warrants and certificates
Activity

report

lssue 21 April 2013



## Contents

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

This publication is solely intended as information and does not constitute any investment advice or an 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, the contents thereof are provided on an "as is" basis without representation or warranty of any kind, whether express or implied, and NYSE Euronext 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 NYSE Euronext's subsidiaries shall depend solely on the applicable rules of the market operator. NYSE Euronext encourages you to reach your own opinion as to whether investments are appropriate or relevant and recommends you not to make any decisions on the basis of the information contained in this publication before checking it, as you will bear full responsibility for any use that you make of it. Persons wishing to trade products available on NYSE Euronext 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 are vested in NYSE Euronext. 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 NYSE Euronext. NYSE Euronext and its affiliates and references to NYSE Euronext in this publication include each and any such company as the context dictates. NYSE EuronextSM, E

©2013, NYSE Euronext - All rights reserved.

## **Editorial**

Following the end of the first quarter of the year and the publication of most companies' results the downward trend of single stocks as underlying and increasing trend of indices seems to continue in the same direction. April 2013 sees us almost back to previous levels with 24% on single stocks and 55% on indices in terms of number of transactions and 15% and 55% in terms of value traded.

April 2013 was a record setting month. Leveraged Knock-Out Open-End BEST products now represent nearly 20% of the transactions on Warrants & Certificates across all NYSE Euronext markets. A year ago, these products only represented 4% of the transactions. The number of new listing continues to rise tremendously as a result of the new Warrants & Certificates fee structure for issuers and liquidity providers. While in March 2013 there was already a 30% increase, April 2013 showed another increase of 36% with over 9,000 new listings compared to almost 7,000 new listings the previous month.

In all markets the value traded has significantly increased in April 2013 vs. March 2013: nearly +12% month-on-month. After January 2013, this month-on-month increase is the largest since August 2011. With over 1.3 billion euros traded on Warrants & Certificates, April 2013 has been the most active month since July 2012. On NYSE Euronext Amsterdam the month-on-month value traded increase is even more noticeable at nearly 16% in April 2013 vs. March 2013. We will be watching with interest to see what May 2013 brings in volumes after the ECB has lowered its main rate by 0.25 basis points to a record low of 0.50%.

Also the technical implementation of our new service 'Primary Market for Structured Products' became available in the Production environment on 8th April. This service offers a solution for the subscription to Structured Products instruments which enables member firms to leverage NYSE Euronext's distribution network and technology via a straight-through processing solution for primary and secondary trading, clearing & settlement.

	NYSE Euronext Amsterdam	NYSE Euronext Brussels	NYSE Euronext Lisbon	NYSE Euronext Paris	NYSE Euronext Markets
Live listings (as of 30/04/2013)	7,352	1,988	1,388	17,913	28,641
New listings	2,173	530	294	6,205	9,202
Value traded (in M€)	726	1.1	58.3	526	1,311
Value traded YTD (in M€)	2,701	5.4	226.4	2,001	4,934
Traded volume (in M)	435	2.1	32.9	877	1,347
Traded volume YTD (in M)	1,721	8.2	130.9	3,442	5,302
Number of trades	165,127	396	13,534	153,853	332,910
Number of trades YTD	656,121	2,191	52,371	608,725	1,319,408
(Source: NYSE Euronext)					

# PLUG INTO RETAIL LIQUIDITY

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

For more information please visit nyx.com/retailmatchingfacility





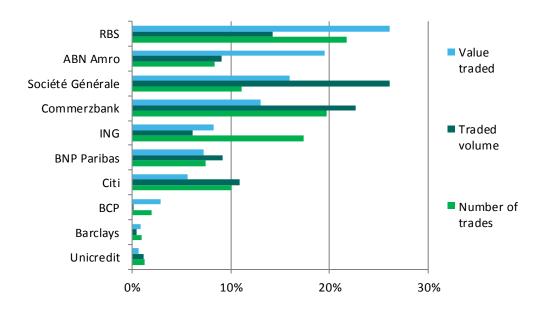
# NYSE Euronext European Markets

#### Issuers

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

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

	Value traded Daily Month vs. YTD Market					Traded	volume		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	16.3	17%	9.6%	26.1%	9.1	7.7%	1.2%	14.2%	3,441	11%	1.4%	21.7%
ABN Amro	12.2	16%	17%	19.5%	5.8	14%	16%	9.0%	1,325	-2.7%	3.6%	8.4%
Société Générale	10.0	7.3%	6.4%	15.9%	16.7	-5.6%	13%	26.1%	1,755	7.0%	7.3%	11.1%
Commerzbank	8.1	2.2%	6.0%	13.0%	14.5	-7.1%	-0.5%	22.7%	3,120	0.7%	4.8%	19.7%
ING	5.1	-14%	-13%	8.2%	4.0	-14%	-14%	6.2%	2,756	-1.9%	-1.7%	17.4%
BNP Paribas	4.6	8.2%	17%	7.3%	5.9	-8.4%	-0.3%	9.2%	1,181	-3.5%	-2.7%	7.5%
Citi	3.5	-20%	-10%	5.6%	7.0	-15%	-11%	10.9%	1,598	-8.1%	-7.0%	10.1%
BCP	1.8	14%	-1.6%	2.9%	0.1	-0.3%	-18%	0.2%	320	8.3%	2.0%	2.0%
Barclays	0.5	13%	-7.5%	0.8%	0.3	0.5%	-26%	0.5%	157	-9.3%	-16%	1.0%
Unicredit	0.4	-6.3%	-0.7%	0.6%	0.7	35%	-2.8%	1.1%	205	-15%	6.3%	1.3%
Total	62.5	6.6%	6.3%		64.2	-4.5%	1.6%		15,857	1.1%	0.9%	

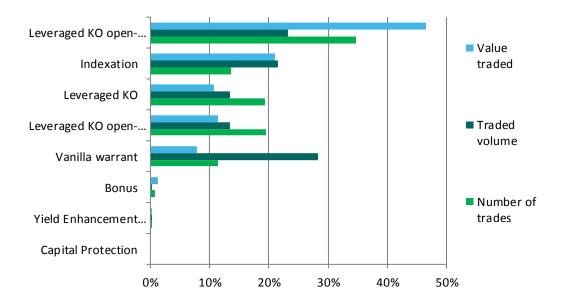


#### **Product types**

The table below displays the daily averages of traded value, traded volume and number of trades across all NYSE Euronext markets per issuer, as well as the variation over the previous month and the weight of each issuer over the total of all NYSE 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	olume		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	29.0	13%	6.3%	46.5%	14.9	4.6%	-0.4%	23.3%	5,518	-1.3%	-6.9%	34.8%
Indexation	13.1	11%	10.0%	21.0%	13.8	-5.3%	20%	21.5%	2,159	14%	15%	13.6%
Leveraged KO	6.7	-4.0%	-4.1%	10.8%	8.6	-4.1%	-6.0%	13.4%	3,067	2.6%	0.9%	19.3%
Leveraged KO open-end BEST	7.1	5.1%	12%	11.4%	8.6	-7.2%	1.1%	13.4%	3,084	9.7%	16%	19.4%
Vanilla warrant	4.9	-14%	3.6%	7.9%	18.2	-9.2%	-4.1%	28.3%	1,814	-16%	-8.2%	11.4%
Bonus	0.7	-22%	-11%	1.2%	0.1	-22%	-29%	0.1%	108	-22%	-19%	0.7%
Yield Enhancement & Other	0.7	38%	37%	1.2%	0.0	17%	-0.7%	0.0%	105	-0.8%	14%	0.7%
Capital Protection	0.0	48%	5.3%	0.0%	0.0	48%	4.9%	0.0%	1	105%	27%	0.0%
Total	62.5	6.6%	6.3%		64	-4.5%	1.6%		15,857	1.1%	0.9%	

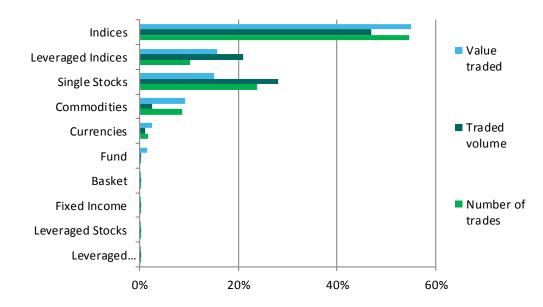


#### **Underlying types**

The table below displays the daily averages of traded value, traded volume and number of trades across all NYSE 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 NYSE 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 traded Daily Month vs. YTD Market					Traded v	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 M€)	month			(in M)	month				month		
Indices	34.3	7.9%	12%	55.0%	30.1	0.3%	4.8%	46.8%	8,664	3.0%	8.3%	54.7%
Leveraged Indices	9.8	14%	14%	15.6%	13.5	-4.4%	22%	21.0%	1,624	15%	19%	10.2%
Single Stocks	9.4	-15%	-18%	15.1%	18.0	-14%	-14%	28.1%	3,784	-16%	-19%	23.9%
Commodities	5.8	38%	11%	9.3%	1.6	51%	13%	2.5%	1,376	63%	19%	8.7%
Currencies	1.6	16%	-2.0%	2.6%	0.7	-0.5%	-1.3%	1.1%	267	-23%	-23%	1.7%
Fund	1.0	61%	107%	1.6%	0.1	52%	84%	0.2%	9	-44%	-35%	0.1%
Basket	0.2	-56%	-25%	0.3%	0.0	-73%	-48%	0.0%	18	-18%	-11%	0.1%
Fixed Income	0.2	-37%	-36%	0.3%	0.1	-11%	-12%	0.1%	56	-15%	-21%	0.4%
Leveraged Stocks	0.1	-11%	-14%	0.1%	0.1	-48%	-45%	0.1%	30	-24%	-24%	0.2%
Leveraged Commodities	0.1	159%	56%	0.1%	0.0	-72%	-31%	0.0%	23	74%	32%	0.1%
Total	62.5	6.6%	6.3%		64	-4.5%	1.6%		15,850	1.1%	1.0%	

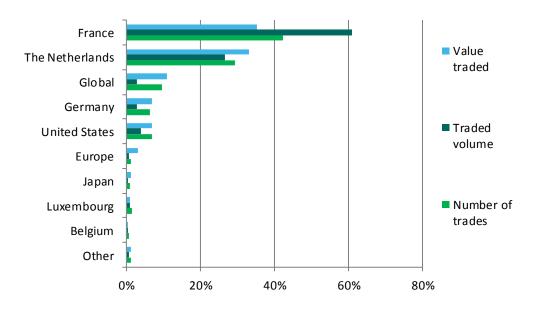


#### Top 10 underlying countries

The table below displays the daily averages of traded value, traded volume and number of trades across all NYSE 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 NYSE Euronext markets.

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

	Value traded Daily Month vs. YTD Market					Traded	volume		Ν	lumber o	oftrades	
Underlying country	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market
	average	on		share	average	on		share	average	on		share
	(in M€)	month			(in M)	month				month		
France	22.1	-2.0%	2.9%	35.3%	39.1	-8.4%	1.4%	60.9%	6,707	-3.5%	0.4%	42.3%
The Netherlands	20.7	9.1%	7.6%	33.2%	17.1	2.3%	1.9%	26.6%	4,652	-2.2%	-2.5%	29.3%
Global	6.8	39%	11%	10.9%	1.8	46%	9.4%	2.7%	1,517	54%	15%	9.6%
Germany	4.3	0.6%	5.1%	6.9%	1.9	-23%	-13%	2.9%	1,023	-3.1%	3.9%	6.5%
United States	4.3	9.9%	8.2%	6.8%	2.6	8.2%	6.4%	4.0%	1,080	1.5%	-0.9%	6.8%
Europe	1.9	39%	40%	3.1%	0.4	70%	47%	0.6%	174	5.3%	9.0%	1.1%
Japan	0.8	45%	17%	1.3%	0.2	73%	15%	0.3%	153	39%	19%	1.0%
Luxembourg	0.5	-20%	5.6%	0.8%	0.6	-2.4%	38%	1.0%	241	-3.4%	21%	1.5%
Belgium	0.3	-7.3%	-3.6%	0.5%	0.2	-8.1%	10%	0.4%	111	-8.6%	-4.3%	0.7%
Other	0.8	-32%	-27%	1.3%	0.4	-29%	-36%	0.6%	198	-15%	-25%	1.2%
Total	62.5	6.6%	6.3%		64	-4.5%	1.6%		15,857	1.1%	0.9%	

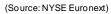


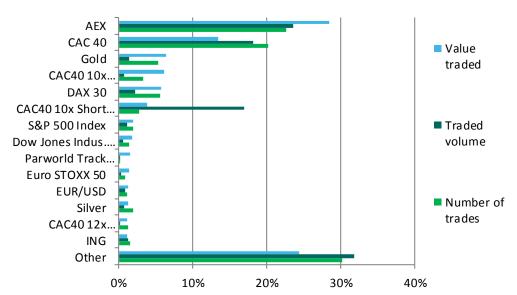
## Top 15 underlyings

The table below displays the daily averages of traded value, traded volume and number of trades across all NYSE 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 NYSE 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	17.8	15%	16%	28.5%	15.1	4.5%	5.7%	23.5%	3,591	5.1%	8.2%	22.6%
CAC 40	8.4	-5.6%	6.4%	13.4%	11.7	-2.0%	6.5%	18.2%	3,196	-1.5%	6.1%	20.2%
Gold	4.0	73%	38%	6.4%	0.9	65%	28%	1.4%	855	86%	34%	5.4%
CAC40 10x Leveraged Index	3.8	4.6%	0.7%	6.1%	0.5	36%	24%	0.7%	515	13%	5.2%	3.3%
DAX 30	3.5	-6.8%	0.5%	5.7%	1.4	-32%	-22%	2.2%	880	-2.9%	4.4%	5.6%
CAC40 10x Short Index	2.4	13%	12%	3.8%	10.8	-6.2%	21%	16.9%	436	10%	8.0%	2.7%
S&P 500 Index	1.2	4.5%	27%	1.9%	0.8	52%	52%	1.2%	306	38%	38%	1.9%
Dow Jones Indus. Avg.	1.2	102%	67%	1.9%	0.4	51%	25%	0.6%	231	26%	41%	1.5%
Parworld Track Continental Europ	1.0	63%	111%	1.5%	0.1	62%	111%	0.2%	8	-46%	-37%	0.1%
Euro STOXX 50	0.8	30%	6.3%	1.3%	0.2	130%	66%	0.4%	130	19%	8.4%	0.8%
EUR/USD	0.8	-14%	-17%	1.3%	0.5	-11%	-3.5%	0.8%	177	-33%	-28%	1.1%
Silver	0.8	67%	-13%	1.2%	0.4	82%	1.7%	0.7%	311	74%	9.9%	2.0%
CAC40 12x Leveraged Index	0.7	39%	80%	1.2%	0.2	101%	115%	0.3%	192	32%	66%	1.2%
ING	0.7	-18%	-15%	1.2%	0.8	-11%	-0.9%	1.2%	244	-26%	-11%	1.5%
Other	15.3	-8.1%	-11%	24.4%	20.4	-13%	-12%	31.8%	4,787	-11%	-14%	30.2%
Total	62.5	6.6%	6.3%		64	-4.5%	1.6%		15,857	1.1%	0.9%	

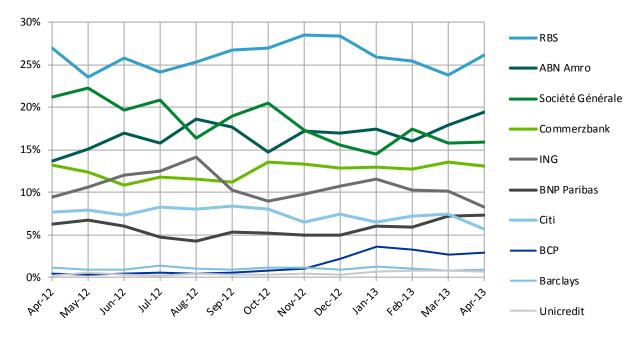




## MARKET TREND: ISSUERS

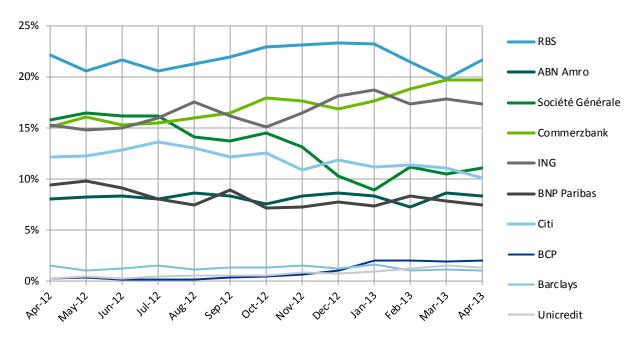
#### Value traded

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



## Number of transactions

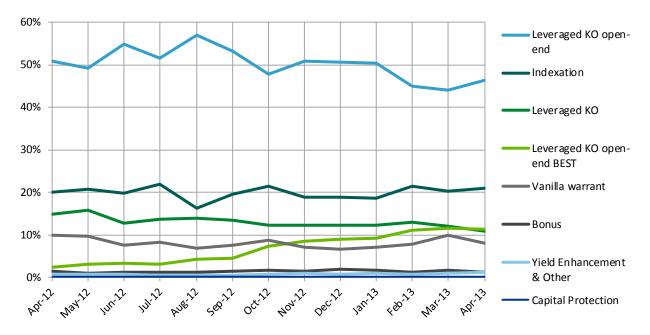
The historical graph below displays the weight of the traded volume of each issuer over the total traded volume across all NYSE Euronext markets.



## MARKET TREND: PRODUCT TYPES

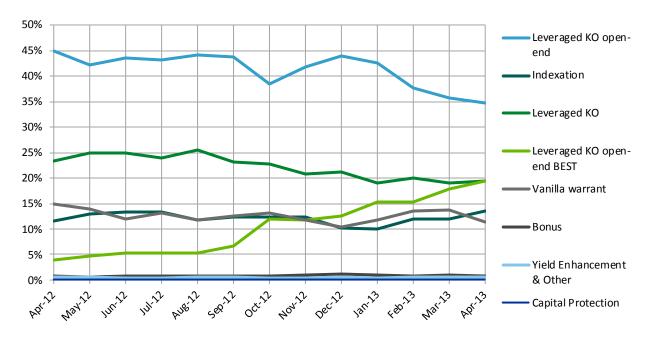
#### Value traded

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



## Number of transactions

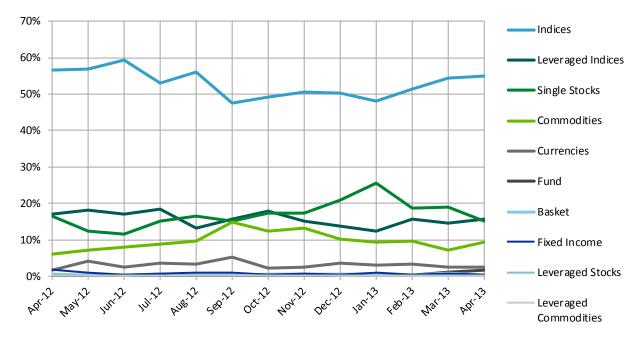
The historical graph below displays the weight of the traded volume of each product type over the total traded volume across all NYSE Euronext markets.



## MARKET TREND: UNDERLYING TYPES

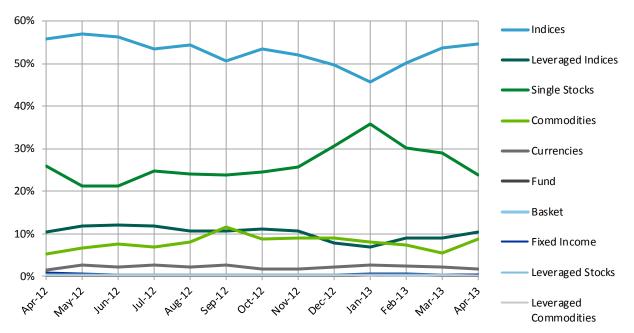
#### Value traded

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



## Number of transactions

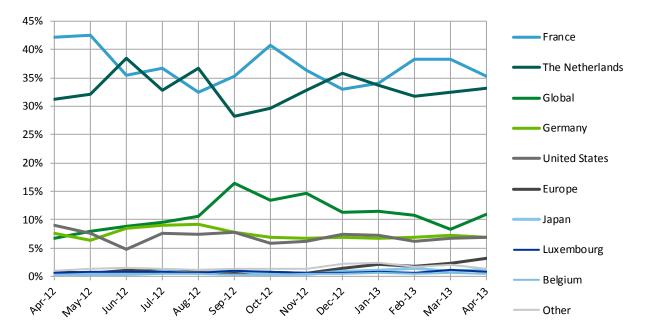
The historical graph below displays the weight of the traded volume of each underlying type over the total traded volume across all NYSE Euronext markets.



## MARKET TREND: UNDERLYING COUNTRIES

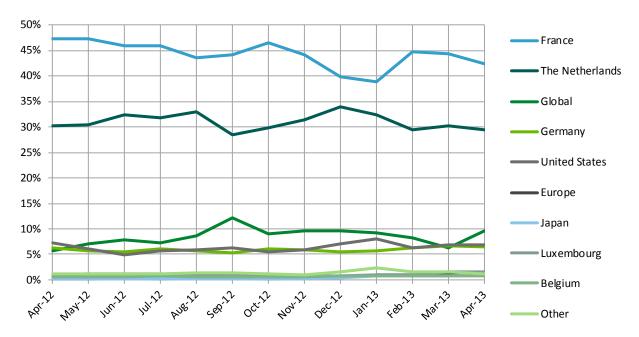
#### Value traded

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

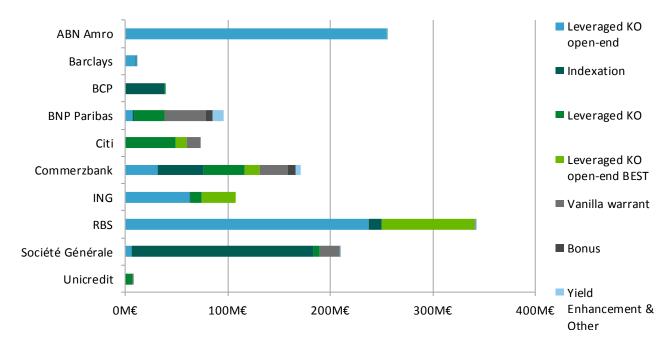


14 Market Activity Report - Warrants & Certificates - NYSE Euronext Markets - April 2013

# **ISSUER ACTIVITY**

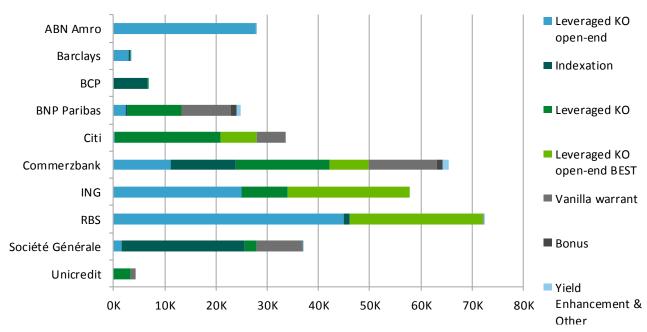
#### Value traded

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



#### Number of transactions

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

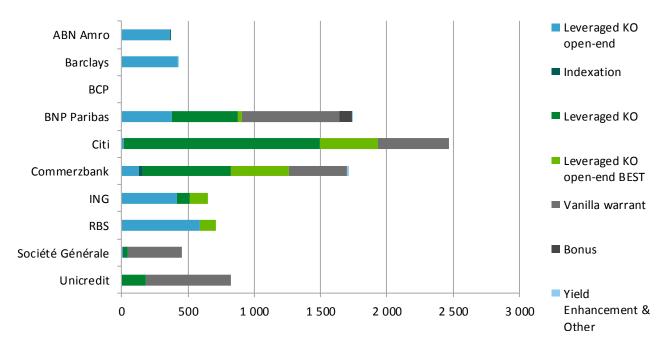


Market Activity Report - Warrants & Certificates - NYSE Euronext Markets - April 2013 15

# **ISSUER ACTIVITY: NEW LISTINGS**

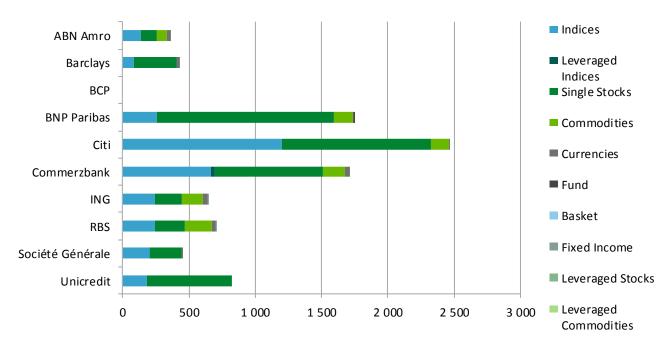
#### **Product types**

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

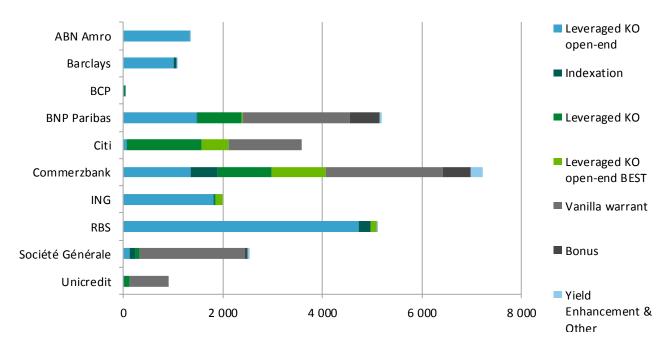


16 Market Activity Report - Warrants & Certificates - NYSE Euronext Markets - April 2013

# **ISSUER ACTIVITY: PRODUCT RANGE**

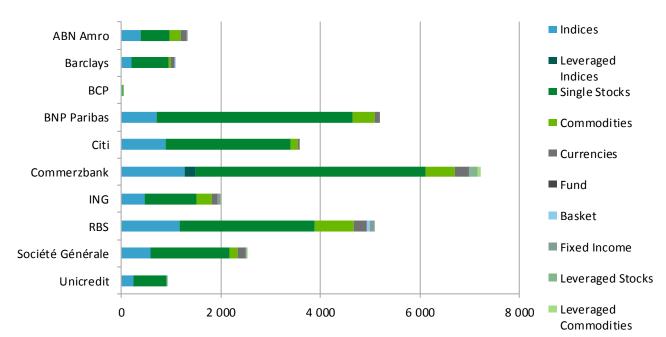
#### **Product types**

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



## **Underlying types**

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



Market Activity Report - Warrants & Certificates - NYSE Euronext Markets - April 2013 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 NYSE Euronext markets.

Trading symbol	ISIN Code	Product type	lssuer	Name	Number of trades	Value traded (in K€)
6998S	FR0011214527	Pure indexation	Société Générale	CAC10 PI OPENS	9,468	78,002
6999S	FR0011214535	Pure indexation	Société Générale	CAC10 PLOPENS	7,144	35,857
5636A	NL0009646207	Leveraged KO open-end	ABN Amro	AEX 379TS OPENA	962	20,867
LV12Z	DE000CK9RD98	Pure indexation	Commerzbank	CAC40 PI OPENZ	4,022	15,742
SH12Z	DE000CK9RDA2	Pure indexation	Commerzbank	CAC40 PI OPENZ	3,903	14,330
7731S	FR0010961078	Pure indexation	Société Générale	CAC5L PI OPENS	1,743	13,668
7598N	NL0010287900	Leveraged KO open-end	RBS	AEX 337TL OPENN	1,541	13,455
CS10S	FR0011451087	Pure indexation	Société Générale	CA10S PI OPENS	460	11,191
6940S	FR0011119395	Pure indexation	Société Générale	CAC7L PI OPENS	898	10,929
K003B	NL0010309084	Vanilla warrant	BNP Paribas	PWLDT80.71C 0523B	129	10,921
7589N	NL0010287819	Leveraged KO open-end BEST	RBS	AEX 336.8BL OPENN	2,609	10,322
4206A	NL0009607613	Leveraged KO open-end	ABN Amro	AEX 385TS OPENA	507	9,876
E170A	NL0010327003	Leveraged KO open-end	ABN Amro	AEX 335.4TL OPENA	552	9,350
K002B	NL0010309076	Vanilla warrant	BNP Paribas	PWLDT81.81C 0423B	3	8,758
7982N	NL0010375853	Leveraged KO open-end	RBS	AEX 353TS OPENN	1,021	8,753
1025P	PTBIVRYE0068	Pure indexation	BCP	ESTX PI OPENP	1,249	8,477
4158N	NL0006276966	Leveraged KO open-end	RBS	AEX 387 TS OPENN	1,245	8,275
7895N	NL0010374989	Leveraged KO open-end BEST	RBS	AEX 353.8BS OPENN	2,317	7,823
1029P	PTBITAYE0046	Pure indexation	BCP	SP500 PLOPENP	1,410	7,544
1029F 1922G	NL0009615921	Leveraged KO open-end	ING	AEX 378SPSOPENG	745	7,124
7740N	NL0010289328	Leveraged KO open-end	RBS	AEX 3783F30FENG AEX 356TS OPENN	1,419	6,493
6545N	NL0010289328	<b>e</b> .	RBS	AEX 364BS OPENN		6,191
6676N	NL0010253585	Leveraged KO open-end BEST Leveraged KO open-end	RBS	AEX 362TS OPENN	2,145	5,935
	FR0010961102	<b>e</b> .	Société Générale	CAC5S PI OPENS	1,068	
7734S 8258N		Pure indexation Leveraged KO open-end	RBS		1,088	5,781 5,423
	NL0010378600	0 1		SIEME 53TL OPENN	20	
E522A	NL0010330528	Leveraged KO open-end	ABN Amro	AEX 339.8TL OPENA	264	5,362
9202S	FR0010673350	Pure indexation Quanto	Société Générale	GOLD PIQOPENS	375	5,191
7597N	NL0010287892	Leveraged KO open-end	RBS	AEX 334TL OPENN	778	5,189
6544N	NL0010253357	Leveraged KO open-end BEST	RBS	AEX 361BS OPENN	1,861	5,100
5424N	NL0010225033	Leveraged KO open-end	RBS	DJIND16000TS OPENN	359	5,100
1032P	PTBCS1YE0010	Pure indexation	BCP	NIKEI PIOPENP	1,166	5,021
D126A	NL0010316410	Leveraged KO open-end	ABN Amro	AEX 331TL OPENA	307	4,760
1027P	PTBITEYE0034	Pure indexation	BCP	DAX PI OPENP	509	4,343
6947S	FR0011130350	Pure indexation	Société Générale	CAC7S PI OPENS	900	3,880
E130A	NL0010326609	Leveraged KO open-end	ABN Amro	AEX 334.4TL OPENA	213	3,799
DAXQZ	DE000CZ28JM5	Pure indexation	Commerzbank	DAXQZ ACCOPENZ	110	3,768
8121N	NL0010377230	Leveraged KO open-end	RBS	AEX 350TS OPENN	600	3,743
E354A	NL0010328845	Leveraged KO open-end	ABN Amro	AEX 355.5TS OPENA	361	3,624
E497A	NL0010330270	Leveraged KO open-end	ABN Amro	AEX 352TS OPENA	330	3,444
SH10Z	DE000CZ28ZD0	Pure indexation	Commerzbank	SH10Z FACOPENZ	1,550	3,422
C990A	NL0010156154	Leveraged KO open-end	ABN Amro	AEX 330TL OPENA	341	3,403
H366G	NL0010355004	Leveraged KO open-end BEST	ING	AEX 353.7TS OPENG	2,698	3,355
6437N	NL0010252417	Leveraged KO open-end	RBS	AEX 330TL OPENN	540	3,323
C963A	NL0010155883	Leveraged KO open-end	ABN Amro	AEX 324TL OPENA	227	3,316
5243A	NL0009642289	Leveraged KO open-end	ABN Amro	DAX 8430TS OPENA	112	3,312
7410N	NL0010286027	Leveraged KO open-end	RBS	NIKEI15000TS OPENN	67	3,271
7679N	NL0010288718	Leveraged KO open-end	RBS	SP500 1620TS OPENN	550	3,238
8119N	NL0010377214	Leveraged KO open-end BEST	RBS	AEX 350.1BS OPENN	695	3,178
E168A	NL0010326989	Leveraged KO open-end	ABN Amro	AEX 337.4TL OPENA	356	3,160
E602A	NL0010331328	Leveraged KO open-end	ABN Amro	AEX 349TS OPENA	225	3,141



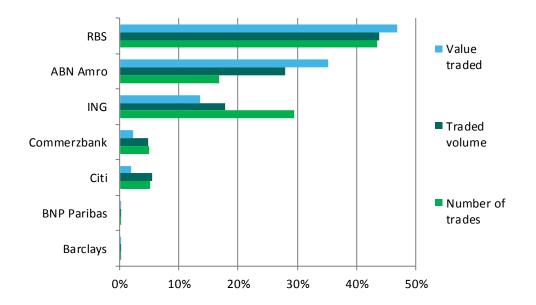
# NYSE Euronext Amsterdam

#### Issuers

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

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

	Value traded Daily Month vs. YTD Market					Traded	volume		Ν	lumber c	oftrades	
lssuer	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market
	average	on		share	average	on		share	average	on		share
	(in M€)	month			(in M)	month				month		
RBS	16.2	17%	9.7%	47.0%	9.1	7.5%	1.1%	43.9%	3,422	10%	1.3%	43.5%
ABN Amro	12.2	16%	17%	35.2%	5.8	14%	16%	27.9%	1,325	-2.7%	3.6%	16.8%
ING	4.7	-15%	-14%	13.5%	3.7	-15%	-14%	17.8%	2,314	-3.2%	-3.8%	29.4%
Commerzbank	0.8	12%	10%	2.3%	1.0	-7.9%	-0.4%	4.8%	388	15%	12%	4.9%
Citi	0.6	-3.1%	-4.1%	1.9%	1.1	-8.6%	-3.1%	5.5%	400	4.4%	4.2%	5.1%
BNP Paribas	0.1	-42%	-48%	0.2%	0.0	-53%	-56%	0.1%	15	-34%	-29%	0.2%
Barclays	0.0	8.8%	-9.8%	0.0%	0.0	-35%	-27%	0.0%	1	-11%	-27%	0.0%
Total	34.6	11%	7.4%		20.7	2.5%	1.1%		7,864	3.5%	0.6%	



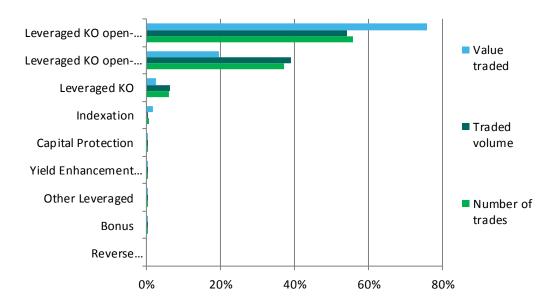
#### **Product types**

The table below displays the daily averages of traded value, traded volume and number of trades on NYSE Euronext Amsterdam per issuer, as well as the variation over the previous month and the weight of each issuer over the total of NYSE 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	26.2	14%	7.5%	75.8%	11.2	11%	1.7%	54.2%	4,397	-0.9%	-7.8%	55.9%
Leveraged KO open-end BEST	6.8	4.8%	13%	19.6%	8.1	-8.7%	0.1%	39.1%	2,920	8.2%	15%	37.1%
Leveraged KO	0.9	4.6%	-7.6%	2.6%	1.3	27%	5.9%	6.2%	475	26%	9.4%	6.0%
Indexation	0.6	-35%	-15%	1.7%	0.1	-58%	-32%	0.3%	52	-1.9%	0.1%	0.7%
Capital Protection	0.0	48%	5.3%	0.0%	0.0	48%	4.9%	0.1%	1	105%	27%	0.0%
Yield Enhancement & Other	0.0	24%	-16%	0.1%	0.0	27%	-13%	0.0%	1	-13%	-14%	0.0%
Other Leveraged	0.1	ND	263%	0.2%	0.0	118%	46%	0.0%	2	217%	111%	0.0%
Bonus	0.1	-42%	-48%	0.2%	0.0	-53%	-56%	0.1%	15	-34%	-29%	0.2%
Total	34.6	11%	08%		21	02%	01%		7,863	04%	01%	





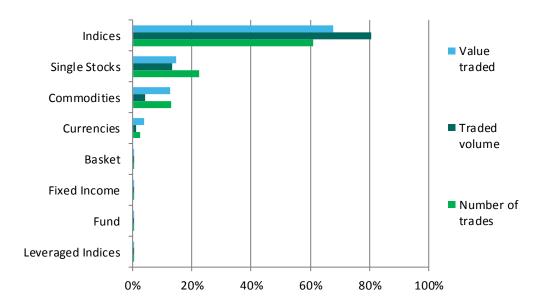
Market Activity Report - Warrants & Certificates - NYSE Euronext Amsterdam - April 2013 21

#### **Underlying types**

The table below displays the daily averages of traded value, traded volume and number of trades on NYSE 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 NYSE 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	23.4	15%	16%	67.6%	16.7	4.8%	6.5%	80.8%	4,796	6.1%	10%	61.0%
Single Stocks	5.0	-14%	-20%	14.6%	2.8	-13%	-21%	13.3%	1,777	-15%	-21%	22.6%
Commodities	4.4	39%	14%	12.6%	0.9	30%	0.3%	4.2%	1,031	60%	19%	13.1%
Currencies	1.4	21%	1.8%	3.9%	0.3	4.8%	-5.8%	1.3%	195	-23%	-22%	2.5%
Basket	0.2	-56%	-26%	0.6%	0.0	-73%	-48%	0.1%	16	-23%	-13%	0.2%
Fixed Income	0.2	-40%	-36%	0.6%	0.0	-16%	-18%	0.2%	41	-27%	-31%	0.5%
Fund	0.0	-6.5%	-17%	0.0%	0.0	-4.0%	-15%	0.1%	1	-9.8%	-21%	0.0%
Leveraged Indices	0.0		-92%	0.0%	0.0		-56%	0.0%	0			0.0%
Total	34.6	11%	7.5%		21	2.5%	1.1%		7,857	3.6%	0.7%	

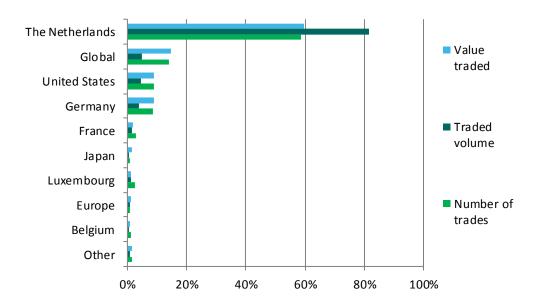


#### Top 10 underlying countries

The table below displays the daily averages of traded value, traded volume and number of trades on NYSE 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 NYSE 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 o	oftrades	
Underlying country	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market
	average	on		share	average	on		share	average	on		share
	(in M€)	month			(in M)	month				month		
The Netherlands	20.7	9.2%	7.8%	59.7%	16.9	2.4%	2.2%	81.6%	4,611	-2.2%	-2.2%	58.6%
Global	5.1	41%	15%	14.8%	1.0	32%	1.4%	4.8%	1,112	51%	16%	14.1%
United States	3.1	7.0%	10%	8.8%	0.9	-1.6%	5.2%	4.5%	705	-1.0%	-1.3%	9.0%
Germany	3.0	10%	11%	8.8%	0.8	-8.8%	-4.9%	4.0%	664	-1.8%	4.9%	8.4%
France	0.7	-27%	-34%	1.9%	0.3	-18%	-36%	1.6%	235	-3.2%	-15%	3.0%
Japan	0.5	36%	12%	1.4%	0.1	60%	17%	0.3%	70	23%	0.1%	0.9%
Luxembourg	0.5	-15%	7.9%	1.3%	0.3	-5.1%	29%	1.3%	202	6.4%	25%	2.6%
Europe	0.4	75%	39%	1.1%	0.1	212%	94%	0.7%	63	88%	62%	0.8%
Belgium	0.3	-2.9%	-0.5%	0.7%	0.1	0.5%	18%	0.4%	92	-3.0%	0.0%	1.2%
Other	0.5	-44%	-32%	1.4%	0.2	-31%	-45%	0.7%	112	-21%	-30%	1.4%
Total	34.6	11%	7.4%		21	2.5%	1.1%		7,864	3.5%	0.6%	

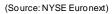


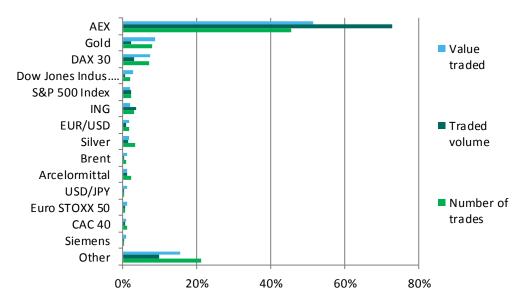
## Top 15 underlyings

The table below displays the daily averages of traded value, traded volume and number of trades on NYSE 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 NYSE Euronext Amsterdam.

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

		Value t	raded			Traded	volume		Ν	lumber o	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	17.8	15%	16%	51.4%	15.1	4.5%	5.7%	72.9%	3,589	5.1%	8.2%	45.6%
Gold	3.0	84%	46%	8.8%	0.5	32%	13%	2.2%	628	76%	32%	8.0%
DAX 30	2.6	6.4%	11%	7.4%	0.6	-11%	-8.4%	3.1%	559	0.7%	7.9%	7.1%
Dow Jones Indus. Avg.	0.9	121%	85%	2.7%	0.1	14%	38%	0.6%	155	21%	44%	2.0%
S&P 500 Index	0.7	-7.4%	29%	2.1%	0.4	13%	47%	2.2%	188	33%	42%	2.4%
ING	0.7	-18%	-15%	2.1%	0.7	-13%	-3.2%	3.6%	243	-27%	-11%	3.1%
EUR/USD	0.6	-14%	-17%	1.9%	0.2	-10%	-15%	0.9%	130	-32%	-27%	1.7%
Silver	0.6	53%	-16%	1.8%	0.3	57%	-6.2%	1.4%	264	69%	10%	3.4%
Brent	0.4	-46%	-33%	1.2%	0.1	-22%	-24%	0.3%	68	2.4%	-7.4%	0.9%
Arcelormittal	0.4	-17%	9.1%	1.2%	0.3	-6.4%	32%	1.3%	185	4.0%	28%	2.4%
USD/JPY	0.4	242%	131%	1.1%	0.1	220%	100%	0.2%	20	19%	15%	0.3%
Euro STOXX 50	0.4	74%	38%	1.1%	0.1	218%	95%	0.7%	61	92%	65%	0.8%
CAC 40	0.3	-29%	-17%	0.8%	0.1	-9.0%	8.5%	0.6%	101	1.6%	13%	1.3%
Siemens	0.3	ND	255%	0.8%	0.0	162%	104%	0.1%	13	236%	111%	0.2%
Other	5.3	-18%	-25%	15.4%	2.1	-14%	-29%	9.9%	1,660	-14%	-25%	21.1%
Total	34.6	11%	7.4%		21	2.5%	1.1%		7,864	3.5%	0.6%	

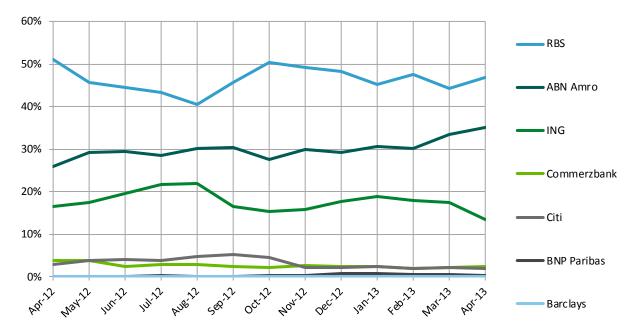




## MARKET TREND: ISSUERS

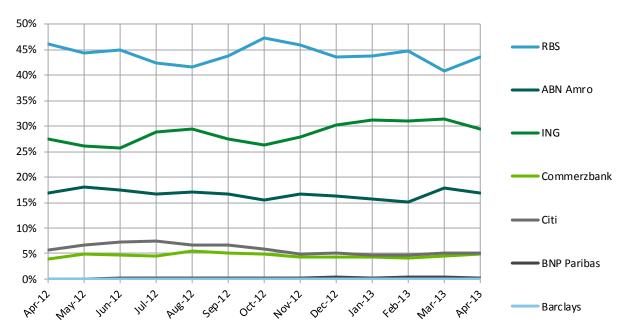
#### Value traded

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



## Number of transactions

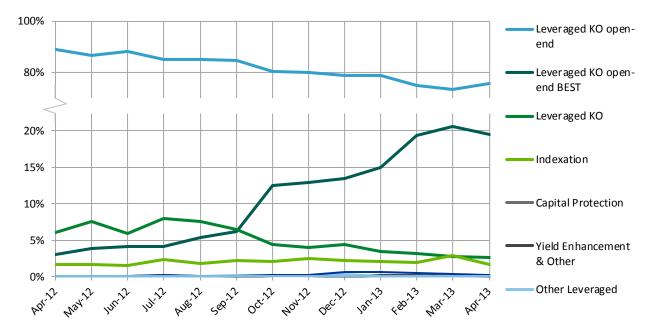
The historical graph below displays the weight of the traded volume of each issuer over the total traded volume on NYSE Euronext Amsterdam.



## MARKET TREND: PRODUCT TYPES

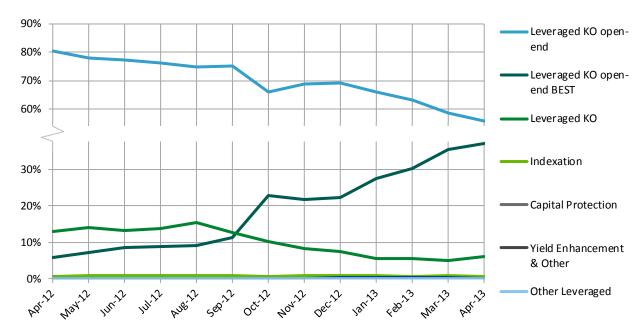
#### Value traded

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



## Number of transactions

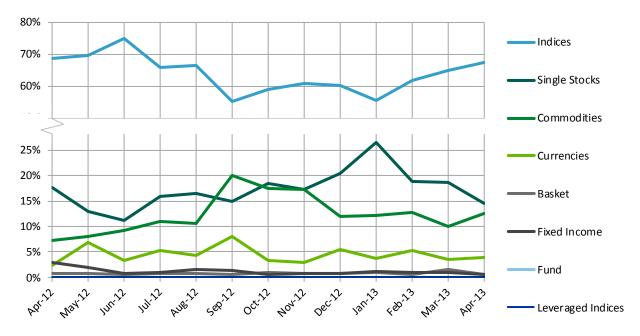
The historical graph below displays the weight of the traded volume of each product type over the total traded volume on NYSE Euronext Amsterdam.



## MARKET TREND: UNDERLYING TYPES

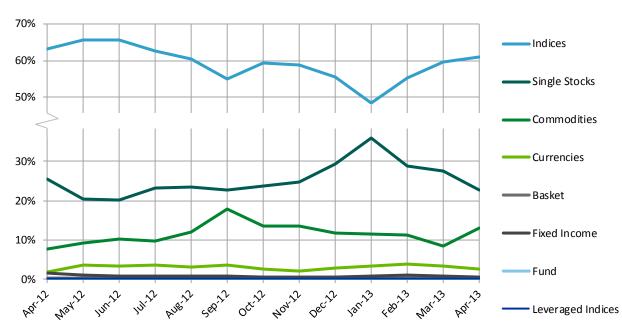
#### Value traded

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

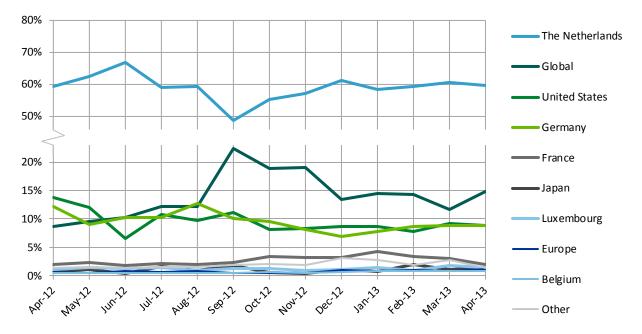


Market Activity Report - Warrants & Certificates - NYSE Euronext Amsterdam - April 2013 27

## MARKET TREND: UNDERLYING COUNTRIES

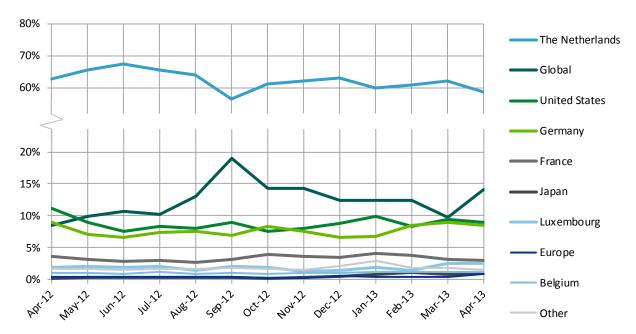
#### Value traded

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

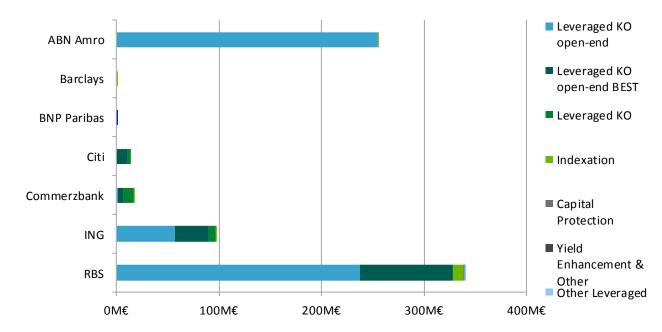


28 Market Activity Report - Warrants & Certificates - NYSE Euronext Amsterdam - April 2013

# **ISSUER ACTIVITY**

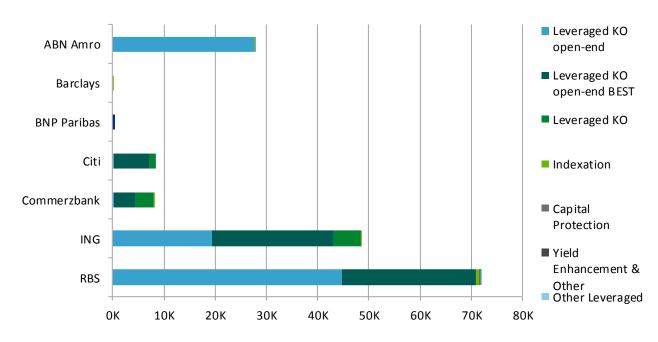
#### Value traded

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



#### Number of transactions

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

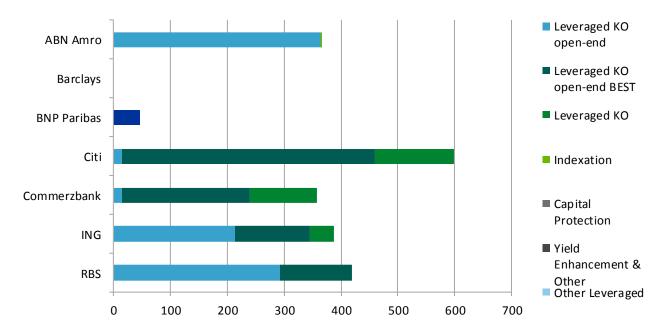


Market Activity Report - Warrants & Certificates - NYSE Euronext Amsterdam - April 2013 29

# **ISSUER ACTIVITY: NEW LISTINGS**

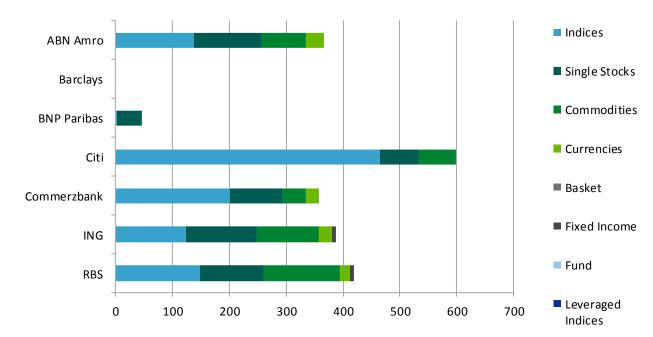
## **Product types**

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

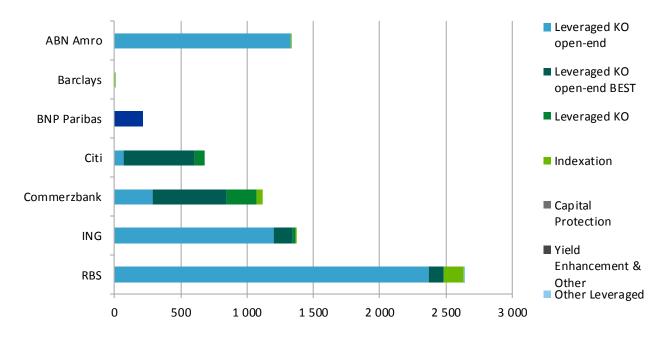


30 Market Activity Report - Warrants & Certificates - NYSE Euronext Amsterdam - April 2013

# **ISSUER ACTIVITY: PRODUCT RANGE**

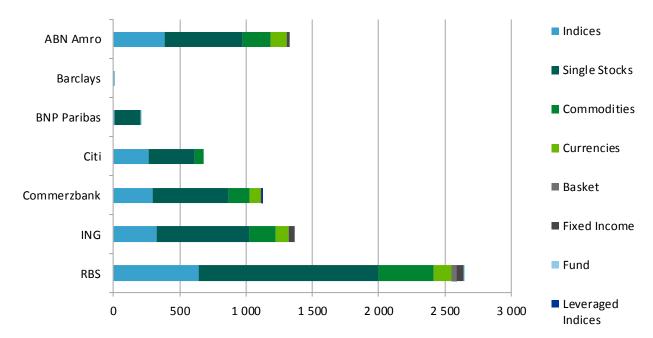
#### **Product types**

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



## **Underlying types**

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



Market Activity Report - Warrants & Certificates - NYSE Euronext Amsterdam - April 2013 31

## Top 50 traded products

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

Trading symbol	ISIN Code	Product type	Issuer	Name	Number of trades	Value traded (in K€)
5636A	NL0009646207	Leveraged KO open-end	ABN Amro	AEX 379TS OPENA	962	20,867
7598N	NL0010287900	Leveraged KO open-end	RBS	AEX 337TL OPENN	1,541	13,455
7589N	NL0010287819	Leveraged KO open-end BEST	RBS	AEX 336.8BL OPENN	2,609	10,322
4206A	NL0009607613	Leveraged KO open-end	ABN Amro	AEX 330.00E OF ENN	507	9,876
E170A	NL0010327003	Leveraged KO open-end	ABN Amro	AEX 335.4TL OPENA	552	9,350
7982N	NL0010375853	Leveraged KO open-end	RBS	AEX 353TS OPENN	1,021	8,753
4158N	NL0006276966	Leveraged KO open-end	RBS	AEX 387 TS OPENN	1,021	8,75
7895N	NL0010374989	Leveraged KO open-end BEST	RBS	AEX 353.8BS OPENN	2,317	7,823
1922G	NL0009615921	Leveraged KO open-end	ING	AEX 333.885 OF ENR	745	7,823
7740N		Leveraged KO open-end	RBS		1,419	6,493
	NL0010289328	<b>o</b> .		AEX 356TS OPENN		-
6545N	NL0010253365	Leveraged KO open-end BEST	RBS	AEX 364BS OPENN	2,145	6,191
6676N	NL0010254538	Leveraged KO open-end	RBS	AEX 362TS OPENN	1,068	5,935
8258N	NL0010378600	Leveraged KO open-end	RBS	SIEME 53TL OPENN	20	5,423
E522A	NL0010330528	Leveraged KO open-end	ABN Amro	AEX 339.8TL OPENA	264	5,362
7597N	NL0010287892	Leveraged KO open-end	RBS	AEX 334TL OPENN	778	5,189
6544N	NL0010253357	Leveraged KO open-end BEST	RBS	AEX 361BS OPENN	1,861	5,100
5424N	NL0010225033	Leveraged KO open-end	RBS	DJIND16000TS OPENN	359	5,100
D126A	NL0010316410	Leveraged KO open-end	ABN Amro	AEX 331TL OPENA	307	4,760
E130A	NL0010326609	Leveraged KO open-end	ABN Amro	AEX 334.4TL OPENA	213	3,799
8121N	NL0010377230	Leveraged KO open-end	RBS	AEX 350TS OPENN	600	3,743
E354A	NL0010328845	Leveraged KO open-end	ABN Amro	AEX 355.5TS OPENA	361	3,624
E497A	NL0010330270	Leveraged KO open-end	ABN Amro	AEX 352TS OPENA	330	3,444
C990A	NL0010156154	Leveraged KO open-end	ABN Amro	AEX 330TL OPENA	341	3,403
H366G	NL0010355004	Leveraged KO open-end BEST	ING	AEX 353.7TS OPENG	2,698	3,355
6437N	NL0010252417	Leveraged KO open-end	RBS	AEX 330TL OPENN	540	3,323
C963A	NL0010155883	Leveraged KO open-end	ABN Amro	AEX 324TL OPENA	227	3,316
5243A	NL0009642289	Leveraged KO open-end	ABN Amro	DAX 8430TS OPENA	112	3,312
7410N	NL0010286027	Leveraged KO open-end	RBS	NIKEI15000TS OPENN	67	3,273
7679N	NL0010288718	Leveraged KO open-end	RBS	SP500 1620TS OPENN	550	3,238
8119N	NL0010377214	Leveraged KO open-end BEST	RBS	AEX 350.1BS OPENN	695	3,178
E168A	NL0010326989	Leveraged KO open-end	ABN Amro	AEX 337.4TL OPENA	356	3,160
E602A	NL0010331328	Leveraged KO open-end	ABN Amro	AEX 349TS OPENA	225	3,141
4094A	NL0009606524	Leveraged KO open-end	ABN Amro	GOLD 1170TL OPENA	165	3,071
6428N	NL0010252334	Leveraged KO open-end BEST	RBS	AEX 329BL OPENN	579	2,988
E521A	NL0010330510	Leveraged KO open-end	ABN Amro	AEX 338.8TL OPENA	298	2,972
E697A	NL0010332359	Leveraged KO open-end	ABN Amro	AEX 340TL OPENA	223	2,965
C962A	NL0010155875	Leveraged KO open-end	ABN Amro	AEX 322TL OPENA	70	2,928
8019N	NL0010376224	Leveraged KO open-end BEST	RBS	AEX 350.4BS OPENN	638	2,874
D128A	NL0010316436	Leveraged KO open-end	ABN Amro	AEX 327TL OPENA	178	2,815
C966A	NL0010155917	Leveraged KO open-end	ABN Amro	DAX 6980TL OPENA	135	2,719
D127A	NL0010316428	Leveraged KO open-end	ABN Amro	AEX 329TL OPENA	269	2,668
6418N	NL0010252250	Leveraged KO open-end	RBS	AEX 327TL OPENN	459	2,657
E673A	NL0010332110	Leveraged KO open-end	ABN Amro	AEX 345TS OPENA	218	2,037
4055A	NL0009605310	Leveraged KO open-end	ABN Amro	AEX 406TS OPENA	218	2,572
4055A 0473N	NL0010175436	Leveraged KO open-end	RBS	ING 4.9TL OPENN	417	2,50
E712G	NL0010175436	Leveraged KO open-end	ING	AEX 326SPLOPENG	251	2,50.
C997A	NL0010215786 NL0010156220					
		Leveraged KO open-end	ABN Amro	DAX 7200TL OPENA	176	2,31
7652N	NL0010288445	Leveraged KO open-end	RBS	AEX 342TL OPENN	303	2,30
8081N	NL0010376844	Leveraged KO open-end	RBS	AEX 343TL OPENN	188	2,263
8219N	NL0010378212 YSE Euronext)	Leveraged KO open-end BEST	RBS	AEX 347BS OPENN	521	2,24



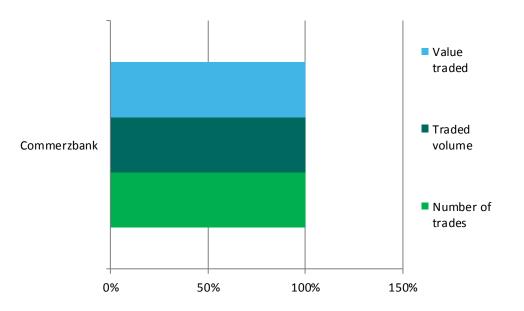
# NYSE Euronext Brussels

#### Issuers

The table below displays the daily averages of traded value, traded volume and number of trades on NYSE Euronext Brussels per issuer, as well as the variation over the previous month and the weight of each issuer over the total of NYSE 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	57.3	-0.9%	-13%	100.0%	98.9	13%	0.5%	100.0%	22	-12%	-18%	100.0%
Total	57.3	-0.9%	-13%		98.9	13%	0.5%		22	-12%	-18%	

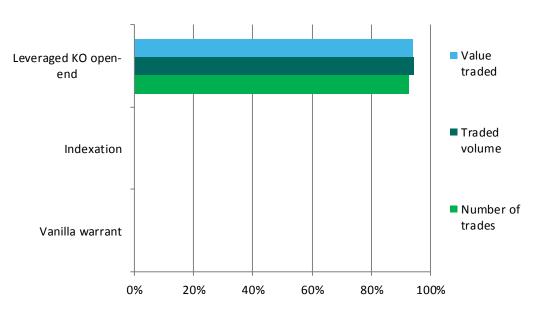


#### **Product types**

The table below displays the daily averages of traded value, traded volume and number of trades on NYSE Euronext Brussels per issuer, as well as the variation over the previous month and the weight of each issuer over the total of NYSE 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	50.0	-4.9%	-15%	94.3%	92.7	17%	-0.1%	94.6%	18	-23%	-27%	92.9%
Indexation	3.0	-36%	-46%	5.7%	5.3	-37%	2.3%	5.4%	1	-28%	-31%	7.1%
Vanilla warrant			-100%				-100%				-100%	
Total	53.1	-7.5%	-18%		98.0	12%	0.0%		19	-23%	-28%	

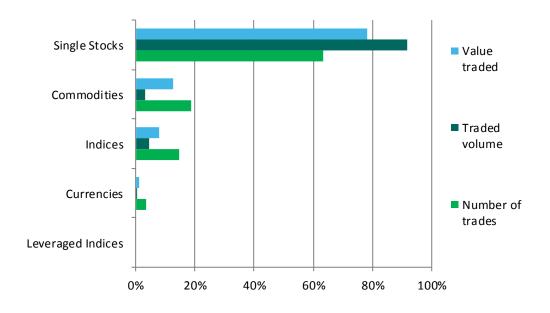


#### **Underlying types**

The table below displays the daily averages of traded value, traded volume and number of trades on NYSE 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 NYSE 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	44.9	-10%	-17%	78.3%	90.8	11%	1.4%	91.8%	14	-21%	-27%	63.3%
Commodities	7.2	333%	114%	12.6%	3.2	601%	109%	3.3%	4	314%	130%	18.7%
Indices	4.5	69%	-15%	7.9%	4.6	78%	-14%	4.6%	3	9.8%	-7.8%	14.6%
Currencies	0.7	-81%	-79%	1.2%	0.3	-90%	-85%	0.3%	1	-78%	-70%	3.4%
Leveraged Indices												
Total	57.3	-0.9%	-13%		98.9	13%	0.5%		22	-12%	-18%	

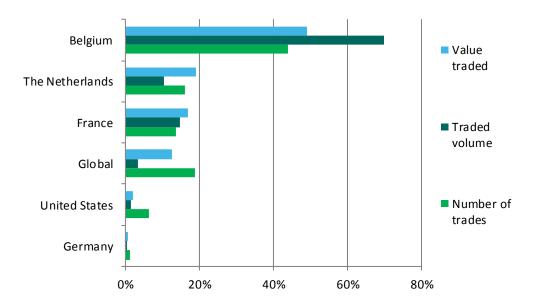


#### Top 10 underlying countries

The table below displays the daily averages of traded value, traded volume and number of trades on NYSE 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 NYSE 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 v	olume		N	lumber c	oftrades		
Underlying country	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market
	average	on		share	average	on		share	average	on		share
	(in K€)	month			(in K)	month				month		
Belgium	28.0	13%	-6.4%	48.9%	69.1	49%	7.8%	69.9%	10	-7.0%	-18%	44.0%
The Netherlands	10.9	-30%	-40%	19.0%	10.4	-22%	-29%	10.5%	4	-3.5%	-33%	16.1%
France	9.7	-1.0%	51%	16.9%	14.6	-33%	18%	14.8%	3	-29%	-8.0%	13.5%
Global	7.2	333%	114%	12.6%	3.2	601%	109%	3.3%	4	314%	130%	18.7%
United States	1.1	-75%	-79%	1.9%	1.5	-72%	-70%	1.5%	1	-69%	-62%	6.4%
Germany	0.4	-76%	-86%	0.6%	0.1	-79%	-87%	0.1%	0	-74%	-76%	1.1%
Other	0.0	-98%	-99%	0.0%	0.0	-99%	-100%	0.0%	0	-76%	-82%	0.2%
Total	57.3	-0.9%	-13%		98.9	13%	0%		22	-12%	-18%	

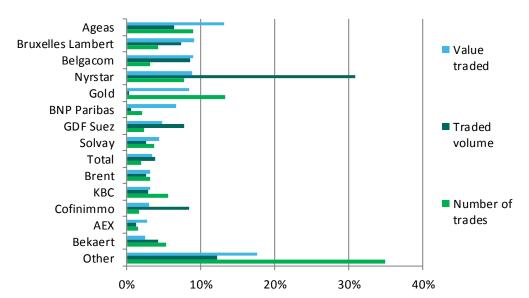


## Top 15 underlyings

The table below displays the daily averages of traded value, traded volume and number of trades on NYSE 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 NYSE 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.

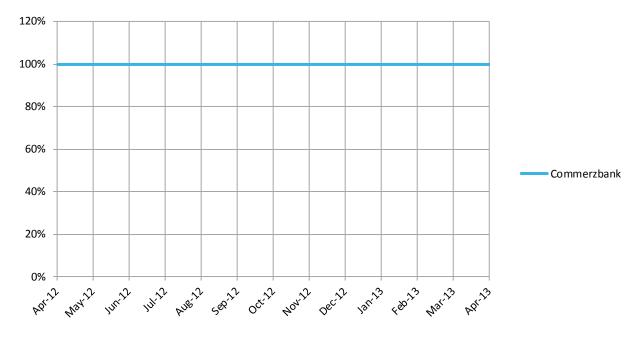
	Value traded Daily Month vs. YTD Market					Traded	volume		Ν	lumber o	oftrades	
Underlying	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market
	average	on		share		on		share	average	on		share
	(in K€)	month			(in K)	month				month		
Ageas	7.5	-39%	-37%	13.1%	6.3	172%	65%	6.4%	2	-9.1%	-25%	9.0%
Bruxelles Lambert	5.2		261%	9.1%	7.2		268%	7.3%	1		208%	4.3%
Belgacom	5.1	174%	188%	8.9%	8.5	640%	242%	8.6%	1	2.0%	62%	3.2%
Nyrstar	5.1	465%	99%	8.9%	30.5	294%	99%	30.9%	2	63%	18%	7.7%
Gold	4.8	254%	108%	8.4%	0.4	90%	19%	0.4%	3	269%	138%	13.3%
BNP Paribas	3.8	180%	108%	6.7%	0.6	138%	113%	0.6%	0	-66%	-46%	2.1%
GDF Suez	2.7	13%	80%	4.7%	7.7	-31%	46%	7.8%	1	-30%	7.3%	2.4%
Solvay	2.5	-37%	-39%	4.4%	2.5	-36%	-36%	2.6%	1	-49%	-46%	3.6%
Total	2.0	-63%	-3.4%	3.5%	3.8	-58%	7.4%	3.8%	0	-46%	-12%	1.9%
Brent	1.8	765%	123%	3.2%	2.7	965%	135%	2.7%	1	376%	107%	3.2%
КВС	1.8	-38%	-68%	3.1%	2.8	-69%	-71%	2.9%	1	-12%	-49%	5.6%
Cofinimmo	1.7	90%	-30%	3.0%	8.3	141%	-20%	8.4%	0	154%	-5.9%	1.7%
AEX	1.6		153%	2.7%	1.3		165%	1.3%	0		100%	1.5%
Bekaert	1.5	-58%	-59%	2.5%	4.2	-60%	-65%	4.2%	1	-23%	-38%	5.4%
Other	10.1	-51%	-57%	17.7%	12.0	-58%	-56%	12.2%	8	-38%	-38%	35.0%
Total	57.3	-0.9%	-13%		98.9	13%	0.5%		22	-12%	-18%	



## MARKET TREND: ISSUERS

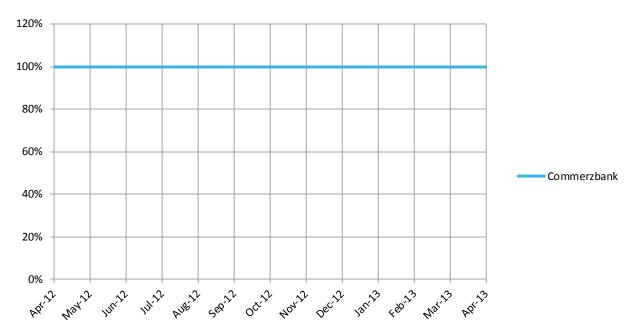
#### Value traded

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



## Number of transactions

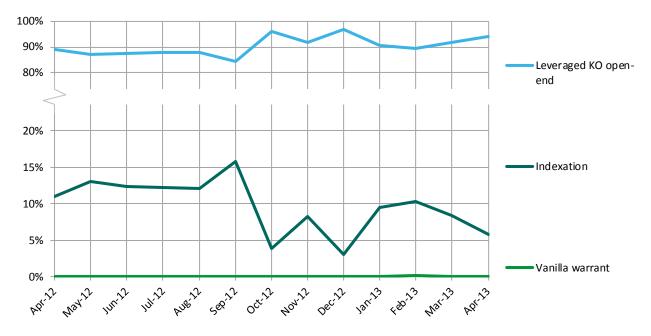
The historical graph below displays the weight of the traded volume of each issuer over the total traded volume on NYSE Euronext Brussels.



## MARKET TREND: PRODUCT TYPES

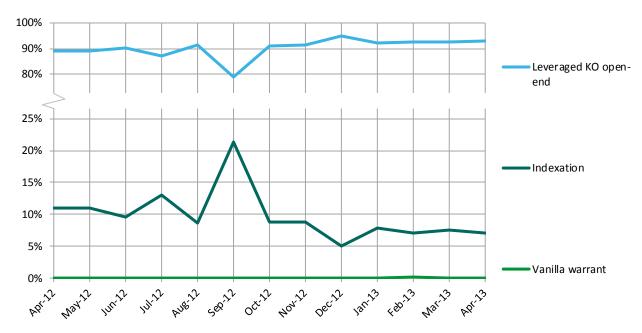
#### Value traded

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



## Number of transactions

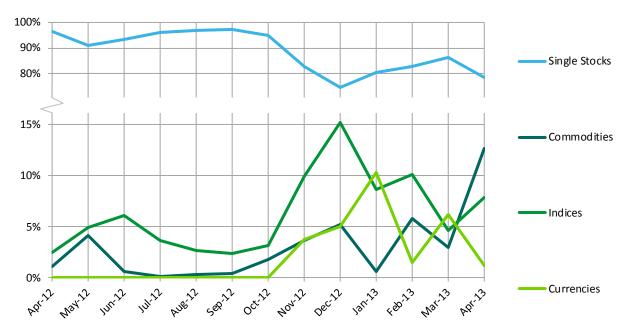
The historical graph below displays the weight of the traded volume of each product type over the total traded volume on NYSE Euronext Brussels.



## MARKET TREND: UNDERLYING TYPES

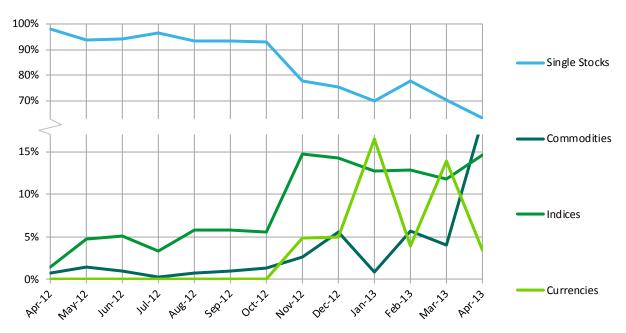
#### Value traded

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



## Number of transactions

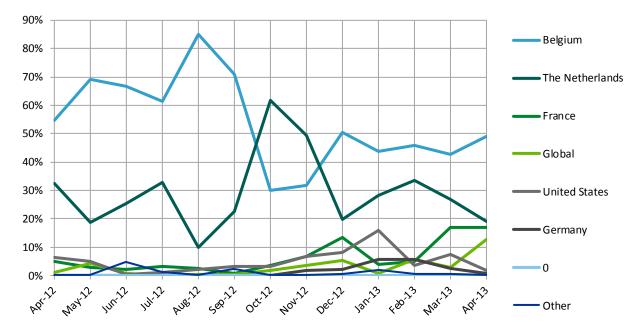
The historical graph below displays the weight of the traded volume of each underlying type over the total traded volume on NYSE Euronext Brussels.



## MARKET TREND: UNDERLYING COUNTRIES

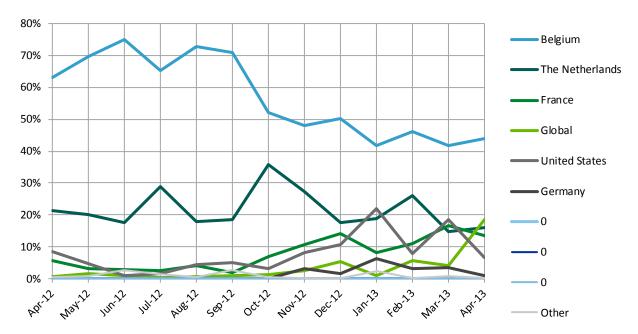
#### Value traded

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

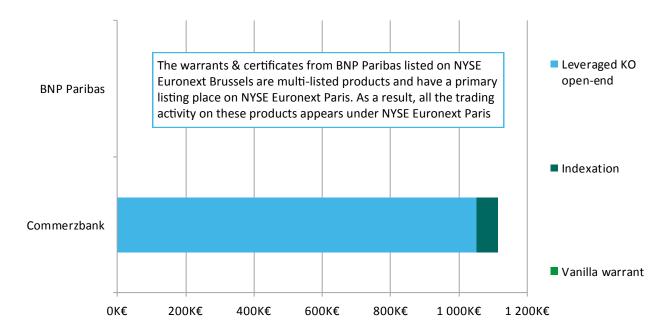


42 Market Activity Report - Warrants & Certificates - NYSE Euronext Brussels - April 2013

# **ISSUER ACTIVITY**

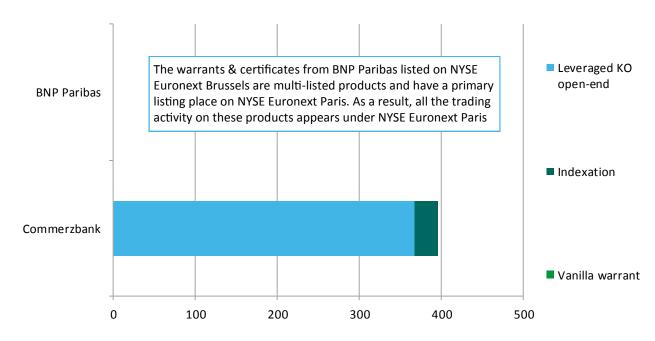
#### Value traded

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



#### Number of transactions

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

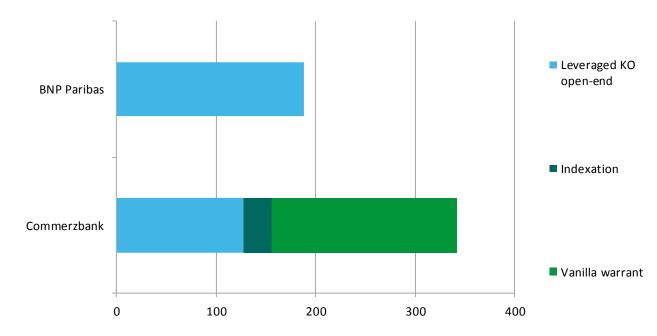


Market Activity Report - Warrants & Certificates - NYSE Euronext Brussels - April 2013 43

# **ISSUER ACTIVITY: NEW LISTINGS**

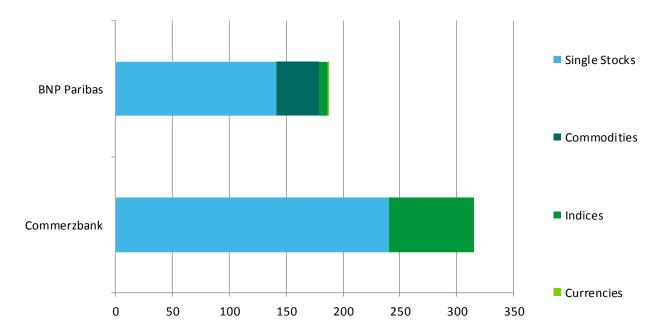
#### **Product types**

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

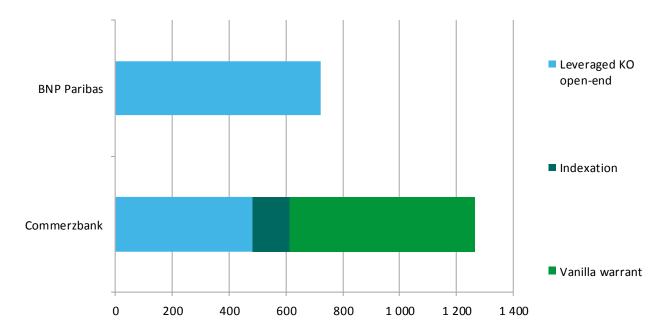


44 Market Activity Report - Warrants & Certificates - NYSE Euronext Brussels - April 2013

# **ISSUER ACTIVITY: PRODUCT RANGE**

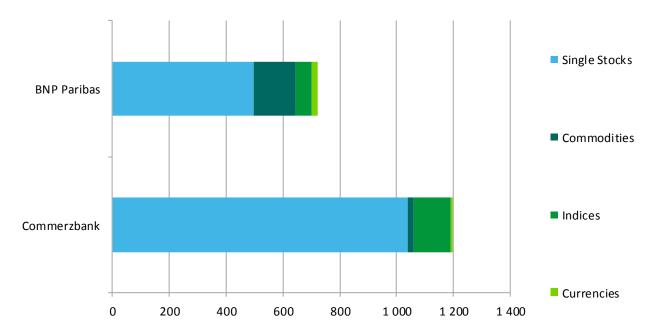
#### **Product types**

The chart below displays the number of existing product listings per product type for each issuer active on NYSE 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 - NYSE Euronext Brussels - April 2013 45

## Top 50 traded products

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

Trading symbol	ISIN Code	Product type	lssuer	Name	Number of trades	Value traded
68G3Z	DE000CM8LVN0	Loveraged KO open and	Commerzbank	NYRST 2.9TL OPENZ	36	<mark>(in K€)</mark> 107
16N3Z	DE000CM8MBW1	Leveraged KO open-end Leveraged KO open-end	Commerzbank	GBL 56TL OPENZ	16	107
		Leveraged KO open-end		BNP 33.8TL OPENZ	6	
15K3Z	DE000CM8LYA1	0 1	Commerzbank			68
92Q2Z	DE000CM8MDS5	Leveraged KO open-end	Commerzbank	AGEAS 23TL OPENZ	16	68
77P2Z	DE000CM8MCS7	Leveraged KO open-end	Commerzbank	AGEAS 21.5TL OPENZ	12	58
5508Z	DE000CB55QD3	Leveraged KO open-end	Commerzbank	BLCOM28.54TS OPENZ GDF 13.1TL OPENZ	2 3	45
64R1Z	DE000CM8MFK7	Leveraged KO open-end	Commerzbank			43
27U1Z	DE000CM8MKK7	Leveraged KO open-end BEST	Commerzbank	GOLD 1620TS OPENZ	23	42
79R1Z	DE000CM8MFW2	Leveraged KO open-end	Commerzbank	GOLD 1700TS OPENZ	17	36
85N3Z	DE000CM8MCB3	Leveraged KO open-end	Commerzbank	SOLVA 95TL OPENZ	9	35
92M1Z	DE000CM8LZR2	Leveraged KO open-end	Commerzbank	BRENT 100TL OPENZ	12	35
74G3Z	DE000CM8LVT7	Leveraged KO open-end	Commerzbank	TOTAL 35TL OPENZ	4	30
C275Z	DE000CM3XAD1	Leveraged KO open-end	Commerzbank	AEX 233.5TL OPENZ	1	27
81U1Z	DE000CM8MLF5	Leveraged KO open-end	Commerzbank	BLCOM 22TS OPENZ	4	23
83U1Z	DE000CM8MLH1	Leveraged KO open-end	Commerzbank	COFIN 87TL OPENZ	5	21
5507Z	DE000CB55QC5	Leveraged KO open-end	Commerzbank	BLCOM17.68TL OPENZ	4	21
22B1Z	DE000CM8LRF4	Leveraged KO open-end BEST	Commerzbank	BEL 3000TS OPENZ	18	20
78J3Z	DE000CM8LWN8	Leveraged KO open-end	Commerzbank	INBEV 61.5TL OPENZ	6	19
BC5CZ	DE000CB74TD8	Pure indexation	Commerzbank	BLCOM ACCOPENZ	4	18
87P2Z	DE000CM8MDB1	Leveraged KO open-end	Commerzbank	KBC 23.5TL OPENZ	9	16
62R1Z	DE000CM8MFH3	Leveraged KO open-end	Commerzbank	COFIN 85TL OPENZ	3	15
84P2Z	DE000CM8MCY5	Leveraged KO open-end	Commerzbank	COLRU 45TS OPENZ	3	15
AG5CZ	DE000CB74SZ3	Pure indexation	Commerzbank	AGEAS ACCOPENZ	1	12
14D3Z	DE000CM8LTG8	Leveraged KO open-end	Commerzbank	TOTAL 30TL OPENZ	3	12
12U2Z	DE000CM8MMA4	Leveraged KO open-end	Commerzbank	UMICO 39TS OPENZ	2	11
99U1Z	DE000CM8MLY6	Leveraged KO open-end	Commerzbank	UCB S 51TS OPENZ	2	11
SO5CZ	DE000CB74TB2	Pure indexation	Commerzbank	SOLVA ACCOPENZ	5	11
DE5CZ	DE000CB74SX8	Pure indexation	Commerzbank	DELHA ACCOPENZ	6	11
94M2Z	DE000CM8MAJ0	Leveraged KO open-end	Commerzbank	GOLD 1900TS OPENZ	3	11
45M3Z	DE000CM8MAT9	Leveraged KO open-end	Commerzbank	BNP 36.5TL OPENZ	2	10
18N3Z	DE000CM8MBY7	Leveraged KO open-end	Commerzbank	KBC 21.5TL OPENZ	5	9
97N2Z	DE000CM8MBN0	Leveraged KO open-end	Commerzbank	AGEAS 19.5TL OPENZ	3	8
65R1Z	DE000CM8MFL5	Leveraged KO open-end	Commerzbank	GDF 17TS OPENZ	3	8
34F2Z	DE000CM8LUE1	Leveraged KO open-end	Commerzbank	BEKB 16.5TL OPENZ	5	8
31M1Z	DE000CM8LZK7	Leveraged KO open-end	Commerzbank	CAC40 3300TL OPENZ	4	8
52Q3Z	DE000CM8MFD2	Leveraged KO open-end	Commerzbank	DAX 8200TS OPENZ	4	7
25U1Z	DE000CM8MKH3	Leveraged KO open-end BEST	Commerzbank	GOLD 1540TS OPENZ	5	7
M646Z	DE000CM8LPS1	Leveraged KO open-end	Commerzbank	UMICO 31TL OPENZ	3	7
13K3Z	DE000CM8LXY3	Leveraged KO open-end	Commerzbank	BEKB 24.5TS OPENZ	4	6
95D2Z	DE000CM8LSY3	Leveraged KO open-end	Commerzbank	GDF 14TL OPENZ	5	6
26M2Z	DE000CM8LZZ5	Leveraged KO open-end	Commerzbank	EUUSD 1.25TL OPENZ	5	6
87N3Z	DE000CM8MCD9	Leveraged KO open-end	Commerzbank	SOLVA 125TS OPENZ	2	6
34M1Z	DE000CM8LZN1	Leveraged KO open-end	Commerzbank	CAC40 4000TS OPENZ	17	6
54Q3Z	DE000CM8MEX3	Leveraged KO open-end	Commerzbank	CAC40 3550TL OPENZ	3	6
B992Z	DE000CM3WSS3	Leveraged KO open-end	Commerzbank	BEKB 11.23TL OPENZ	6	6
24K3Z	DE000CM8LYJ2	Leveraged KO open-end	Commerzbank	TELEN 32TL OPENZ	3	5
BE5PZ	DE000CB74UA2	Pure indexation	Commerzbank	BEKRT ACCOPENZ	4	5
13M1Z	DE000CM8LYT1	Leveraged KO open-end	Commerzbank	AEX 310TL OPENZ	2	5
15P1Z	DE000CM8MCG2	Leveraged KO open-end	Commerzbank	BEL 2250TL OPENZ	2	5
73U1Z	DE000CM8MKY8	Leveraged KO open-end	Commerzbank	AGEAS 25TL OPENZ	5	5



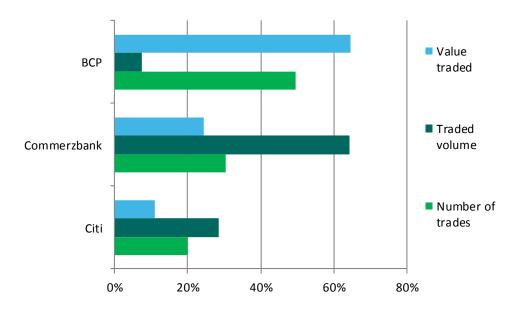
# NYSE Euronext Lisbon

#### Issuers

The table below displays the daily averages of traded value, traded volume and number of trades on NYSE Euronext Lisbon per issuer, as well as the variation over the previous month and the weight of each issuer over the total of NYSE 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	1,796.2	14%	-1.6%	64.6%	114.1	-0.3%	-18%	7.3%	320	8.3%	2.0%	49.6%
Commerzbank	679.9	26%	29%	24.5%	1,006.6	-8.7%	4.0%	64.2%	195	-8.0%	-0.2%	30.3%
Citi	302.5	-46%	-12%	10.9%	446.3	-27%	-1.1%	28.5%	130	7.5%	13%	20.1%
Total	2,778.6	3.4%	3.1%		1,567.1	-14%	0.5%		644	2.6%	3.4%	

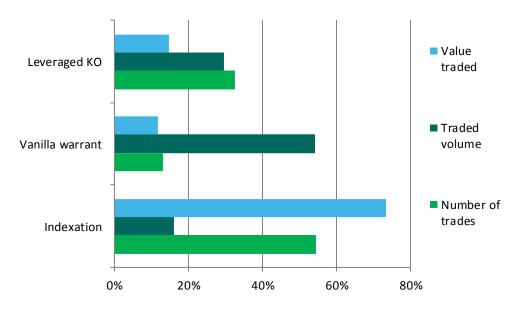


#### **Product types**

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

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

		Value t	raded			Traded	volume		Number of trades				
Product type	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market	
	average	on		share	average	on		share	average	on		share	
	(in K€)	month			(in K€)	month				month			
Leveraged KO	410.3	-16%	-15%	14.8%	462.1	-39%	-33%	29.5%	209	-8.5%	0.0%	32.4%	
Vanilla warrant	329.4	-34%	28%	11.9%	851.3	5.3%	39%	54.3%	85	24%	28%	13.2%	
Indexation	2,038.9	20%	4.3%	73.4%	253.7	-3.2%	0.5%	16.2%	351	6.0%	0.7%	54.4%	
Total	2,778.6	3.4%	3.1%		1,567.1	-14%	0.5%		644	2.6%	3.4%		

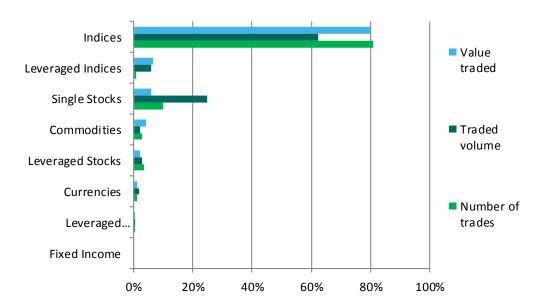


#### **Underlying types**

The table below displays the daily averages of traded value, traded volume and number of trades on NYSE 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 NYSE Euronext Lisbon.

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

		Value traded Daily Month vs. YTD Market				Traded v	olume		Ν	lumber o	oftrades	
Underlying type	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market
	average	on		share	average	on		share	average	on		share
	(in K€)	month			(in K€)	month				month		
Indices	2,219.1	-4.3%	-1.4%	79.9%	978.1	-30%	-16%	62.4%	521	1.2%	3.7%	80.9%
Leveraged Indices	180.9	233%	167%	6.5%	91.8	86%	119%	5.9%	6	-3.3%	14%	1.0%
Single Stocks	168.0	21%	-8.2%	6.0%	388.5	61%	55%	24.8%	65	20%	0.9%	10.0%
Commodities	112.6	42%	1.3%	4.1%	31.5	27%	50%	2.0%	19	53%	24%	3.0%
Leveraged Stocks	59.5	-1.0%	-0.4%	2.1%	46.4	-44%	-30%	3.0%	22	-19%	-18%	3.5%
Currencies	35.0	6.8%	83%	1.3%	29.9	34%	106%	1.9%	8	-22%	30%	1.3%
Leveraged Commodities	3.3	15%	26%	0.1%	0.9	-94%	-79%	0.1%	3	51%	12%	0.4%
Fixed Income												
Total	2,778.6	3.4%	3.1%		1,567.1	-14%	0.5%		644	2.6%	3.4%	

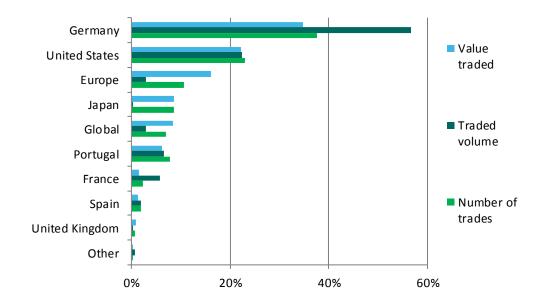


#### Top 10 underlying countries

The table below displays the daily averages of traded value, traded volume and number of trades on NYSE 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 NYSE 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	965.6	-11%	9.5%	34.8%	889.6	-25%	-3.3%	56.8%	242	-3.6%	6.5%	37.5%
United States	618.2	18%	17%	22.2%	351.6	41%	40%	22.4%	149	13%	12%	23.1%
Europe	449.1	-4.5%	-19%	16.2%	45.6	-29%	-42%	2.9%	68	-15%	-19%	10.6%
Japan	239.1	50%	53%	8.6%	1.8	38%	39%	0.1%	56	49%	53%	8.6%
Global	233.8	26%	-12%	8.4%	44.6	-11%	11%	2.8%	45	20%	-3.6%	7.0%
Portugal	171.6	31%	-7.9%	6.2%	101.5	8.8%	29%	6.5%	51	10%	-8.9%	7.9%
France	41.3	-21%	11%	1.5%	91.8	62%	37%	5.9%	15	-13%	3.0%	2.4%
Spain	35.6	-27%	-44%	1.3%	30.6	-75%	-68%	2.0%	13	-38%	-32%	2.0%
United Kingdom	23.1	26%	70%	0.8%	0.4	27%	70%	0.0%	4	13%	45%	0.7%
Other	1.2	-90%	-86%	0.0%	9.6	-12%	-62%	0.6%	2	-37%	-56%	0.3%
Total	2,778.6	3.4%	3.1%		1,567.1	-14%	0.5%		644	2.6%	3.4%	

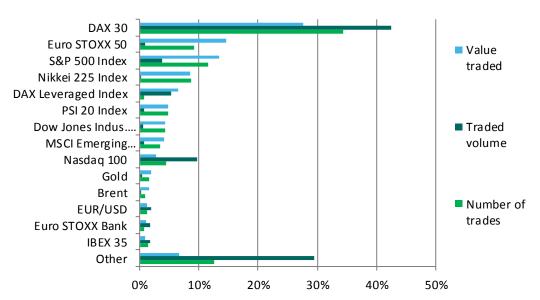


## Top 15 underlyings

The table below displays the daily averages of traded value, traded volume and number of trades on NYSE 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 NYSE 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.

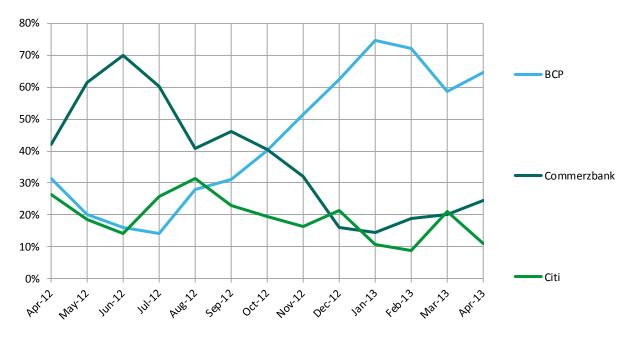
	Value traded					Traded	volume		Ν	lumber o	oftrades	
Underlying	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market
	average	on		share	average	on		share	average	on		share
	(in K€)	month			(in K)	month				month		
DAX 30	768.4	-25%	-5.0%	27.7%	666.1	-38%	-19%	42.5%	221	-6.3%	2.7%	34.3%
Euro STOXX 50	403.7	9.2%	-12%	14.5%	15.3	11%	-11%	1.0%	59	-5.7%	-17%	9.2%
S&P 500 Index	371.3	16%	15%	13.4%	58.9	31%	32%	3.8%	74	15%	13%	11.5%
Nikkei 225 Index	239.1	50%	53%	8.6%	1.8	38%	39%	0.1%	56	49%	53%	8.6%
DAX Leveraged Index	179.4	248%	186%	6.5%	82.2	218%	183%	5.2%	5	48%	106%	0.8%
PSI 20 Index	131.7	28%	-12%	4.7%	10.9	126%	90%	0.7%	31	14%	-13%	4.8%
Dow Jones Indus. Avg.	118.1	35%	42%	4.3%	8.0	149%	72%	0.5%	28	40%	40%	4.3%
MSCI Emerging Markets	114.8	14%	-23%	4.1%	11.3	18%	-20%	0.7%	22	-1.2%	-21%	3.5%
Nasdaq 100	75.2	86%	5.6%	2.7%	153.1	97%	57%	9.8%	29	39%	21%	4.5%
Gold	55.5	31%	-13%	2.0%	7.5	-48%	21%	0.5%	10	44%	20%	1.6%
Brent	43.3	53%	30%	1.6%	3.7	60%	36%	0.2%	6	87%	63%	0.9%
EUR/USD	35.0	6.8%	83%	1.3%	29.9	34%	106%	1.9%	8	-22%	30%	1.3%
Euro STOXX Bank	30.4	-38%	-55%	1.1%	28.2	-36%	-51%	1.8%	5	-27%	-33%	0.8%
IBEX 35	27.2	-34%	-52%	1.0%	28.3	-76%	-70%	1.8%	9	-46%	-42%	1.4%
Other	185.5	-22%	-3.8%	6.7%	461.8	22%	32%	29.5%	82	-8.6%	-3.1%	12.7%
Total	2,778.6	3.4%	3.1%		1,567.1	-14%	0.5%		644	2.6%	3.4%	



## MARKET TREND: ISSUERS

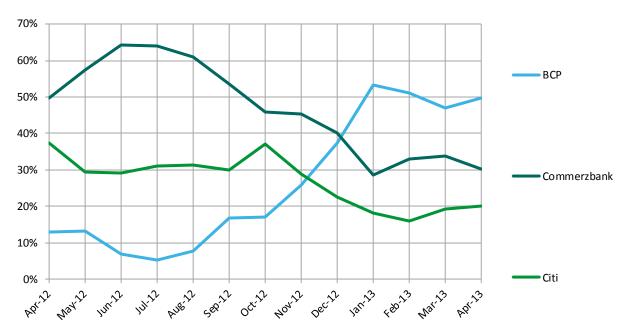
#### Value traded

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



#### Number of transactions

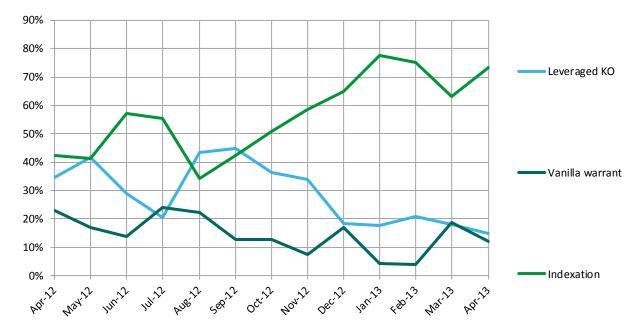
The historical graph below displays the weight of the traded volume of each issuer over the total traded volume on NYSE Euronext Lisbon.



## MARKET TREND: PRODUCT TYPES

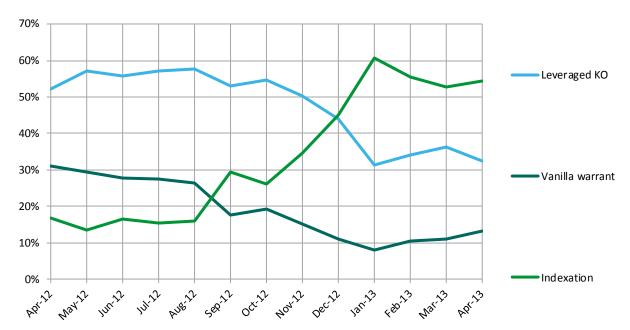
#### Value traded

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



## Number of transactions

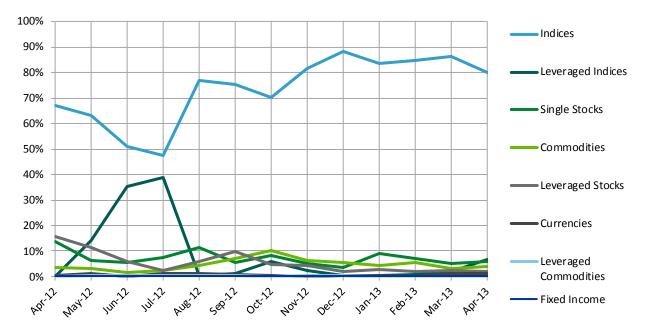
The historical graph below displays the weight of the traded volume of each product type over the total traded volume on NYSE Euronext Lisbon.



## MARKET TREND: UNDERLYING TYPES

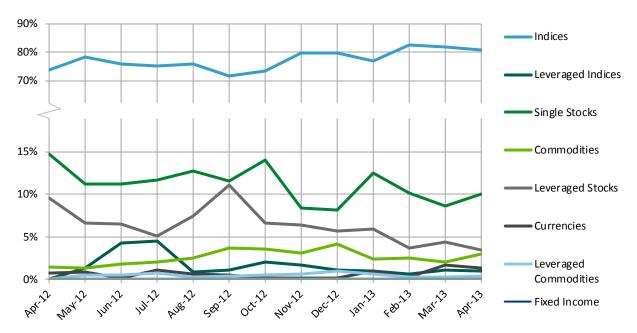
#### Value traded

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



#### Number of transactions

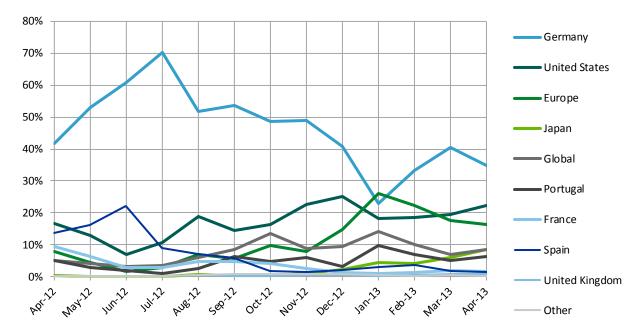
The historical graph below displays the weight of the traded volume of each underlying type over the total traded volume on NYSE Euronext Lisbon.



## MARKET TREND: UNDERLYING COUNTRIES

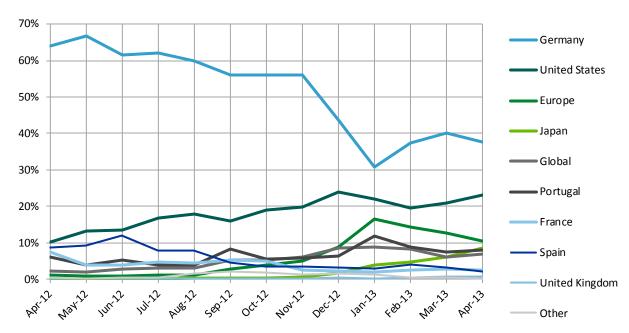
#### Value traded

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



## Number of transactions

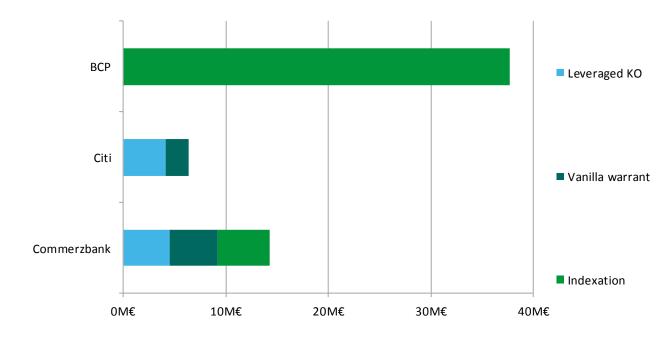
The historical graph below displays the weight of the traded volume of each underlying country of origin over the total traded volume on NYSE Euronext Lisbon.



# **ISSUER ACTIVITY**

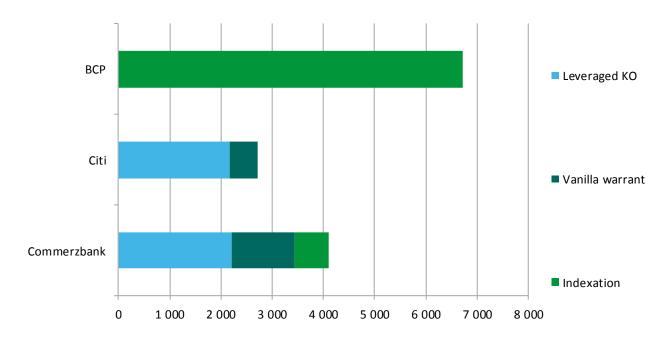
#### Value traded

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



## Number of transactions

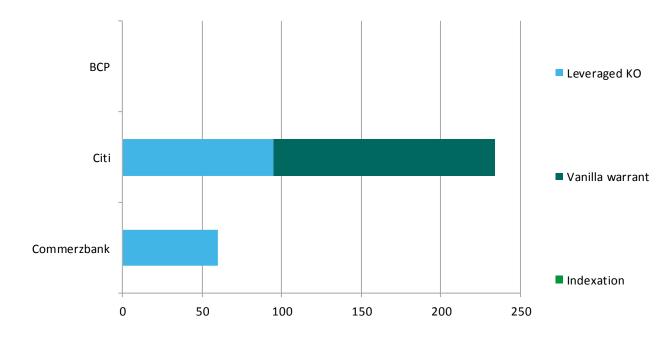
The chart below displays the number of trades per product type for each issuer active on NYSE Euronext Lisbon.



# **ISSUER ACTIVITY: NEW LISTINGS**

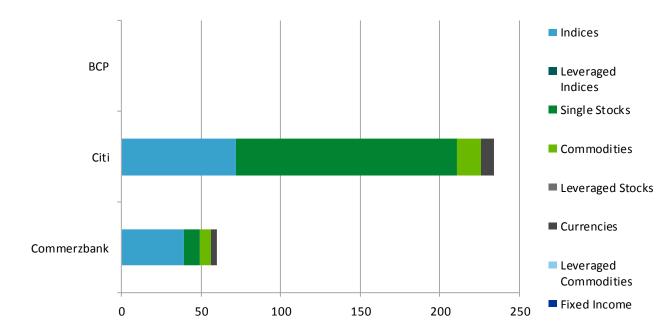
#### **Product types**

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

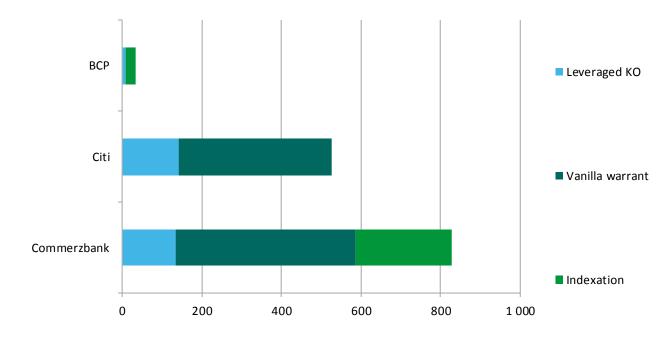


58 Market Activity Report - Warrants & Certificates - NYSE Euronext Lisbon - April 2013

# **ISSUER ACTIVITY: PRODUCT RANGE**

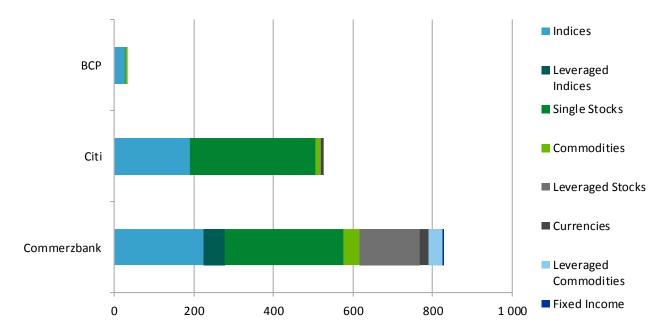
#### **Product types**

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



## **Underlying types**

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



Market Activity Report - Warrants & Certificates - NYSE Euronext Lisbon - April 2013 59

# **TOP 50 TRADED PRODUCTS**

## Top 50 traded products

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

Trading symbol	ISIN Code	Product type	lssuer	Name	Number of trades	Value traded (in K€)
1025P	PTBIVRYE0068	Pure indexation	ВСР	ESTX PI OPENP	1,249	8,477
1029P	PTBITAYE0046	Pure indexation	BCP	SP500 PI OPENP	1,410	7,544
1032P	PTBCS1YE0010	Pure indexation	BCP	NIKEI PI OPENP	1,166	5,021
1027P	PTBITEYE0034	Pure indexation	BCP	DAX PI OPENP	509	4,343
DAXQZ	DE000CZ28JM5	Pure indexation	Commerzbank	DAXQZ ACCOPENZ	110	3,768
1028P	PTBIY1YE0064	Pure indexation	BCP	PSI 2 PI OPENP	536	2,576
1026P	PTBIYZYE0040	Pure indexation	BCP	DJIND PI OPENP	558	2,439
1033P	PTBCTFYE0013	Pure indexation	BCP	MSCIE PI OPENP	467	2,410
8673C	DE000CT9HLN0	Vanilla warrant	Citi	DAX 7800C 0913C	19	1,172
1047P	PTBIWWYE0052	Pure indexation	BCP	GOLDF PLOPENP	131	1,034
W682Z	DE000CK5EJT5	Leveraged KO	Commerzbank	DAX 7400TL 0613Z	343	951
1039P	PTBIZJYE0064	Pure indexation	BCP	BRENT PLOPENP	120	909
1033P	PTBCLOYE0028	Pure indexation	BCP	ESTBK PI OPENP	120	639
W227Z	DE000CK5EB08	Vanilla warrant	Commerzbank	DAX 8000C 0613Z	89	635
W575Z		Vanilla warrant	Commerzbank	EUUSD 1.3C 0613Z	89 76	584
	DE000CK5EQK9					
8833C	DE000CT9HRB2	Leveraged KO	Citi	DAX 7400TL 0613C	174	519
8697C	DE000CT9HMC1	Vanilla warrant	Citi	DAX 7600P 1213C	5	507
1024P	PTBIXQYE0026	Pure indexation	BCP	FTSE PI OPENP	94	485
1050P	PTBIWBYE0057	Pure indexation	BCP	NASDQ PI OPENP	74	419
W769Z	DE000CK5EUZ9	Vanilla warrant	Commerzbank	NASDQ 2800P 0613Z	51	413
1040P	PTBIWKYE0023	Pure indexation	BCP	CAC40 PI OPENP	68	379
W895Z	DE000CK5EKC9	Leveraged KO	Commerzbank	DAX 7550TL 0613Z	205	328
V164Z	DE000CK5ELC7	Leveraged KO	Commerzbank	DAX 7900TS 0613Z	130	311
V031Z	DE000CK5EKH8	Leveraged KO	Commerzbank	DAX 7600TL 0613Z	161	298
V111Z	DE000CK5EL89	Leveraged KO	Commerzbank	DAX 8050TS 0613Z	144	286
8839C	DE000CT9HRH9	Leveraged KO	Citi	DAX 8200TS 0613C	71	259
8900C	DE000CT9HT85	Leveraged KO	Citi	DAX 7400TL 0913C	56	238
8585C	DE000CT9HJ20	Leveraged KO	Citi	DAX 7325TL0613C	78	234
V039Z	DE000CK5EKR7	Leveraged KO	Commerzbank	DAX 7750TL0613Z	110	233
8868C	DE000CT9HS52	Leveraged KO	Citi	DAX 8050TS 0613C	86	229
8837C	DE000CT9HRF3	Leveraged KO	Citi	DAX 8100TS 0613C	166	219
1023P	PTBIXRYE0025	Pure indexation	BCP	IBEX PI OPENP	26	216
W516Z	DE000CK5EN20	Vanilla warrant	Commerzbank	DAX 7800C 0613Z	40	215
8869C	DE000CT9HSB0	Leveraged KO	Citi	DAX 7150TL0613C	27	211
8835C	DE000CT9HRD8	Leveraged KO	Citi	DAX 7500TL 0613C	165	205
W515Z	DE000CK5EN12	Vanilla warrant	Commerzbank	DAX 7600C 0613Z	28	202
BNP3Z	DE000CZ28KM3	Pure indexation	Commerzbank	BNP3Z ACCOPENZ	40	196
W711Z	DE000CK5EK49	Leveraged KO	Commerzbank	DAX 7300TL0613Z	111	188
1042P	PTBIWYYE0050	Pure indexation	BCP	WHEAT PI OPENP	35	188
8836C	DE000CT9HRE6	Leveraged KO	Citi	DAX 7550TL0613C	94	182
V190Z	DE000CK5ELH6	Leveraged KO	Commerzbank	DAX 7850TS 0613Z	101	177
V162Z	DE000CK5ELA1	Leveraged KO	Commerzbank	DAX 8000TS 0613Z	59	175
W519Z	DE000CK5EN53	Vanilla warrant	Commerzbank	DAX 7800P 0613Z	23	172
V045Z	DE000CK5EKX5	Leveraged KO	Commerzbank	DAX 8100TS 0613Z	40	167
8626C	DE000CT9HK92	Vanilla warrant	Citi	ALLIA 110C 0613C	94	156
W767Z	DE000CK5EUX4	Vanilla warrant	Commerzbank	NASDQ 2800C 0613Z	22	143
1038P	PTBIWIYE0019	Pure indexation	BCP	MVGEU PI OPENP	40	143
W729Z	DE000CK5ETT4	Vanilla warrant	Commerzbank	DAX 7300P 0613Z	8	141
8887C	DE000CT9HSV8	Leveraged KO	Citi	DAX 7950TS 0613C	75	136
8829C	DE000CT9HR79	Leveraged KO	Citi	DAX 7000TL 0613C	26	134
	YSE Euronext)		0.0.			-01



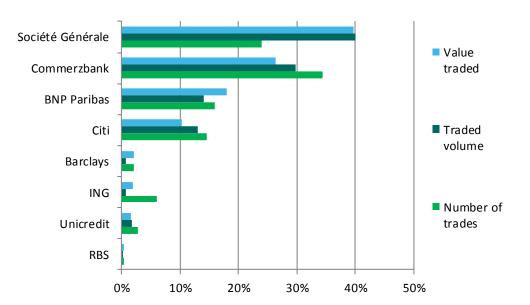
# NYSE Euronext Paris

#### Issuers

The table below displays the daily averages of traded value, traded volume and number of trades on NYSE Euronext Paris per issuer, as well as the variation over the previous month and the weight of each issuer over the total of NYSE 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	volume		Ν	lumber c	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		
Société Générale	10.0	7.3%	6.4%	39.7%	16.7	-5.6%	13%	40.1%	1,755	7.0%	7.3%	23.9%
Commerzbank	6.6	-0.7%	3.8%	26.4%	12.4	-7.0%	-0.8%	29.8%	2,515	-0.4%	4.4%	34.3%
BNP Paribas	4.5	9.7%	20%	17.9%	5.9	-8.3%	0.0%	14.1%	1,166	-2.9%	-2.2%	15.9%
Citi	2.6	-19%	-11%	10.2%	5.4	-16%	-13%	13.0%	1,068	-13%	-12%	14.6%
Barclays	0.5	13%	-7.4%	2.0%	0.3	0.7%	-26%	0.7%	156	-9.3%	-16%	2.1%
ING	0.5	-1.1%	4.9%	1.8%	0.3	1.9%	-15%	0.6%	442	5.8%	11%	6.0%
Unicredit	0.4	-6.3%	-0.7%	1.6%	0.7	35%	-2.8%	1.8%	205	-15%	6.3%	2.8%
RBS	0.1	5.2%	-1.8%	0.3%	0.0	419%	149%	0.1%	20	39%	26%	0.3%
Total	25.0	1.9%	5.2%		41.8	-7.2%	2.0%		7,326	-1.6%	1.1%	

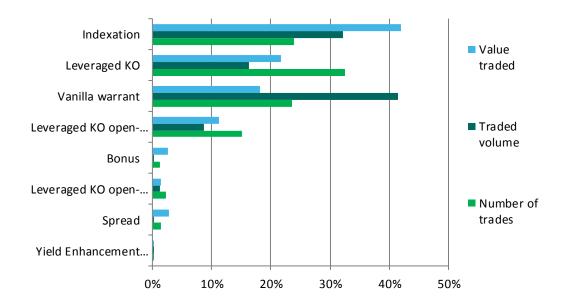


## Product types

The table below displays the daily averages of traded value, traded volume and number of trades on NYSE Euronext Paris per issuer, as well as the variation over the previous month and the weight of each issuer over the total of NYSE 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 Daily Month vs. YTD Market					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		
Indexation	10.5	14%	13%	42.0%	13.5	-4.6%	21%	32.2%	1,755	17%	20%	24.0%
Leveraged KO	5.4	-4.3%	-2.6%	21.7%	6.8	-4.8%	-5.4%	16.3%	2,384	0.0%	-0.6%	32.5%
Vanilla warrant	4.6	-13%	1.4%	18.2%	17.3	-9.9%	-5.5%	41.4%	1,728	-18%	-9.6%	23.6%
Leveraged KO open-end	2.8	0.6%	-3.3%	11.2%	3.6	-11%	-6.2%	8.6%	1,104	-2.3%	-2.9%	15.1%
Bonus	0.7	-19%	-3.4%	2.6%	0.1	-9.7%	-19%	0.1%	93	-20%	-17%	1.3%
Leveraged KO open-end BEST	0.4	9.4%	-0.1%	1.4%	0.5	27%	22%	1.2%	160	43%	21%	2.2%
Spread	0.7	44%	53%	2.8%	0.0	52%	57%	0.0%	101	1.5%	19%	1.4%
Yield Enhancement & Other	0.0	-11%	-69%	0.0%	0.0	91%	-25%	0.0%	2	-33%	-55%	0.0%
Total	25.0	1.9%	5.2%		42	-7.2%	2.0%		7,326	-1.6%	1.1%	

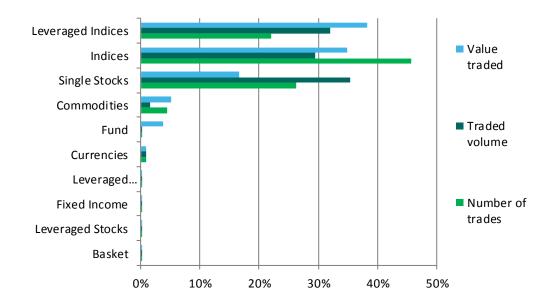


#### **Underlying types**

The table below displays the daily averages of traded value, traded volume and number of trades on NYSE 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 NYSE 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		
Leveraged Indices	9.6	13%	13%	38.2%	13.4	-4.7%	22%	32.1%	1,618	15%	19%	22.1%
Indices	8.7	-4.5%	4.9%	34.8%	12.4	-2.0%	4.7%	29.6%	3,343	-0.8%	6.3%	45.6%
Single Stocks	4.1	-18%	-15%	16.6%	14.8	-15%	-13%	35.4%	1,928	-18%	-17%	26.3%
Commodities	1.3	32%	2.8%	5.2%	0.7	92%	31%	1.7%	321	77%	18%	4.4%
Fund	1.0	63%	111%	3.9%	0.1	62%	111%	0.2%	8	-46%	-37%	0.1%
Currencies	0.2	-5.7%	-24%	0.9%	0.4	-4.9%	-1.5%	0.9%	63	-20%	-28%	0.9%
Leveraged Commodities	0.1	177%	58%	0.3%	0.0	11%	29%	0.0%	20	78%	35%	0.3%
Fixed Income	0.0	-10.0%	-32%	0.1%	0.0	14%	17%	0.0%	15	62%	29%	0.2%
Leveraged Stocks	0.0	-32%	-39%	0.1%	0.0	-54%	-62%	0.1%	8	-34%	-38%	0.1%
Basket	0.0	-68%	-21%	0.0%	0.0	72%	48%	0.0%	2	96%	27%	0.0%
Total	25.0	1.9%	5.2%		42	-7.2%	2.0%		7,326	-1.6%	1.1%	

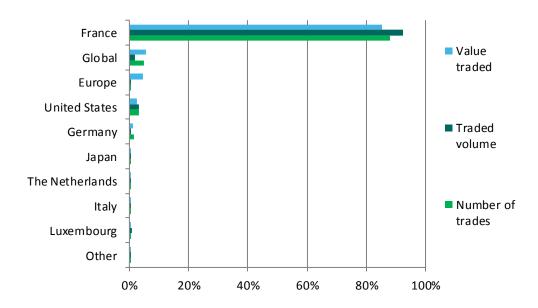


#### Top 10 underlying countries

The table below displays the daily averages of traded value, traded volume and number of trades on NYSE 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 NYSE 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	21.4	-0.8%	4.7%	85.2%	38.6	-8.4%	1.9%	92.5%	6,454	-3.5%	1.0%	88.1%
Global	1.4	32%	3.6%	5.7%	0.7	78%	22%	1.7%	356	70%	15%	4.9%
Europe	1.1	56%	99%	4.4%	0.2	66%	82%	0.4%	43	-17%	17%	0.6%
United States	0.6	18%	-7.7%	2.4%	1.3	9.6%	0.8%	3.1%	225	4.0%	-5.9%	3.1%
Germany	0.3	-34%	-40%	1.1%	0.1	-57%	-57%	0.4%	117	-8.2%	-5.6%	1.6%
Japan	0.1	93%	-15%	0.4%	0.1	84%	12%	0.2%	28	68%	22%	0.4%
The Netherlands	0.1	-2.8%	-24%	0.3%	0.2	-5.7%	-18%	0.4%	37	3.3%	-27%	0.5%
Italy	0.1	0.0%	2.6%	0.2%	0.1	-17%	-11%	0.2%	8	-7.9%	-1.8%	0.1%
Luxembourg	0.0	-48%	-12%	0.2%	0.4	-0.2%	46%	0.9%	39	-35%	6.0%	0.5%
Other	0.0	-42%	-47%	0.2%	0.1	-24%	-11%	0.3%	18	-31%	-33%	0.2%
Total	25.0	1.9%	5.2%		42	-7.2%	2.0%		7,326	-1.6%	1.1%	

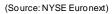


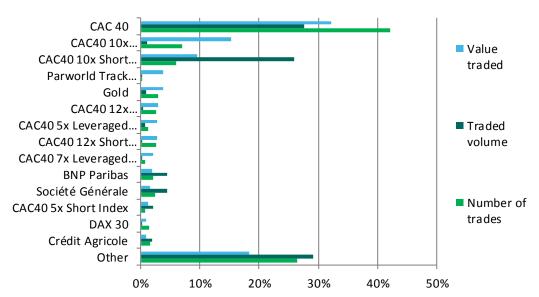
## Top 15 underlyings

The table below displays the daily averages of traded value, traded volume and number of trades on NYSE 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 NYSE 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	8.1	-4.4%	7.4%	32.1%	11.6	-1.9%	6.5%	27.7%	3,085	-1.5%	5.9%	42.1%
CAC40 10x Leveraged Index	3.8	4.6%	0.7%	15.3%	0.5	36%	24%	1.1%	515	13%	5.2%	7.0%
CAC40 10x Short Index	2.4	13%	12%	9.6%	10.8	-6.2%	21%	26.0%	436	10%	8.0%	5.9%
Parworld Track Continental Europ	1.0	63%	111%	3.9%	0.1	62%	111%	0.2%	8	-46%	-37%	0.1%
Gold	0.9	46%	21%	3.7%	0.4	143%	49%	1.0%	214	125%	41%	2.9%
CAC40 12x Leveraged Index	0.7	39%	80%	3.0%	0.2	101%	115%	0.4%	192	32%	66%	2.6%
CAC40 5x Leveraged Index	0.7	19%	6.7%	2.7%	0.3	27%	10%	0.8%	88	11%	11%	1.2%
CAC40 12x Short Index	0.7	50%	89%	2.7%	0.1	78%	124%	0.3%	186	38%	93%	2.5%
CAC40 7x Leveraged Index	0.5	35%	5.8%	2.2%	0.0	59%	16%	0.1%	53	21%	23%	0.7%
BNP Paribas	0.5	11%	9.7%	1.9%	1.9	5.8%	12%	4.5%	150	-1.1%	-1.6%	2.0%
Société Générale	0.4	-24%	-12%	1.5%	1.9	-25%	-7.4%	4.4%	184	-26%	-9.8%	2.5%
CAC40 5x Short Index	0.3	-27%	0.0%	1.2%	0.9	-28%	7.0%	2.1%	59	7.3%	14%	0.8%
DAX 30	0.2	-41%	-45%	0.9%	0.1	-60%	-60%	0.3%	100	-13%	-8.2%	1.4%
Crédit Agricole	0.2	-28%	-34%	0.8%	0.8	-34%	-37%	2.0%	115	-15%	-14%	1.6%
Other	4.6	-10%	-13%	18.3%	12.2	-11%	-12%	29.1%	1,941	-13%	-15%	26.5%
Total	25.0	1.9%	5.2%		42	-7.2%	2.0%		7,326	-1.6%	1.1%	

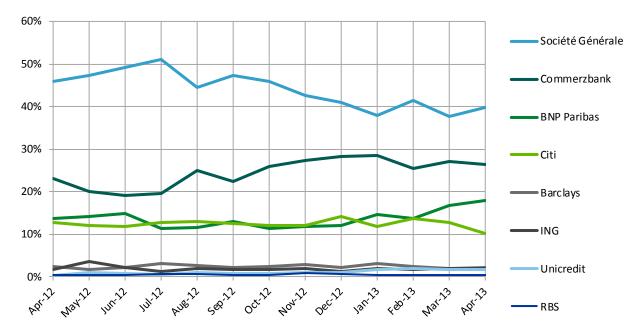




## MARKET TREND: ISSUERS

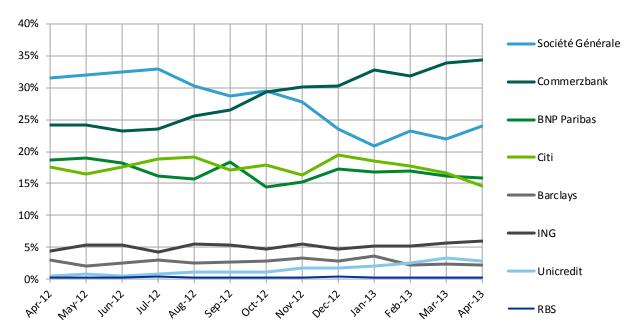
#### Value traded

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



## Number of transactions

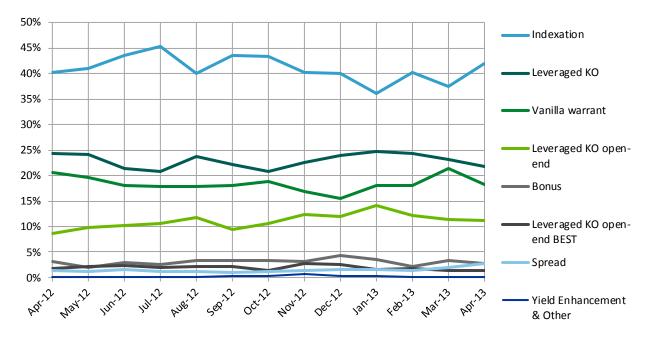
The historical graph below displays the weight of the traded volume of each issuer over the total traded volume on NYSE Euronext Paris.



## MARKET TREND: PRODUCT TYPES

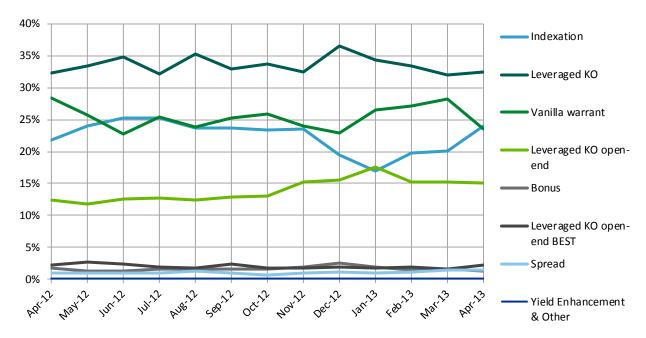
#### Value traded

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



#### Number of transactions

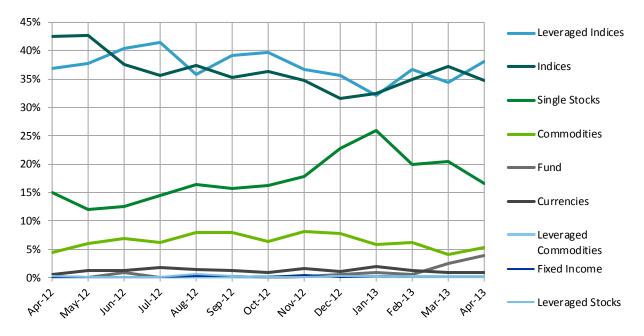
The historical graph below displays the weight of the traded volume of each product type over the total traded volume on NYSE Euronext Paris.



## MARKET TREND: UNDERLYING TYPES

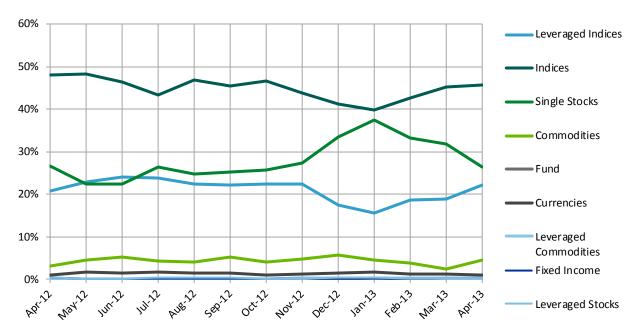
#### Value traded

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



## Number of transactions

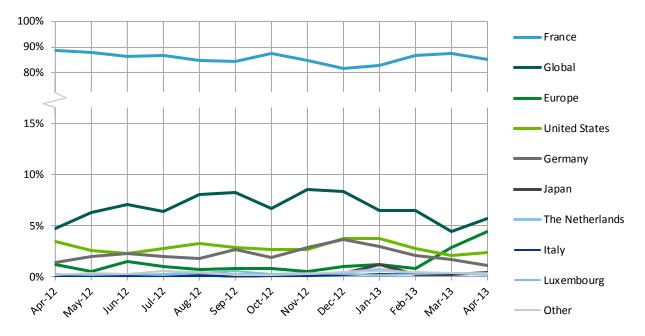
The historical graph below displays the weight of the traded volume of each underlying type over the total traded volume on NYSE Euronext Paris.



## MARKET TREND: UNDERLYING COUNTRIES

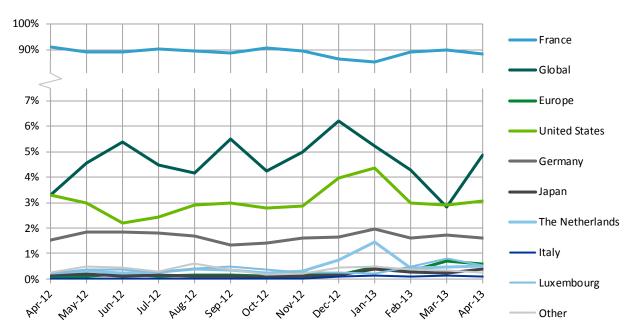
#### Value traded

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



## Number of transactions

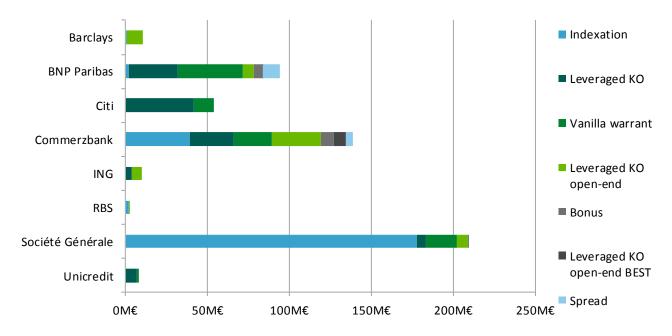
The historical graph below displays the weight of the traded volume of each underlying country of origin over the total traded volume on NYSE Euronext Paris.



# **ISSUER ACTIVITY**

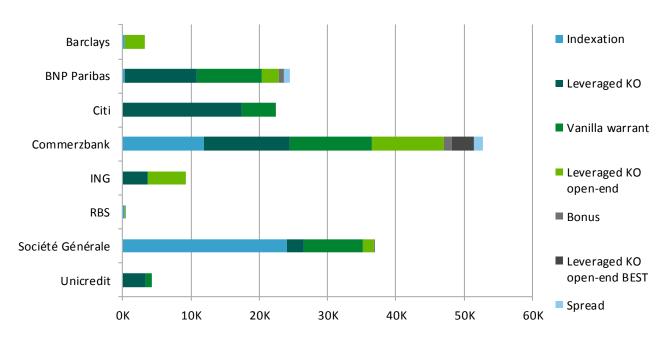
#### Value traded

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



## Number of transactions

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

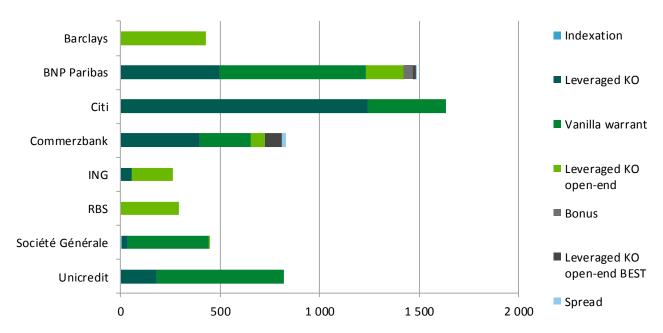


Market Activity Report - Warrants & Certificates - NYSE Euronext Paris - April 2013 71

# **ISSUER ACTIVITY: NEW LISTINGS**

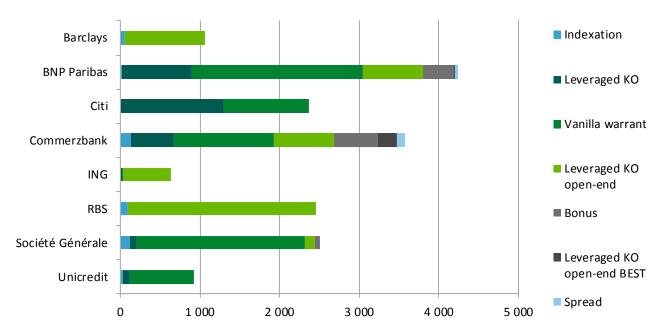
## **Product types**

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

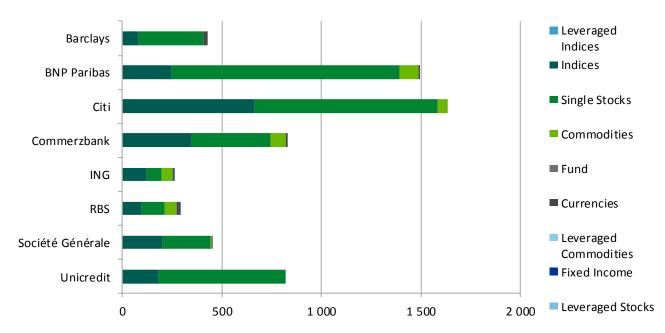


72 Market Activity Report - Warrants & Certificates - NYSE Euronext Paris - April 2013

# **ISSUER ACTIVITY: PRODUCT RANGE**

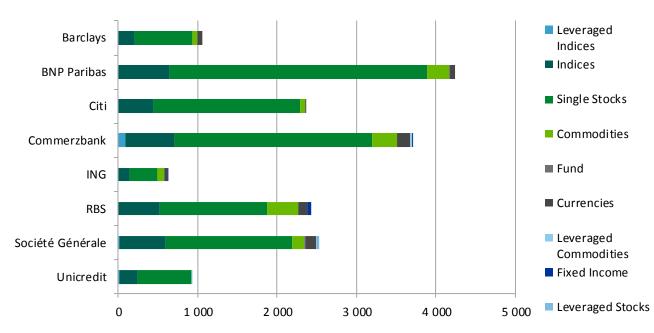
#### **Product types**

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



## **Underlying types**

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

Trading symbol	ISIN Code	Product type	lssuer	Name	Number of trades	Value traded (in K€)
6998S	FR0011214527	Pure indexation	Société Générale	CAC10 PI OPENS	9,468	78,002
6999S	FR0011214535	Pure indexation	Société Générale	CAC10 PI OPENS	7,144	35,857
LV12Z	DE000CK9RD98	Pure indexation	Commerzbank	CAC40 PI OPENZ	4,022	15,742
SH12Z	DE000CK9RDA2	Pure indexation	Commerzbank	CAC40 PI OPENZ	3,903	14,330
77315	FR0010961078	Pure indexation	Société Générale	CAC5L PI OPENS	1,743	13,668
CS10S	FR0011451087	Pure indexation	Société Générale	CA10S PI OPENS	460	11,191
6940S	FR0011119395	Pure indexation	Société Générale	CAC7L PI OPENS	898	10,929
K003B	NL0010309084	Vanilla warrant	BNP Paribas	PWLDT80.71C 0523B	129	10,921
K002B	NL0010309076	Vanilla warrant	<b>BNP</b> Paribas	PWLDT81.81C 0423B	3	8,758
7734S	FR0010961102	Pure indexation	Société Générale	CAC5S PI OPENS	1,088	5,781
9202S	FR0010673350	Pure indexation Quanto	Société Générale	GOLD PIQOPENS	375	5,191
6947S	FR0011130350	Pure indexation	Société Générale	CAC7S PI OPENS	900	3,880
SH10Z	DE000CZ28ZD0	Pure indexation	Commerzbank	SH10Z FACOPENZ	1,550	3,422
77185	FR0010956656	Pure indexation	Société Générale	GOLD PI OPENS	17	2,717
LV10Z	DE000CZ28ZC2	Pure indexation	Commerzbank	LV10Z FACOPENZ	1,355	2,602
4E12Z	DE000CZ5KA09	Leveraged KO	Commerzbank	CAC40 3875TS 0613Z	351	2,125
01565	FR0011374446	Leveraged KO open-end	Société Générale	CAC40 3400TL OPENS	436	1,924
H729B	FR0011440031	Spread	BNP Paribas	CAC40 3900FLP0413B	106	1,862
2W45Z	DE000CK9QF06	Vanilla warrant	Commerzbank	BNP 37P 0613Z	172	1,676
1126C	DE000CT9N489	Leveraged KO	Citi	CAC40 3900TS 06132	589	1,629
Z937B	FR0011388115	Leveraged KO	BNP Paribas	CAC40 4000TPS0613B	253	1,513
J508B	FR0011469204	Spread	BNP Paribas	CAC40 3500CAP0513B	90	1,515
Z936B	FR0011388107	Leveraged KO	BNP Paribas	CAC40 3900TPS0613B	258	1,508
8Y67Z	DE000CK9RT90	Vanilla warrant	Commerzbank	CAC40 3600C 0513Z	204	1,422
D944K	FR0011376417	Leveraged KO open-end	Barclays	PEUGO 4.8TCIOPENK	143	1,422
8E91Z	DE000CZ5KMK8	Leveraged KO	Commerzbank	CAC40 3825TS 0613Z	238	1,338
A253B	FR0011410323	Spread	BNP Paribas	CAC40 3300CAP0613B	238 69	1,338
37655	FR0011410323	Leveraged KO	Société Générale	CAC40 3300CAP0013B	421	1,242
2J45Z	DE000CZ5KTH9	Leveraged KO	Commerzbank	CAC40 388013 06133	421	1,230
2J452 1W98Z		-	Commerzbank		430	1,214
A254B	DE000CK9QE15 FR0011410349	Leveraged KO open-end Spread	BNP Paribas	CAC40 3408TCIOPENZ	141	
E153K		Leveraged KO open-end		CAC40 3500CAP0613B		1,203 1,195
Z871B	FR0011387356		Barclays BNP Paribas	CAC40 4270TPIOPENK	76 54	1,195
4P23Z	FR0011383389	Spread	Commerzbank	CAC40 3100CAP0613B		1,159
3446C	DE000CK9N9W0	Leveraged KO open-end	Commerzbank	CAC40 3210TCIOPENZ	180 47	1,150
	DE000CT9NE01	Leveraged KO	Unicredit	DAX 8200TS 0613C		
A070T	DE000HV0RR89	Leveraged KO		CAC40 3975TS 0513T	421	1,130
7E56Z	DE000CZ5KJA5	Leveraged KO	Commerzbank	CAC40 3850TS 0613Z	309	1,103
J250B	FR0011452028	Leveraged KO	BNP Paribas	CAC40 3860TPS0613B	521	1,093
1X33Z	DE000CK9QVW0	Vanilla warrant	Commerzbank	CAC40 3700C 0513Z	464	1,092
2488Z	DE000CM453Y4	Leveraged KO open-end	Commerzbank	CAC40 4355TS OPENZ	314	1,079
3542C	DE000CT9LKS3	Leveraged KO	Citi	CAC40 3500TL 0613C	285	1,076
9X79Z	DE000CK9RE55	Leveraged KO	Commerzbank	CAC40 3950TS 0613Z	266	1,064
1X21Z	DE000CK9QVK5	Vanilla warrant	Commerzbank	CAC40 3700C 0413Z	496	1,051
9X74Z	DE000CK9RE06	Leveraged KO	Commerzbank	CAC40 3550TL 0613Z	536	1,049
3101C	DE000CT9P5A3	Leveraged KO	Citi	CAC40 3925TS 0613C	106	981
1612B	NL0006454928	Pure indexation	BNP Paribas	GOLD PI OPENB	93	970
8P39Z	DE000CK9NKR0	Leveraged KO open-end	Commerzbank	BNP 31TCIOPENZ	74	954
4613C	DE000CT9PYM8	Leveraged KO	Citi	CAC40 3850TS 0613C	193	938
4414T	DE000HV0Q6K3	Leveraged KO	Unicredit	CAC40 4025TS 0413T	365	922
6E64Z	DE000CZ5KG45	Vanilla warrant	Commerzbank	CAC40 3800P 0513Z	216	922

# NYSE EURONEXT EXTENDS YOUR TRADING HORIZON

NYSE 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

1.1.1.





NYSE Euronext refers to NYSE Euronext and its affiliates and references to NYSE Euronext in this publication include each and any such company as the context dictates. NYSE Liffe is the brand name of the derivatives business of NYSE Euronext, comprising the derivatives markets in Amsterdam, Brussels, Lisbon, London and Paris; and the futures markets in the U.S. All proprietary rights and interest in this publication shall be vested in NYSE Euronext and all other rights including, but without limitation, patent, registered design, copyright, trademark, service mark, connected with this publication shall also be vested in NYSE Euronext. No part of this publication 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 written permission from NYSE Euronext. NYSE Euronext shall not be liable (except to the extent required by law) for the use of the information contained herein however arising in any circumstances connected with actual trading or otherwise. Neither NYSE Euronext, nor its servants nor agents, is responsible for any errors or omissions contained in this publication. All information, descriptions, examples and calculations contained in this publication are for guidance purposes only, and should not be treated as definitive. Those wishing either to trade in any products available at NYSE Liffe or to offer and sell them to others should consider both their legal and regulatory position in the relevant jurisdiction and the risks associated with such products before doing so. Potential users of NYSE Euronext. @2012 NYSE Euronext. All Rights Reserved.