warrants and certificates
Activity

report

Issue 33 April 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 does not constitute investment advice or any offer, solicitation or recommendation to acquire or dispose of any investment or to engage in any transaction. Although this publication is issued in good faith, it is provided on an "as is" basis without representation or warranty of any kind, whether express or implied, and ICE and/or any of its officers, employees or agents shall incur no responsibility or liability for any loss or damages of any nature resulting from, arising out of or in connection with the contents of this publication and any such liability is expressly disclaimed. 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 ICE's subsidiaries shall depend solely on the applicable rules of the market operator. ICE offers no view on whether investments are appropriate for you and recommends you obtain independent advice in respect of any such investments. Persons wishing to trade products available on ICE markets or wishing to offer such products to third parties are advised, before doing so, to check their legal and regulatory position in the relevant territory and to understand the related risks. All proprietary rights and interest in or connected with this publication shall vest in ICE. No part of it may be redistributed or reproduced in any form or by any means or used to make any derivative work (such as translation, transformation, or adaptation) without the prior written permission of ICE. ICE refers to IntercontinentalExchange Group, Inc. and its affiliates and references to ICE in this publication include each and any such company as the context dictates.

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

Trademarks of ICE and/or its affiliates include Intercontinental Exchange, ICE and Euronext. Information regarding additional trademarks and intellectual property rights of IntercontinentalExchange Group, Inc. and/or its affiliates is located at https://www.theice.com/terms.jhtml and http:// www.nyx.com/terms-use.

## **Editorial**

April was a calmer month compared to April 2014 Year-to-Date. The daily average value traded was down by 2.6% and the daily average number of trades by 1.7% across all markets. Compared to March 2014, the daily average value traded in April was down by 6.1% and the daily average number of trades by 5.1%. However, compared to April 2013, the daily average value traded in April 2014 was up by 5.1% and there were on average 6.9% more trades per day. This number is even higher when comparing to the monthly average over the last 12 months: the daily average value traded was up by 12% and the daily average number of trades by 14%. In particular, it was a good month for Euronext Lisbon where the daily average number of trades by 15% compared to March.

The strong listing trend has regained momentum again. In April there were 12K new listings yielding a total of 36K live listings at the end of the month. This is 8% more live listings compared to the previous month and 26% more when compared to April 2013. On Euronext Paris there were almost 10K new listings for a total of 22K at the end of the month.

Among some issuers there has been a shift in the ranking in terms of the market share in value traded. Commerzbank, ranked third in March, is now ranked second. ING gained 1.2% market share and is now ranked third and has also almost caught up with Commerzbank (only 0.5% difference in market share between them). ABN Amro, ranked second in March, lost almost 4% market share and is now ranked fourth. Value traded on RBS products accounted for 27% of the total value traded in April. The gap between RBS and the second ranked issuer Commerzbank is therefore 11.3% in terms of market share in value traded.

Among the product types there have been no major changes. The market shares and ranking of the product types remained almost the same as in March. This holds true for the underlying types with exception of single stocks which gained 3.5% market share in April. The activity of single stocks increased by 11% and leveraged stocks with 23% in terms of daily average value traded.

	Euronext Amsterdam	Euronext Brussels	Euronext Lisbon	Euronext Paris	Euronext Markets
Live listings (as of 30/04/2014)	9,340	3,056	1,792	21,769	35,957
Newlistings	1,405	570	160	9,982	12,117
Value traded (in M€)	794	2.1	86.5	429	1,312
Value traded YTD (in M€)	3,487	10.6	333.4	1,759	5,590
Traded volume (in M)	554	2.6	32.3	794	1,382
Traded volume YTD (in M)	2,242	12.0	135.6	2,896	5,285
Number of trades	186,458	694	17,574	133,888	338,614
Number of trades YTD	797,029	2,949	74,208	555,232	1,429,418

## 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** 





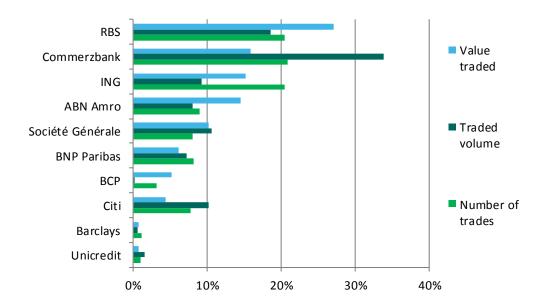
# **Euronext Markets**

#### 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	
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		
RBS	17.8	-1.7%	-5.2%	27.1%	12.9	20%	10.0%	18.6%	3,464	0.0%	-2.9%	20.4%
Commerzbank	10.4	-1.4%	1.4%	15.8%	23.4	15%	20%	33.8%	3,549	-7.0%	-1.8%	20.9%
ING	10.0	1.5%	1.3%	15.3%	6.4	-6.4%	-6.3%	9.3%	3,464	-10%	-6.4%	20.4%
ABN Amro	9.6	-26%	-15%	14.6%	5.5	-32%	-10%	8.0%	1,523	-14%	-1.4%	9.0%
Société Générale	6.7	-11%	3.0%	10.2%	7.4	-0.7%	13%	10.7%	1,364	-3.2%	8.0%	8.0%
BNP Paribas	4.0	-6.1%	3.6%	6.1%	5.0	-1.7%	-1.1%	7.2%	1,384	-3.4%	4.4%	8.2%
BCP	3.4	18%	8.1%	5.1%	0.1	29%	9.2%	0.2%	532	15%	-2.1%	3.1%
Citi	2.8	-3.0%	-0.1%	4.3%	7.0	7.9%	9.8%	10.1%	1,317	-0.4%	-1.5%	7.8%
Barclays	0.5	7.7%	11%	0.8%	0.4	-8.8%	-3.1%	0.6%	191	-8.0%	-0.5%	1.1%
Unicredit	0.5	0.4%	4.3%	0.7%	1.0	50%	-5.1%	1.5%	159	32%	5.6%	0.9%
Total	65.6	-6.1%	-2.6%		69.1	4.3%	8.5%		16,946	-5.1%	-1.7%	

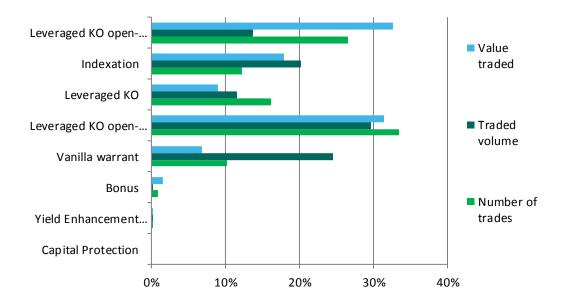


#### **Product types**

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		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	21.4	-6.3%	-13%	32.6%	9.5	-8.8%	-16%	13.8%	4,495	-5.0%	-8.7%	26.5%
Indexation	11.7	-5.8%	1.3%	17.8%	14.0	38%	51%	20.2%	2,078	-6.3%	-1.6%	12.3%
Leveraged KO	5.9	-3.7%	4.3%	9.0%	8.0	1.6%	3.3%	11.6%	2,735	-0.6%	2.0%	16.1%
Leveraged KO open-end BEST	20.6	-6.9%	6.5%	31.4%	20.5	1.7%	12%	29.7%	5,660	-8.2%	2.4%	33.4%
Vanilla warrant	4.5	-4.6%	-2.3%	6.9%	17.0	-2.9%	-0.2%	24.6%	1,724	-1.2%	-0.3%	10.2%
Bonus	1.0	-11%	-4.5%	1.6%	0.1	-8.0%	-1.5%	0.1%	148	5.9%	1.1%	0.9%
Yield Enhancement & Other	0.5	-2.8%	-3.1%	0.8%	0.0	45%	17%	0.1%	106	-9.1%	-7.5%	0.6%
Capital Protection	0.0	14%	-60%	0.0%	0.0	14%	-60%	0.0%	1	84%	24%	0.0%
Total	65.6	-6.1%	-2.6%		69	4.3%	8.5%		16,947	-5.1%	-1.7%	

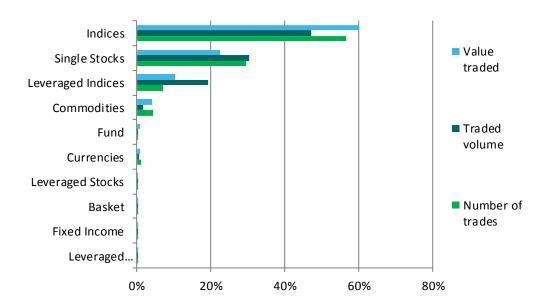


#### **Underlying types**

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	39.5	-7.5%	-2.5%	60.1%	32.6	-3.2%	3.2%	47.1%	9,600	-7.4%	-0.2%	56.7%
Single Stocks	14.8	11%	-2.1%	22.5%	21.0	3.0%	-0.9%	30.3%	5,016	7.3%	-1.5%	29.6%
Leveraged Indices	6.9	-16%	-1.4%	10.5%	13.4	39%	54%	19.4%	1,210	-16%	-5.0%	7.1%
Commodities	2.7	-29%	-11%	4.2%	1.3	-18%	-5.2%	1.9%	749	-17%	-8.5%	4.4%
Fund	0.7	3.5%	61%	1.0%	0.1	4.5%	36%	0.1%	11	-40%	-27%	0.1%
Currencies	0.6	-25%	-24%	0.9%	0.5	-18%	-0.1%	0.8%	222	-28%	-14%	1.3%
Leveraged Stocks	0.2	23%	12%	0.4%	0.2	-7.6%	-21%	0.2%	82	17%	13%	0.5%
Basket	0.2	9.2%	-14%	0.2%	0.0	-23%	-23%	0.0%	12	-17%	-26%	0.1%
Fixed Income	0.1	-25%	-47%	0.1%	0.0	-21%	-42%	0.0%	24	-40%	-47%	0.1%
Leveraged Commodities	0.1	-18%	-17%	0.1%	0.0	-45%	-18%	0.1%	20	-24%	-21%	0.1%
Total	65.6	-6.1%	-2.6%		69	4.3%	8.5%		16,946	-5.1%	-1.7%	

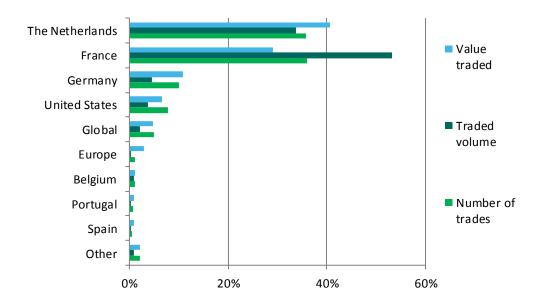


#### Top 10 underlying countries

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					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			
The Netherlands	26.7	-8.8%	-6.5%	40.7%	23.4	-0.1%	3.2%	33.8%	6,053	-8.2%	-4.9%	35.7%	
France	19.1	-6.5%	-1.2%	29.2%	36.8	11%	14%	53.2%	6,110	-3.9%	-0.8%	36.1%	
Germany	7.1	0.6%	6.2%	10.9%	3.2	-5.3%	9.9%	4.6%	1,698	5.8%	14%	10.0%	
United States	4.3	5.9%	2.6%	6.6%	2.6	2.0%	9.3%	3.7%	1,309	-1.0%	5.3%	7.7%	
Global	3.2	-26%	-12%	4.8%	1.4	-19%	-6.1%	2.0%	833	-16%	-8.9%	4.9%	
Europe	1.9	13%	27%	2.9%	0.2	9.4%	24%	0.3%	170	2.3%	-2.7%	1.0%	
Belgium	0.7	20%	9.3%	1.1%	0.6	-4.4%	1.1%	0.8%	182	5.5%	-0.7%	1.1%	
Portugal	0.6	32%	16%	0.9%	0.2	3.3%	-13%	0.3%	124	18%	4.6%	0.7%	
Spain	0.5	21%	13%	0.8%	0.1	2.7%	-28%	0.1%	96	19%	-1.3%	0.6%	
Other	1.4	-12%	-24%	2.1%	0.6	-33%	-34%	0.9%	368	-19%	-25%	2.2%	
Total	65.5	-6.2%	-2.7%		69	4.3%	8.5%		16,944	-5.1%	-1.7%		



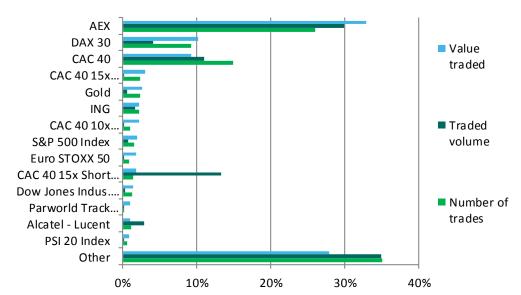
## Top 15 underlyings

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		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 M€)	month			(in M)	month				month		
AEX	21.6	-14%	-7.9%	32.9%	20.7	-2.4%	3.3%	29.9%	4,408	-15%	-6.5%	26.0%
DAX 30	6.7	2.7%	8.1%	10.2%	2.8	-3.0%	12%	4.1%	1,577	9.3%	17%	9.3%
CAC 40	6.0	-7.1%	0.7%	9.2%	7.6	-6.0%	0.3%	11.0%	2,519	-6.2%	0.6%	14.9%
CAC 40 15x Leveraged Index	2.0	-2.9%	5.4%	3.0%	0.1	-28%	-15%	0.2%	408	-18%	-2.9%	2.4%
Gold	1.7	-22%	-1.1%	2.6%	0.4	-19%	-5.4%	0.6%	391	-24%	-8.0%	2.3%
ING	1.5	38%	15%	2.2%	1.2	52%	32%	1.7%	387	36%	25%	2.3%
CAC 40 10x Leveraged Index	1.4	-39%	-15%	2.2%	0.1	-50%	-26%	0.1%	172	-28%	-12%	1.0%
S&P 500 Index	1.3	43%	25%	1.9%	0.5	6.2%	1.7%	0.7%	258	5.5%	12%	1.5%
Euro STOXX 50	1.2	18%	13%	1.8%	0.1	8.3%	14%	0.2%	149	5.6%	-1.0%	0.9%
CAC 40 15x Short Index	1.2	32%	37%	1.8%	9.2	81%	92%	13.3%	238	3.3%	8.3%	1.4%
Dow Jones Indus. Avg.	0.9	-4.7%	4.3%	1.4%	0.2	-40%	-9.5%	0.3%	207	-17%	-1.7%	1.2%
Parworld Track Continental Europ	0.7	3.9%	66%	1.0%	0.1	3.5%	66%	0.1%	10	-42%	-28%	0.1%
Alcatel - Lucent	0.6	42%	23%	1.0%	2.0	26%	24%	2.9%	187	40%	25%	1.1%
PSI 20 Index	0.5	33%	19%	0.8%	0.0	28%	6.5%	0.0%	100	23%	12%	0.6%
Other	18.4	-3.2%	-8.4%	28.0%	24.1	-2.7%	-2.5%	34.9%	5,937	-0.1%	-5.1%	35.0%
Total	65.6	-6.1%	-2.6%		69	4.3%	8.5%		16,946	-5.1%	-1.7%	

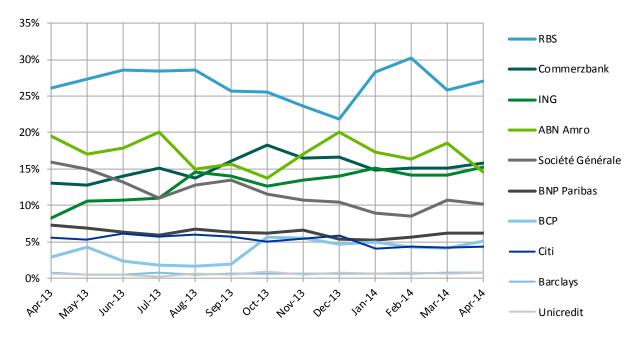




## MARKET TREND: ISSUERS

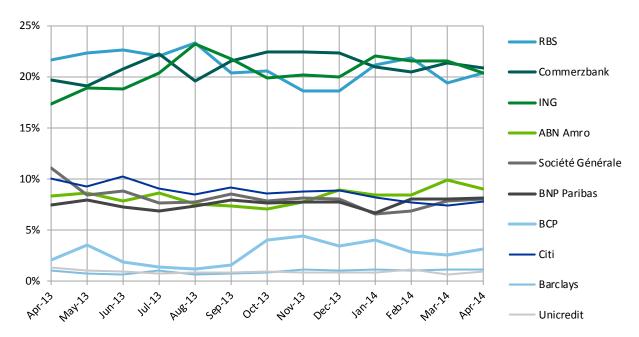
#### Value traded

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

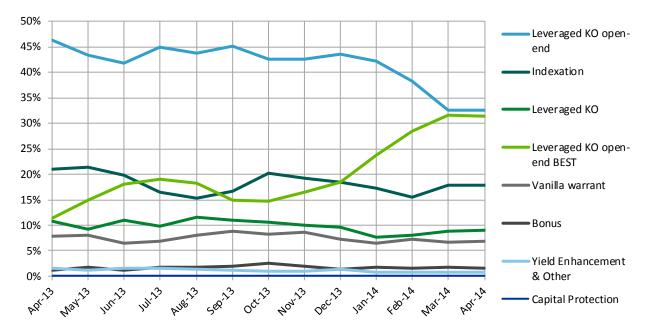
The historical graph below displays the weight of the traded volume of each issuer over the total traded volume across all Euronext markets.



## MARKET TREND: PRODUCT TYPES

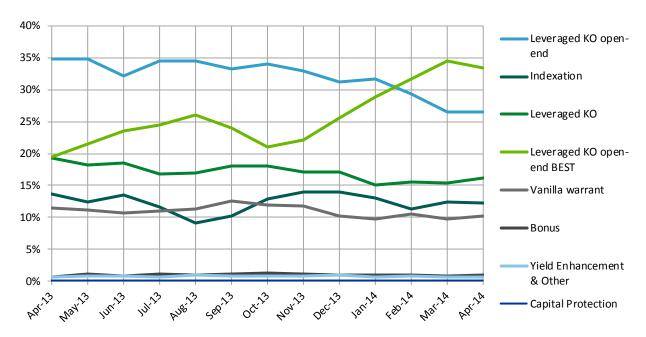
#### Value traded

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

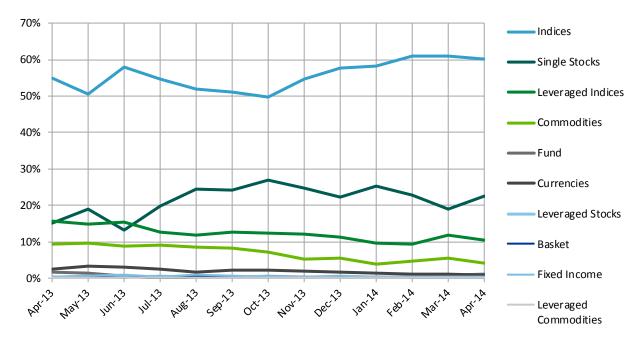
The historical graph below displays the weight of the traded volume of each product type over the total traded volume across all Euronext markets.



## MARKET TREND: UNDERLYING TYPES

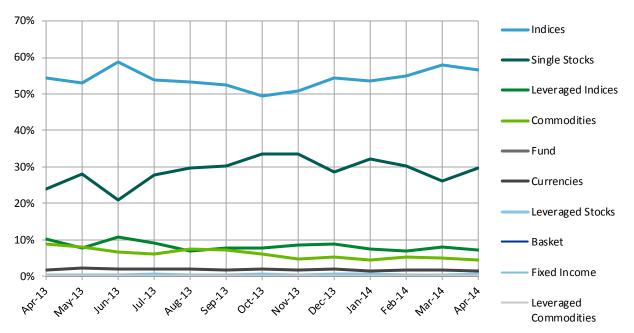
#### Value traded

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

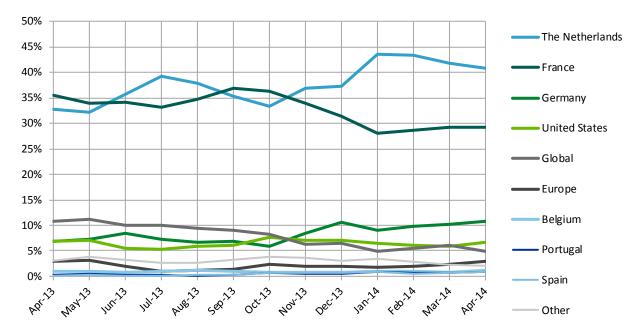
The historical graph below displays the weight of the traded volume of each underlying type over the total traded volume across all Euronext markets.



## MARKET TREND: UNDERLYING COUNTRIES

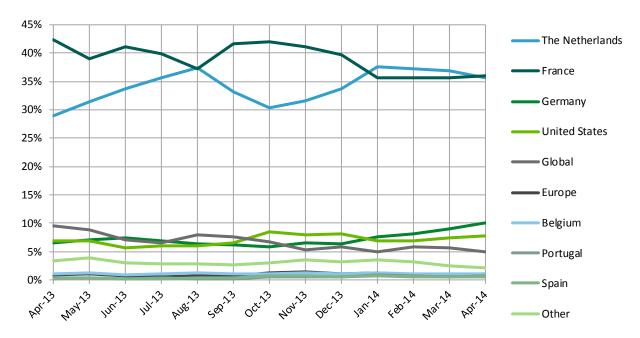
#### Value traded

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

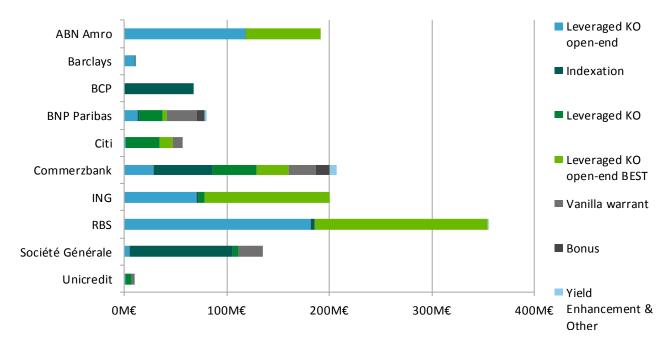
The historical graph below displays the weight of the traded volume of each underlying country of origin over the total traded volume across all Euronext markets.



## **ISSUER ACTIVITY**

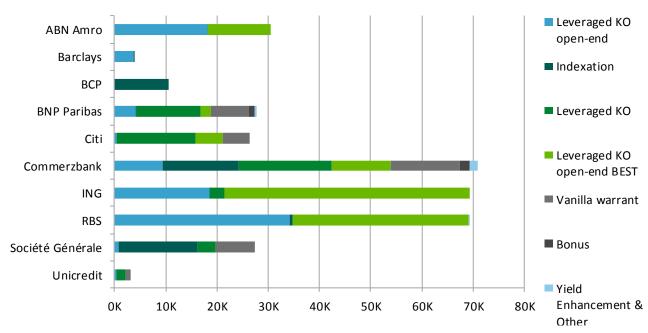
#### Value traded

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.

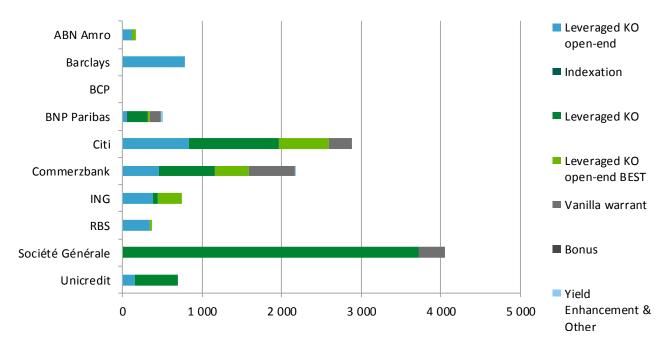


Market Activity Report - Warrants & Certificates - Euronext Markets - April 2014 15

## **ISSUER ACTIVITY: NEW LISTINGS**

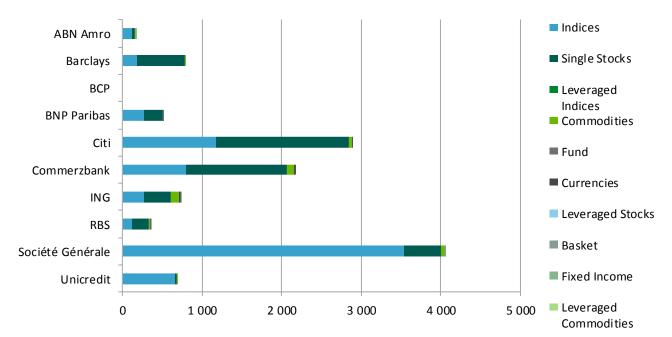
#### **Product types**

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.

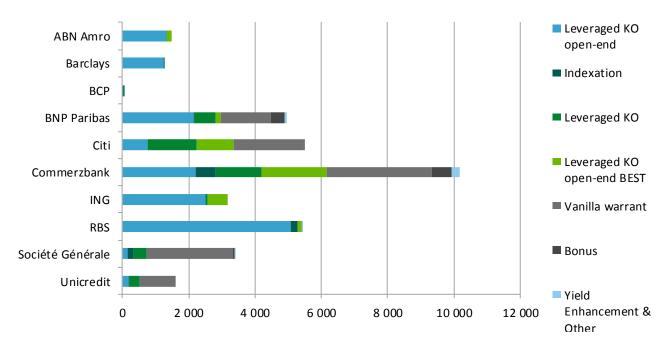


16 Market Activity Report - Warrants & Certificates - Euronext Markets - April 2014

## **ISSUER ACTIVITY: PRODUCT RANGE**

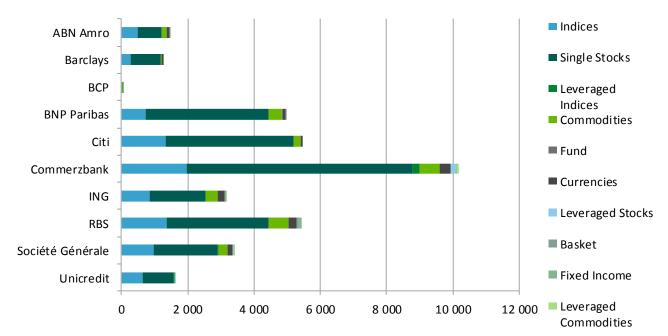
#### **Product types**

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 - April 2014 17

## **TOP 50 TRADED PRODUCTS**

## Top 50 traded products

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

Trading symbol	ISIN Code	Product type	Issuer	Name	Number of trades	Value traded
						(in K€)
C749N	NL0010654562	Leveraged KO open-end BEST	RBS	AEX 390.6BL OPENN	4,980	30,306
6998S	FR0011214527	Pure indexation	Société Générale	CAC10 PI OPENS	3,100	27,284
LV15Z	DE000CZ5L7J5	Pure indexation	Commerzbank	LV15Z PI OPENZ	6,189	24,679
1025P	PTBIVRYE0068	Pure indexation	BCP	ESTX PI OPENP	2,251	18,145
C022N	NL0010605689	Leveraged KO open-end BEST	RBS	AEX 415BS OPENN	3,992	16,365
CL15S	FR0011654441	Pure indexation	Société Générale	.CA15 PI OPENS	1,980	15,076
C849N	NL0010655569	Leveraged KO open-end BEST	RBS	AEX 401.6BS OPENN	2,044	13,633
C824N	NL0010655312	Leveraged KO open-end BEST	RBS	AEX 404.6BS OPENN	1,389	12,696
W135B	NL0010568309	Vanilla warrant	BNP Paribas	PWLDT96.65C 0424B	118	12,279
CS15S	FR0011654458	Pure indexation	Société Générale	.CA15 PI OPENS	2,566	11,897
SH15Z	DE000CZ5L7K3	Pure indexation	Commerzbank	SH15Z PI OPENZ	2,201	11,293
G786A	NL0010507588	Leveraged KO open-end BEST	ABN Amro	AEX 414.5TRSOPENA	994	10,581
1028P	PTBIY1YE0064	Pure indexation	BCP	PSI 2 PI OPENP	1,828	10,512
CS10S	FR0011451087	Pure indexation	Société Générale	CA10S PI OPENS	1,786	10,149
C735N	NL0010654422	Leveraged KO open-end	RBS	AEX 390TL OPENN	1,315	9,819
1029P	PTBITAYE0046	Pure indexation	BCP	SP500 PI OPENP	1,625	9,650
C732N	NL0010654398	Leveraged KO open-end BEST	RBS	AEX 388.6BL OPENN	1,508	9,589
B970N	NL0010524328	Leveraged KO open-end	RBS	AEX 376TL OPENN	586	8,498
7731S	FR0010961078	Pure indexation	Société Générale	CAC5L PI OPENS	735	8,323
C783N	NL0010654901	Leveraged KO open-end BEST	RBS	AEX 398.3BL OPENN	1,887	8,080
1027P	PTBITEYE0034	Pure indexation	BCP	DAX PI OPENP	1,169	7,968
H492A	NL0010705687	Leveraged KO open-end BEST	ABN Amro	AEX 385.TRLOPENA	263	7,650
H606A	NL0010706826	Leveraged KO open-end BEST	ABN Amro	AEX 396.TRLOPENA	514	7,550
G761A	NL0010507331	Leveraged KO open-end	ABN Amro	AEX 377.3TL OPENA	499	7,459
C770N	NL0010654778	Leveraged KO open-end BEST	RBS	AEX 396.4BL OPENN	1,474	7,244
P522G	NL0010597282	Leveraged KO open-end BEST	ING	AEX 411.6TS OPENG	2,885	6,882
1023P	PTBIXRYE0025	Pure indexation	BCP	IBEX PI OPENP	1,077	6,548
H573A	NL0010706495	Leveraged KO open-end BEST	ABN Amro	AEX 390.TRLOPENA	1,515	6,459
G358A	NL0010503306	Leveraged KO open-end	ABN Amro	AEX 375TL OPENA	279	5,635
C036N	NL0010605820	Leveraged KO open-end	RBS	AEX 412TS OPENN	930	5,623
B631N	NL0010520938	Leveraged KO open-end	RBS	SP500 2250TS OPENN	134	5,427
CL12S	FR0011488303	Pure indexation	Société Générale	CA12L PI OPENS	906	5,374
C023N	NL0010605697	Leveraged KO open-end BEST	RBS	AEX 418BS OPENN	775	4,721
SR15Z	DE000CZ8VJG3	Pure indexation	Commerzbank	CAC40 PI OPENZ	2,402	4,716
S497G	NL0010689600	Leveraged KO open-end BEST	ING	AEX 390.7TL OPENG	2,609	4,672
C698N	NL0010654059	Leveraged KO open-end BEST	RBS	AEX 384.5BL OPENN	1,523	4,508
B991N	NL0010605390	Leveraged KO open-end	RBS	AEX 379TL OPENN	505	4,408
C376N	NL0010609228	Leveraged KO open-end BEST	RBS	AEX 378.7BL OPENN	473	4,399
C024N	NL0010605705	Leveraged KO open-end BEST	RBS	AEX 421BS OPENN	832	4,175
Q117G	NL0010602231	Leveraged KO open-end BEST	ING	DAX 9785TS OPENG	572	4,173
CS12S	FR0011488329	Pure indexation	Société Générale	CA12S PLOPENS	1,286	4,078
G805A	NL0010507778	Leveraged KO open-end BEST	ABN Amro	DAX 9815TRSOPENA	1,094	3,991
F148A	NL0010491171	Leveraged KO open-end	ABN Amro	AEX 420TS OPENA	628	3,933
C017N	NL0010605630	Leveraged KO open-end	RBS	ING 9.3TL OPENN	758	3,868
B322N	NL0010517843	Leveraged KO open-end	RBS	AEX 418TS OPENN	591	3,845
C829N	NL0010655361	Leveraged KO open-end	RBS	AEX 401TS OPENN	716	3,784
J235G	NL0010459533	Leveraged KO open-end	ING	AEX 437SPSOPENG	403	3,585
S528G	NL0010689915	Leveraged KO open-end BEST	ING	DAX 9369TL OPENG	579	3,432
ML10Z	DE000CZ8VJH1	Pure indexation	Commerzbank	FTMIB PI OPENZ	301	3,432
1032P	PTBCS1YE0010	Pure indexation	BCP	NIKEI PLOPENP	610	3,338
Source: Eu		i die indexation			010	5,55



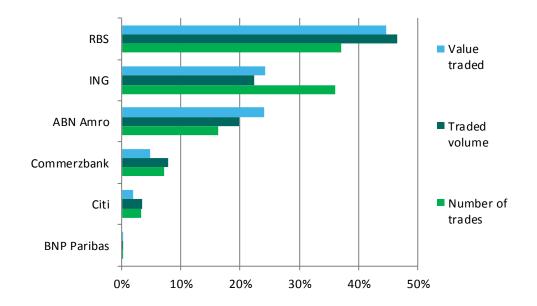
# **Euronext Amsterdam**

#### Issuers

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

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

	Value traded					Traded	volume		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			
RBS	17.7	-1.6%	-5.2%	44.7%	12.9	20%	10.0%	46.5%	3,457	0.1%	-2.8%	37.1%	
ING	9.6	-0.7%	-0.1%	24.3%	6.2	-9.1%	-8.0%	22.3%	3,359	-11%	-6.3%	36.0%	
ABN Amro	9.6	-26%	-15%	24.1%	5.5	-32%	-10%	19.9%	1,523	-14%	-1.4%	16.3%	
Commerzbank	1.9	23%	18%	4.8%	2.2	31%	24%	7.8%	669	-1.2%	5.1%	7.2%	
Citi	0.7	27%	25%	1.9%	0.9	51%	43%	3.4%	300	-2.8%	14%	3.2%	
BNP Paribas	0.1	-50%	-41%	0.2%	0.0	-49%	-36%	0.1%	15	-14%	-16%	0.2%	
Total	39.7	-7.6%	-5.5%		27.7	-0.7%	2.5%		9,323	-6.6%	-2.9%		

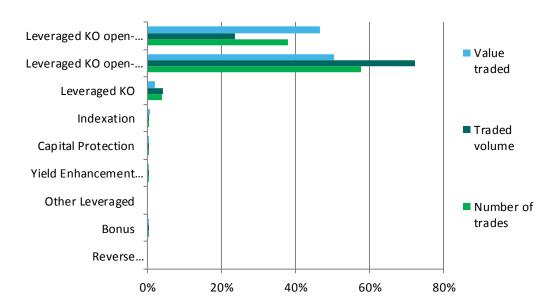


#### **Product types**

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	18.6	-7.9%	-15%	46.7%	6.5	-9.8%	-20%	23.5%	3,552	-5.0%	-9.7%	38.1%
Leveraged KO open-end BEST	20.0	-7.6%	5.8%	50.3%	20.0	1.2%	12%	72.3%	5,378	-8.8%	1.4%	57.7%
Leveraged KO	0.8	14%	12%	2.0%	1.1	42%	30%	4.0%	351	17%	14%	3.8%
Indexation	0.3	-16%	-23%	0.8%	0.0	-57%	-41%	0.1%	26	-26%	-27%	0.3%
Capital Protection	0.0	14%	-60%	0.0%	0.0	14%	-60%	0.0%	1	84%	24%	0.0%
Yield Enhancement & Other	0.0	-41%	-65%	0.0%	0.0	-40%	-64%	0.0%	0	-58%	-55%	0.0%
Other Leveraged			-100%				-100%				-100%	
Bonus	0.1	-49%	-41%	0.2%	0.0	-49%	-36%	0.1%	15	-13%	-16%	0.2%
Total	39.7	-08%	- 05%		28	-01%	02%		9,323	- 07%	- 03%	

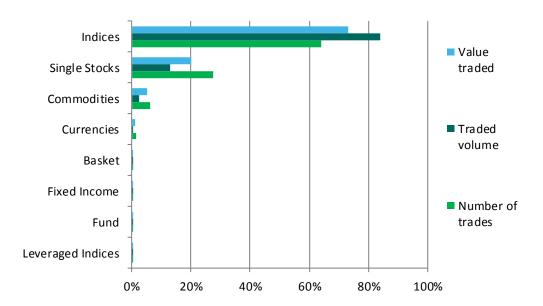


#### **Underlying types**

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

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

		Value t	raded			Traded	volume		Ν	lumber c	oftrades	
Underlying type	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market
	average	on		share	average	on		share	average	on		share
	(in M€)	month			(in M)	month				month		
Indices	29.1	-9.9%	-4.5%	73.2%	23.2	-1.2%	4.6%	83.9%	5,985	-10%	-1.6%	64.2%
Single Stocks	7.9	16%	-3.0%	20.0%	3.6	3.9%	-7.1%	13.0%	2,581	9.8%	-2.4%	27.7%
Commodities	2.1	-33%	-16%	5.2%	0.7	1.6%	-1.7%	2.4%	582	-18%	-10%	6.2%
Currencies	0.4	-29%	-30%	1.0%	0.2	-22%	-16%	0.6%	142	-28%	-19%	1.5%
Basket	0.1	4.0%	-16%	0.4%	0.0	-23%	-23%	0.0%	11	-18%	-27%	0.1%
Fixed Income	0.1	-18%	-43%	0.2%	0.0	-11%	-38%	0.1%	20	-40%	-48%	0.2%
Fund	0.0	-37%	-66%	0.0%	0.0	19%	-60%	0.0%	1	14%	-7.0%	0.0%
Leveraged Indices	0.0	-88%	-77%	0.0%	0.0	-88%	-75%	0.0%	0	-79%	-71%	0.0%
Total	39.7	-7.6%	-5.5%		28	-0.7%	2.5%		9,323	-6.6%	-2.9%	

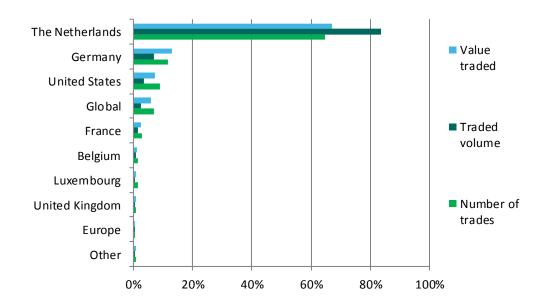


#### Top 10 underlying countries

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

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

	Value traded Daily Month vs. YTD Market					Traded	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	26.6	-8.8%	-6.6%	67.0%	23.1	-0.8%	2.6%	83.6%	6,025	-8.3%	-4.9%	64.6%
Germany	5.2	-1.3%	2.6%	13.0%	1.9	2.4%	13%	6.8%	1,098	3.0%	13%	11.8%
United States	2.9	14%	8.9%	7.3%	0.9	-1.1%	8.6%	3.4%	841	0.6%	7.7%	9.0%
Global	2.4	-31%	-17%	5.9%	0.7	1.8%	-3.4%	2.5%	629	-17%	-10%	6.7%
France	1.0	19%	1.1%	2.5%	0.4	14%	-8.9%	1.6%	276	18%	2.2%	3.0%
Belgium	0.5	21%	8.3%	1.3%	0.2	-4.6%	0.4%	0.7%	133	6.1%	-1.8%	1.4%
Luxembourg	0.4	-35%	-43%	0.9%	0.2	-39%	-44%	0.6%	137	-32%	-35%	1.5%
United Kingdom	0.3	48%	12%	0.8%	0.1	73%	20%	0.3%	74	46%	16%	0.8%
Europe	0.2	-9.1%	-9.3%	0.6%	0.1	-10%	-4.3%	0.2%	30	-25%	-11%	0.3%
Other	0.3	-17%	-27%	0.7%	0.1	-1.3%	-15%	0.3%	80	-24%	-22%	0.9%
Total	39.7	-7.6%	-5.5%		28	-0.7%	2.5%		9,323	-6.6%	-2.9%	



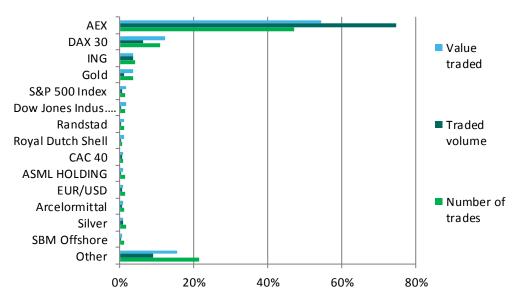
## Top 15 underlyings

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

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

		Value t	raded			Traded	volume		Ν	lumber c	oftrades	
Underlying	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market
	average	on		share	average	on		share	average	on		share
	(in M€)	month			(in M)	month				month		
AEX	21.6	-14%	-7.9%	54.3%	20.7	-2.4%	3.2%	74.7%	4,402	-15%	-6.6%	47.2%
DAX 30	4.9	0.3%	4.0%	12.3%	1.8	10%	17%	6.4%	1,012	7.0%	18%	10.9%
ING	1.4	36%	14%	3.6%	1.0	32%	18%	3.5%	381	35%	24%	4.1%
Gold	1.4	-24%	-4.0%	3.5%	0.3	2.7%	8.2%	1.1%	332	-22%	-6.0%	3.6%
S&P 500 Index	0.7	75%	57%	1.7%	0.2	9.5%	19%	0.8%	141	4.7%	27%	1.5%
Dow Jones Indus. Avg.	0.7	-3.2%	9.3%	1.7%	0.1	-33%	-0.9%	0.4%	126	-23%	-4.7%	1.4%
Randstad	0.4	111%	76%	1.1%	0.1	82%	70%	0.2%	112	107%	63%	1.2%
Royal Dutch Shell	0.4	60%	9.5%	1.1%	0.1	47%	-0.6%	0.4%	61	0.6%	-16%	0.7%
CAC 40	0.4	11%	13%	1.0%	0.2	32%	11%	0.6%	89	30%	28%	1.0%
ASML HOLDING	0.4	23%	-12%	1.0%	0.1	37%	-4.3%	0.4%	136	50%	-1.8%	1.5%
EUR/USD	0.4	-28%	-20%	0.9%	0.2	-21%	-12%	0.6%	126	-25%	-12%	1.4%
Arcelormittal	0.3	-33%	-43%	0.8%	0.2	-39%	-44%	0.6%	119	-31%	-36%	1.3%
Silver	0.3	1.0%	-27%	0.8%	0.3	12%	-4.6%	1.0%	157	-6.0%	-13%	1.7%
SBM Offshore	0.3	-19%	-14%	0.7%	0.1	-33%	-24%	0.3%	114	-25%	-14%	1.2%
Other	6.1	-3.2%	-12%	15.4%	2.5	-0.4%	-10%	9.0%	2,013	3.9%	-5.7%	21.6%
Total	39.7	-7.6%	-5.5%		28	-0.7%	2.5%		9,323	-6.6%	-2.9%	

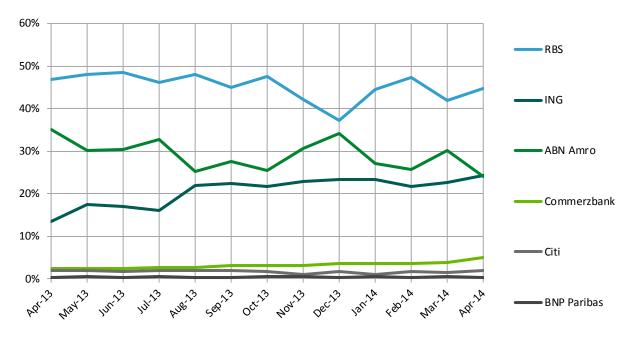




## MARKET TREND: ISSUERS

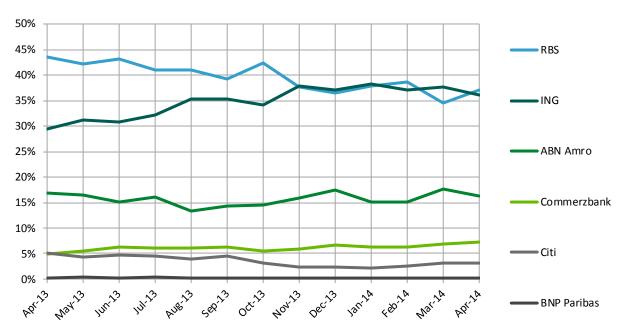
#### Value traded

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



## Number of transactions

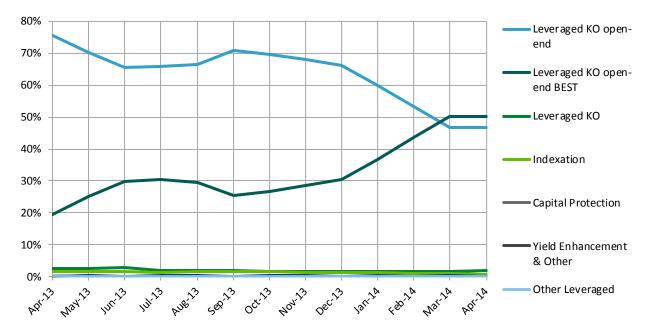
The historical graph below displays the weight of the traded volume of each issuer over the total traded volume on Euronext Amsterdam.



## MARKET TREND: PRODUCT TYPES

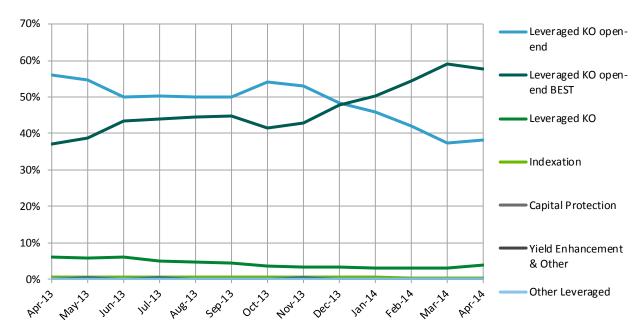
#### Value traded

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

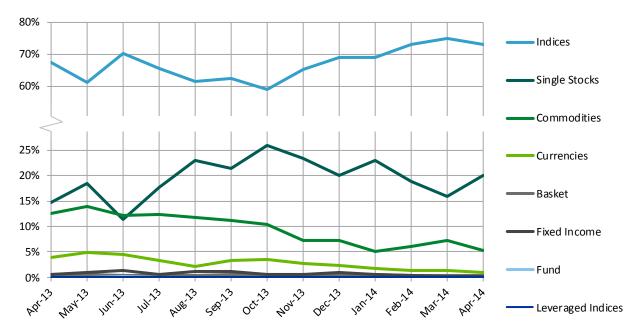
The historical graph below displays the weight of the traded volume of each product type over the total traded volume on Euronext Amsterdam.



## MARKET TREND: UNDERLYING TYPES

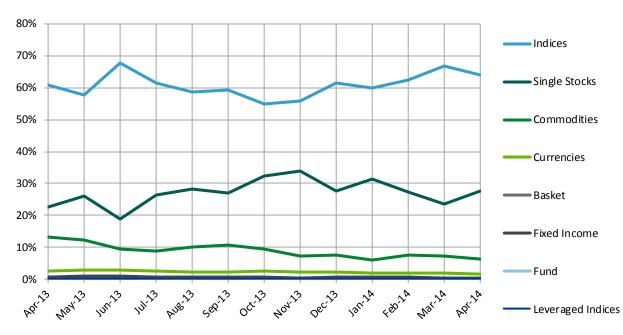
#### Value traded

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

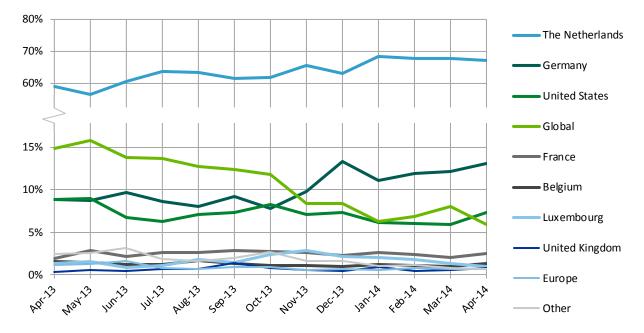
The historical graph below displays the weight of the traded volume of each underlying type over the total traded volume on Euronext Amsterdam.



## MARKET TREND: UNDERLYING COUNTRIES

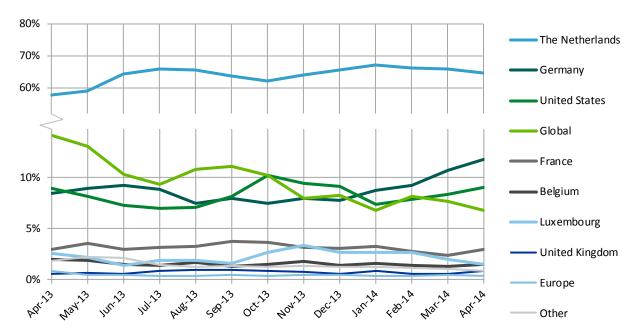
#### Value traded

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.

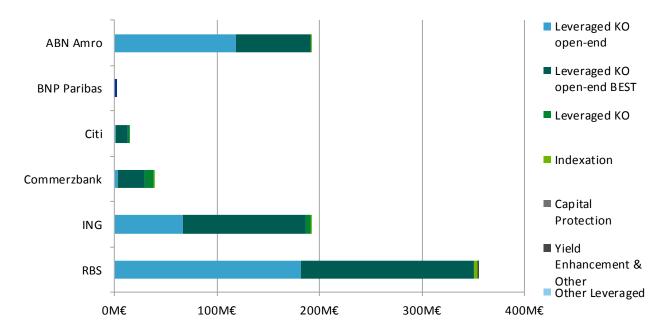


28 Market Activity Report - Warrants & Certificates - Euronext Amsterdam - April 2014

## **ISSUER ACTIVITY**

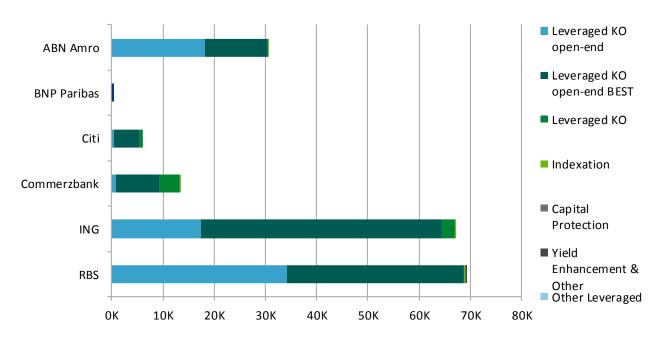
#### Value traded

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



## Number of transactions

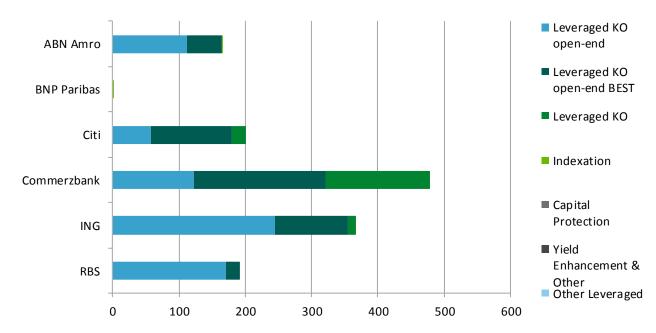
The chart below displays the number of trades per product type for each issuer active in an Euronext market.



## **ISSUER ACTIVITY: NEW LISTINGS**

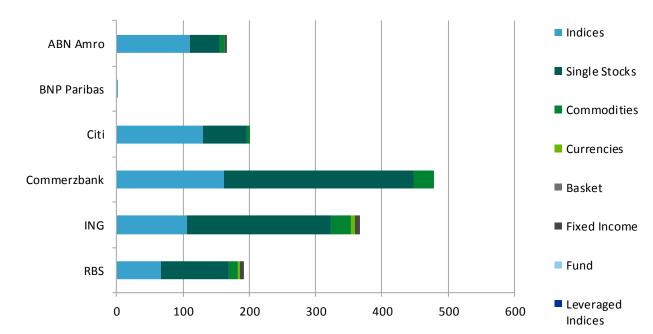
#### **Product types**

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.

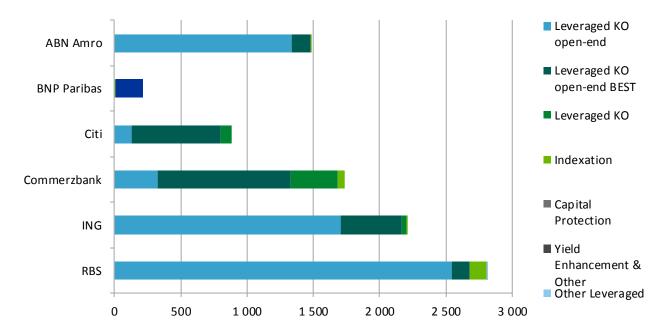


30 Market Activity Report - Warrants & Certificates - Euronext Amsterdam - April 2014

## **ISSUER ACTIVITY: PRODUCT RANGE**

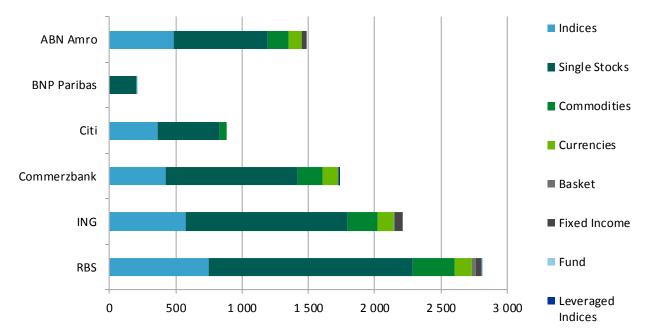
#### **Product types**

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 Amsterdam - April 2014 31

## Top 50 traded products

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

Trading	ISIN Code	Product type	lssuer	Name	Number of	Value traded
symbol	ISIN COUC	i foddet type	133461	Name	trades	
C749N	NL0010654562	Leveraged KO open-end BEST	RBS	AEX 390.6BL OPENN	4,980	(in K€ 30,30€
C022N	NL0010605689	Leveraged KO open-end BEST	RBS	AEX 330.00E OF LINK	3,992	16,365
C849N	NL0010655569	Leveraged KO open-end BEST	RBS	AEX 41363 OPENN	2,044	13,633
C824N	NL0010655312	Leveraged KO open-end BEST	RBS	AEX 401.6BS OPENN	1,389	12,696
G786A	NL0010507588	Leveraged KO open-end BEST	ABN Amro		994	12,090
C735N		Leveraged KO open-end	RBS	AEX 414.5TRSOPENA	1,315	9,819
C732N	NL0010654422 NL0010654398	<b>e</b> .	RBS	AEX 390TL OPENN		9,81
B970N		Leveraged KO open-end BEST		AEX 388.6BL OPENN	1,508	
	NL0010524328	Leveraged KO open-end	RBS	AEX 376TL OPENN	586	8,498 8,08
C783N	NL0010654901	Leveraged KO open-end BEST	RBS	AEX 398.3BL OPENN	1,887	-
H492A	NL0010705687	Leveraged KO open-end BEST	ABN Amro	AEX 385.TRLOPENA	263	7,65
H606A	NL0010706826	Leveraged KO open-end BEST	ABN Amro	AEX 396.TRLOPENA	514	7,55
G761A	NL0010507331	Leveraged KO open-end	ABN Amro	AEX 377.3TL OPENA	499	7,459
C770N	NL0010654778	Leveraged KO open-end BEST	RBS	AEX 396.4BL OPENN	1,474	7,24
P522G	NL0010597282	Leveraged KO open-end BEST	ING	AEX 411.6TS OPENG	2,885	6,88
H573A	NL0010706495	Leveraged KO open-end BEST	ABN Amro	AEX 390.TRLOPENA	1,515	6,45
G358A	NL0010503306	Leveraged KO open-end	ABN Amro	AEX 375TL OPENA	279	5,63
C036N	NL0010605820	Leveraged KO open-end	RBS	AEX 412TS OPENN	930	5,62
B631N	NL0010520938	Leveraged KO open-end	RBS	SP500 2250TS OPENN	134	5,42
C023N	NL0010605697	Leveraged KO open-end BEST	RBS	AEX 418BS OPENN	775	4,72
S497G	NL0010689600	Leveraged KO open-end BEST	ING	AEX 390.7TL OPENG	2,609	4,67
C698N	NL0010654059	Leveraged KO open-end BEST	RBS	AEX 384.5BL OPENN	1,523	4,50
B991N	NL0010605390	Leveraged KO open-end	RBS	AEX 379TL OPENN	505	4,40
C376N	NL0010609228	Leveraged KO open-end BEST	RBS	AEX 378.7BL OPENN	473	4,39
C024N	NL0010605705	Leveraged KO open-end BEST	RBS	AEX 421BS OPENN	832	4,17
Q117G	NL0010602231	Leveraged KO open-end BEST	ING	DAX 9785TS OPENG	572	4,17
G805A	NL0010507778	Leveraged KO open-end BEST	ABN Amro	DAX 9815TRSOPENA	1,094	3,99
F148A	NL0010491171	Leveraged KO open-end	ABN Amro	AEX 420TS OPENA	628	3,93
C017N	NL0010605630	Leveraged KO open-end	RBS	ING 9.3TL OPENN	758	3,86
B322N	NL0010517843	Leveraged KO open-end	RBS	AEX 418TS OPENN	591	3,84
C829N	NL0010655361	Leveraged KO open-end	RBS	AEX 401TS OPENN	716	3,78
J235G	NL0010459533	Leveraged KO open-end	ING	AEX 437SPSOPENG	403	3,58
S528G	NL0010689915	Leveraged KO open-end BEST	ING	DAX 9369TL OPENG	579	3,43
C772N	NL0010654794	Leveraged KO open-end	RBS	AEX 399TL OPENN	413	3,23
C663N	NL0010653705	Leveraged KO open-end	RBS	AEX 385TL OPENN	485	3,23
C736N	NL0010654430	Leveraged KO open-end	RBS	AEX 393TL OPENN	424	3,18
C519N	NL0010652269	Leveraged KO open-end	RBS	SHELL 25.2TL OPENN	146	3,16
H497A	NL0010705737	Leveraged KO open-end BEST	ABN Amro	DAX 9142TRLOPENA	395	3,16
G493A	NL0010504650	Leveraged KO open-end	ABN Amro	AEX 416TS OPENA	448	3,05
S931G	NL0010693941	Leveraged KO open-end BEST	ING	DAX 9506TS OPENG	158	3,03
G359A	NL0010503314	Leveraged KO open-end	ABN Amro	AEX 374TL OPENA	213	3,02
P347G	NL0010595534	Leveraged KO open-end BEST	ING	ING 9.04TL OPENG	977	3,01
C025N	NL0010605713	Leveraged KO open-end BEST	RBS	AEX 426BS OPENN	189	2,99
H658A	NL0010707345	Leveraged KO open-end BEST	ABN Amro	AEX 401.9TRSOPENA	603	2,90
G829A	NL0010508016	Leveraged KO open-end	ABN Amro	AEX 378.3TL OPENA	178	2,82
C750N	NL0010654570	Leveraged KO open-end BEST	RBS	AEX 392.6BL OPENN	972	2,67
G487A	NL0010504593	Leveraged KO open-end	ABN Amro	AEX 430TS OPENA	196	2,62
C697N	NL0010654042	Leveraged KO open-end BEST	RBS	AEX 382BL OPENN	391	2,59
T189G	NL0010695524	Leveraged KO open-end BEST	ING	DAX 9335TL OPENG	580	2,56
C769N	NL0010654760	Leveraged KO open-end BEST	RBS	AEX 394.5BL OPENN	555	2,50
C700N	NL0010654075	Leveraged KO open-end	RBS	AEX 387TL OPENN	405	2,45
Source: Eu						, .0



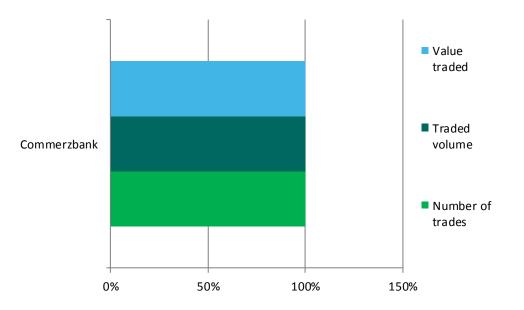
# **Euronext Brussels**

#### 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	126.6	-15%	-19%	100.0%	151.9	6.0%	-7.1%	100.0%	48	4.2%	2.9%	100.0%
Total	126.6	-15%	-19%		151.9	6.0%	-7.1%		48	4.2%	2.9%	

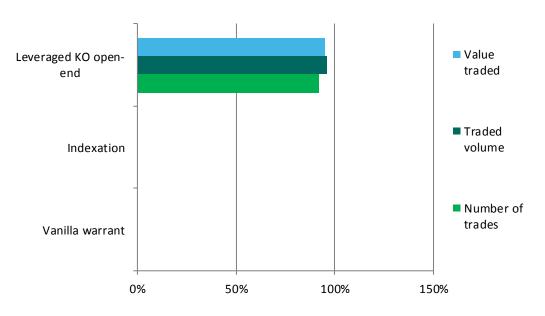


#### **Product types**

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	100.3	-15%	-16%	94.8%	123.2	0.3%	-12%	95.9%	32	6.2%	-0.8%	92.1%
Indexation	5.5	-32%	-30%	5.2%	5.3	29%	12%	4.1%	3	-22%	-17%	7.9%
Vanilla warrant												
Total	105.8	-16%	-17%		128.5	1.3%	-11%		35	3.2%	-2.3%	

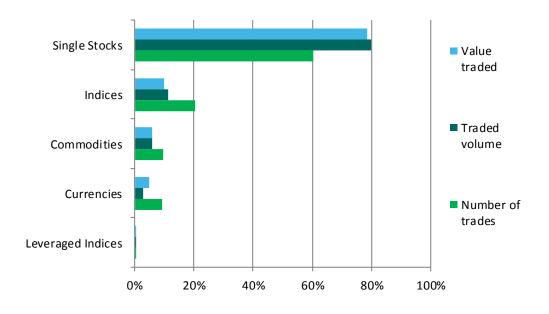


#### **Underlying types**

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		
Single Stocks	99.7	-15%	-6.8%	78.7%	121.4	0.9%	-11%	80.0%	29	2.5%	0.5%	60.4%
Indices	12.8	-25%	-65%	10.1%	17.0	41%	-5.9%	11.2%	10	20%	-6.7%	20.5%
Commodities	7.6	8.2%	34%	6.0%	9.0	41%	51%	5.9%	5	15%	37%	9.6%
Currencies	6.4	-19%	0.4%	5.0%	4.3	-3.8%	41%	2.8%	4	-18%	17%	9.3%
Leveraged Indices	0.2	105%	110%	0.2%	0.2	ND	283%	0.1%	0	5.0%	3.8%	0.1%
Total	126.6	-15%	-19%		151.9	6.0%	-7.1%		48	4.2%	2.9%	

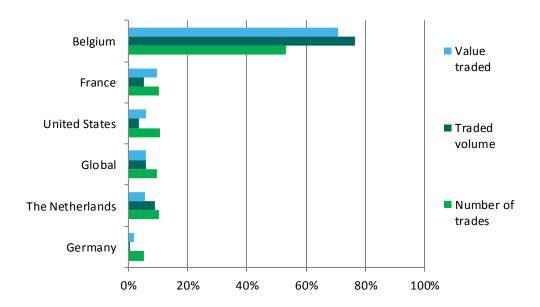


#### Top 10 underlying countries

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	volume		Ν	lumber c	oftrades	
Underlying country	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market
	average	on		share	average	on		share	average	on		share
	(in K€)	month			(in K)	month				month		
Belgium	89.5	-22%	-18%	70.7%	116.2	2.2%	-8.5%	76.5%	25	-9.4%	-10%	53.3%
France	12.2	20%	0.8%	9.6%	7.8	-39%	-54%	5.1%	5	167%	53%	10.4%
United States	7.6	-16%	-2.8%	6.0%	5.2	-0.8%	16%	3.4%	5	-20%	9.9%	10.8%
Global	7.6	8.2%	33%	6.0%	9.0	41%	50%	5.9%	5	15%	35%	9.6%
The Netherlands	7.2	8.5%	30%	5.7%	13.3	192%	108%	8.8%	5	49%	62%	10.4%
Germany	2.4	97%	-84%	1.9%	0.3	46%	-89%	0.2%	3	73%	-22%	5.3%
Other	0.2	-59%	-58%	0.2%	0.2	-63%	-43%	0.1%	0	-83%	-78%	0.2%
Total	126.6	-15%	-19%		151.9	6.0%	-7%		48	4.2%	3%	



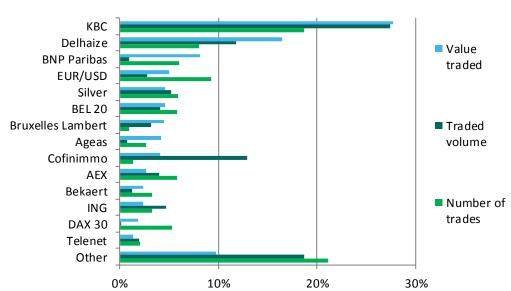
## Top 15 underlyings

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 traded					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		
КВС	35.1	1.2%	9.4%	27.7%	41.7	-5.3%	3.7%	27.4%	9	-13%	12%	18.7%
Delhaize	20.9	97%	52%	16.5%	17.9	112%	53%	11.8%	4	26%	13%	8.1%
BNP Paribas	10.4	169%	73%	8.2%	1.5	274%	106%	1.0%	3	368%	156%	6.1%
EUR/USD	6.4	-19%	0.4%	5.0%	4.3	-3.8%	41%	2.8%	4	-18%	17%	9.3%
Silver	5.9	176%	89%	4.6%	7.9	439%	136%	5.2%	3	130%	73%	6.0%
BEL 20	5.9	-37%	-65%	4.6%	6.2	1.7%	-34%	4.1%	3	-11%	-28%	5.9%
Bruxelles Lambert	5.7	-72%	-55%	4.5%	4.9	-80%	-65%	3.2%	0	-72%	-53%	0.9%
Ageas	5.3	-80%	-62%	4.2%	1.1	-79%	-60%	0.7%	1	-26%	-19%	2.7%
Cofinimmo	5.2	ND	131%	4.1%	19.7	ND	116%	13.0%	1	ND	17%	1.4%
AEX	3.4	-38%	-12%	2.7%	6.1	83%	101%	4.0%	3	5.0%	43%	5.9%
Bekaert	3.0	-27%	0.9%	2.4%	1.9	-80%	-78%	1.2%	2	-41%	-18%	3.2%
ING	3.0	308%	173%	2.4%	7.1	665%	138%	4.7%	2	307%	134%	3.2%
DAX 30	2.4	97%	-84%	1.9%	0.3	46%	-89%	0.2%	3	73%	-22%	5.3%
Telenet	1.7	49%	-50%	1.4%	2.9	145%	-35%	1.9%	1	24%	-14%	2.1%
Other	12.4	-40%	-45%	9.8%	28.5	-17%	-40%	18.8%	10	-4.9%	-19%	21.2%
Total	126.6	-15%	-19%		151.9	6.0%	-7.1%		48	4.2%	2.9%	

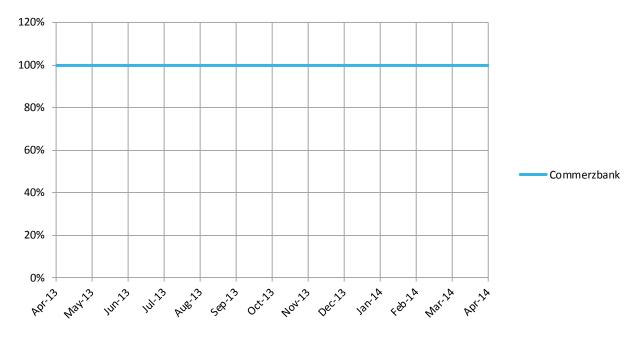




## MARKET TREND: ISSUERS

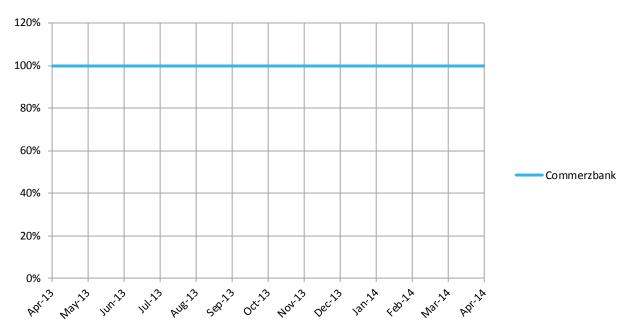
#### Value traded

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



## Number of transactions

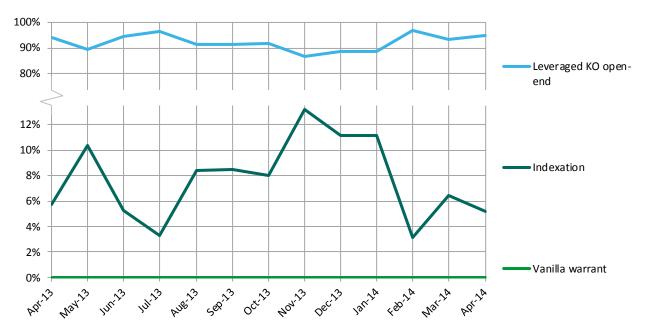
The historical graph below displays the weight of the traded volume of each issuer over the total traded volume on Euronext Brussels.



# MARKET TREND: PRODUCT TYPES

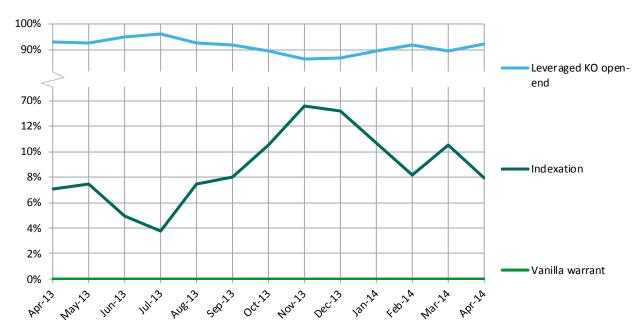
#### Value traded

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

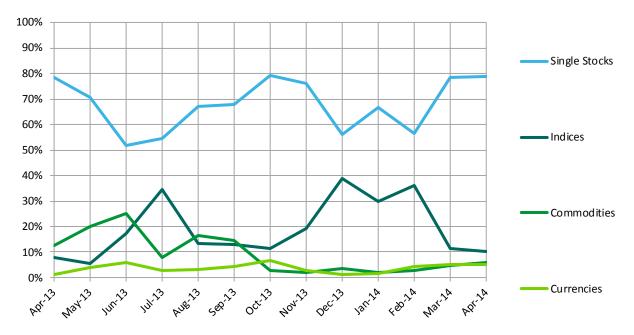
The historical graph below displays the weight of the traded volume of each product type over the total traded volume on Euronext Brussels.



## MARKET TREND: UNDERLYING TYPES

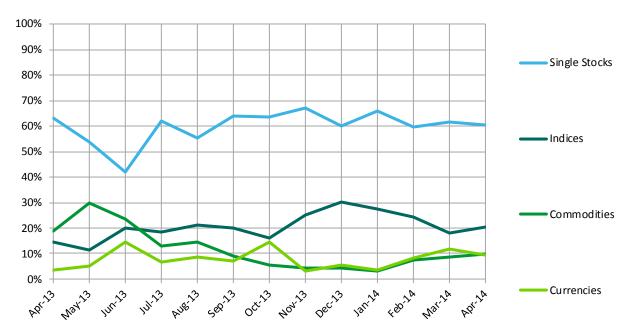
#### Value traded

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.

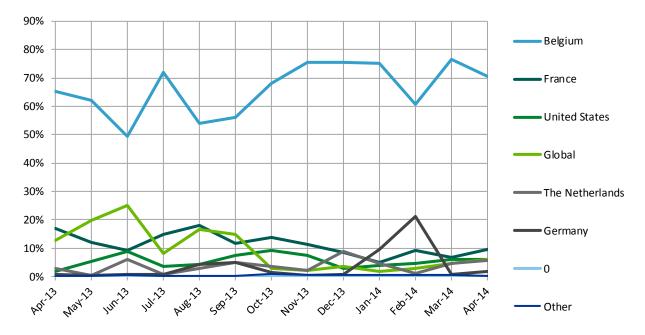


Market Activity Report - Warrants & Certificates - Euronext Brussels - April 2014 41

# MARKET TREND: UNDERLYING COUNTRIES

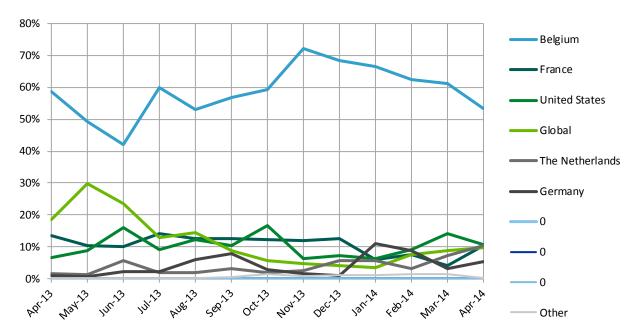
#### Value traded

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

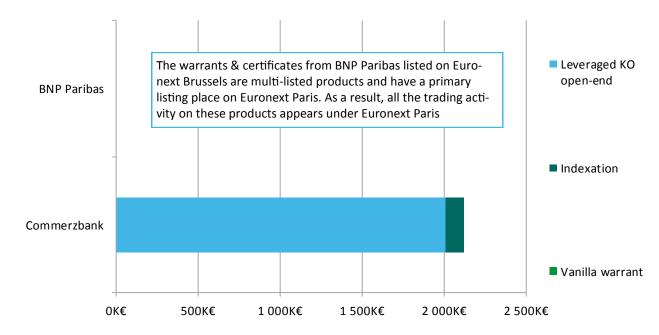
The historical graph below displays the weight of the traded volume of each underlying country of origin over the total traded volume on Euronext Brussels.



# **ISSUER ACTIVITY**

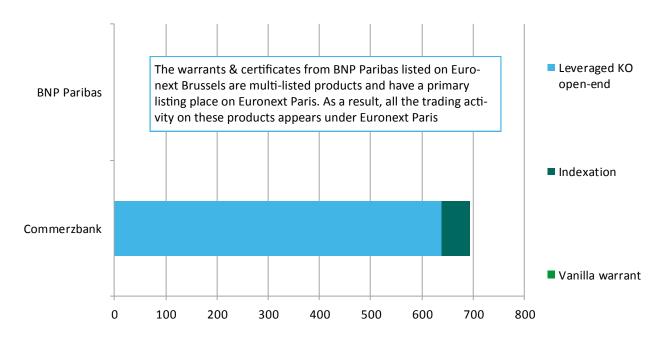
#### Value traded

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.

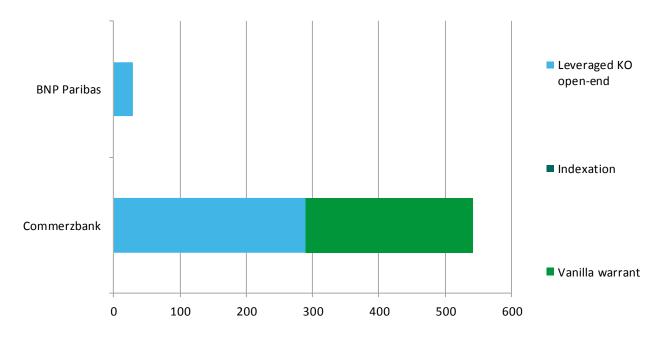


Market Activity Report - Warrants & Certificates - Euronext Brussels - April 2014 43

# **ISSUER ACTIVITY: NEW LISTINGS**

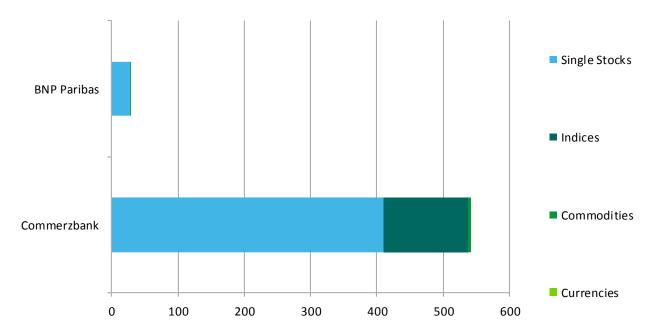
#### **Product types**

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.

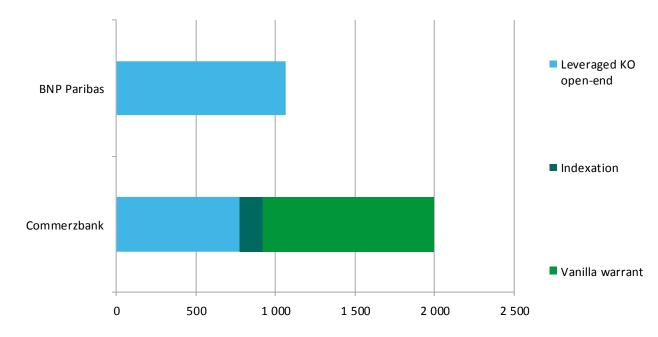


44 Market Activity Report - Warrants & Certificates - Euronext Brussels - April 2014

# ISSUER ACTIVITY: PRODUCT RANGE

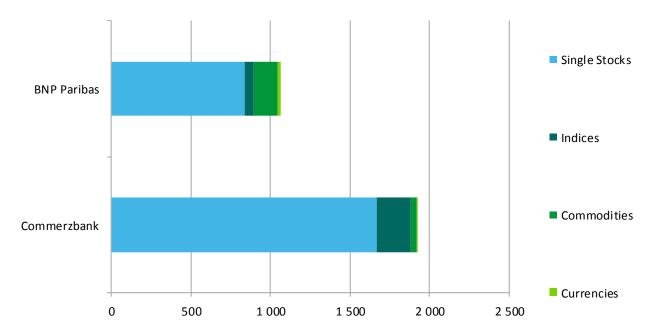
#### **Product types**

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 - April 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	lssuer	Name	Number of trades	Value traded (in K€)
11D6Z	DE000CM8MZF5	Leveraged KO open-end	Commerzbank	KBC 34TCIOPENZ	26	243
54K5Z	DE000CM8NGN7	Leveraged KO open-end	Commerzbank	DELHA41.74TCIOPENZ	20	226
79H4Z	DE000CM8NDK0	Leveraged KO open-end	Commerzbank	KBC 38TCIOPENZ	48	218
55K5Z	DE000CM8NGP2	Leveraged KO open-end	Commerzbank	DELHA43.83TCIOPENZ	43	112
64K5Z	DE000CM8NGX6	Leveraged KO open-end	Commerzbank	KBC 40.28TCIOPENZ	37	109
38X2Z	DE000CM8MSQ7	Leveraged KO open-end BEST	Commerzbank	SILVE 18TL OPENZ	50	107
93J1Z	DE000CM8LVX9	Leveraged KO open-end	Commerzbank	COFIN 80TL OPENZ	10	102
82L4Z	DE000CM8NJG5	Leveraged KO open-end BEST	Commerzbank	EUUSD 1.41TS OPENZ	61	91
87D5Z	DE000CM8MYT9	Leveraged KO open-end	Commerzbank	BNP 48TCIOPENZ	22	87
64A5Z	DE000CM8MVR9	Leveraged KO open-end	Commerzbank	AGEAS 28TCIOPENZ	17	85
87P6Z	DE000CM8NLQ0	Leveraged KO open-end	Commerzbank	GBL 66.8TCIOPENZ	5	84
67E5Z	DE000CM8NAQ3	Leveraged KO open-end	Commerzbank	BNP 50TCIOPENZ	8	76
38E5Z	DE000CM8MZX8	Leveraged KO open-end BEST	Commerzbank	BEL20 3250TS OPENZ	18	64
M697Z	DE000CB55XG2	Pure indexation	Commerzbank	BEKRT FACOPENZ	27	58
78E5Z	DE000CM8NBA5	Leveraged KO open-end	Commerzbank	KBC 36TCIOPENZ	29	55
86U1Z	DE000CM8MLL3	Leveraged KO open-end	Commerzbank	DELHA 40TL OPENZ	3	43
76H4Z	DE000CM8NDG8	Leveraged KO open-end	Commerzbank	ING 8.8TCIOPENZ	6	36
81E5Z	DE000CM8NBC1	Leveraged KO open-end	Commerzbank	KBC 47TPIOPENZ	17	31
99D5Z	DE000CM8MZE8	Leveraged KO open-end	Commerzbank	KBC 32TCIOPENZ	7	28
78J4Z	DE000CM8NFU4	Leveraged KO open-end	Commerzbank	TELEN39.17TCIOPENZ	, 10	24
73P6Z	DE000CM8NLB2	Leveraged KO open-end	Commerzbank	BLCOM23.44TPIOPENZ	23	23
86P6Z	DE000CM8NLP2	Leveraged KO open-end	Commerzbank	DELHA59.74TPIOPENZ	23	19
74J4Z	DE000CM8NFQ2	Leveraged KO open-end	Commerzbank	ING 9.24TCIOPENZ	10	19
36E5Z	DE000CM8NPQ2 DE000CM8MZV2	Leveraged KO open-end BEST	Commerzbank	BEL20 2700TL OPENZ	9	10
74E5Z	DE000CM8NAW1	Leveraged KO open-end	Commerzbank	GBL 62TCIOPENZ	2	17
	DE000CB74SX8	Pure indexation			2	17
DE5CZ			Commerzbank	DELHA ACCOPENZ	3	17
53K6Z	DE000CM8NHR6	Leveraged KO open-end	Commerzbank	AEX 426TS OPENZ	3 4	15
91H4Z	DE000CM8NDV7	Leveraged KO open-end	Commerzbank	UCBS 48TCIOPENZ		
63K6Z	DE000CM8NJA8	Leveraged KO open-end	Commerzbank	DAX 10430TS OPENZ	10	14
18T4Z	DE000CM8NQW7	Leveraged KO open-end BEST	Commerzbank	AEX 401TS OPENZ	14	14
76A5Z	DE000CM8MWC9	Leveraged KO open-end	Commerzbank	COLRT 37TCIOPENZ	7	14
61V3Z	DE000CM8MPP5	Leveraged KO open-end	Commerzbank	AGEAS 26TCIOPENZ	6	13
16R4Z	DE000CM8NNS2	Leveraged KO open-end	Commerzbank	BNP 59.49TPIOPENZ	3	13
71K5Z	DE000CM8NHD6	Leveraged KO open-end	Commerzbank	NYRST 2.32TCIOPENZ	3	11
81A5Z	DE000CM8MWG0	Leveraged KO open-end	Commerzbank	GDF 14.8TCIOPENZ	2	11
59Q5Z	DE000CM8NMZ9	Leveraged KO open-end BEST	Commerzbank	GOLD 1252TL OPENZ	14	10
28Q5Z	DE000CM8NMP0	Leveraged KO open-end BEST	Commerzbank	EUUSD 1.35TL OPENZ	5	10
86D5Z	DE000CM8MYS1	Leveraged KO open-end	Commerzbank	BNP 45TCIOPENZ	9	10
65A5Z	DE000CM8MVS7	Leveraged KO open-end	Commerzbank	APPLE 395TCIOPENZ	5	10
16Q5Z	DE000CM8NMM7	Leveraged KO open-end BEST	Commerzbank	BEL20 2895TL OPENZ	7	10
92M1Z	DE000CM8LZR2	Leveraged KO open-end	Commerzbank	BRENT 100TL OPENZ	4	9
35Q5Z	DE000CM8NMV8	Leveraged KO open-end BEST	Commerzbank	EUUSD 1.5TS OPENZ	7	9
14H6Z	DE000CM8NEN2	Leveraged KO open-end	Commerzbank	DAX 10250TS OPENZ	13	9
45E5Z	DE000CM8NAD1	Leveraged KO open-end BEST	Commerzbank	EUUSD 1.31TL OPENZ	4	9
86A5Z	DE000CM8MWM8	Leveraged KO open-end	Commerzbank	MBSTR 8.9TCIOPENZ	3	8
73J4Z	DE000CM8NFP4	Leveraged KO open-end	Commerzbank	BNP 52.47TCIOPENZ	5	8
97S6Z	DE000CM8NQL0	Leveraged KO open-end BEST	Commerzbank	AEX 395TL OPENZ	5	8
91J3Z	DE000CM8LWZ2	Leveraged KO open-end	Commerzbank	GBL 52TL OPENZ	1	8
46K5Z	DE000CM8NGF3	Leveraged KO open-end	Commerzbank	AGEAS29.45TCIOPENZ	3	8
67K5Z	DE000CM8NHA2	Leveraged KO open-end	Commerzbank	KBC 50.58TPIOPENZ	7	7



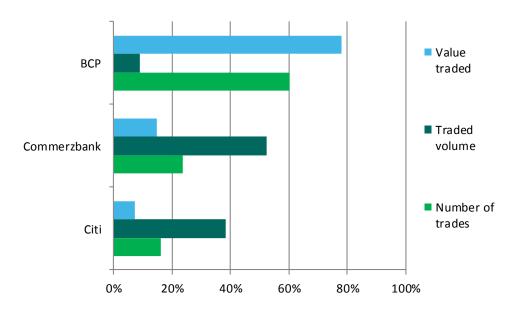
# **Euronext Lisbon**

#### 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	3,371.2	18%	8.1%	77.9%	146.9	29%	9.2%	9.1%	532	15%	-2.1%	60.4%
Commerzbank	637.0	5.1%	2.4%	14.7%	848.6	-20%	-16%	52.5%	207	-16%	-6.4%	23.6%
Citi	318.3	9.0%	14%	7.4%	621.2	48%	25%	38.4%	141	23%	8.4%	16.0%
Total	4,326.5	15%	7.6%		1,616.7	1.4%	-1.2%		881	6.7%	-1.7%	

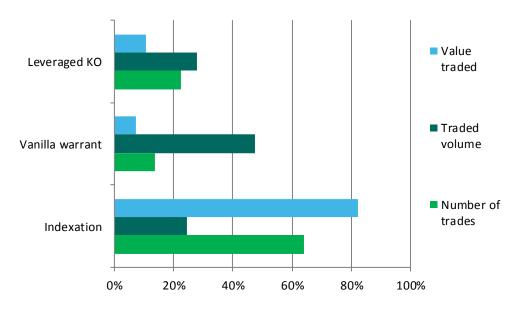


#### **Product types**

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

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

		Value traded				Traded	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	455.7	7.0%	4.1%	10.5%	449.8	-21%	-25%	27.9%	196	-12%	-9.9%	22.3%	
Vanilla warrant	311.1	3.9%	15%	7.2%	767.7	15%	18%	47.5%	121	14%	20%	13.8%	
Indexation	3,558.0	17%	7.6%	82.3%	397.5	13%	4.3%	24.6%	561	14%	-2.4%	63.9%	
Total	4,324.8	15%	7.7%		1,614.9	1.7%	-1.1%		879	6.8%	-1.7%		

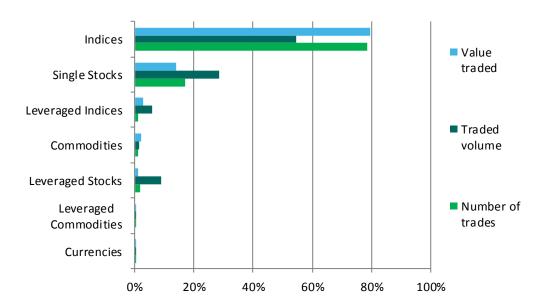


#### **Underlying types**

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

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

	Value traded					Traded	volume		Ν	lumber c	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	3,447.2	12%	6.5%	79.7%	883.2	-13%	-9.5%	54.6%	690	4.3%	-3.6%	78.4%
Single Stocks	600.5	30%	15%	13.9%	459.8	43%	18%	28.4%	151	21%	9.4%	17.1%
Leveraged Indices	120.1	18%	7.1%	2.8%	96.4	105%	59%	6.0%	11	-15%	22%	1.3%
Commodities	92.0	66%	35%	2.1%	22.9	77%	19%	1.4%	10	62%	20%	1.1%
Leveraged Stocks	54.8	30%	-13%	1.3%	145.4	-4.7%	-15%	9.0%	16	7.8%	-22%	1.8%
Leveraged Commodities	11.2	-28%	-9.6%	0.3%	8.5	-75%	-40%	0.5%	2	-17%	16%	0.3%
Currencies	0.0	-98%	-99%	0.0%	0.3	-93%	-94%	0.0%	0	-92%	-95%	0.0%
Total	4,325.7	15%	7.7%		1,616.5	1.6%	-1.2%		881	6.9%	-1.6%	

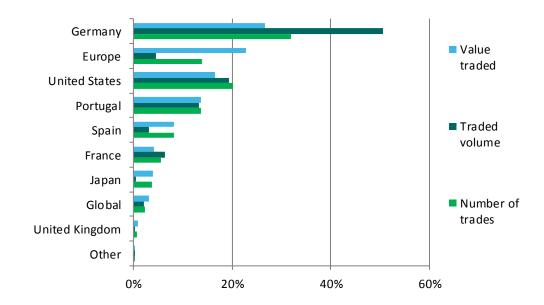


#### Top 10 underlying countries

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	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		
Germany	1,156.7	3.1%	7.6%	26.7%	817.2	-8.8%	0.9%	50.5%	281	-8.7%	-3.8%	31.9%
Europe	982.5	28%	21%	22.7%	73.7	22%	12%	4.6%	123	24%	3.9%	13.9%
United States	715.2	6.4%	-2.5%	16.5%	313.6	20%	12%	19.4%	177	16%	1.3%	20.1%
Portugal	594.5	32%	16%	13.7%	213.6	3.7%	-13%	13.2%	121	19%	3.8%	13.8%
Spain	352.3	27%	7.9%	8.1%	51.2	-21%	-45%	3.2%	72	12%	-2.3%	8.2%
France	176.8	19%	9.0%	4.1%	102.9	148%	32%	6.4%	48	25%	11%	5.5%
Japan	169.6	-3.7%	-20%	3.9%	7.5	-20%	-68%	0.5%	33	-16%	-31%	3.7%
Global	139.2	39%	8.6%	3.2%	35.7	-31%	-9.9%	2.2%	20	19%	-5.3%	2.2%
United Kingdom	34.8	-7.5%	-28%	0.8%	0.5	-7.0%	-27%	0.0%	6	-1.8%	-27%	0.7%
Other	5.0	-29%	-31%	0.1%	0.8	-62%	-43%	0.0%	1	-24%	-42%	0.1%
Total	4,326.5	15%	7.6%		1,616.7	1.4%	-1.2%		881	6.7%	-1.7%	

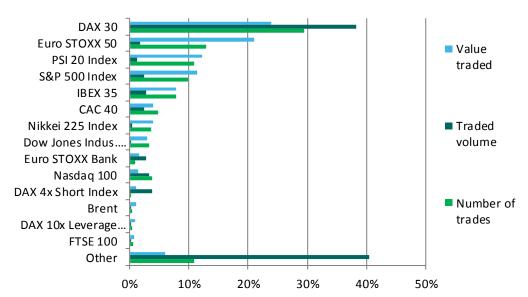


## Top 15 underlyings

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.

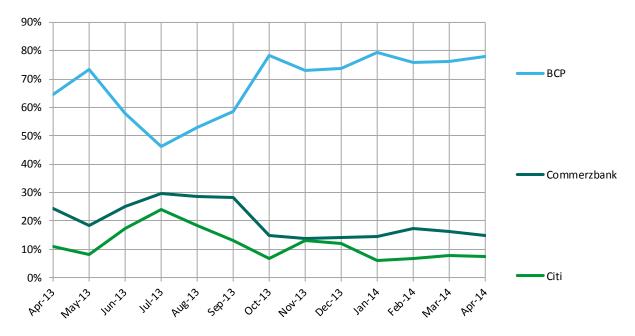
	Value traded					Traded	volume		Ν	lumber o	oftrades	
Underlying	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market
	average	on		share	average	on		share	average	on		share
	(in K€)	month			(in K)	month				month		
DAX 30	1,034.2	2.7%	8.9%	23.9%	618.1	-15%	-4.6%	38.2%	259	-7.8%	-3.8%	29.5%
Euro STOXX 50	908.1	28%	22%	21.0%	29.5	16%	17%	1.8%	113	22%	3.1%	12.8%
PSI 20 Index	532.3	33%	19%	12.3%	19.1	40%	6.4%	1.2%	96	24%	11%	10.9%
S&P 500 Index	491.0	20%	3.2%	11.3%	38.0	-7.2%	-6.3%	2.4%	87	18%	-3.1%	9.9%
IBEX 35	341.5	26%	8.0%	7.9%	44.2	36%	-43%	2.7%	70	15%	0.2%	7.9%
CAC 40	170.5	18%	11%	3.9%	39.7	51%	77%	2.5%	43	22%	10%	4.8%
Nikkei 225 Index	169.6	-3.7%	-20%	3.9%	7.5	-20%	-68%	0.5%	33	-16%	-31%	3.7%
Dow Jones Indus. Avg.	124.8	-17%	-12%	2.9%	4.8	-85%	-80%	0.3%	30	-0.4%	-13%	3.4%
Euro STOXX Bank	69.0	31%	13%	1.6%	43.8	28%	9.8%	2.7%	8	67%	16%	0.9%
Nasdaq 100	58.1	-27%	-19%	1.3%	52.3	-41%	-23%	3.2%	33	5.2%	6.7%	3.8%
DAX 4x Short Index	48.4	179%	134%	1.1%	60.0	207%	141%	3.7%	0	35%	70%	0.1%
Brent	47.7	294%	110%	1.1%	3.8	298%	110%	0.2%	4	223%	81%	0.5%
DAX 10x Leverage Index	37.6	-36%	-43%	0.9%	1.0	-29%	-33%	0.1%	3	-43%	-25%	0.3%
FTSE 100	34.8	-7.5%	-28%	0.8%	0.5	-7.0%	-27%	0.0%	6	-1.8%	-27%	0.7%
Other	259.1	11%	-9.9%	6.0%	654.3	21%	5.4%	40.5%	95	10%	-2.8%	10.8%
Total	4,326.5	15%	7.6%		1,616.7	1.4%	-1.2%		881	6.7%	-1.7%	



## MARKET TREND: ISSUERS

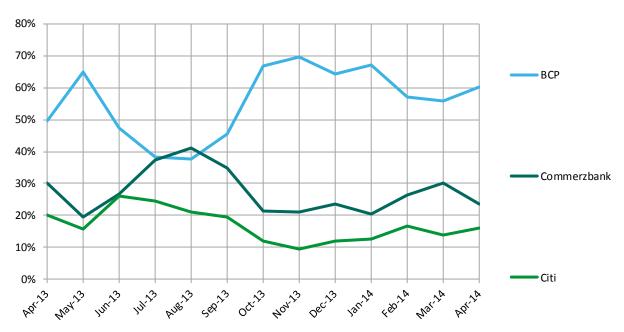
#### Value traded

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

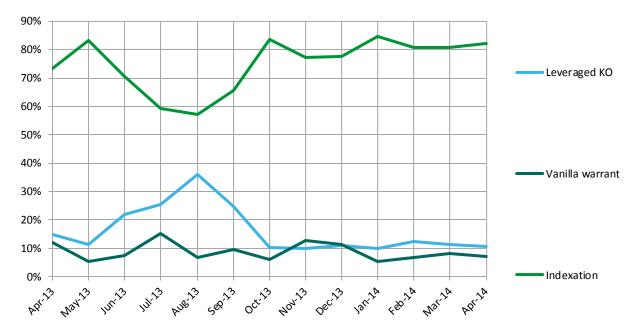
The historical graph below displays the weight of the traded volume of each issuer over the total traded volume on Euronext Lisbon.



## MARKET TREND: PRODUCT TYPES

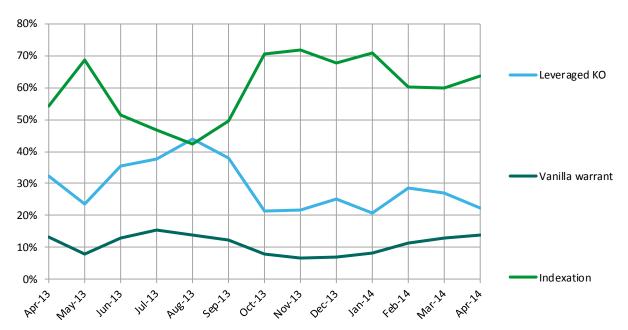
#### Value traded

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

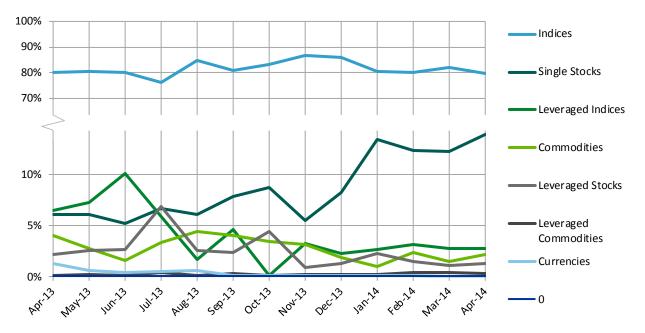
The historical graph below displays the weight of the traded volume of each product type over the total traded volume on Euronext Lisbon.



# MARKET TREND: UNDERLYING TYPES

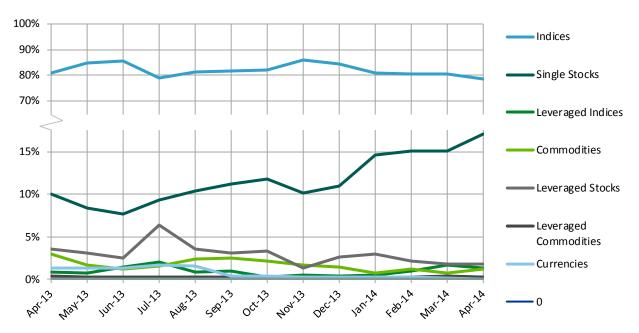
#### Value traded

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

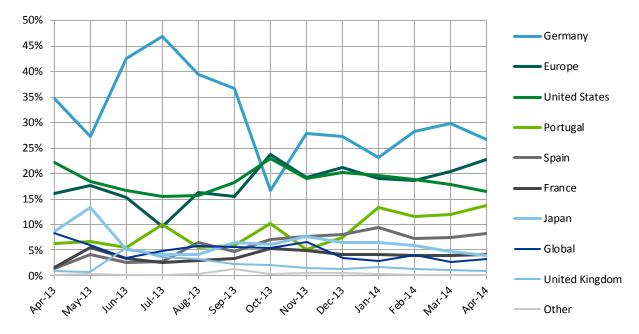
The historical graph below displays the weight of the traded volume of each underlying type over the total traded volume on Euronext Lisbon.



# MARKET TREND: UNDERLYING COUNTRIES

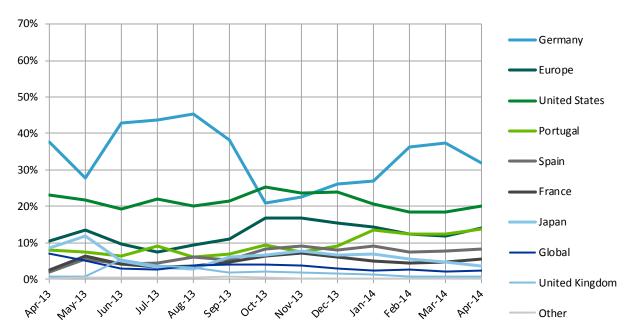
#### Value traded

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

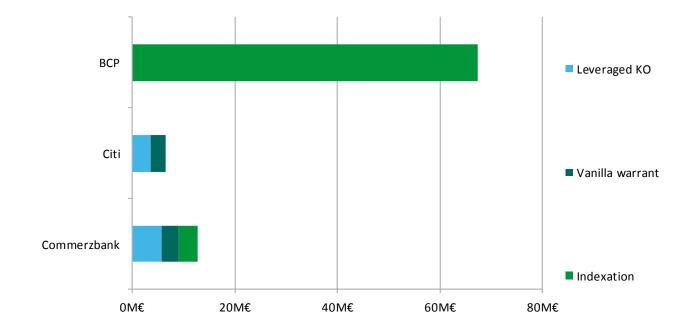
The historical graph below displays the weight of the traded volume of each underlying country of origin over the total traded volume on Euronext Lisbon.



# **ISSUER ACTIVITY**

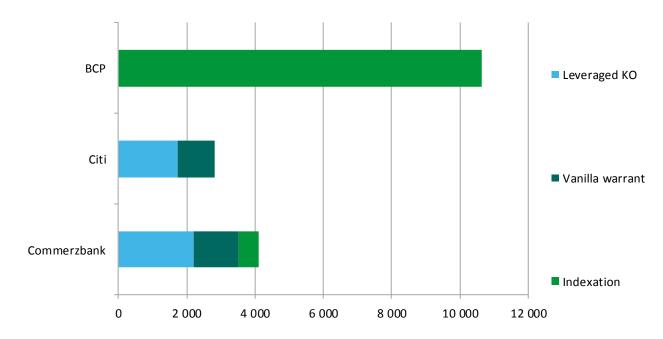
#### Value traded

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



## Number of transactions

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

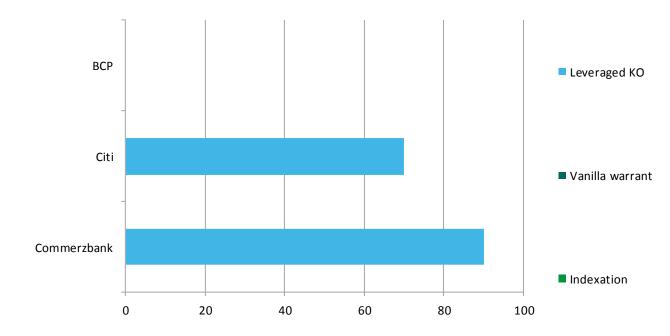


Market Activity Report - Warrants & Certificates - Euronext Lisbon - April 2014 57

# **ISSUER ACTIVITY: NEW LISTINGS**

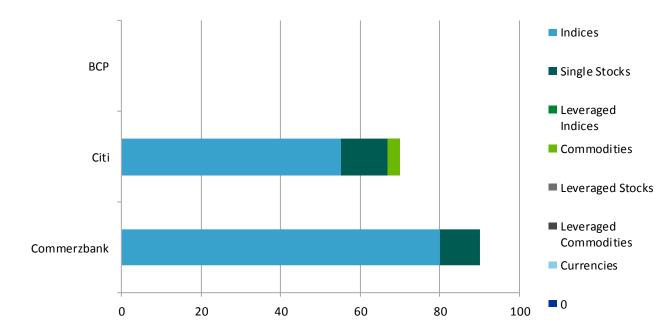
#### **Product types**

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



## **Underlying types**

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

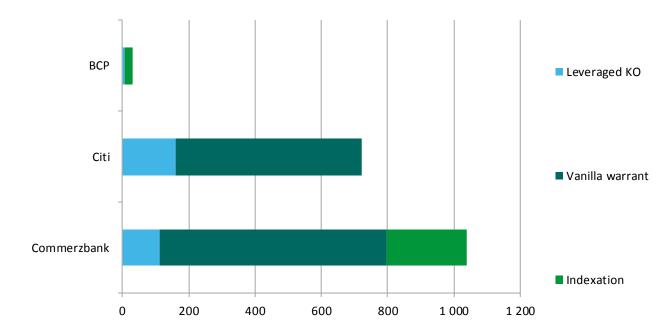


58 Market Activity Report - Warrants & Certificates - Euronext Lisbon - April 2014

# **ISSUER ACTIVITY: PRODUCT RANGE**

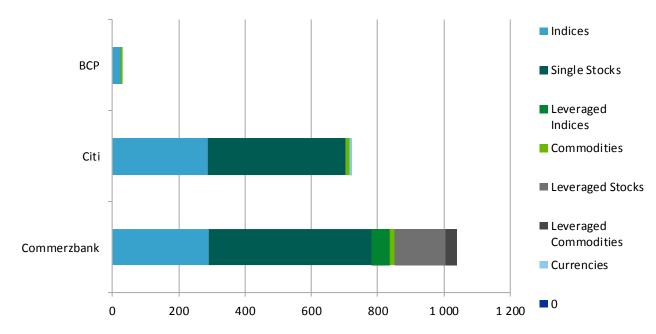
#### **Product types**

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.



# **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		Decident terms	leaves	Nome	Number of	Value
symbol	ISIN Code	Product type	lssuer	Name	trades	traded
1025P	PTBIVRYE0068	Pure indexation	ВСР	ESTX PI OPENP	2 251	(in K€)
1023P 1028P	PTBIVIYE0068	Pure indexation	ВСР	PSI 2 PI OPENP	2,251	18,145 10,512
1028P 1029P		Pure indexation	ВСР		1,828	9,650
	PTBITAYE0046				1,625	
1027P	PTBITEYE0034	Pure indexation	BCP	DAX PI OPENP	1,169	7,968
1023P	PTBIXRYE0025	Pure indexation	BCP	IBEX PI OPENP	1,077	6,548
1032P	PTBCS1YE0010	Pure indexation	BCP	NIKEI PI OPENP	610	3,338
1040P	PTBIWKYE0023	Pure indexation	BCP	CAC40 PI OPENP	748	3,296
1026P	PTBIYZYE0040	Pure indexation	BCP	DJIND PI OPENP	583	2,464
5347Z	DE000CB1WS59	Leveraged KO	Commerzbank	DAX 10000TS 0614Z	86	2,085
1043P	PTBCLOYE0028	Pure indexation	BCP	ESTBK PI OPENP	159	1,379
DAXQZ	DE000CZ28JM5	Pure indexation	Commerzbank	DAXQZ ACCOPENZ	9	967
1039P	PTBIZJYE0064	Pure indexation	BCP	BRENT PI OPENP	86	953
5228Z	DE000CB1WNP7	Vanilla warrant	Commerzbank	DAX 9600P 1214Z	18	829
9630C	DE000CF03EF5	Vanilla warrant	Citi	DAX 9300C 0614C	22	752
DAX0Z	DE000CZ4V6D9	Pure indexation	Commerzbank	DAX FACOPENZ	59	751
5951Z	DE000CB1WTQ2	Leveraged KO	Commerzbank	DAX 9000TL0614Z	90	728
1024P	PTBIXQYE0026	Pure indexation	BCP	FTSE PI OPENP	116	695
1050P	PTBIWBYE0057	Pure indexation	BCP	NASDQ PI OPENP	102	681
1033P	PTBCTFYE0013	Pure indexation	BCP	MSCIE PI OPENP	129	644
E178C	DE000CF79MT9	Leveraged KO	Citi	DAX 9150TL0614C	210	478
1047P	PTBIWWYE0052	Pure indexation	BCP	GOLDF PI OPENP	35	432
D336C	DE000CF03ZZ8	Leveraged KO	Citi	DAX 9725TS0614C	129	398
D796C	DE000CF79DH3	Leveraged KO	Citi	DAX 9800TS 0614C	72	395
V077Z	DE000CB1WTT6	Leveraged KO	Commerzbank	DAX 9200TL0614Z	110	384
1048P	PTBIWXYE0051	Pure indexation	BCP	SILVE PI OPENP	34	360
9896C	DE000CF03N11	Vanilla warrant	Citi	DAX 9300P 0614C	88	359
DAXXZ	DE000CZ4V6F4	Pure indexation	Commerzbank	DAX FACOPENZ	103	347
5342Z	DE000CB1WS00	Leveraged KO	Commerzbank	DAX 9750TS 0614Z	180	346
V186Z	DE000CB1XBH7	Leveraged KO	Commerzbank	DAX 9650TS 0614Z	140	279
9873C	DE000CF03MC5	Vanilla warrant	Citi	DAX 9900C 0614C	172	217
V080Z	DE000CB1WTW0	Leveraged KO	Commerzbank	DAX 9350TL 0614Z	72	206
IBX4Z	DE000CZ28PY7	Pure indexation	Commerzbank	IBXL4 FACOPENZ	28	197
W770Z	DE000CZ4WFJ2	Vanilla warrant	Commerzbank	DAX 9500P 0614Z	27	194
D366C	DE000CF790V4	Vanilla warrant	Citi	DAX 9500C 1214C	9	187
W707Z	DE000CZ4WEM9	Vanilla warrant	Commerzbank	DAX 9600C 0614Z	11	174
W417Z	DE000CK5EGB9	Pure indexation	Commerzbank	BES3L FACOPENZ	26	162
D337C	DE000CF79006	Leveraged KO	Citi	DAX 9750TS 0614C	90	159
5221Z	DE000CB1WNG6	Vanilla warrant	Commerzbank	DAX 9500C 1214Z	7	159
OUR4Z	DE000CZ28MU2	Pure indexation	Commerzbank	OUR4Z ACCOPENZ	20	140
V188Z	DE000CB1XBK1	Leveraged KO	Commerzbank	DAX 9700TS 0614Z	85	129
W711Z	DE000CZ4WER8	-	Commerzbank	DAX 97001300142 DAX 10000C 0614Z	50	129
		Vanilla warrant				
BCP2Z	DE000CZ28FG5 DE000CB1WTR0	Pure indexation	Commerzbank Commerzbank	BCP2Z ACCOPENZ	23	127
5952Z		Leveraged KO		DAX 9025TL 0614Z	34	118
PTC3Z	DE000CZ28GP4	Pure indexation	Commerzbank	PTC3Z ACCOPENZ	25	118
E159C	DE000CF79M86	Leveraged KO	Citi	DAX 9100TL 0614C	61	115
D357C	DE000CF790L5	Vanilla warrant	Citi	DAX 9800C 0914C	15	112
W717Z	DE000CZ4WEX6	Vanilla warrant	Commerzbank	DAX 8800P 0614Z	30	108
E177C	DE000CF79MS1	Leveraged KO	Citi	DAX 9125TL 0614C	23	104
5343Z	DE000CB1WS18	Leveraged KO	Commerzbank	DAX 9800TS 0614Z	91	103
5345Z	DE000CB1WS34 uronext)	Leveraged KO	Commerzbank	DAX 9900TS 0614Z	49	99



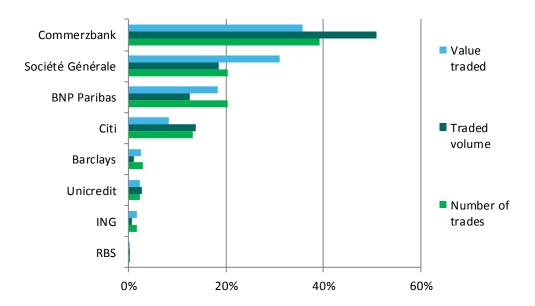
# **Euronext Paris**

#### 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		N	lumber c	oftrades	
Issuer	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market
	average	on		share	average	on		share	average	on		share
	(in M€)	month			(in M)	month				month		
Commerzbank	7.7	-6.2%	-1.8%	35.8%	20.2	15%	23%	50.9%	2,625	-7.7%	-3.1%	39.2%
Société Générale	6.7	-11%	3.0%	31.1%	7.4	-0.7%	13%	18.6%	1,364	-3.2%	8.0%	20.4%
BNP Paribas	3.9	-4.3%	5.3%	18.3%	5.0	-1.4%	-0.9%	12.6%	1,369	-3.2%	4.7%	20.4%
Citi	1.8	-13%	-9.8%	8.2%	5.4	-0.1%	4.3%	13.7%	876	-2.6%	-7.2%	13.1%
Barclays	0.5	7.7%	11%	2.4%	0.4	-8.8%	-3.1%	1.0%	191	-8.0%	-0.5%	2.9%
Unicredit	0.5	0.4%	4.3%	2.2%	1.0	50%	-5.1%	2.6%	159	32%	5.6%	2.4%
ING	0.4	136%	56%	1.7%	0.2	269%	81%	0.6%	105	3.7%	-8.8%	1.6%
RBS	0.0	-23%	-4.6%	0.1%	0.0	-77%	-65%	0.0%	7	-40%	-26%	0.1%
Total	21.5	-6.7%	1.2%		39.7	8.2%	14%		6,694	-4.5%	0.1%	

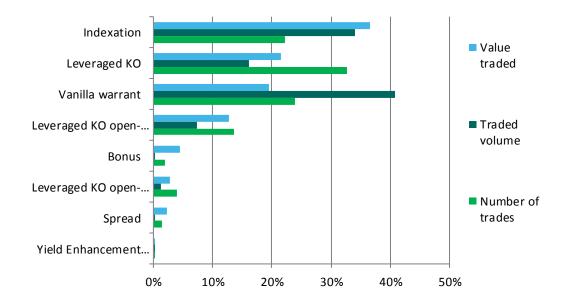


#### **Product types**

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 traded				Traded	olume		Number of trades			
Product type	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market
	average	on		share	average	on		share	average	on		share
	(in M€)	month			(in M)	month				month		
Indexation	7.8	-13%	-0.1%	36.6%	13.5	39%	54%	34.1%	1,488	-12%	-0.6%	22.2%
Leveraged KO	4.6	-7.1%	3.1%	21.6%	6.4	-1.3%	2.4%	16.2%	2,188	-1.8%	1.5%	32.7%
Vanilla warrant	4.2	-5.2%	-3.4%	19.6%	16.2	-3.6%	-1.0%	40.9%	1,602	-2.2%	-1.6%	23.9%
Leveraged KO open-end	2.7	7.2%	3.8%	12.7%	2.9	-6.7%	-3.6%	7.3%	909	-5.5%	-5.0%	13.6%
Bonus	1.0	-4.4%	1.0%	4.4%	0.1	12%	11%	0.2%	133	8.7%	3.6%	2.0%
Leveraged KO open-end BEST	0.6	21%	40%	2.8%	0.5	26%	41%	1.3%	269	4.6%	28%	4.0%
Spread	0.5	-3.4%	-0.4%	2.2%	0.0	166%	60%	0.0%	100	-12%	-8.4%	1.5%
Yield Enhancement & Other	0.0	61%	-10%	0.1%	0.0	65%	-14%	0.0%	5	155%	27%	0.1%
Total	21.5	-6.7%	1.2%		40	8.2%	14%		6,694	-4.5%	0.1%	

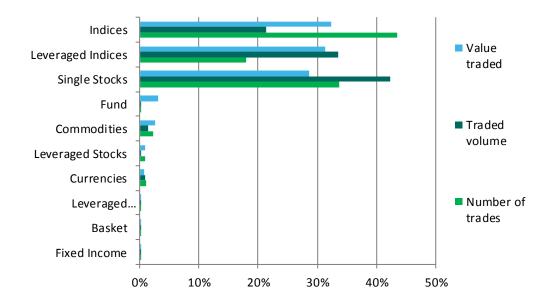


#### **Underlying types**

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		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	6.9	-5.1%	2.9%	32.3%	8.5	-7.3%	1.0%	21.4%	2,915	-3.3%	3.8%	43.5%
Leveraged Indices	6.7	-16%	-1.6%	31.4%	13.3	39%	54%	33.6%	1,199	-16%	-5.1%	17.9%
Single Stocks	6.2	3.9%	-2.4%	28.7%	16.8	2.1%	0.2%	42.3%	2,255	3.9%	-1.2%	33.7%
Fund	0.7	4.0%	66%	3.1%	0.1	3.6%	66%	0.2%	10	-41%	-28%	0.2%
Commodities	0.5	-15%	10%	2.6%	0.6	-34%	-9.9%	1.5%	152	-18%	-4.2%	2.3%
Leveraged Stocks	0.2	21%	23%	0.8%	0.0	-25%	-48%	0.0%	66	19%	26%	1.0%
Currencies	0.2	-13%	-3.0%	0.7%	0.4	-16%	10%	0.9%	76	-28%	-5.4%	1.1%
Leveraged Commodities	0.0	-16%	-19%	0.2%	0.0	-26%	-11%	0.1%	17	-25%	-24%	0.3%
Basket	0.0	223%	20%	0.1%	0.0	370%	37%	0.0%	1	44%	-6.8%	0.0%
Fixed Income	0.0	-72%	-77%	0.0%	0.0	-65%	-66%	0.0%	3	-40%	-41%	0.0%
Total	21.5	-6.7%	1.2%		40	8.2%	14%		6,694	-4.5%	0.1%	

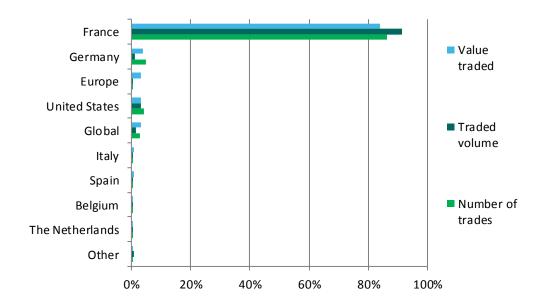


#### Top 10 underlying countries

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	17.9	-7.8%	-1.4%	83.9%	36.3	11%	15%	91.4%	5,780	-5.0%	-1.1%	86.4%
Germany	0.8	9.9%	38%	3.8%	0.5	-22%	16%	1.3%	316	38%	41%	4.7%
Europe	0.7	4.9%	62%	3.3%	0.1	16%	71%	0.2%	18	-36%	-23%	0.3%
United States	0.7	-18%	-13%	3.3%	1.3	0.8%	8.9%	3.4%	286	-13%	1.1%	4.3%
Global	0.7	-12%	7.0%	3.1%	0.7	-33%	-9.1%	1.6%	180	-16%	-5.1%	2.7%
Italy	0.2	31%	1.8%	1.0%	0.0	-19%	-24%	0.1%	28	6.5%	9.7%	0.4%
Spain	0.1	12%	52%	0.7%	0.0	82%	48%	0.1%	9	106%	33%	0.1%
Belgium	0.1	94%	57%	0.5%	0.2	-7.2%	7.0%	0.6%	24	23%	20%	0.4%
The Netherlands	0.1	14%	9.5%	0.3%	0.2	129%	90%	0.6%	23	-6.9%	-5.1%	0.3%
Other	0.1	-56%	-53%	0.2%	0.3	-43%	-35%	0.7%	28	-34%	-44%	0.4%
Total	21.4	-7.0%	1.0%		40	8.2%	14%		6,693	-4.5%	0.1%	

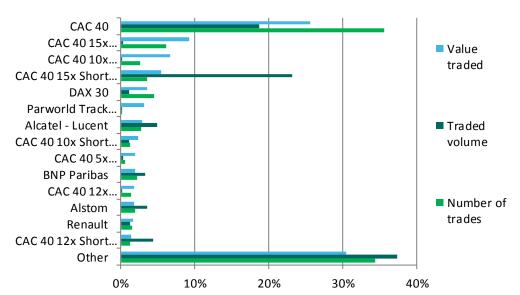


## Top 15 underlyings

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

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

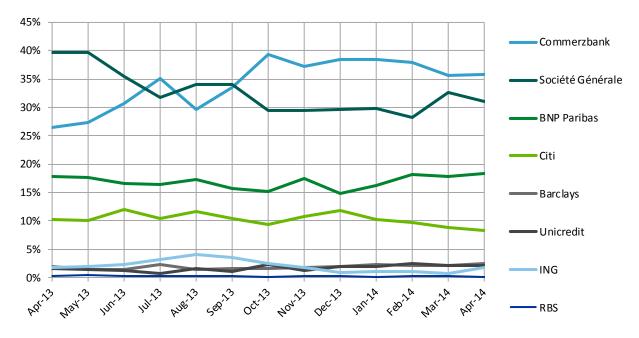
	Value traded			Traded volume				Number of trades				
Underlying	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market
	average	on		share	average	on		share	average	on		share
	(in M€)	month			(in M)	month				month		
CAC 40	5.5	-8.8%	-0.3%	25.6%	7.4	-6.8%	-0.2%	18.7%	2,385	-7.6%	-0.4%	35.6%
CAC 40 15x Leveraged Index	2.0	-2.9%	5.4%	9.3%	0.1	-28%	-15%	0.3%	408	-18%	-2.9%	6.1%
CAC 40 10x Leveraged Index	1.4	-39%	-15%	6.6%	0.1	-50%	-26%	0.2%	172	-28%	-12%	2.6%
CAC 40 15x Short Index	1.2	32%	37%	5.4%	9.2	81%	92%	23.2%	238	3.3%	8.3%	3.6%
DAX 30	0.8	22%	46%	3.6%	0.4	-25%	21%	1.1%	303	42%	45%	4.5%
Parworld Track Continental Europ	0.7	3.9%	66%	3.1%	0.1	3.5%	66%	0.2%	10	-42%	-28%	0.2%
Alcatel - Lucent	0.6	41%	25%	2.9%	2.0	25%	24%	5.0%	181	39%	26%	2.7%
CAC 40 10x Short Index	0.5	-24%	-0.9%	2.4%	0.5	-25%	-22%	1.2%	89	-3.2%	6.4%	1.3%
CAC 40 5x Leveraged Index	0.4	-22%	-4.6%	2.0%	0.1	-32%	-15%	0.3%	37	-21%	-7.8%	0.6%
BNP Paribas	0.4	2.0%	-12%	1.9%	1.3	-2.6%	6.8%	3.3%	151	20%	13%	2.3%
CAC 40 12x Leveraged Index	0.4	-20%	-17%	1.9%	0.0	-28%	-26%	0.0%	91	-24%	-19%	1.4%
Alstom	0.4	93%	35%	1.8%	1.4	26%	-0.2%	3.5%	132	12%	-5.6%	2.0%
Renault	0.3	57%	38%	1.6%	0.5	12%	11%	1.2%	106	23%	20%	1.6%
CAC 40 12x Short Index	0.3	-19%	-13%	1.5%	1.8	13%	31%	4.4%	89	-13%	-17%	1.3%
Other	6.6	-7.3%	-7.0%	30.5%	14.8	-6.3%	-2.9%	37.4%	2,301	-4.5%	-3.6%	34.4%
Total	21.5	-6.7%	1.2%		40	8.2%	14%		6,694	-4.5%	0.1%	



## MARKET TREND: ISSUERS

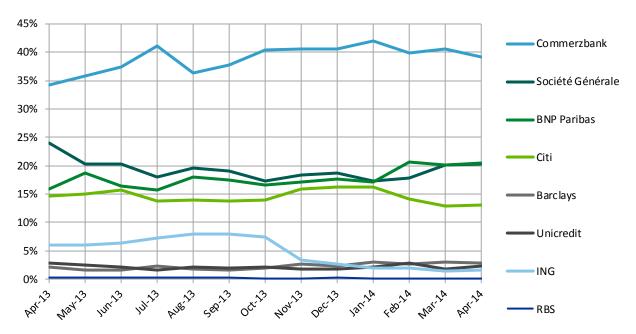
#### Value traded

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

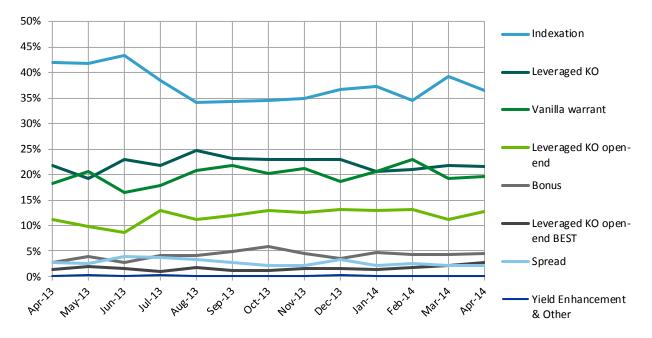
The historical graph below displays the weight of the traded volume of each issuer over the total traded volume on Euronext Paris.



# MARKET TREND: PRODUCT TYPES

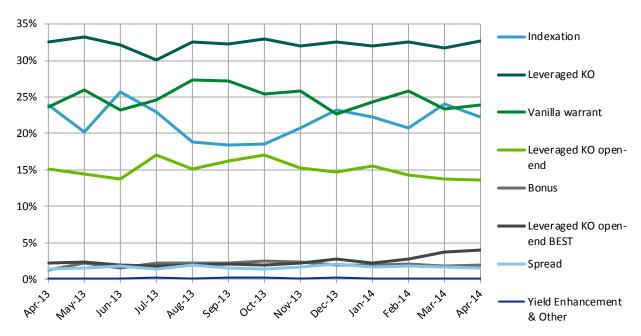
#### Value traded

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

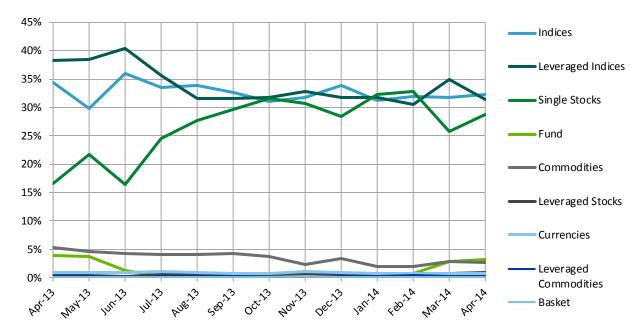
The historical graph below displays the weight of the traded volume of each product type over the total traded volume on Euronext Paris.



## MARKET TREND: UNDERLYING TYPES

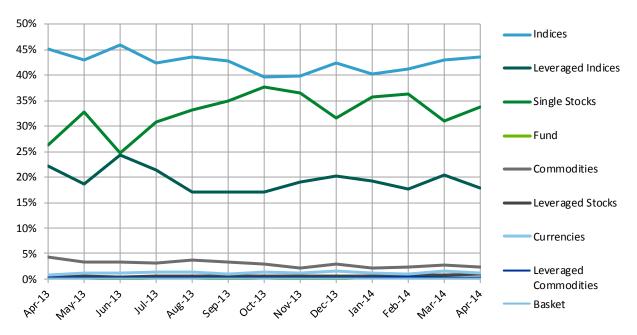
#### Value traded

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

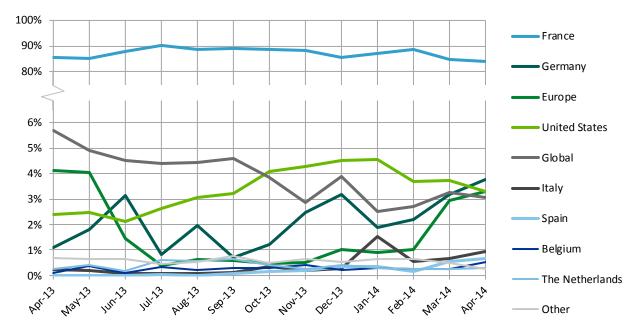
The historical graph below displays the weight of the traded volume of each underlying type over the total traded volume on Euronext Paris.



# MARKET TREND: UNDERLYING COUNTRIES

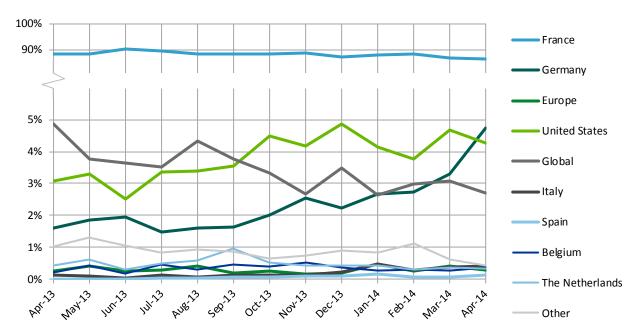
#### Value traded

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

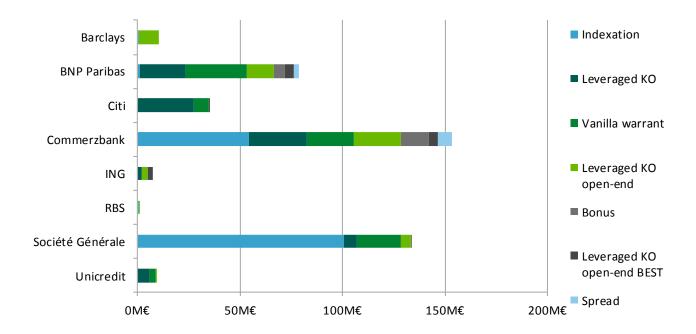
The historical graph below displays the weight of the traded volume of each underlying country of origin over the total traded volume on Euronext Paris.



# **ISSUER ACTIVITY**

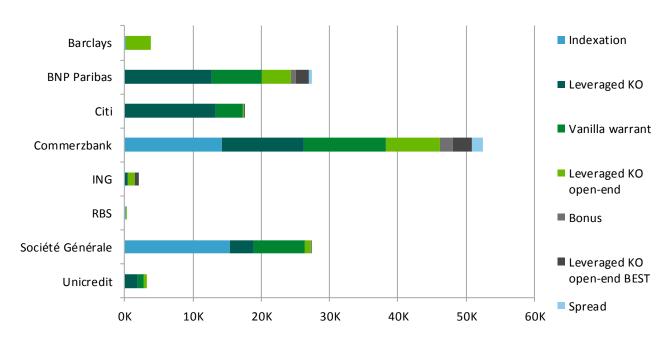
#### Value traded

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.

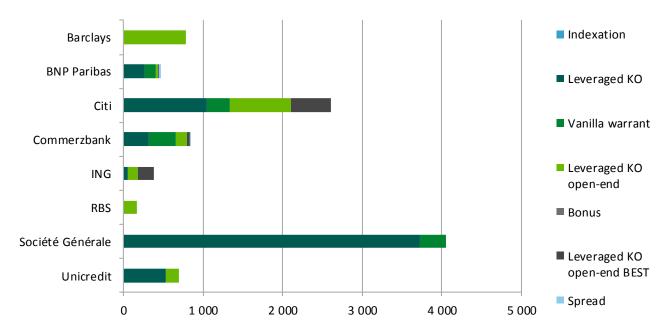


Market Activity Report - Warrants & Certificates - Euronext Paris - April 2014 71

# **ISSUER ACTIVITY: NEW LISTINGS**

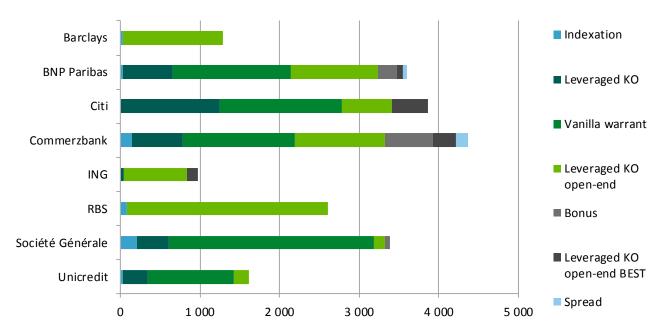
## **Product types**

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.

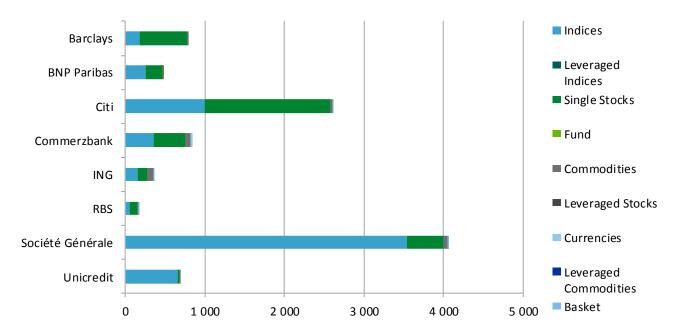


72 Market Activity Report - Warrants & Certificates - Euronext Paris - April 2014

# ISSUER ACTIVITY: PRODUCT RANGE

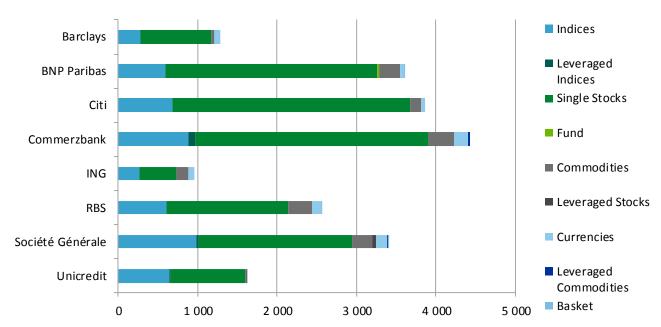
#### **Product types**

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



## **Underlying types**

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



# **TOP 50 TRADED PRODUCTS**

## Top 50 traded products

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

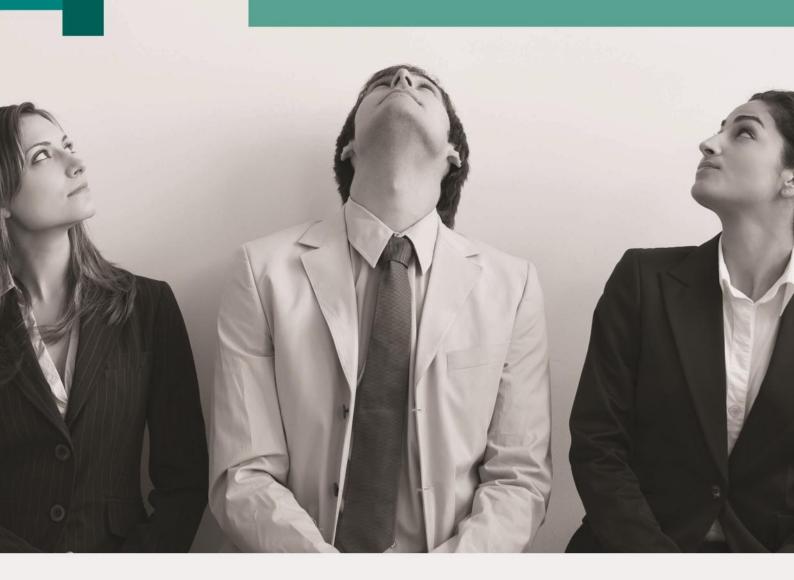
Trading	ISIN Code	Product type	lssuer	Name	Number of	Value traded
symbol					trades	(in K€)
6998S	FR0011214527	Pure indexation	Société Générale	CAC10 PI OPENS	3,100	27,284
LV15Z	DE000CZ5L7J5	Pure indexation	Commerzbank	LV15Z PI OPENZ	6,189	24,679
CL152	FR0011654441	Pure indexation	Société Générale	.CA15 PI OPENS	1,980	15,076
W135B	NL0010568309	Vanilla warrant	BNP Paribas	PWLDT96.65C 0424B	1,580	12,279
CS15S	FR0011654458	Pure indexation	Société Générale	.CA15 PI OPENS	2,566	11,897
SH15Z	DE000CZ5L7K3	Pure indexation	Commerzbank	SH15Z PLOPENZ	2,201	11,293
CS10S	FR0011451087	Pure indexation	Société Générale	CA10S PLOPENS	1,786	10,149
77315	FR0010961078	Pure indexation	Société Générale	CAC5L PLOPENS	735	8,323
CL12S	FR0011488303	Pure indexation	Société Générale	CA12L PLOPENS	906	5,374
SR15Z	DE000CZ8VJG3	Pure indexation	Commerzbank	CAC40 PLOPENS	2,402	4,716
CS12S	FR0011488329	Pure indexation	Société Générale	CA12S PLOPENS	1,286	4,710
ML10Z	DE000CZ8VJH1	Pure indexation	Commerzbank	FTMIB PLOPENZ	301	3,374
LV12Z		Pure indexation	Commerzbank		908	2,624
5C45Z	DE000CK9RD98			CAC40 PI OPENZ DAX 9800TS 0614Z	908 987	2,624 2,426
	DE000CB6N196	Leveraged KO	Commerzbank			
SH12Z	DE000CK9RDA2	Pure indexation	Commerzbank	CAC40 PLOPENZ	497	2,224
6996S	FR0011214519	Pure indexation	Société Générale	CAC5S PI OPENS	108	2,159
2324Z	DE000CZ8X938	Leveraged KO	Commerzbank	CAC40 4500TS 0614Z	331	1,948
5G25Z	DE000CB6Q447	Leveraged KO	Commerzbank	CAC40 4550TS 0914Z	16	1,901
8T66Z	DE000CK9PMD1	Pure indexation	Commerzbank	L5IBE PI OPENZ	19	1,859
7734S	FR0010961102	Pure indexation	Société Générale	CAC5S PI OPENS	362	1,677
7718S	FR0010956656	Pure indexation	Société Générale	GOLD PI OPENS	7	1,669
3771S	FR0011708726	Vanilla warrant	Société Générale	ALCAT 3C 0315S	244	1,660
4121Z	DE000CZ8WBE3	Vanilla warrant	Commerzbank	CAC40 4400C 0414Z	631	1,611
2515Z	DE000CZ8VXE9	Vanilla warrant	Commerzbank	CAC40 4400C 0514Z	579	1,513
H799B	FR0011597178	Leveraged KO open-end BEST	BNP Paribas	CAC40 4700TPIOPENB	439	1,456
0174S	FR0011555325	Leveraged KO open-end	Société Générale	CAC40 3914TL OPENS	178	1,455
3159Z	FR0011647965	Capped Bonus	Commerzbank	ALCAT 4.1BOC0614Z	53	1,371
0121S	FR0011505866	Leveraged KO open-end	Société Générale	CAC40 4656TS OPENS	341	1,323
S5S5S	FR0011472489	Pure indexation	Société Générale	SX5GT PI OPENS	15	1,257
LV10Z	DE000CZ28ZC2	Pure indexation	Commerzbank	LV10Z FACOPENZ	331	1,165
B145B	NL0010639522	Vanilla warrant	BNP Paribas	MBSTR 13C 0614B	123	1,144
4C82Z	DE000CZ8YCY5	Leveraged KO	Commerzbank	CAC40 4550TS 0614Z	206	1,143
9202S	FR0010673350	Pure indexation Quanto	Société Générale	GOLD PIQOPENS	62	1,126
2452Z	DE000CZ8XAR5	Vanilla warrant	Commerzbank	CAC40 4400P 0514Z	560	1,072
Z163B	FR0011801273	Leveraged KO	BNP Paribas	CAC40 4260TPL0614B	144	1,063
1811C	DE000CF6YMF1	Leveraged KO	Citi	CAC40 4600TS 0614C	373	1,046
Y730B	FR0011768035	Leveraged KO	BNP Paribas	CAC40 4550TPS0514B	266	1,037
2350Z	DE000CZ8X961	Leveraged KO	Commerzbank	DAX 9900TS 0614Z	441	998
G733T	DE000HV0Z5S7	Leveraged KO	Unicredit	DAX 10000TS 0914T	52	985
6147C	DE000CF75244	Leveraged KO	Citi	CAC40 4180TL 0614C	151	977
2V35Z	FR0011577568	Capped Bonus	Commerzbank	CFOUR 31BOC0614Z	27	973
2F25Z	DE000CB6NL45	Spread	Commerzbank	CAC40 4100SWT0614Z	41	904
V716B	FR0011599430	Leveraged KO open-end	<b>BNP</b> Paribas	EADS 41.6TCIOPENB	74	867
W134B	NL0010568291	Vanilla warrant	<b>BNP</b> Paribas	PWLDT94.72C 0324B	49	861
2Z11Z	DE000CZ8UQH8	Leveraged KO open-end	Commerzbank	SOGEN35.94TCIOPENZ	78	851
I10GS	FR0011630474	Pure indexation	Société Générale	.SGIX PI OPENS	193	831
5769S	FR0011788942	Leveraged KO open-end	Société Générale	CAC40 4802TS OPENS	87	824
7320S	FR0011422476	Pure indexation	Société Générale	GLE5L PI OPENS	181	824
5C59Z	DE000CB6N1N8	Leveraged KO	Commerzbank	DJIND17000TS 0614Z	284	801
3C11Z	DE000CZ8Y9A2	Vanilla warrant	Commerzbank	CAC40 4450P 0414Z	403	778
(Source: Eu						

# EURONEXT EXTENDS YOUR TRADING HORIZON

Euronext introduces on the regulated market Extended Trading Hours for Warrants & Certificates which can now be traded between 8:00am and 6:30pm.

For more information, please visit: etp.nyx.com

112





This publication is for information purposes only and does not constitute investment advice or any offer, solicitation or recommendation to acquire or dispose of any investment or to engage in any transaction. Although this publication is issued in good faith, it is provided on an "as is" basis without representation or warranty of any kind, whether express or implied, and ICE and/or any of its officers, employees or agents shall incur no responsibility or liability for any loss or damages of any nature resulting from, arising out of or in connection with the contents of this publication and any such liability is expressly disclaimed. 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 ICE's subsidiaries shall depend solely on the applicable rules of the market operator. ICE offers no view on whether investments are appropriate for you and recommends you obtain independent advice in respect of any such investments. Persons wishing to trade products available on ICE markets or wishing to offer such products to third parties are advised, before doing so, to check their legal and regulatory position in the relevant territory and to understand the related risks. All proprietary rights and interest in or connected with this publication shall vest in ICE. No part of it may be redistributed or reproduced in any form or by any means or used to make any derivative work (such as translation, transformation, or adaptation) without the prior written permission of ICE. ICE refers to IntercontinentalExchange Group, Inc. and its affiliates and references to ICE in this publication include each and any such company as the context dictates.

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

Trademarks of ICE and/or its affiliates include Intercontinental Exchange, ICE and Euronext. Information regarding additional trademarks and intellectual property rights of IntercontinentalExchange Group, Inc. and/or its affiliates is located at https://www.theice.com/terms.jhtml and http://www.nyx.com/terms-use.