Pure indexation	BCP	SP500 PLOPENP	1,765	12,715
HF21A	NL0010716569	Leveraged KO open-end	ABN Amro	AEX 420.9TS OPENA	803	12,160
CS15S	FR0011654458	Constant Leverage	Société Générale	.CA15 PI OPENS	3,271	9,565
HJ83A	NL0010720181	Leveraged KO open-end BEST	ABN Amro	AEX 406.2TRLOPENA	720	8,911
HJ38A	NL0010719738	Leveraged KO open-end BEST	ABN Amro	AEX 402.4TRLOPENA	937	8,460
SR15Z	DE000CZ8VJG3	Constant Leverage	Commerzbank	CAC40 PI OPENZ	3,479	8,234
E962A	NL0010335006	Leveraged KO open-end	ABN Amro	AEX 460TS OPENA	554	7,975
E961A	NL0010334991	Leveraged KO open-end	ABN Amro	AEX 480TS OPENA	122	7,658
HH86A	NL0010334991 NL0010719191	0	ABN Amro			7,058
		Leveraged KO open-end		AEX 395.3TL OPENA	498	
HJ62A	NL0010719977	Leveraged KO open-end	ABN Amro	AEX 398.3TL OPENA	384	7,483
1027P	PTBITEYE0034	Pure indexation	BCP	DAX PI OPENP	883	7,119
HJ63A	NL0010719985	Leveraged KO open-end	ABN Amro	AEX 397.3TL OPENA	325	6,288
7731S	FR0010961078	Constant Leverage	Société Générale	CAC5L PI OPENS	682	6,047
HF20A	NL0010716551	Leveraged KO open-end	ABN Amro	AEX 422.9TS OPENA	429	5,997
HJ60A	NL0010719951	Leveraged KO open-end	ABN Amro	AEX 400.3TL OPENA	239	5,428
HF24A	NL0010716593	Leveraged KO open-end	ABN Amro	AEX 414.9TS OPENA	180	4,946
H999A	NL0010710760	Leveraged KO open-end	ABN Amro	AEX 434.9TS OPENA	616	4,917
1023P	PTBIXRYE0025	Pure indexation	BCP	IBEX PI OPENP	643	4,711
SGR3S	FR0012189249	Constant Leverage	Société Générale	LDAX8 LEVOPENS	61	4,623
1032P	PTBCS1YE0010	Pure indexation	BCP	NIKEI PI OPENP	909	4,062
HH90A	NL0010719233	Leveraged KO open-end	ABN Amro	AEX 391.3TL OPENA	200	4,053
K736S	FR0011978691	Vanilla warrant	Société Générale	CAC40 4400P 1114S	231	4,016
CS10S	FR0011451087	Constant Leverage	Société Générale	CA10S PI OPENS	954	3,988
LV10Z	DE000CZ28ZC2	Constant Leverage	Commerzbank	LV10Z FACOPENZ	440	3,903
CL12S	FR0011488303	Constant Leverage	Société Générale	CA12L PLOPENS	642	3,864
AY17G	NL0010942777	Leveraged KO open-end BEST	ING	AEX 402.4SPLOPENG	1,709	3,692
9520N	NL0010442943	Leveraged KO open-end BEST	RBS	AEX 361.2BL OPENN	275	3,614
HH87A	NL0010719209	Leveraged KO open-end	ABN Amro	AEX 394.3TL OPENA	236	3,584
1028P	PTBIY1YE0064	Pure indexation	BCP	PSI 2 PI OPENP	575	3,575
0434N	NL0010175048	Leveraged KO open-end	RBS	AEX 310TL OPENN	100	3,523
AQ36B	NL0010898383	Leveraged KO open-end BEST	BNP Paribas	AEX 405BL OPENB	794	3,464
HH91A	NL0010719241	Leveraged KO open-end	ABN Amro	AEX 390.3TL OPENA	239	3,456
HH64A	NL0010718987	Leveraged KO open-end BEST	ABN Amro	AEX 393.4TRLOPENA	484	3,417
1026P	PTBIYZYE0040	Pure indexation	BCP	DJIND PI OPENP	641	3,312
HJ61A	NL0010719969	Leveraged KO open-end	ABN Amro	AEX 399.3TL OPENA	207	3,274
HE11A	NL0010715462	Leveraged KO open-end BEST	ABN Amro	AEX 433.2TRSOPENA	773	3,265
B484N	NL0010519468	Leveraged KO open-end	RBS	ING 8.8TL OPENN	183	3,169
8615G	NL0009231547	Leveraged KO open-end	ING	DJIND 9230SPLOPENG	156	3,168
HJ56A	NL0010719910	Leveraged KO open-end	ABN Amro	AEX 404.3TL OPENA	290	3,157
D335N	NL0010660403	Leveraged KO open-end BEST	RBS	AEX 438BS OPENN	656	3,131
7730S	FR0010961060	Constant Leverage	Société Générale	CAC4L PI OPENS	101	2,957
7152G	NL0009105170	Leveraged KO open-end	ING	NASDQ 1230SPLOPENG	51	2,927
HJ64A	NL0010719993	Leveraged KO open-end	ABN Amro	AEX 396.3TL OPENA	168	2,908
AZ55G	NL0010939559	Leveraged KO open-end	ING	NASDQ 3810SPLOPENG	100	2,500
HH88A	NL0010719217	Leveraged KO open-end	ABN Amro	AEX 393.3TL OPENA	191	2,733
HH89A	NL0010719225	Leveraged KO open-end	ABN Amro	AEX 393.3TE OF ENA	188	2,708
(Source: Eu			ABRAINO		100	2,700



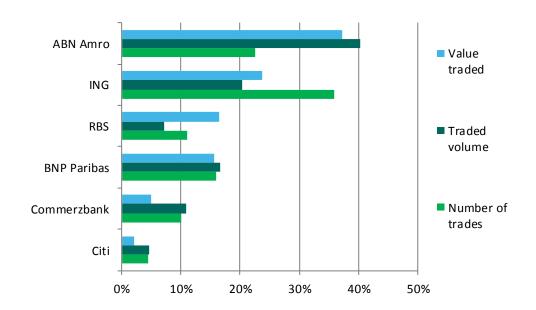
# **Euronext Amsterdam**

#### 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 t	raded			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 M€)	month			(in M)	month				month			
ABN Amro	12.6	-8.5%	16%	37.2%	6.2	-9.6%	4.7%	40.4%	1,582	-17%	9.7%	22.6%	
ING	8.0	-11%	2.9%	23.7%	3.1	-30%	-37%	20.4%	2,511	-14%	-10%	35.8%	
RBS	5.6	-43%	-60%	16.5%	1.1	-68%	-86%	7.2%	773	-56%	-71%	11.0%	
BNP Paribas	5.3	146%	609%	15.6%	2.6	115%	633%	16.6%	1,120	78%	567%	16.0%	
Commerzbank	1.7	-18%	-2.1%	5.0%	1.7	-18%	-10%	10.8%	707	-10%	10%	10.1%	
Citi	0.7	-12%	-12%	2.0%	0.7	-31%	-16%	4.6%	313	-13%	4.7%	4.5%	
Total	33.7	-9.9%	-5.6%		15.5	-19%	-30%		7,005	-16%	-12%		

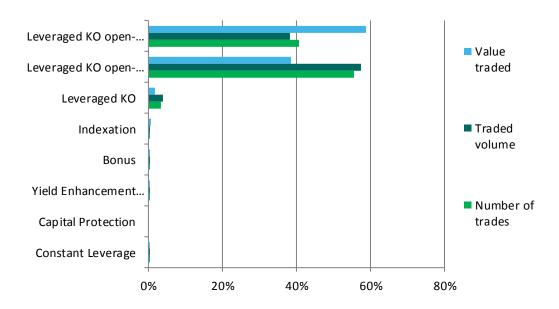


#### **Product types**

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 t	raded			Traded	volume		N	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	19.9	-11%	3.3%	58.8%	5.9	-20%	-12%	38.3%	2,848	-16%	-9.6%	40.7%
Leveraged KO open-end BEST	13.0	-8.5%	-16%	38.6%	8.9	-19%	-38%	57.5%	3,888	-18%	-14%	55.5%
Leveraged KO	0.6	-18%	-12%	1.7%	0.6	-16%	-24%	4.0%	238	-4.3%	-13%	3.4%
Indexation	0.2	9.0%	-18%	0.7%	0.0	-2.6%	-29%	0.1%	17	-1.7%	-27%	0.2%
Bonus	0.0	-1.9%	-59%	0.1%	0.0	71%	-81%	0.0%	6	34%	-47%	0.1%
Yield Enhancement & Other	0.0	96%	-23%	0.1%	0.0	108%	-32%	0.1%	1	2.9%	-30%	0.0%
Capital Protection			-100%				-100%				-100%	
Constant Leverage	0.0	-77%	43%	0.0%	0.0	-71%	-29%	0.1%	8	-16%	162%	0.1%
Total	33.8	- 10%	-06%		15	- 19%	- 30%		7,005	-16%	- 12%	

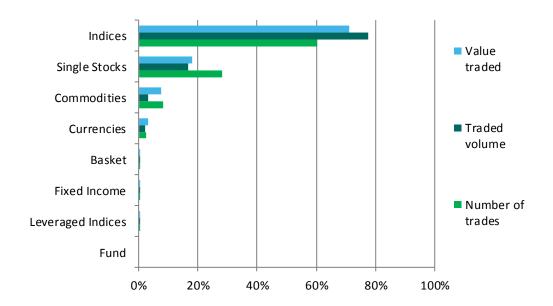


#### **Underlying types**

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 o	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	24.0	-16%	-8.9%	71.1%	12.0	-21%	-32%	77.7%	4,227	-26%	-17%	60.3%
Single Stocks	6.1	0.3%	-9.0%	18.0%	2.6	-22%	-25%	16.8%	1,977	-2.0%	-8.9%	28.2%
Commodities	2.5	40%	31%	7.5%	0.5	39%	-8.1%	3.2%	589	38%	14%	8.4%
Currencies	1.0	40%	83%	3.1%	0.3	65%	72%	2.1%	187	21%	27%	2.7%
Basket	0.1	-2.7%	-22%	0.3%	0.0	-20%	-29%	0.0%	7	-14%	-39%	0.1%
Fixed Income	0.0	-73%	-68%	0.1%	0.0	-81%	-67%	0.1%	11	-54%	-66%	0.2%
Leveraged Indices	0.0	-82%	42%	0.0%	0.0	-76%	86%	0.0%	7	-13%	268%	0.1%
Fund		-100%	-100%			-100%	-100%			-100%	-100%	
Total	33.7	-9.9%	-5.6%		15	-19%	-30%		7,005	-16%	-12%	

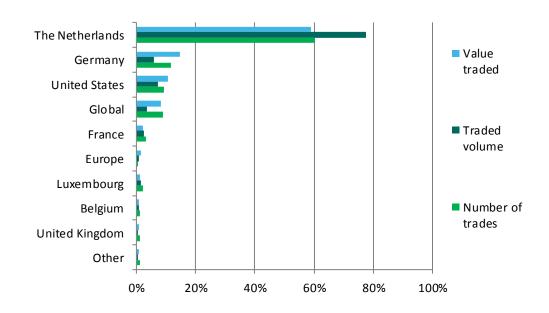


#### Top 10 underlying countries

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 t	raded			Traded	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	19.9	-18%	-15%	59.1%	12.0	-22%	-33%	77.4%	4,234	-22%	-17%	60.4%
Germany	5.0	16%	4.6%	14.7%	0.9	-11%	-32%	5.9%	825	-15%	-11%	11.8%
United States	3.6	4.6%	36%	10.7%	1.1	13%	25%	7.2%	660	-15%	-3.2%	9.4%
Global	2.8	35%	26%	8.2%	0.5	34%	-10%	3.4%	631	35%	12%	9.0%
France	0.8	-35%	-23%	2.3%	0.4	-49%	-28%	2.3%	226	-19%	-6.3%	3.2%
Europe	0.5	-17%	80%	1.4%	0.1	-25%	74%	0.7%	40	-23%	27%	0.6%
Luxembourg	0.4	-13%	-25%	1.0%	0.2	-9.5%	-14%	1.3%	151	-9.8%	-8.1%	2.2%
Belgium	0.3	-36%	-33%	0.9%	0.1	-33%	-57%	0.7%	86	-28%	-29%	1.2%
United Kingdom	0.2	78%	22%	0.7%	0.1	-24%	2.1%	0.4%	79	63%	48%	1.1%
Other	0.3	-40%	-19%	0.8%	0.1	-40%	-9.5%	0.6%	72	-12%	-10%	1.0%
Total	33.7	-9.9%	-5.6%		15	-19%	-30%		7,005	-16%	-12%	



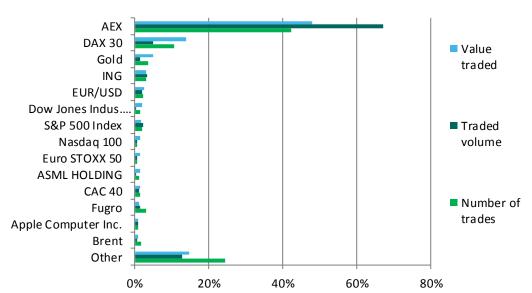
## Top 15 underlyings

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 o	ftrades	
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	16.2	-22%	-16%	48.1%	10.4	-22%	-34%	67.1%	2,969	-30%	-22%	42.4%
DAX 30	4.7	17%	6.0%	14.0%	0.8	-13%	-34%	5.1%	756	-15%	-9.3%	10.8%
Gold	1.7	45%	43%	5.0%	0.2	63%	-9.9%	1.3%	256	33%	-5.2%	3.6%
ING	1.1	-22%	-6.4%	3.1%	0.5	-35%	-31%	3.3%	223	-22%	-16%	3.2%
EUR/USD	0.9	34%	92%	2.6%	0.3	65%	75%	1.9%	152	13%	22%	2.2%
Dow Jones Indus. Avg.	0.7	-2.9%	12%	1.9%	0.1	-22%	-38%	0.4%	98	-27%	-13%	1.4%
S&P 500 Index	0.6	-36%	20%	1.9%	0.3	-7.1%	36%	2.2%	143	-28%	16%	2.0%
Nasdaq 100	0.5	110%	118%	1.5%	0.1	3.2%	25%	0.6%	46	-14%	7.1%	0.7%
Euro STOXX 50	0.5	-17%	83%	1.4%	0.1	-25%	76%	0.7%	40	-22%	29%	0.6%
ASML HOLDING	0.5	70%	30%	1.3%	0.1	-12%	-27%	0.4%	92	30%	-9.6%	1.3%
CAC 40	0.5	-35%	-13%	1.3%	0.2	-31%	-19%	1.2%	99	3.3%	35%	1.4%
Fugro	0.4	120%	206%	1.1%	0.2	21%	189%	1.4%	223	69%	234%	3.2%
Apple Computer Inc.	0.3	50%	42%	0.9%	0.1	203%	145%	0.9%	67	16%	8.6%	1.0%
Brent	0.3	36%	75%	0.9%	0.1	85%	161%	0.6%	125	91%	221%	1.8%
Other	5.0	-6.3%	-20%	14.7%	2.0	-25%	-32%	12.9%	1,718	-4.8%	-16%	24.5%
Total	33.7	-9.9%	-5.6%		15	-19%	-30%		7,005	-16%	-12%	

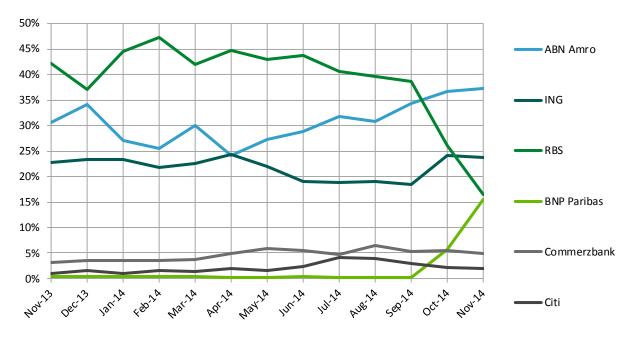




## MARKET TREND: ISSUERS

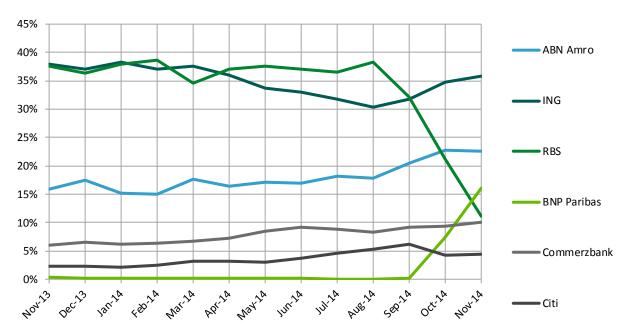
#### Value traded

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

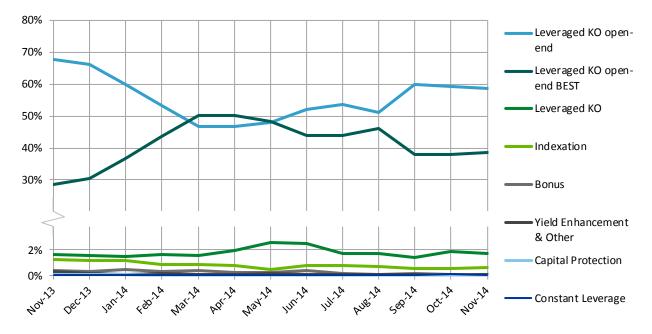
The historical graph below displays the weight of the traded volume of each issuer over the total traded volume on Euronext Amsterdam.



## MARKET TREND: PRODUCT TYPES

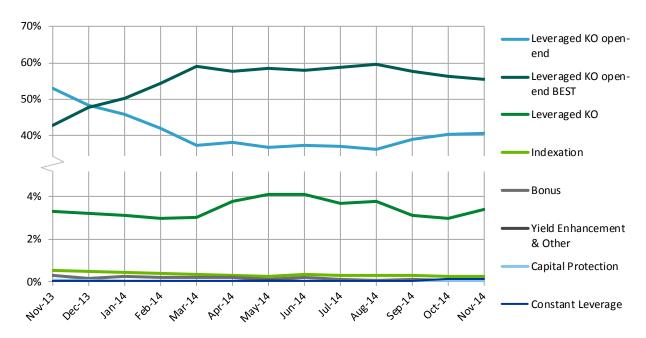
#### Value traded

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

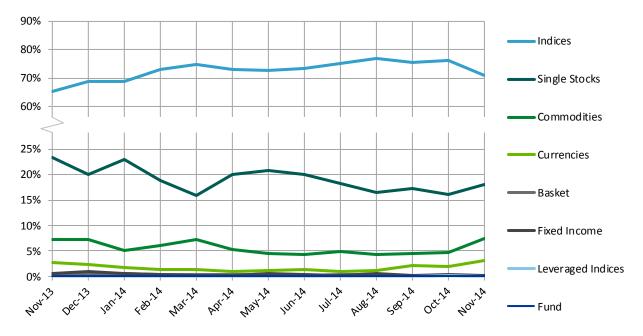
The historical graph below displays the weight of the traded volume of each product type over the total traded volume on Euronext Amsterdam.



## MARKET TREND: UNDERLYING TYPES

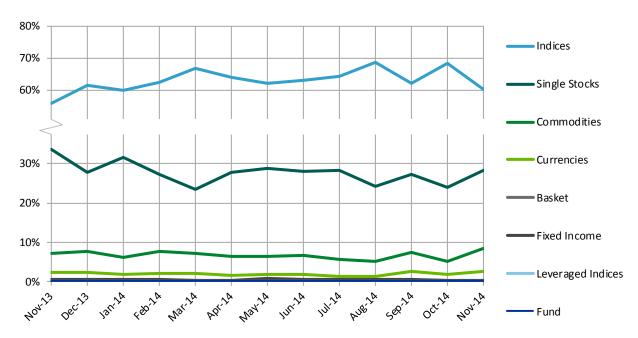
#### Value traded

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

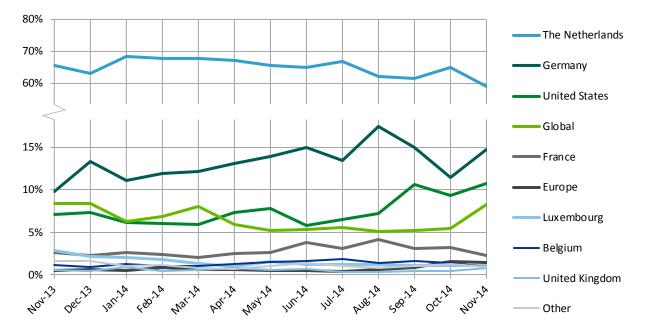
The historical graph below displays the weight of the traded volume of each underlying type over the total traded volume on Euronext Amsterdam.



## MARKET TREND: UNDERLYING COUNTRIES

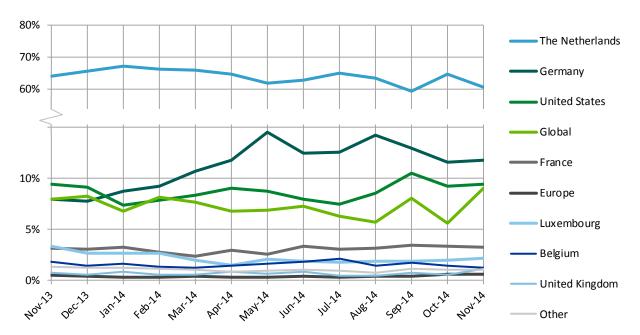
#### Value traded

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.

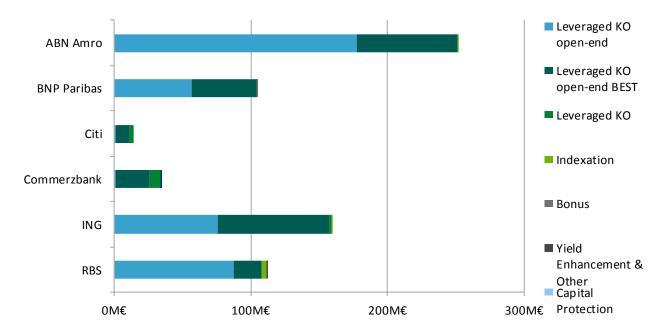


28 Market Activity Report - Warrants & Certificates - Euronext Amsterdam - November 2014

## **ISSUER ACTIVITY**

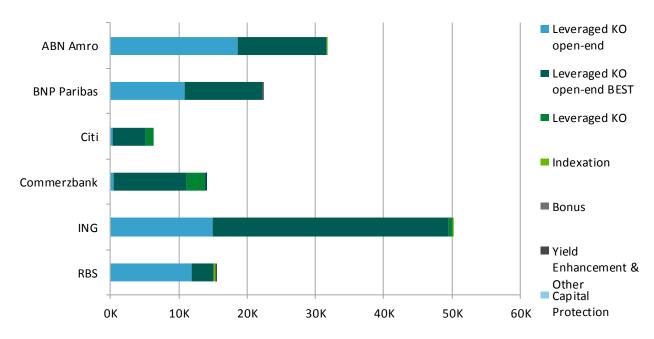
#### Value traded

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.

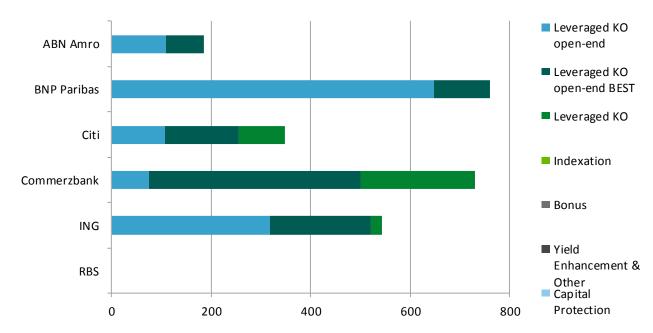


Market Activity Report - Warrants & Certificates - Euronext Amsterdam - November 2014 29

## **ISSUER ACTIVITY: NEW LISTINGS**

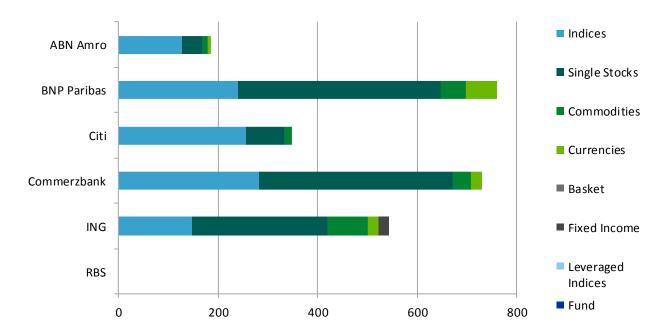
#### **Product types**

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**

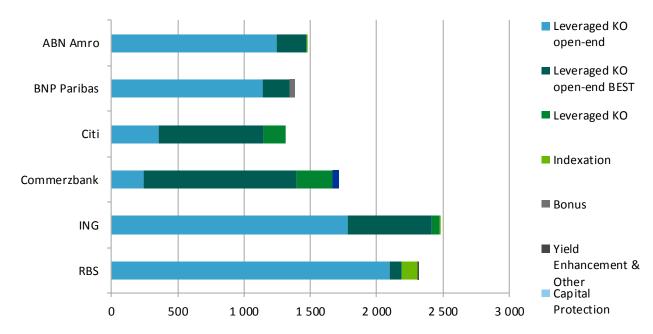
The chart below displays the number of new product listings during the month per underlying type for each issuer active in an Euronext market.



## ISSUER ACTIVITY: PRODUCT RANGE

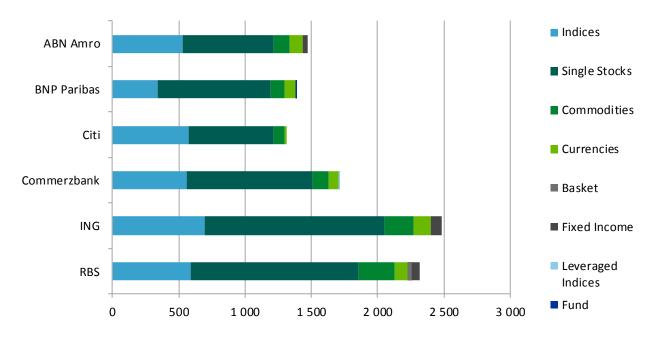
#### **Product types**

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 - November 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	Issuer	Name	Number of trades	Value traded
HF21A	NL0010716569	Leveraged KO open-end	ABN Amro	AEX 420.9TS OPENA	803	(in K€) 12,160
HJ83A	NL0010720181	Leveraged KO open-end BEST	ABN Amro	AEX 406.2TRLOPENA	720	8,911
HJ38A	NL0010719738	Leveraged KO open-end BEST	ABN Amro	AEX 400.2 TREOF ENA	937	8,460
E962A	NL0010335006	Leveraged KO open-end	ABN Amro	AEX 460TS OPENA	554	7,975
E961A	NL0010334991	Leveraged KO open-end	ABN Amro	AEX 480TS OPENA	122	7,658
HH86A	NL0010719191	Leveraged KO open-end	ABN Amro	AEX 395.3TL OPENA	498	7,554
HJ62A	NL0010719191 NL0010719977	Leveraged KO open-end	ABN Amro	AEX 395.3TL OPENA AEX 398.3TL OPENA	384	7,332
	NL0010719977	<b>e</b> ,				-
HJ63A		Leveraged KO open-end	ABN Amro	AEX 397.3TL OPENA	325	6,288
HF20A	NL0010716551	Leveraged KO open-end	ABN Amro	AEX 422.9TS OPENA	429	5,997
HJ60A	NL0010719951	Leveraged KO open-end	ABN Amro	AEX 400.3TL OPENA	239	5,428
HF24A	NL0010716593	Leveraged KO open-end	ABN Amro	AEX 414.9TS OPENA	180	4,946
H999A	NL0010710760	Leveraged KO open-end	ABN Amro	AEX 434.9TS OPENA	616	4,917
HH90A	NL0010719233	Leveraged KO open-end	ABN Amro	AEX 391.3TL OPENA	200	4,053
AY17G	NL0010942777	Leveraged KO open-end BEST	ING	AEX 402.4SPLOPENG	1,709	3,692
9520N	NL0010442943	Leveraged KO open-end BEST	RBS	AEX 361.2BL OPENN	275	3,614
HH87A	NL0010719209	Leveraged KO open-end	ABN Amro	AEX 394.3TL OPENA	236	3,584
0434N	NL0010175048	Leveraged KO open-end	RBS	AEX 310TL OPENN	100	3,523
AQ36B	NL0010898383	Leveraged KO open-end BEST	BNP Paribas	AEX 405BL OPENB	794	3,464
HH91A	NL0010719241	Leveraged KO open-end	ABN Amro	AEX 390.3TL OPENA	239	3,456
HH64A	NL0010718987	Leveraged KO open-end BEST	ABN Amro	AEX 393.4TRLOPENA	484	3,417
HJ61A	NL0010719969	Leveraged KO open-end	ABN Amro	AEX 399.3TL OPENA	207	3,274
HE11A	NL0010715462	Leveraged KO open-end BEST	ABN Amro	AEX 433.2TRSOPENA	773	3,265
B484N	NL0010519468	Leveraged KO open-end	RBS	ING 8.8TL OPENN	183	3,169
8615G	NL0009231547	Leveraged KO open-end	ING	DJIND 9230SPLOPENG	156	3,168
HJ56A	NL0010719910	Leveraged KO open-end	ABN Amro	AEX 404.3TL OPENA	290	3,157
D335N	NL0010660403	Leveraged KO open-end BEST	RBS	AEX 438BS OPENN	656	3,131
7152G	NL0009105170	Leveraged KO open-end	ING	NASDQ 1230SPLOPENG	51	2,927
HJ64A	NL0010719993	Leveraged KO open-end	ABN Amro	AEX 396.3TL OPENA	168	2,908
AZ55G	NL0010939559	Leveraged KO open-end	ING	NASDQ 3810SPLOPENG	127	2,773
HH88A	NL0010719217	Leveraged KO open-end	ABN Amro	AEX 393.3TL OPENA	191	2,733
HH89A	NL0010719225	Leveraged KO open-end	ABN Amro	AEX 392.3TL OPENA	188	2,708
AN60B	NL0010895629	Leveraged KO open-end	BNP Paribas	AEX 396TL OPENB	237	2,675
HF14A	NL0010716494	Leveraged KO open-end BEST	ABN Amro	AEX 418.4TRSOPENA	256	2,506
HE10A	NL0010715454	Leveraged KO open-end BEST	ABN Amro	AEX 437.2TRSOPENA	306	2,451
N290N	NL0009065143	Leveraged KO open-end	RBS	DAX 3410 TL OPENN	4	2,415
AS52B	NL0010900544	Leveraged KO open-end BEST	BNP Paribas	AEX 407BL OPENB	254	2,266
HE49A	NL0010715843	Leveraged KO open-end	ABN Amro	EUUSD1.308TS OPENA	108	2,262
AT99B	NL0010902011	Leveraged KO open-end BEST	BNP Paribas	AEX 411BL OPENB	89	2,247
HL00A	NL0010992053	Leveraged KO open-end	ABN Amro	DAX 9640TL OPENA	80	2,244
HF13A	NL0010716486	Leveraged KO open-end BEST	ABN Amro	AEX 420.4TRSOPENA	529	2,214
HJ86A	NL0010720215	Leveraged KO open-end BEST	ABN Amro	AEX 403.2TRLOPENA	141	2,183
AO88B	NL0010896908	Leveraged KO open-end	BNP Paribas	AEX 403.2 THEOFENA	359	2,105
B523N	NL0010519856	Leveraged KO open-end BEST	RBS	AEX 450BS OPENN	1,190	2,012
N685N	NL0009069988	Leveraged KO open-end	RBS	DAX 4460 TL OPENN	1,150	1,980
HK44A	NL0010720793	Leveraged KO open-end BEST	ABN Amro	AEX 410.4TRLOPENA	201	1,935
7851G	NL0009112192	Leveraged KO open-end	ING	DJIND 8940SPLOPENG	74	1,953
U939G	NL0010748091	Leveraged KO open-end	ING	NASDQ 3690SPLOPENG	71 827	1,79
AG32G	NL0010944724	Leveraged KO open-end BEST	ING ABN Amro	AEX 406SPLOPENG AEX 389.3TL OPENA	837	1,79
HH92A	NL0010719258	Leveraged KO open-end			107	1,78
D518N	NL0010764122 ironext)	Leveraged KO open-end	RBS	ASMLH 65.9TL OPENN	77	1,74



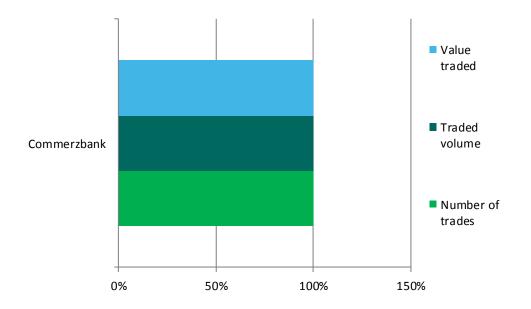
# **Euronext Brussels**

#### 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	267.4	-39%	17%	100.0%	333.7	-37%	0.7%	100.0%	132	-33%	37%	100.0%
Total	267.4	-39%	17%		333.7	-37%	0.7%		132	-33%	37%	

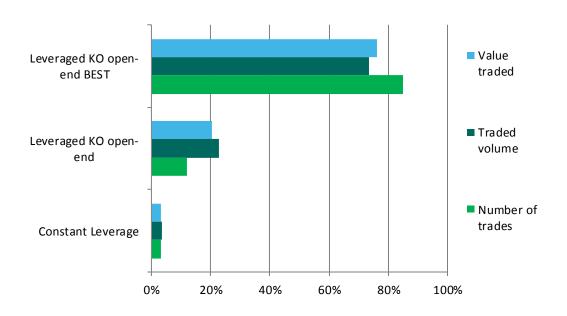


#### **Product types**

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	203.6	-43%	60%	76.2%	245.6	-40%	29%	73.6%	112	-30%	79%	85.0%
Leveraged KO open-end	55.0	-22%	-41%	20.6%	76.3	-31%	-43%	22.9%	16	-50%	-49%	11.9%
Constant Leverage	8.7	41%	5.5%	3.2%	11.8	48%	70%	3.5%	4	21%	19%	3.2%
Total	267.4	-39%	17%		333.7	-37%	0.7%		132	-33%	37%	

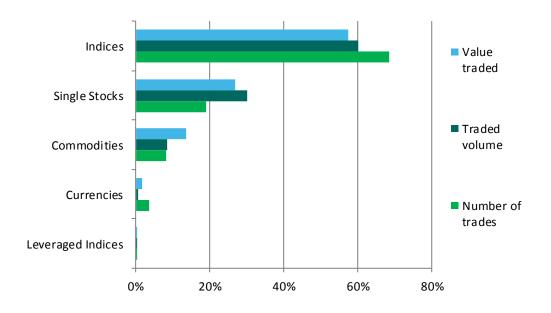


#### **Underlying types**

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	153.9	-48%	34%	57.6%	201.1	-43%	10%	60.3%	91	-36%	57%	68.6%
Single Stocks	71.8	-38%	-25%	26.8%	100.9	-33%	-23%	30.2%	25	-38%	-15%	19.0%
Commodities	36.5	205%	186%	13.6%	28.8	589%	133%	8.6%	11	38%	94%	8.3%
Currencies	4.5	-58%	-17%	1.7%	2.0	-88%	-54%	0.6%	5	-28%	29%	3.7%
Leveraged Indices	0.7	516%	373%	0.3%	0.9	ND	682%	0.3%	1	283%	409%	0.4%
Total	267.4	-39%	17%		333.7	-37%	0.7%		132	-33%	37%	

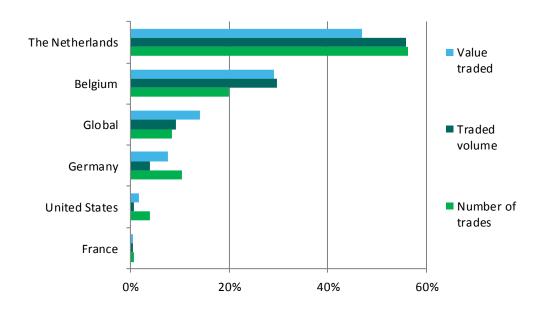


## Top 10 underlying countries

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	125.4	-55%	33%	46.9%	186.6	-47%	9.1%	55.9%	74	-43%	52%	56.2%
Belgium	77.7	-38%	-22%	29.1%	99.0	-32%	-25%	29.7%	26	-40%	-15%	20.0%
Global	37.5	196%	189%	14.0%	30.5	523%	141%	9.1%	11	38%	94%	8.4%
Germany	20.3	590%	133%	7.6%	13.1	ND	509%	3.9%	14	481%	276%	10.5%
United States	4.6	-58%	-25%	1.7%	2.1	-88%	-59%	0.6%	5	-28%	19%	3.9%
France	1.2	-71%	-81%	0.4%	1.5	-80%	-83%	0.4%	1	-68%	-64%	0.7%
Other	0.7	9.3%	81%	0.3%	0.9	6.1%	171%	0.3%	0	-43%	17%	0.3%
Total	267.4	-39%	17%		333.7	-37%	1%		132	-33%	37%	

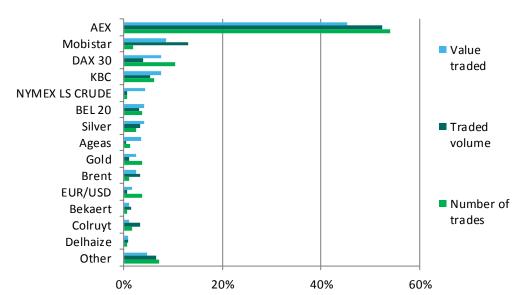


## Top 15 underlyings

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.

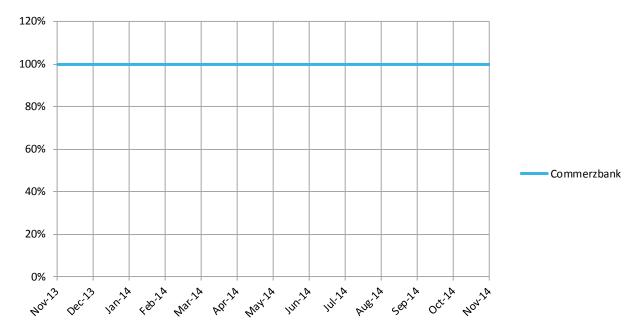
		Value t	raded			Traded	volume		Ν	lumber o	oftrades	
Underlying	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market
	average	on		share	average	on		share	average	on		share
	(in K€)	month			(in K)	month				month		
AEX	121.3	-55%	33%	45.4%	175.1	-48%	6.4%	52.5%	72	-43%	51%	54.0%
Mobistar	23.0	44%	189%	8.6%	43.8	6.2%	104%	13.1%	3	-6.6%	89%	2.0%
DAX 30	20.3	590%	133%	7.6%	13.1	ND	509%	3.9%	14	481%	276%	10.5%
КВС	20.1	-65%	-31%	7.5%	17.6	-45%	-39%	5.3%	8	-42%	-2.4%	6.2%
NYMEX LS CRUDE	11.7	599%	849%	4.4%	2.5	548%	872%	0.8%	1	-38%	249%	0.8%
BEL 20	10.9	-45%	-17%	4.1%	10.7	-35%	-18%	3.2%	5	-54%	-10%	3.8%
Silver	10.9	302%	140%	4.1%	11.4	400%	84%	3.4%	3	140%	68%	2.6%
Ageas	9.6	148%	3.9%	3.6%	1.9	30%	-10%	0.6%	2	8.6%	-2.0%	1.3%
Gold	7.0	-3.7%	57%	2.6%	3.9	192%	318%	1.2%	5	12%	94%	3.8%
Brent	6.9	ND	174%	2.6%	10.9	ND	122%	3.3%	2	245%	109%	1.1%
EUR/USD	4.5	-58%	-17%	1.7%	2.0	-88%	-54%	0.6%	5	-28%	29%	3.7%
Bekaert	2.9	60%	-11%	1.1%	4.8	-32%	-35%	1.4%	1	-30%	-53%	0.6%
Colruyt	2.9	-6.2%	-10.0%	1.1%	11.4	-32%	-3.4%	3.4%	2	7.8%	40%	1.7%
Delhaize	2.6	-56%	-76%	1.0%	2.8	-42%	-74%	0.8%	1	-63%	-67%	0.7%
Other	12.7	-58%	-62%	4.8%	21.7	-57%	-58%	6.5%	9	-49%	-29%	7.1%
Total	267.4	-39%	17%		333.7	-37%	0.7%		132	-33%	37%	



# MARKET TREND: ISSUERS

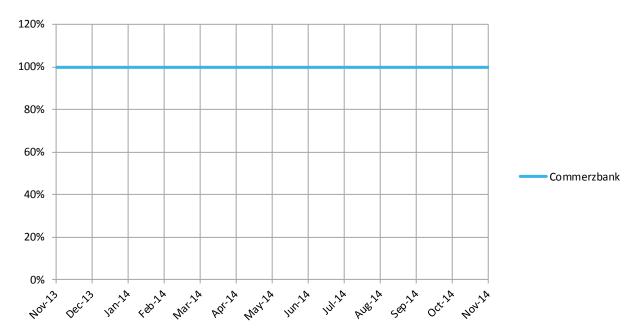
## Value traded

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

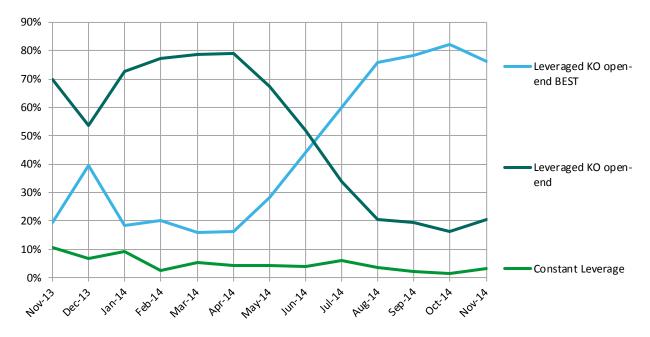
The historical graph below displays the weight of the traded volume of each issuer over the total traded volume on Euronext Brussels.



# MARKET TREND: PRODUCT TYPES

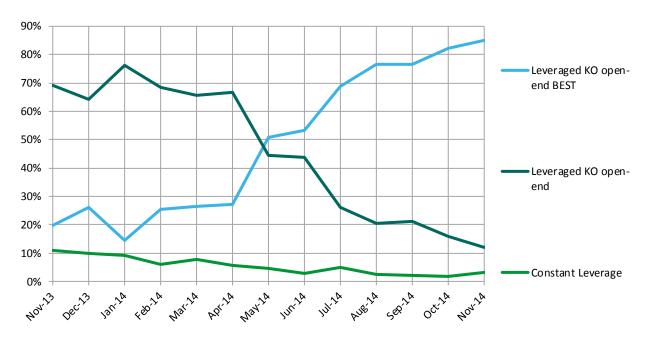
#### Value traded

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

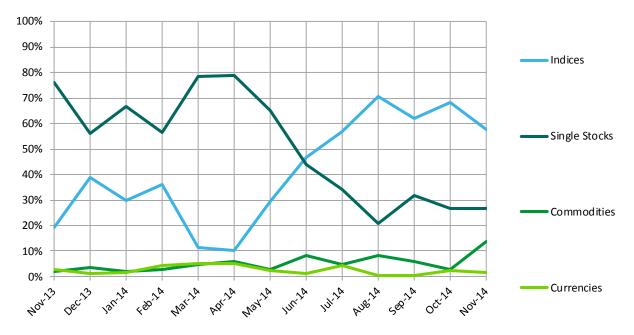
The historical graph below displays the weight of the traded volume of each product type over the total traded volume on Euronext Brussels.



# MARKET TREND: UNDERLYING TYPES

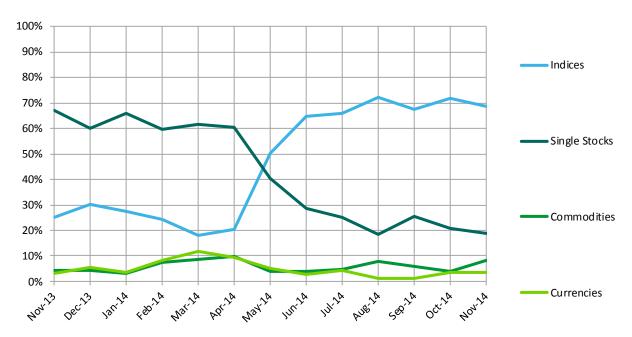
#### Value traded

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.

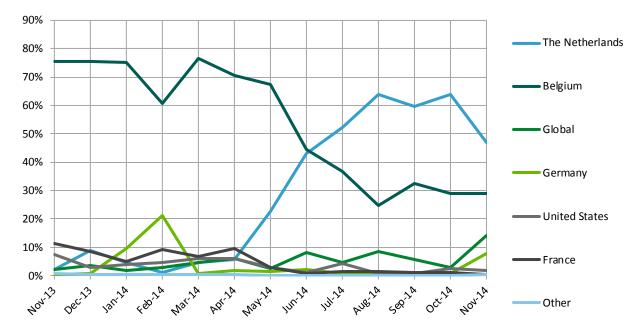


Market Activity Report - Warrants & Certificates - Euronext Brussels - November 2014 41

# MARKET TREND: UNDERLYING COUNTRIES

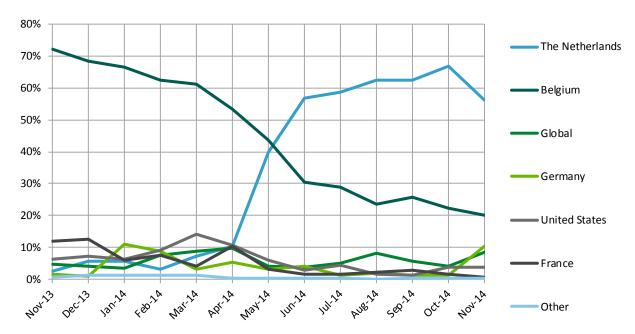
## Value traded

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

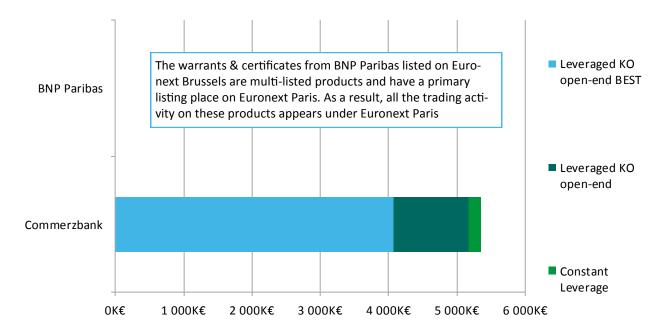
The historical graph below displays the weight of the traded volume of each underlying country of origin over the total traded volume on Euronext Brussels.



# **ISSUER ACTIVITY**

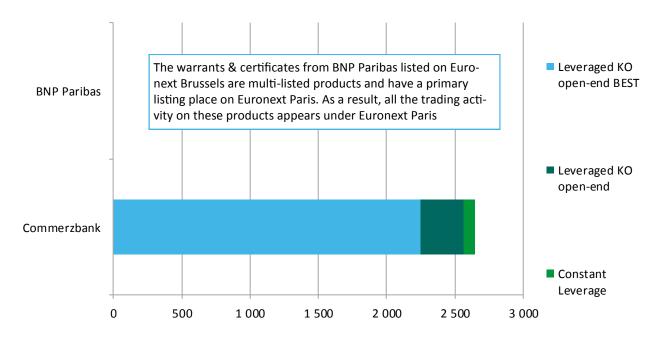
## Value traded

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



## Number of transactions

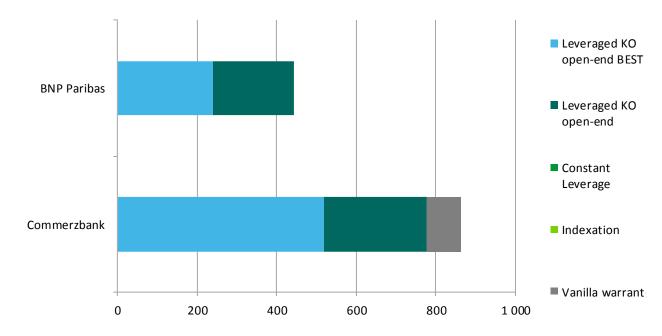
The chart below displays the number of trades per product type for each issuer active on Euronext Brussels.



# **ISSUER ACTIVITY: NEW LISTINGS**

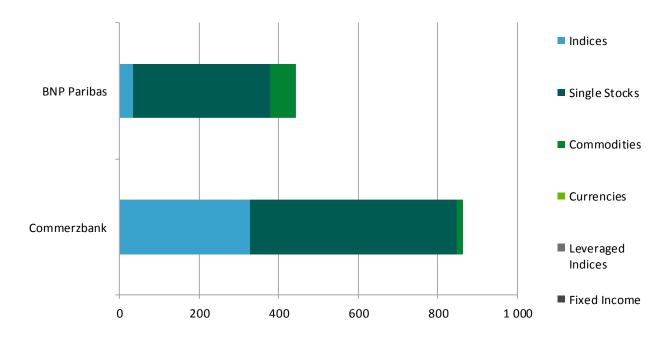
## **Product types**

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.

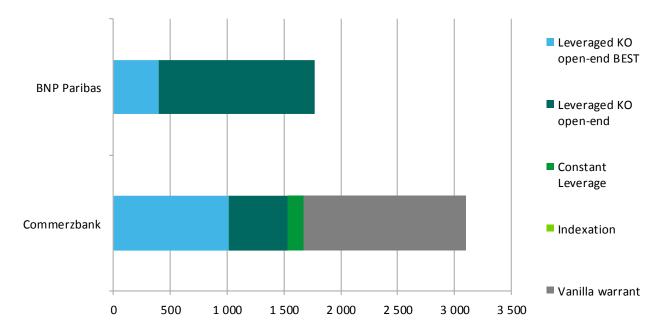


44 Market Activity Report - Warrants & Certificates - Euronext Brussels - November 2014

# ISSUER ACTIVITY: PRODUCT RANGE

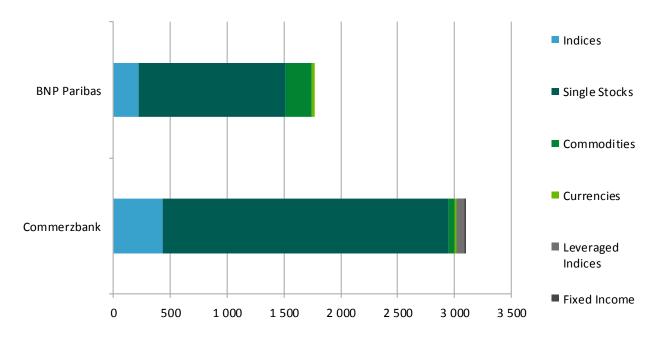
## **Product types**

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.



Market Activity Report - Warrants & Certificates - Euronext Brussels - November 2014 45

# 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	Issuer	Name	Number of trades	Value traded
25R4Z	DE000CM8NPA5	Leveraged KO open-end	Commerzbank	MBSTR11.72TCIOPENZ	26	<mark>(in K€)</mark> 390
17I8Z			Commerzbank		199	344
	DE000CR0JSQ5	Leveraged KO open-end BEST		AEX 400.9TL OPENZ		
7319Z	DE000CR0JT78	Leveraged KO open-end BEST	Commerzbank	AEX 405TL OPENZ	22	238
6618Z	DE000CR0JSU7	Leveraged KO open-end BEST	Commerzbank	AEX 402.9TL OPENZ	91	236
72U2Z	DE000CM8MMW8	Leveraged KO open-end BEST	Commerzbank	OILCR 75TL OPENZ	18	233
72J7Z	DE000CR0JTG4	Leveraged KO open-end BEST	Commerzbank	AEX 409TL OPENZ	196	229
79E7Z	DE000CR0JMP0	Leveraged KO open-end BEST	Commerzbank	AEX 420.4TS OPENZ	137	219
96J7Z	DE000CR0JTT7	Leveraged KO open-end BEST	Commerzbank	SILVE15.05TL OPENZ	40	192
72K9Z	DE000CR0JWU9	Leveraged KO open-end BEST	Commerzbank	AEX 420.7TL OPENZ	78	186
81E5Z	DE000CM8NBC1	Leveraged KO open-end	Commerzbank	KBC 47TPIOPENZ	21	136
7419Z	DE000CR0JT86	Leveraged KO open-end BEST	Commerzbank	AEX 407TL OPENZ	43	133
3517Z	DE000CR0JSL6	Leveraged KO open-end BEST	Commerzbank	BEL20 3054TL OPENZ	39	116
73U1Z	DE000CM8MKY8	Leveraged KO open-end	Commerzbank	AGEAS 25TL OPENZ	10	115
75K9Z	DE000CR0JWX3	Leveraged KO open-end BEST	Commerzbank	DAX 9608TL OPENZ	19	109
87H8Z	DE000CR0JRF0	Leveraged KO open-end BEST	Commerzbank	AEX 390.7TL OPENZ	26	97
77J7Z	DE000CR0JTM2	Leveraged KO open-end BEST	Commerzbank	DAX 9100TL OPENZ	15	84
41J9Z	DE000CR0JV66	Leveraged KO open-end BEST	Commerzbank	AEX 416.1TS OPENZ	138	78
88D8Z	DE000CR0JM18	Leveraged KO open-end BEST	Commerzbank	AEX 426.6TS OPENZ	37	69
45H9Z	DE000CR0JRS3	Leveraged KO open-end BEST	Commerzbank	KBC 38.27TL OPENZ	27	64
31D9Z	DE000CR0JM59	Leveraged KO open-end BEST	Commerzbank	AEX 424.6TS OPENZ	35	57
13I7Z	DE000CR0JSC5	Leveraged KO open-end	Commerzbank	MBSTR 18.6TPIOPENZ	12	57
93E7Z	DE000CR0JMW6	Leveraged KO open-end BEST	Commerzbank	EUUSD 1.29TS OPENZ	60	57
11D6Z	DE000CM8MZF5	Leveraged KO open-end	Commerzbank	KBC 34TCIOPENZ	37	56
41H9Z	DE000CR0JRN4	Leveraged KO open-end BEST	Commerzbank	AGEAS24.18TL OPENZ	13	55
38K9Z	DE000CR0JWM6	Leveraged KO open-end BEST	Commerzbank	AEX 416.7TL OPENZ	12	54
35W3Z	DE000CM8MSH6	Constant Leverage	Commerzbank	BRENT FACOPENZ	13	53
18Z1Z	DE000CM8MTR3	Leveraged KO open-end BEST	Commerzbank	GOLD 1100TL OPENZ	23	49
77L8Z	DE000CR0JXJ0	Leveraged KO open-end BEST	Commerzbank	AEX 422.8TL OPENZ	32	48
28I7Z	DE000CR0JSE1	Leveraged KO open-end BEST	Commerzbank	AEX 394.9TL OPENZ	11	46
11L7Z	DE000CR0JX07	Leveraged KO open-end BEST	Commerzbank	BRENT 70TL OPENZ	10	41
28A8Z	DE000CM8PDT6	Leveraged KO open-end BEST	Commerzbank	DELHA 44TL OPENZ	11	38
12L7Z	DE000CR0JX15	Leveraged KO open-end BEST	Commerzbank	BRENT 74TL OPENZ	1	37
99D5Z	DE000CM8MZE8	Leveraged KO open-end	Commerzbank	KBC 32TCIOPENZ	18	36
69W4Z	DE000CM8NVV9	Leveraged KO open-end BEST	Commerzbank	GOLD 1020TL OPENZ	4	35
7919Z	DE000CR0JTD1	Leveraged KO open-end BEST	Commerzbank	DAX 9200TL OPENZ	50	35
6718Z	DE000CR0JSV5	Leveraged KO open-end BEST	Commerzbank	AEX 404.9TL OPENZ	37	33
	DE000CR0JV90		Commerzbank	DAX 9396TS OPENZ	57	34
44J9Z		Leveraged KO open-end BEST			57 19	32
51K8Z	DE000CR0JVX5	Leveraged KO open-end BEST	Commerzbank	AEX 412.7TL OPENZ		
16A8Z	DE000CM8PDG3	Leveraged KO open-end BEST	Commerzbank	KBC 36TL OPENZ	15	31
M697Z	DE000CB55XG2	Constant Leverage	Commerzbank	BEKRT FACOPENZ	8	30
13E7Z	DE000CR0JMD6	Leveraged KO open-end BEST	Commerzbank	AEX 422.6TS OPENZ	36	29
17Z1Z	DE000CM8MTQ5	Leveraged KO open-end BEST	Commerzbank	GOLD 1060TL OPENZ	28	26
91A9Z	DE000CM8PFN4	Leveraged KO open-end BEST	Commerzbank	AEX 362.1TL OPENZ	4	25
83A5Z	DE000CM8MWJ4	Leveraged KO open-end	Commerzbank	KBC 28.5TCIOPENZ	10	24
6818Z	DE000CR0JSW3	Leveraged KO open-end BEST	Commerzbank	AEX 406.9TL OPENZ	8	22
82J7Z	DE000CR0JTR1	Leveraged KO open-end BEST	Commerzbank	DAX 9700TS OPENZ	16	22
19E8Z	DE000CR0JN66	Leveraged KO open-end BEST	Commerzbank	AEX 416.4TS OPENZ	13	22
12F9Z	DE000CR0JP56	Leveraged KO open-end BEST	Commerzbank	KBC 34.23TL OPENZ	7	21
26W3Z	DE000CM8MRZ0	Constant Leverage	Commerzbank	VIX FACOPENZ	3	21
69S6Z	DE000CM8NPK4	Leveraged KO open-end	Commerzbank	BEL20 2680TL OPENZ	8	21



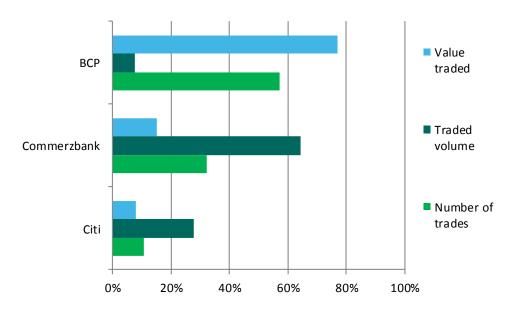
# **Euronext Lisbon**

#### 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	2,791.0	58%	9.8%	77.0%	104.2	26%	-3.4%	7.7%	396	56%	-4.4%	57.3%	
Commerzbank	543.4	-24%	-6.9%	15.0%	876.4	-31%	-11%	64.5%	223	-10%	1.5%	32.3%	
Citi	290.4	-19%	13%	8.0%	378.9	-40%	-17%	27.9%	72	-27%	-28%	10.5%	
Total	3,624.8	28%	7.2%		1,359.5	-31%	-13%		691	15%	-5.8%		

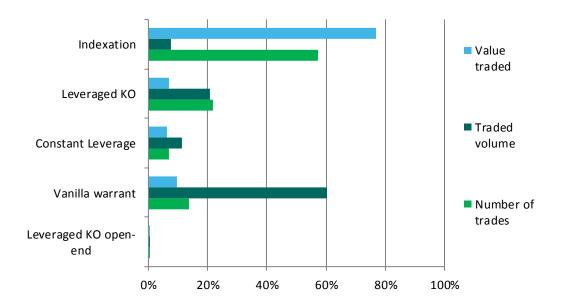


## **Product types**

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 t	raded			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			
Indexation	2,792.6	58%	9.9%	77.0%	104.5	26%	-3.3%	7.7%	396	56%	-4.3%	57.3%	
Leveraged KO	248.7	-54%	-35%	6.9%	283.3	-46%	-44%	20.8%	151	-13%	-19%	21.8%	
Constant Leverage	228.7	-20%	12%	6.3%	151.4	-37%	-41%	11.1%	48	-26%	17%	7.0%	
Vanilla warrant	352.9	46%	50%	9.7%	819.6	-27%	22%	60.3%	95	-10%	6.1%	13.8%	
Leveraged KO open-end	1.9	-58%	-88%	0.1%	0.7	-70%	-93%	0.1%	0	-87%	-80%	0.1%	
Total	3,624.8	28%	7.2%		1,359.5	-31%	-13%		691	15%	-5.8%		

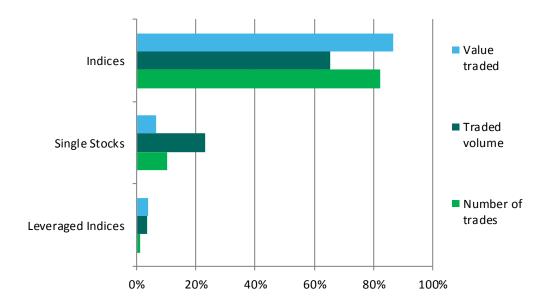


## **Underlying types**

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 t	raded			Traded	volume		Ν	lumber o	ftrades	
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	3,134.6	39%	17%	86.5%	886.7	-16%	4.0%	65.2%	568	26%	-0.4%	82.1%
Single Stocks	241.1	-8.7%	-46%	6.7%	316.6	-53%	-26%	23.3%	70	-16%	-39%	10.2%
Leveraged Indices	142.4	0.5%	35%	3.9%	46.5	-27%	-3.3%	3.4%	9	-16%	8.0%	1.2%
Leveraged Stocks	79.7	-43%	-12%	2.2%	98.5	-43%	-51%	7.2%	38	-29%	19%	5.5%
Commodities	20.0	-34%	-56%	0.6%	4.7	-54%	-68%	0.3%	5	38%	-23%	0.7%
Leveraged Commodities	4.4	117%	-28%	0.1%	6.2	51%	-27%	0.5%	1	3.5%	5.7%	0.2%
Currencies	0.4	597%	-60%	0.0%	0.1	ND	-91%	0.0%	1	ND	-1.8%	0.1%
Total	3,622.7	28%	7.2%		1,359.3	-31%	-13%		691	15%	-5.8%	

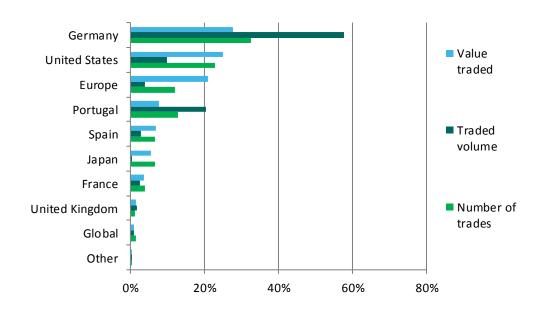


## Top 10 underlying countries

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	volume		N	lumber c		
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		
Germany	999.6	34%	16%	27.6%	784.6	-13%	9.8%	57.7%	226	4.1%	-7.5%	32.7%
United States	909.1	12%	30%	25.1%	132.6	-69%	-51%	9.8%	157	17%	8.5%	22.8%
Europe	757.1	60%	9.3%	20.9%	53.0	30%	1.0%	3.9%	82	50%	-8.7%	11.9%
Portugal	282.3	-7.6%	-39%	7.8%	276.3	-19%	-18%	20.3%	89	-10%	-23%	12.9%
Spain	246.8	31%	1.6%	6.8%	36.6	-32%	-47%	2.7%	45	28%	-15%	6.6%
Japan	204.6	67%	25%	5.6%	4.6	-57%	-60%	0.3%	46	84%	45%	6.7%
France	135.9	7.1%	0.4%	3.7%	34.8	-80%	-49%	2.6%	27	9.5%	-17%	3.9%
United Kingdom	48.5	191%	47%	1.3%	23.0	432%	721%	1.7%	8	123%	31%	1.1%
Global	37.9	-13%	-54%	1.0%	12.3	-21%	-54%	0.9%	9	32%	-33%	1.4%
Other	3.0	263%	-46%	0.1%	1.7	93%	70%	0.1%	1	156%	2.2%	0.1%
Total	3,624.8	28%	7.2%		1,359.5	-31%	-13%		691	15%	-5.8%	

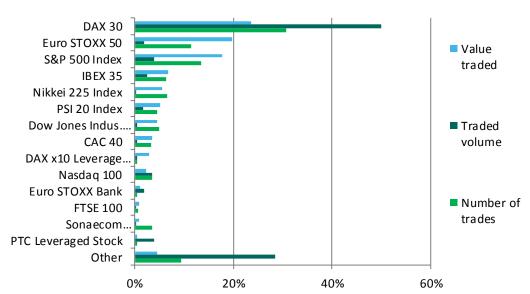


## Top 15 underlyings

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.

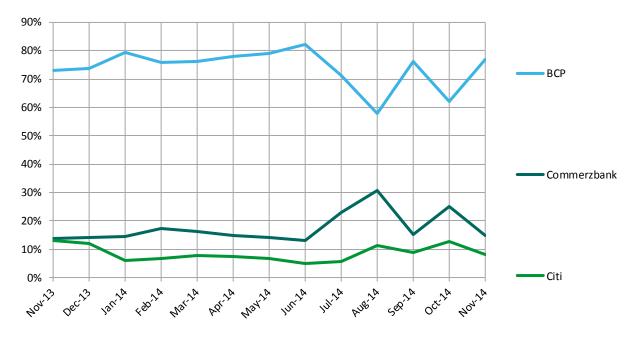
	Value traded Daily Month vs. YTD Market					Traded v	volume		Ν	lumber o	oftrades	
Underlying	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market
	average	on		share	average	on		share	average	on		share
	(in K€)	month			(in K)	month				month		
DAX 30	853.2	45%	14%	23.5%	679.1	4.1%	17%	50.0%	213	9.9%	-5.9%	30.7%
Euro STOXX 50	714.5	65%	11%	19.7%	24.9	74%	16%	1.8%	79	52%	-7.0%	11.4%
S&P 500 Index	646.1	60%	46%	17.8%	52.5	-18%	35%	3.9%	92	55%	25%	13.4%
IBEX 35	245.2	31%	2.7%	6.8%	34.4	-33%	-45%	2.5%	44	29%	-14%	6.3%
Nikkei 225 Index	204.6	67%	25%	5.6%	4.6	-57%	-60%	0.3%	46	84%	45%	6.7%
PSI 20 Index	186.7	8.5%	-48%	5.2%	24.2	84%	3.0%	1.8%	32	4.4%	-55%	4.6%
Dow Jones Indus. Avg.	167.2	45%	36%	4.6%	6.4	-87%	-62%	0.5%	35	49%	25%	5.0%
CAC 40	131.5	18%	3.0%	3.6%	6.0	-73%	-56%	0.4%	23	39%	-17%	3.4%
DAX x10 Leverage Index	104.7	51%	95%	2.9%	5.6	-8.5%	176%	0.4%	4	-8.0%	33%	0.5%
Nasdaq 100	81.7	-64%	-4.3%	2.3%	48.8	-71%	-33%	3.6%	24	-36%	-13%	3.4%
Euro STOXX Bank	38.1	4.8%	-16%	1.0%	27.2	4.9%	-10%	2.0%	3	5.4%	-40%	0.4%
FTSE 100	34.5	131%	9.2%	1.0%	0.5	121%	9.7%	0.0%	5	88%	-11%	0.7%
Sonaecom Leveraged Stock	30.3	-10%	167%	0.8%	3.8	7.2%	216%	0.3%	24	-3.3%	191%	3.4%
PTC Leveraged Stock	18.9	-67%	17%	0.5%	53.4	-45%	71%	3.9%	4	-63%	2.2%	0.5%
Other	167.9	-36%	-44%	4.6%	388.1	-52%	-40%	28.5%	65	-25%	-26%	9.4%
Total	3,624.8	28%	7.2%		1,359.5	-31%	-13%		691	15%	-5.8%	



# MARKET TREND: ISSUERS

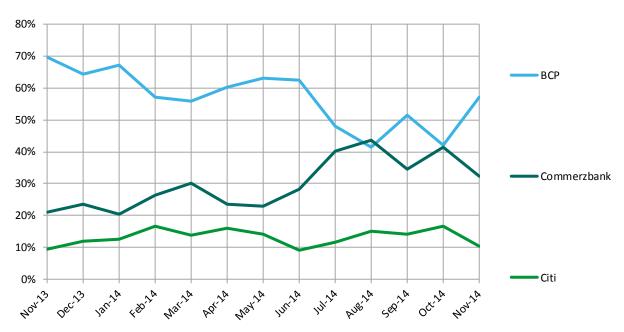
#### Value traded

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

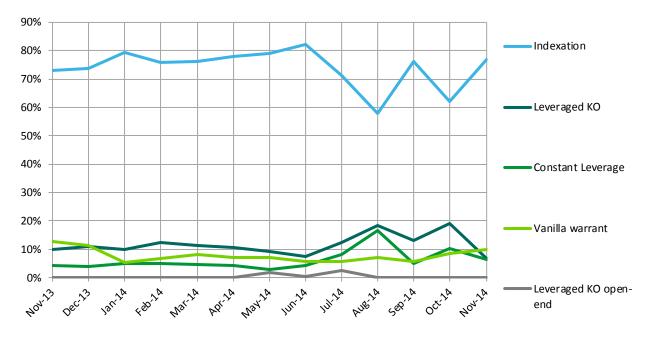
The historical graph below displays the weight of the traded volume of each issuer over the total traded volume on Euronext Lisbon.



# MARKET TREND: PRODUCT TYPES

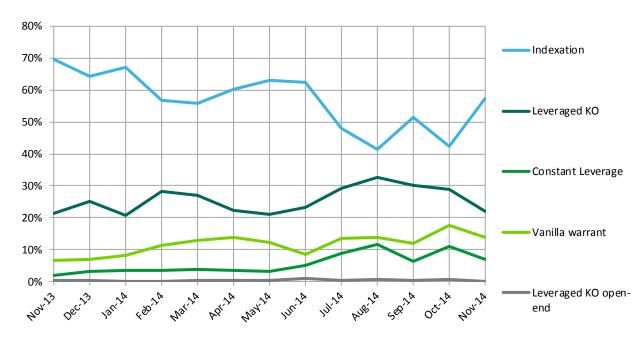
#### Value traded

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

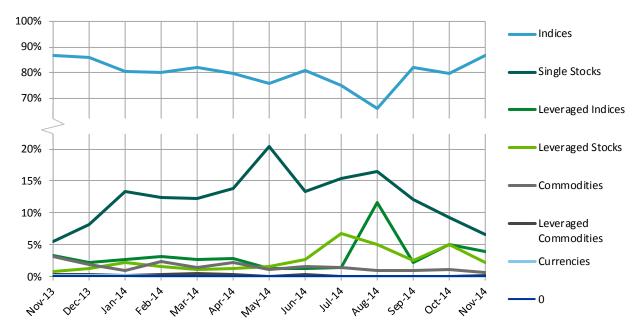
The historical graph below displays the weight of the traded volume of each product type over the total traded volume on Euronext Lisbon.



# MARKET TREND: UNDERLYING TYPES

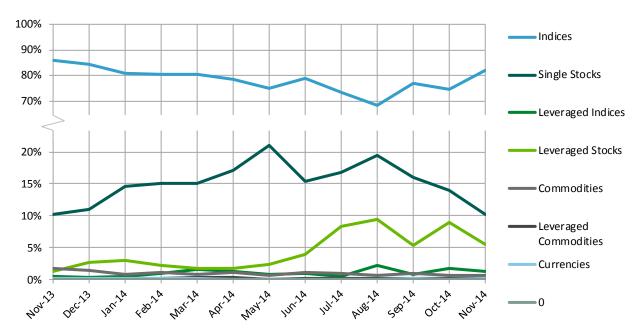
#### Value traded

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

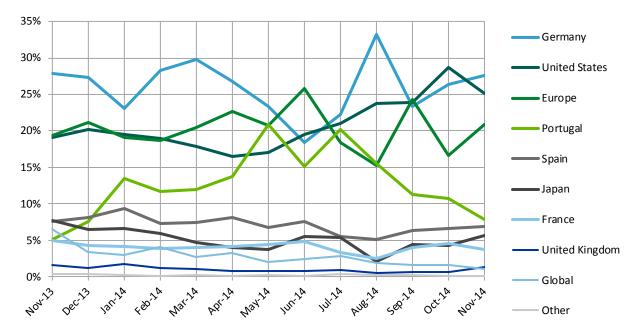
The historical graph below displays the weight of the traded volume of each underlying type over the total traded volume on Euronext Lisbon.



# MARKET TREND: UNDERLYING COUNTRIES

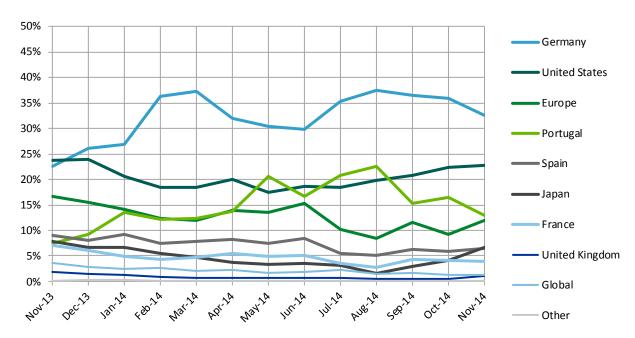
## Value traded

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.

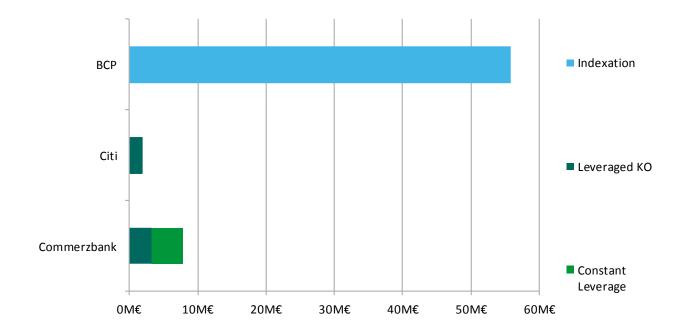


56 Market Activity Report - Warrants & Certificates - Euronext Lisbon - November 2014

# **ISSUER ACTIVITY**

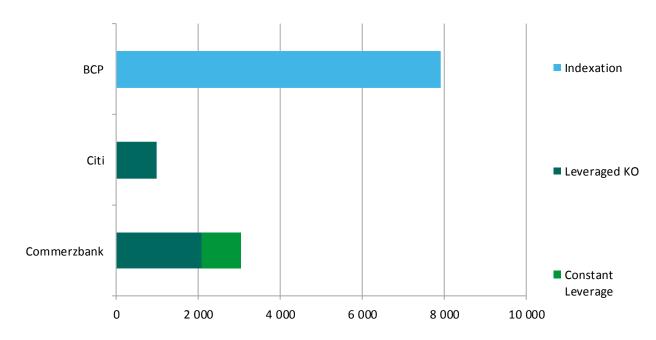
## Value traded

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



# Number of transactions

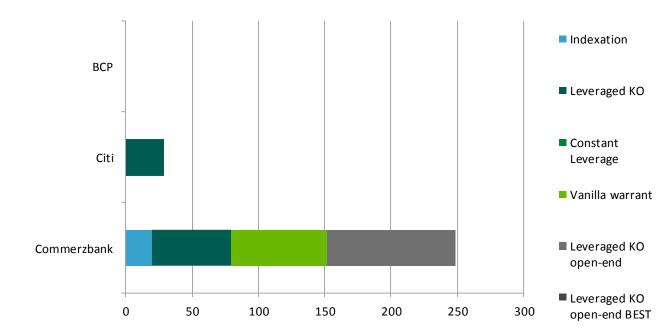
The chart below displays the number of trades per product type for each issuer active on Euronext Lisbon.



# **ISSUER ACTIVITY: NEW LISTINGS**

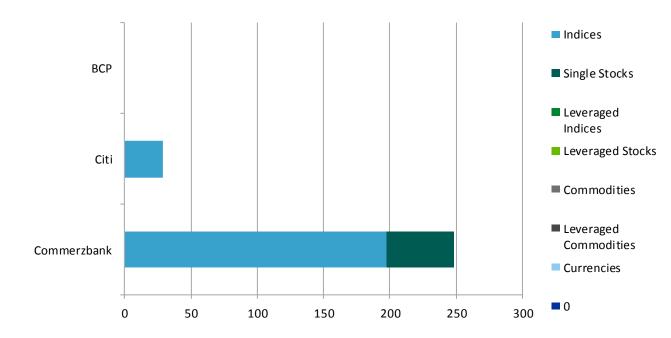
## **Product types**

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.

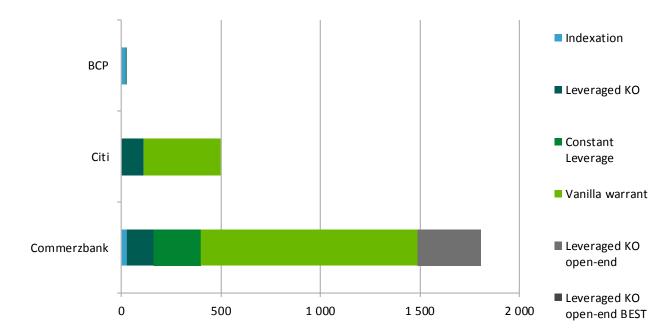


58 Market Activity Report - Warrants & Certificates - Euronext Lisbon - November 2014

# ISSUER ACTIVITY: PRODUCT RANGE

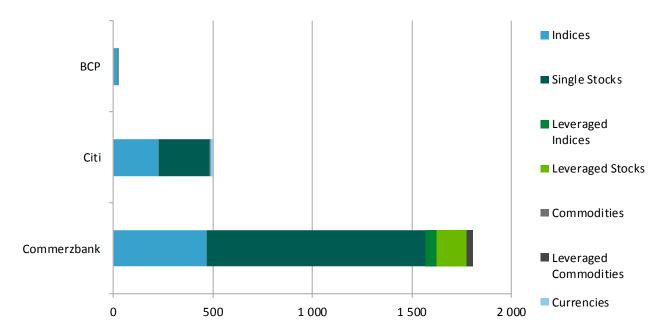
## **Product types**

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 - November 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	ISIN Code	Product type	lssuer	Name	Number of	Value traded
symbol	ISIN COUE	Floduct type	issuel	Name	trades	(in K€)
1025P	PTBIVRYE0068	Pure indexation	BCP	ESTX PI OPENP	1,562	14,279
1029P	PTBITAYE0046	Pure indexation	ВСР	SP500 PI OPENP	1,765	12,715
1027P	PTBITEYE0034	Pure indexation	BCP	DAX PI OPENP	883	7,119
1027F	PTBIXRYE0025	Pure indexation	BCP	IBEX PI OPENP	643	4,711
10231 1032P	PTBCS1YE0010	Pure indexation	BCP	NIKEI PI OPENP	909	4,062
1032F 1028P	PTBIY1YE0064	Pure indexation	BCP	PSI 2 PI OPENP	575	4,002 3,575
1028P	PTBIYZYE0040	Pure indexation	BCP	DJIND PLOPENP	641	3,373
1020F 1040P	PTBIWKYE0023	Pure indexation	BCP	CAC40 PI OPENP	435	2,594
DAX0Z	DE000CZ4V6D9	Constant Leverage	Commerzbank	DAX FACOPENZ	433	2,594
E602C	DE000CC10099	Vanilla warrant	Citi	DAX PACOPENZ DAX 10000C 0615C	23	2,095 1,330
1050P		Pure indexation	BCP		176	1,330
D420C	PTBIWBYE0057			NASDQ PI OPENP	24	1,230
10420C	DE000CF792F3	Vanilla warrant	Citi	DAX 9600P 0315C	24 55	
	PTBCLOYE0028	Pure indexation	BCP	ESTBK PLOPENP		761
1024P	PTBIXQYE0026	Pure indexation	BCP	FTSE PI OPENP	98	689
5221Z	DE000CB1WNG6	Vanilla warrant	Commerzbank	DAX 9500C 1214Z	69	584
SNC2Z	DE000CZ28FY8	Constant Leverage	Commerzbank	SNC2Z ACCOPENZ	371	554
E857C	DE000CC107S0	Leveraged KO	Citi	DAX 8800TL 1214C	125	384
5233Z	DE000CB1WNU7	Vanilla warrant	Commerzbank	DAX 9000C 1214Z	60	353
DAXVZ	DE000CZ4V6E7	Constant Leverage	Commerzbank	DAX FACOPENZ	8	343
W982Z	DE000CR17A73	Leveraged KO	Commerzbank	DAX 9500TS 0315Z	119	314
E860C	DE000CC107V4	Leveraged KO	Citi	DAX 9500TS 1214C	166	308
PTCTZ	DE000CZ28HV0	Constant Leverage	Commerzbank	PTCTZ ACCOPENZ	32	306
D369C	DE000CF790Y8	Vanilla warrant	Citi	DAX 9800C 1214C	25	305
V491Z	DE000CR17WQ9	Vanilla warrant	Commerzbank	BABAK 120C 0615Z	37	266
E603C	DE000CC100A3	Vanilla warrant	Citi	DAX 10100C 0615C	5	260
1039P	PTBIZJYE0064	Pure indexation	BCP	BRENT PI OPENP	46	244
5213Z	DE000CR17Z74	Leveraged KO	Commerzbank	DAX 9150TL 1214Z	247	243
D368C	DE000CF790X0	Vanilla warrant	Citi	DAX 9700C 1214C	25	231
1033P	PTBCTFYE0013	Pure indexation	BCP	MSCIE PI OPENP	52	215
E551C	DE000CF79YS6	Leveraged KO	Citi	DAX 10000TS 1214C	104	212
PTI2Z	DE000CZ28FS0	Constant Leverage	Commerzbank	PTI2Z ACCOPENZ	13	204
E828C	DE000CC106X2	Leveraged KO	Citi	DAX 8550TL 1214C	20	195
V459Z	DE000CB1XPL9	Vanilla warrant	Commerzbank	DAX 8800P 1214Z	68	184
DAXQZ	DE000CZ28JM5	Constant Leverage	Commerzbank	DAXQZ ACCOPENZ	7	183
V582Z	DE000CB1XRL5	Vanilla warrant	Commerzbank	DAX 8800P 0315Z	42	151
5209Z	DE000CR17Z33	Leveraged KO	Commerzbank	DAX 8950TL 1214Z	18	144
5530Z	DE000CR17GQ2	Leveraged KO	Commerzbank	DAX 9900TS 1214Z	166	144
W794Z	DE000CR17977	Leveraged KO	Commerzbank	DAX 9500TS 1214Z	107	141
W793Z	DE000CR17969	Leveraged KO	Commerzbank	DAX 9550TS 1214Z	63	138
E555C	DE000CF79YW8	Leveraged KO	Citi	NDX 4300TS 1214C	105	137
D422C	DE000CF792H9	Vanilla warrant	Citi	DAX 10000P 0315C	7	136
W924Z	DE000CR17BA7	Leveraged KO	Commerzbank	PSI20 4800TL 1214Z	26	129
5025Z	DE000CR180W2	Vanilla warrant	Commerzbank	DAX 9600P 0315Z	10	127
JMT3Z	DE000CZ28GL3	Constant Leverage	Commerzbank	JMT3Z ACCOPENZ	68	125
W792Z	DE000CR17951	Leveraged KO	Commerzbank	DAX 9600TS 1214Z	78	115
5531Z	DE000CR17GR0	Leveraged KO	Commerzbank	DAX 10000TS 1214Z	126	114
W797Z	DE000CR179A0	Leveraged KO	Commerzbank	DAX 9350TS 1214Z	78	112
D406C	DE000CF79212	Vanilla warrant	Citi	DAX 9000P 1214C	43	107
5604Z	DE000CR17ZE8	Leveraged KO	Commerzbank	DAX 9600TS 0315Z	27	101
5532Z	DE000CR17GS8	Leveraged KO	Commerzbank	DAX 10100TS 1214Z	62	99
(Source: Eu		5				



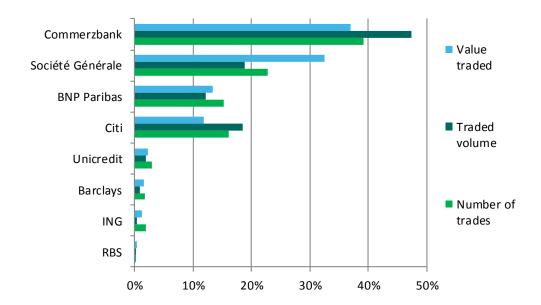
# **Euronext Paris**

#### 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 o	oftrades	
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		
Commerzbank	6.4	-19%	-10%	37.0%	14.6	6.5%	3.8%	47.4%	2,285	-21%	-4.5%	39.2%
Société Générale	5.6	-25%	-6.9%	32.5%	5.8	-11%	-5.4%	18.9%	1,330	-27%	2.3%	22.8%
BNP Paribas	2.3	-19%	-25%	13.4%	3.8	-0.7%	-9.8%	12.2%	890	-13%	-19%	15.3%
Citi	2.0	-7.9%	2.9%	11.7%	5.7	-17%	-1.3%	18.4%	939	1.9%	7.9%	16.1%
Unicredit	0.4	-24%	-34%	2.2%	0.6	2.1%	-28%	1.9%	170	30%	19%	2.9%
Barclays	0.3	-21%	-30%	1.5%	0.3	-0.3%	-13%	0.8%	101	-34%	-35%	1.7%
ING	0.2	-19%	26%	1.3%	0.1	-27%	1.2%	0.3%	108	-8.1%	26%	1.8%
RBS	0.1	41%	121%	0.4%	0.0	-26%	45%	0.0%	5	-3.2%	-19%	0.1%
Total	17.3	-20%	-11%		30.9	-3.3%	-1.8%		5,828	-18%	-3.6%	

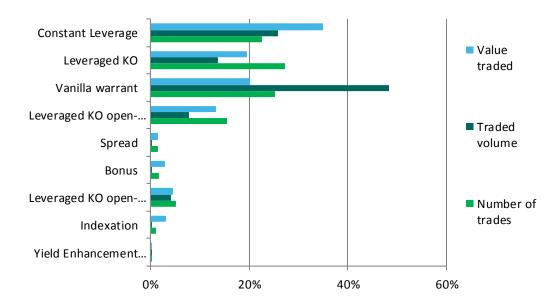


## **Product types**

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	olume		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		
Constant Leverage	6.0	-25%	-13%	34.9%	8.0	7.8%	1.8%	25.9%	1,319	-24%	-0.3%	22.6%
Leveraged KO	3.4	-29%	-17%	19.6%	4.2	-25%	-24%	13.6%	1,586	-24%	-17%	27.2%
Vanilla warrant	3.5	2.8%	-5.2%	20.1%	14.9	3.0%	3.3%	48.3%	1,472	-5.8%	1.9%	25.3%
Leveraged KO open-end	2.3	-7.3%	-1.3%	13.4%	2.4	-11%	-13%	7.8%	908	-12%	4.5%	15.6%
Spread	0.3	-51%	-46%	1.6%	0.0	-65%	-64%	0.0%	84	-32%	-18%	1.4%
Bonus	0.5	-19%	-36%	2.8%	0.0	-55%	-52%	0.1%	95	-14%	-13%	1.6%
Leveraged KO open-end BEST	0.8	-27%	34%	4.5%	1.3	-20%	72%	4.2%	298	-17%	21%	5.1%
Indexation	0.5	-20%	0.5%	3.2%	0.0	-2.9%	29%	0.0%	66	17%	53%	1.1%
Yield Enhancement & Other	0.0	-83%	-96%	0.0%	0.0	-63%	-93%	0.0%	0	-64%	-91%	0.0%
Total	17.3	-20%	-11%		31	-3.3%	-1.8%		5,828	-18%	-3.6%	

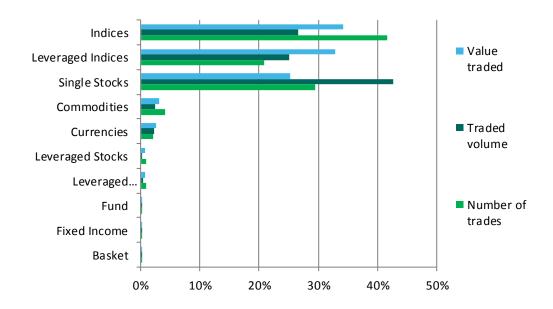


## **Underlying types**

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 traded Daily Month vs. YTD Market					Traded	volume		N	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	5.9	-31%	-8.7%	34.2%	8.2	-14%	4.2%	26.7%	2,424	-23%	-4.4%	41.6%
Leveraged Indices	5.7	-27%	-15%	32.9%	7.8	6.4%	0.1%	25.2%	1,216	-27%	-2.2%	20.9%
Single Stocks	4.4	11%	-14%	25.3%	13.2	-3.8%	-10%	42.7%	1,713	-8.3%	-11%	29.4%
Commodities	0.5	7.1%	25%	3.2%	0.8	34%	37%	2.5%	238	31%	54%	4.1%
Currencies	0.5	9.2%	89%	2.7%	0.7	1.2%	69%	2.3%	121	8.1%	42%	2.1%
Leveraged Stocks	0.1	-2.7%	-5.8%	0.8%	0.1	63%	110%	0.2%	52	-9.3%	-6.9%	0.9%
Leveraged Commodities	0.1	92%	108%	0.7%	0.1	147%	189%	0.4%	51	87%	121%	0.9%
Fund	0.0	-56%	-87%	0.2%	0.0	-59%	-88%	0.0%	6	-21%	-33%	0.1%
Fixed Income	0.0	33%	-54%	0.0%	0.0	-48%	-72%	0.0%	5	-12%	-20%	0.1%
Basket	0.0	153%	-66%	0.0%	0.0	831%	-31%	0.0%	0	360%	-7.3%	0.0%
Total	17.2	-20%	-11%		31	-3.3%	-1.8%		5,826	-18%	-3.7%	

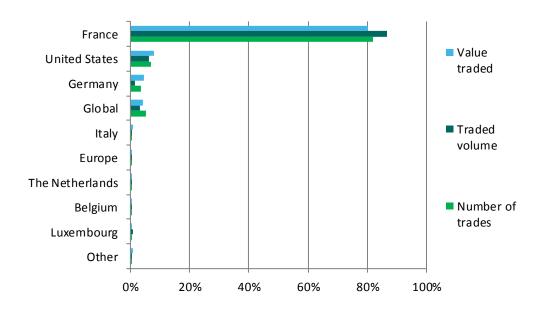


## Top 10 underlying countries

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	13.8	-25%	-16%	80.2%	26.8	-6.1%	-5.0%	86.8%	4,774	-21%	-8.1%	81.9%
United States	1.4	23%	49%	7.9%	1.9	31%	49%	6.1%	403	15%	40%	6.9%
Germany	0.8	-2.5%	14%	4.6%	0.5	20%	-3.3%	1.5%	202	-24%	-15%	3.5%
Global	0.7	17%	37%	4.3%	1.0	44%	53%	3.1%	312	40%	65%	5.3%
Italy	0.2	26%	-14%	0.9%	0.2	65%	109%	0.5%	34	0.9%	19%	0.6%
Europe	0.1	-35%	-73%	0.5%	0.1	-2.8%	30%	0.2%	12	-35%	-30%	0.2%
The Netherlands	0.0	-54%	-30%	0.3%	0.1	-65%	-36%	0.2%	19	-53%	-29%	0.3%
Belgium	0.0	-3.7%	-8.2%	0.3%	0.1	-23%	-42%	0.3%	12	5.9%	-15%	0.2%
Luxembourg	0.0	4.7%	-20%	0.2%	0.3	8.6%	-24%	0.9%	27	-2.2%	-5.0%	0.5%
Other	0.1	-17%	16%	0.8%	0.1	-32%	20%	0.3%	32	22%	48%	0.5%
Total	17.2	-20%	-11%		31	-3.3%	-1.8%		5,827	-18%	-3.6%	



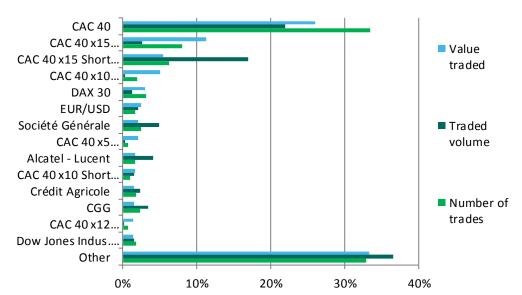
# Top 15 underlyings

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	4.5	-37%	-15%	26.1%	6.8	-20%	-1.5%	22.0%	1,950	-28%	-8.4%	33.5%
CAC 40 x15 Leveraged Index	1.9	-30%	-12%	11.3%	0.8	-39%	137%	2.6%	465	-35%	3.2%	8.0%
CAC 40 x15 Short Index	0.9	-36%	-9.0%	5.4%	5.3	42%	16%	17.0%	362	-0.3%	29%	6.2%
CAC 40 x10 Leveraged Index	0.9	-28%	-36%	5.0%	0.1	-46%	11%	0.4%	116	-36%	-25%	2.0%
DAX 30	0.5	-27%	-13%	3.1%	0.4	9.9%	-11%	1.3%	181	-28%	-18%	3.1%
EUR/USD	0.4	4.2%	91%	2.4%	0.6	-4.1%	68%	2.1%	101	-4.2%	35%	1.7%
Société Générale	0.4	51%	21%	2.1%	1.5	76%	38%	4.9%	142	23%	20%	2.4%
CAC 40 x5 Leveraged Index	0.4	-18%	2.7%	2.1%	0.1	-29%	11%	0.3%	39	-30%	6.2%	0.7%
Alcatel - Lucent	0.3	-14%	-30%	1.6%	1.3	-17%	-16%	4.1%	96	-27%	-22%	1.6%
CAC 40 x10 Short Index	0.3	-16%	-31%	1.6%	0.5	29%	-9.6%	1.5%	60	-24%	-20%	1.0%
Crédit Agricole	0.3	49%	14%	1.6%	0.7	143%	22%	2.4%	107	123%	41%	1.8%
CGG	0.3	354%	183%	1.6%	1.0	122%	163%	3.4%	134	160%	160%	2.3%
CAC 40 x12 Leveraged Index	0.2	-38%	-34%	1.4%	0.0	-54%	24%	0.1%	44	-47%	-46%	0.8%
Dow Jones Indus. Avg.	0.2	-0.1%	55%	1.4%	0.5	142%	180%	1.5%	108	97%	125%	1.8%
Other	5.7	2.3%	-9.4%	33.3%	11.3	-15%	-21%	36.6%	1,921	-10%	-9.6%	33.0%
Total	17.3	-20%	-11%		31	-3.3%	-1.8%		5,828	-18%	-3.6%	



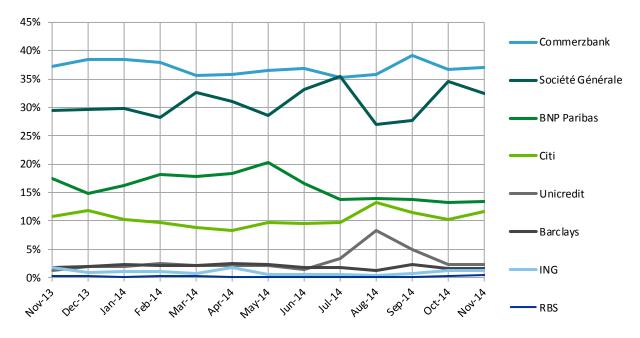


66 Market Activity Report - Warrants & Certificates - Euronext Paris - November 2014

# MARKET TREND: ISSUERS

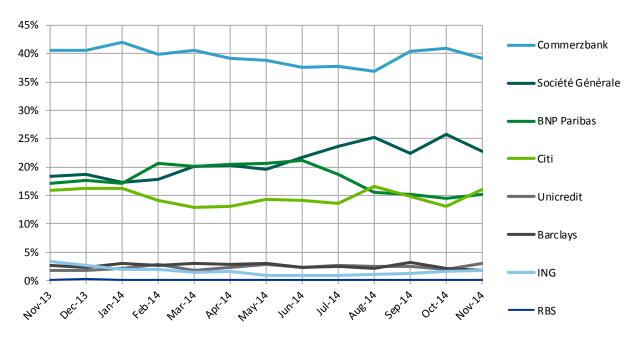
#### Value traded

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



## Number of transactions

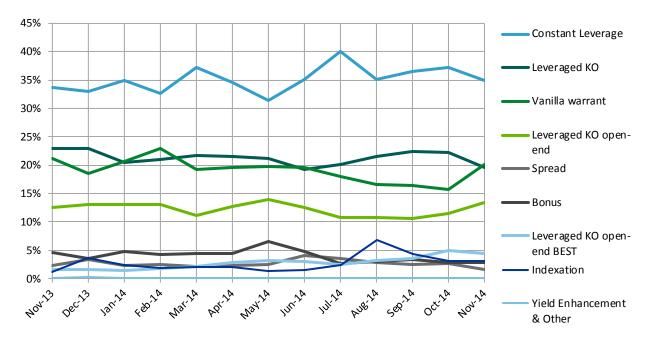
The historical graph below displays the weight of the traded volume of each issuer over the total traded volume on Euronext Paris.



# MARKET TREND: PRODUCT TYPES

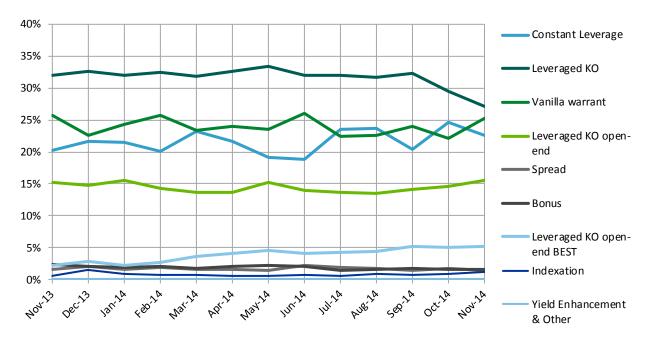
## Value traded

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

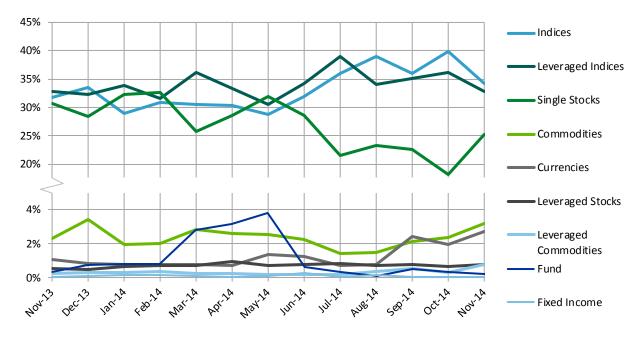
The historical graph below displays the weight of the traded volume of each product type over the total traded volume on Euronext Paris.



# MARKET TREND: UNDERLYING TYPES

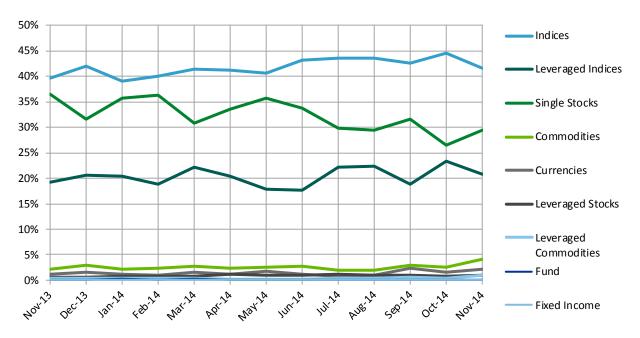
#### Value traded

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

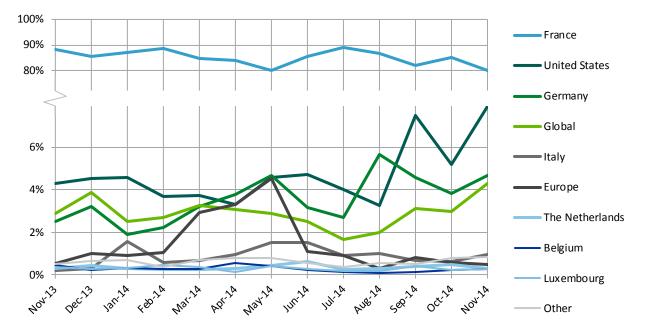
The historical graph below displays the weight of the traded volume of each underlying type over the total traded volume on Euronext Paris.



# MARKET TREND: UNDERLYING COUNTRIES

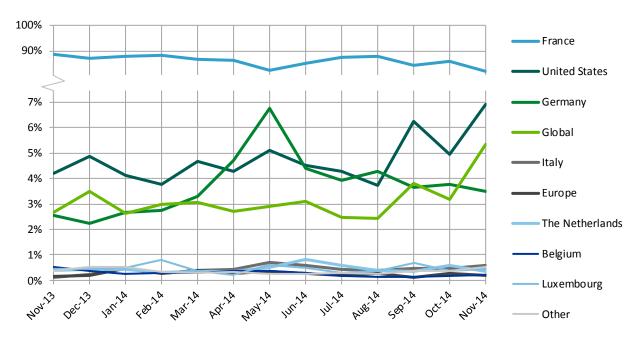
## Value traded

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

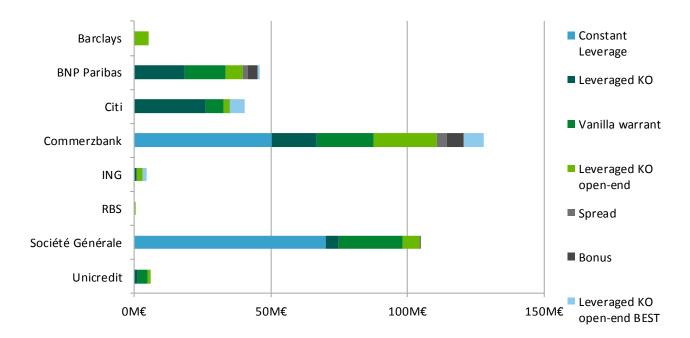
The historical graph below displays the weight of the traded volume of each underlying country of origin over the total traded volume on Euronext Paris.



# **ISSUER ACTIVITY**

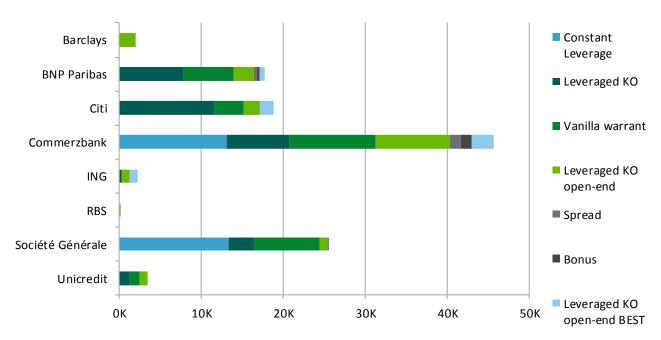
## Value traded

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.

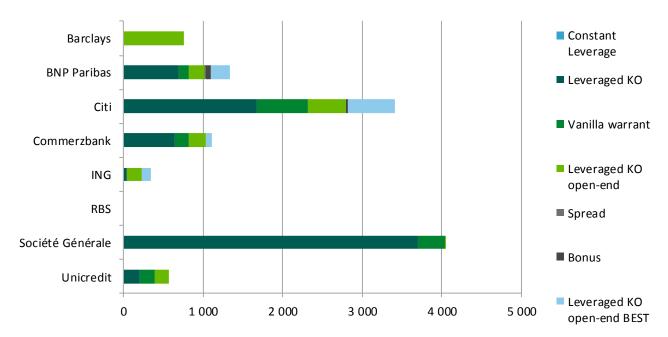


Market Activity Report - Warrants & Certificates - Euronext Paris - November 2014 71

# **ISSUER ACTIVITY: NEW LISTINGS**

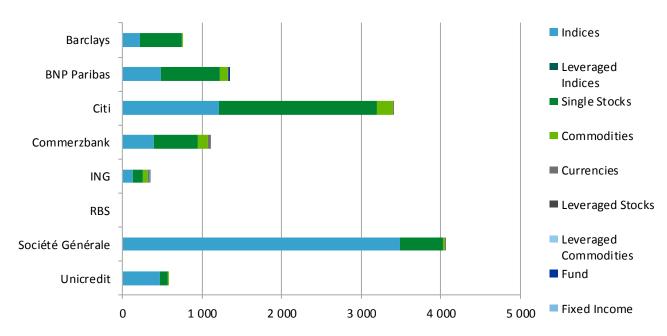
## **Product types**

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.

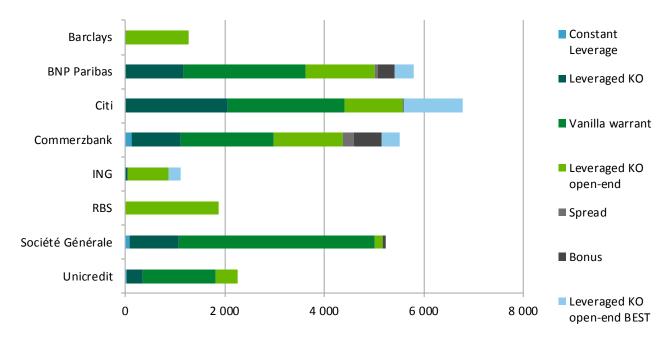


72 Market Activity Report - Warrants & Certificates - Euronext Paris - November 2014

# ISSUER ACTIVITY: PRODUCT RANGE

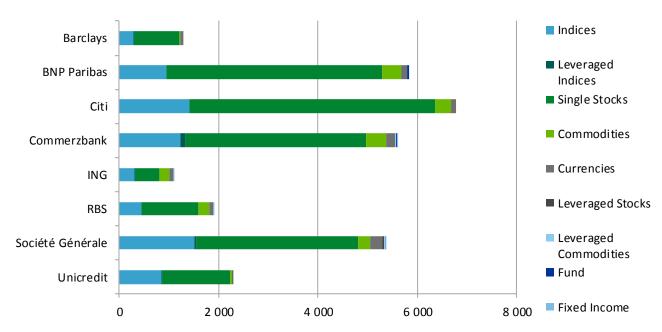
## **Product types**

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.



Market Activity Report - Warrants & Certificates - Euronext Paris - November 2014 73

# **TOP 50 TRADED PRODUCTS**

# Top 50 traded products

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

	ISIN Code	Product type	lssuer	Name	Number of trades	Value traded
symbol					trades	(in K€)
LV15Z	DE000CZ5L7J5	Constant Leverage	Commerzbank	LV15Z PI OPENZ	5,954	24,278
CL15S	FR0011654441	Constant Leverage	Société Générale	.CA15 PI OPENS	3,349	14,575
6998S	FR0011214527	Constant Leverage	Société Générale	CAC10 PI OPENS	1,885	13,468
CS15S	FR0011654458	Constant Leverage	Société Générale	.CA15 PI OPENS	3,271	9,565
SR15Z	DE000CZ8VJG3	Constant Leverage	Commerzbank	CAC40 PI OPENZ	3,479	8,234
7731S	FR0010961078	Constant Leverage	Société Générale	CAC5L PI OPENS	682	6,047
SGR3S	FR0012189249	Constant Leverage	Société Générale	LDAX8 LEVOPENS	61	4,623
K736S	FR0011978691	Vanilla warrant	Société Générale	CAC40 4400P 1114S	231	4,016
CS10S	FR0011451087	Constant Leverage	Société Générale	CA10S PI OPENS	954	3,988
LV10Z	DE000CZ28ZC2	Constant Leverage	Commerzbank	LV10Z FACOPENZ	440	3,903
CL12S	FR0011488303	Constant Leverage	Société Générale	CA12L PI OPENS	642	3,864
7730S	FR0010961060	Constant Leverage	Société Générale	CAC4L PI OPENS	101	2,957
8631C	DE000CC31P67	Leveraged KO	Citi	CAC40 3875TL 1214C	101	2,695
01955	FR0012222214	Leveraged KO open-end	Société Générale	CAC40 4414TS OPENS	199	2,376
J518Z	DE000CR2THX9	Leveraged KO open-end BEST	Commerzbank	EUUSD 1.3TS OPENZ	181	2,209
3U33Z	DE000CK9PVS0	Constant Leverage	Commerzbank	L5DJI PI OPENZ	22	1,830
ML10Z	DE000CZ8VJH1	Constant Leverage	Commerzbank	FTMIB PI OPENZ	342	1,800
F582Z	DE000CB6VA22	Vanilla warrant	Commerzbank	CAC40 4200C 1114Z	713	1,745
4234T	DE000HV0JFY5	Pure indexation	Unicredit	CAC40 PI OPENT	20	1,698
69405	FR0011119395	Constant Leverage	Société Générale	CAC7L PLOPENS	168	1,630
SR10Z	DE000CZ8VJE8	Constant Leverage	Commerzbank	CAC40 PI OPENZ	251	1,597
SGQ6S	FR0012143865	Pure indexation	Société Générale	CAC40 PTOPENS	10	1,537
77335	FR0012143805	Constant Leverage	Société Générale	CAC4S PLOPENS	10	1,337
110GS	FR0011630474	Pure indexation	Société Générale	.SGIX PI OPENS	115	1,404
69955	FR0011214501	Constant Leverage	Société Générale	CAC5L PLOPENS	83	1,198
MS10Z	DE000CZ8VJJ7	Constant Leverage	Commerzbank	FTMIB PLOPENZ	230	1,145
			Commerzbank	CAC40 4370TS 1114Z	321	1,129
J288Z 6699S	DE000CR2TBG7	Leveraged KO			72	1,098
	FR0011780535	Vanilla warrant	Société Générale	DAX 9700C 1214S		-
B424S	FR0012262624	Vanilla warrant	Société Générale	CAC40 4050C 1114S	47	1,061
H008B	FR0012255669	Leveraged KO	BNP Paribas	CAC40 3930TPL1214B	114	998
LV12Z	DE000CK9RD98	Constant Leverage	Commerzbank	CAC40 PI OPENZ	245	989
CS12S	FR0011488329	Constant Leverage	Société Générale	CA12S PI OPENS	424	968
2185Z	DE000CZ8VRX1	Leveraged KO open-end	Commerzbank	OILCR 66TCIOPENZ	334	946
SH15Z	DE000CZ5L7K3	Constant Leverage	Commerzbank	SH15Z PI OPENZ	499	940
F754S	FR0011880723	Vanilla warrant	Société Générale	CAC40 4450P 1214S	28	898
G815Z	DE000CR2S7B5	Leveraged KO	Commerzbank	CAC40 4575TS 1214Z	97	866
SGQ7S	FR0012143873	Pure indexation	Société Générale	CAC7S PI OPENS	38	857
S5L5S	FR0011472463	Constant Leverage	Société Générale	SX5TD PI OPENS	7	838
K707S	FR0011978402	Vanilla warrant	Société Générale	CAC40 4300C 1114S	301	836
9G12Z	DE000CB6QL18	Leveraged KO open-end	Commerzbank	DJIND18252TPIOPENZ	620	824
2124S	FR0010511535	Pure indexation	Société Générale	BRENT PI OPENS	142	802
SGQ5S	FR0012143824	Pure indexation	Société Générale	CAC5S PI OPENS	66	791
K072Z	DE000CR2TZ43	Spread	Commerzbank	CAC40 4100FLP1114Z	37	786
0196S	FR0012222222	Leveraged KO open-end	Société Générale	CAC40 4462TS OPENS	56	759
T206B	FR0012254969	Leveraged KO	BNP Paribas	CAGRI 9.25TPL1214B	35	717
J343Z	DE000CR2TD64	Vanilla warrant	Commerzbank	CAC40 4250C 1114Z	394	700
1U57Z	DE000CB6T9S4	Leveraged KO open-end	Commerzbank	APPLE73.15TCIOPENZ	6	697
4957Z	DE000CM95Y26	Leveraged KO open-end	Commerzbank	APPLE 340TCIOPENZ	5	696
H782Z	DE000CR2SXS8	Vanilla warrant	Commerzbank	CAC40 4250P 1114Z	188	691
1055N	FR0010307983	Pure indexation	RBS	BOVES PI OPENN	4	691

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.

© 2014, 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.