



Warrants & Certificates

# Activity report

Issue 142  
May 2023

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	<b>Euroclear Belgium Instruments</b>	<b>Euroclear France Instruments</b>	<b>Euroclear Nederland Instruments</b>	<b>Interbolsa Instruments</b>	<b>All Instruments</b>
Live products (on 31/05/2023)	323	54,021	39,629	631	<b>94,604</b>
New Products	1	18,734	9,655	119	<b>28,509</b>
New Products YTD	306	105,294	52,827	825	<b>159,252</b>
Value Traded (in €m)	2.2	296.5	126.5	48.7	<b>473.9</b>
Value Traded YTD (in €m)	38.9	1,781.3	757.0	149.0	<b>2,726.2</b>
Value Traded ADV (in €m)	0.1	13.5	5.7	2.2	<b>21.5</b>
Value Traded YTD ADV (in €m)	0.4	16.5	7.0	1.4	<b>25.2</b>
Number of Trades	432	80,788	31,574	4,020	<b>116,814</b>
Number of Trades YTD	3,565	460,933	171,299	17,321	<b>653,118</b>
Number of Trades ADV	20	3,672	1,435	183	<b>5,310</b>
Number of Trades YTD ADV	33	4,268	1,586	160	<b>6,047</b>

(Source Euronext)

# A Euronext ESG index awarded “Index of the year” 2022



The Euronext® Euro Large Cap Biodiversity Leaders 30 index has been awarded “Index of the Year” 2022 at the SRP Europe Awards Ceremony 2023.

## Tackling the preservation of biodiversity: a key focus for Euronext

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## SHAPING CAPITAL MARKETS FOR FUTURE GENERATIONS

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All Instruments

# ISSUERS

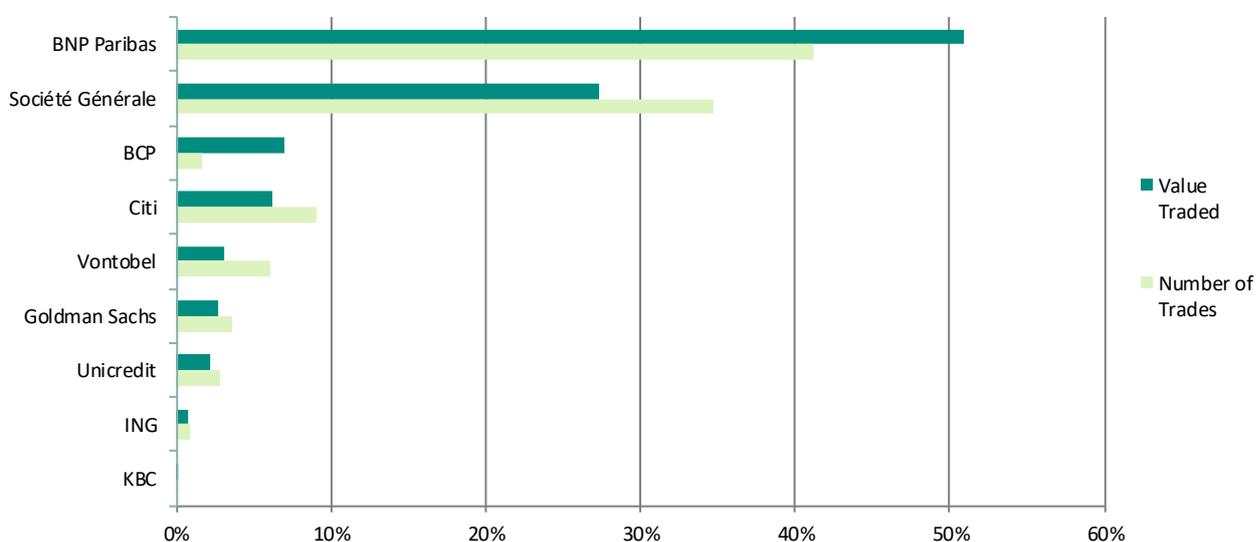
## Market Overview

The table below displays the daily averages of value traded and number of trades per issuer on all instruments traded on Euronext's pan-European MTF, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each issuer over the total.

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

Issuers	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
BNP Paribas	10,977	-7.8%	-2.9%	51.0%	2,188	8.5%	-7.8%	41.2%
Société Générale	5,888	-0.9%	-29%	27.3%	1,842	0.1%	-20.7%	34.7%
BCP	1,497	110%	68%	6.9%	88	49.4%	28.5%	1.6%
Citi	1,325	-19.6%	-54%	6.2%	479	-5.6%	-41.8%	9.0%
Vontobel	657	-24%	-37%	3.0%	323	8.5%	-11.7%	6.1%
Goldman Sachs	571	-63%	-59%	2.7%	191	-9.8%	-24.2%	3.6%
Unicredit	465	-36%	-28%	2.2%	150	-2.4%	-16.0%	2.8%
ING	158	29%	-35%	0.7%	49	31.0%	-12.1%	0.9%
KBC	4	-95%	-97%	0.0%	0.0	-83.6%	-96.6%	0.0%
<b>Total</b>	<b>21,543</b>	<b>-8.5%</b>	<b>-19.6%</b>	<b>100%</b>	<b>5,310</b>	<b>3.6%</b>	<b>-17.6%</b>	<b>100%</b>

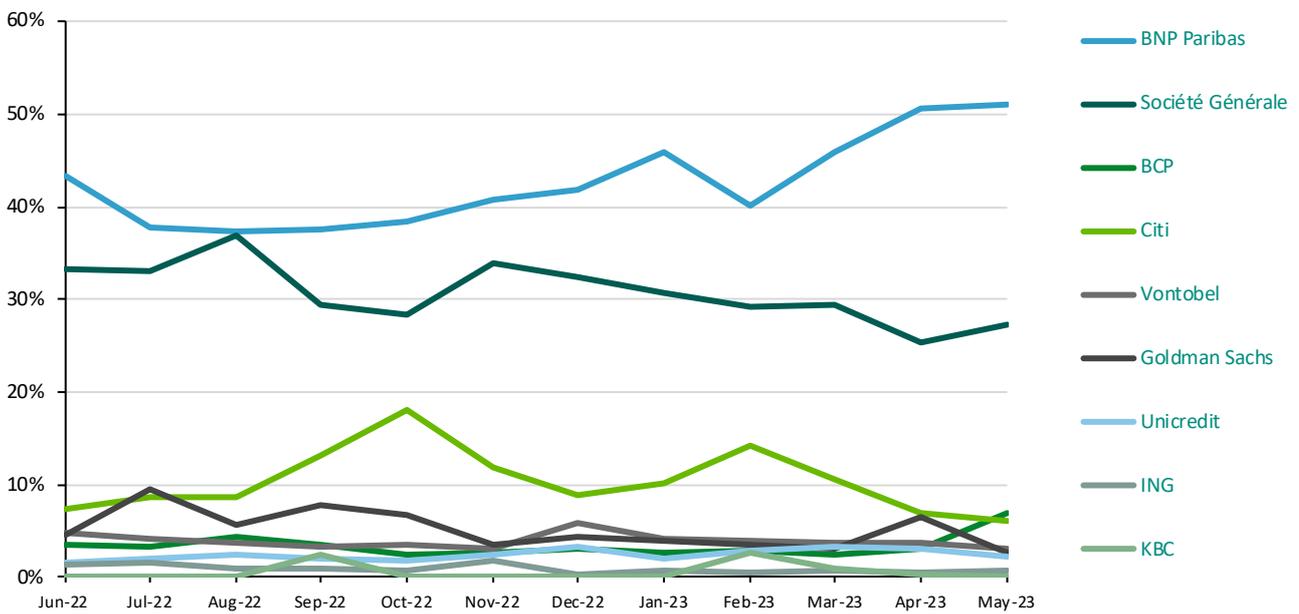
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# ISSUERS

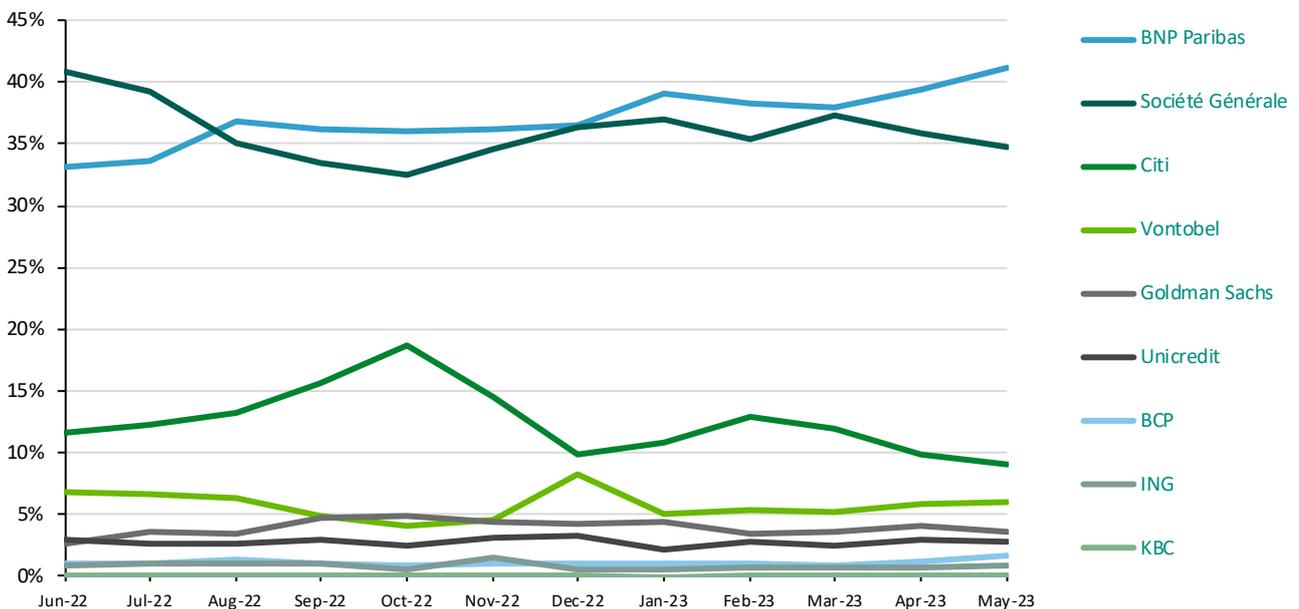
## Market Trend: Value traded

The historical graph below displays the weight of the value traded for each issuer over the total value traded on all instruments traded on Euronext's pan-European MTF.



## Market Trend: Number of trades

The historical graph below displays the weight of the number of trades for each issuer over the total number of trades on all instruments traded on Euronext's pan-European MTF.



# ISSUERS

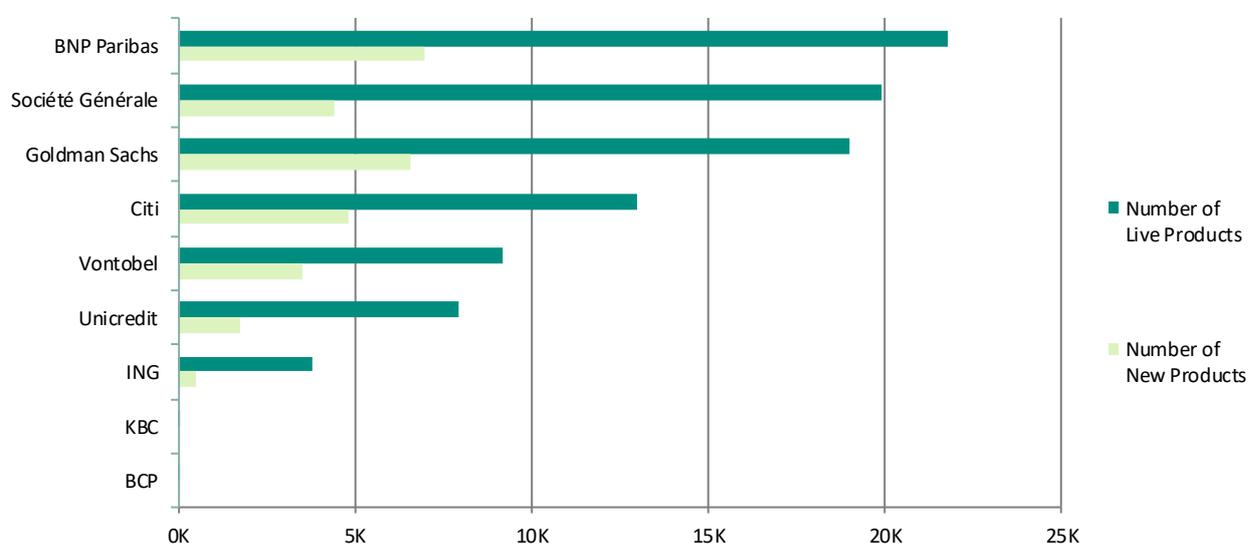
## Product Overview

The table below displays the daily average number of live products and the number of new products per issuer on all instruments traded on Euronext's pan-European MTF, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each issuer over the total.

The chart at the bottom of the page represents the number of live products and number of new products for each issuer.

Issuers	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
BNP Paribas	21,793	-1.5%	3.3%	23.0%	6,953	68%	-19.7%	24.4%
Société Générale	19,938	1.5%	0.1%	21.0%	4,425	22%	-12.2%	15.5%
Goldman Sachs	19,038	8.8%	-21%	20.1%	6,548	11.8%	-31%	23.0%
Citi	12,994	0.2%	-10.6%	13.7%	4,806	46%	-9.4%	16.9%
Vontobel	9,172	-0.1%	1.2%	9.7%	3,524	-3.4%	-27%	12.4%
Unicredit	7,954	7.8%	-11.9%	8.4%	1,765	14.5%	-46%	6.2%
ING	3,812	2.9%	1.6%	4.0%	486	-32%	17.0%	1.7%
KBC	18	-23%	-26%	0.0%	1	-50%	-48%	0.0%
BCP	16	5.2%	4.7%	0.0%	1		NA	0.0%
<b>Total</b>	<b>94,734</b>	<b>2.4%</b>	<b>-6.8%</b>	<b>100%</b>	<b>28,509</b>	<b>25.0%</b>	<b>-22.9%</b>	<b>100%</b>

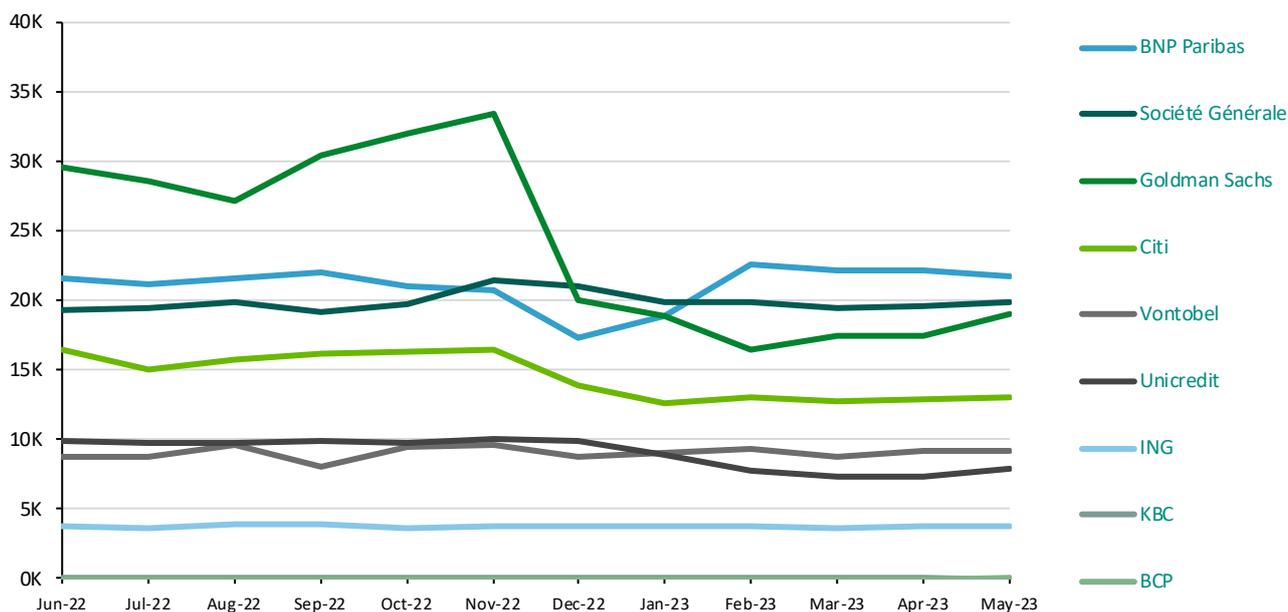
(Source Euronext)



# ISSUERS

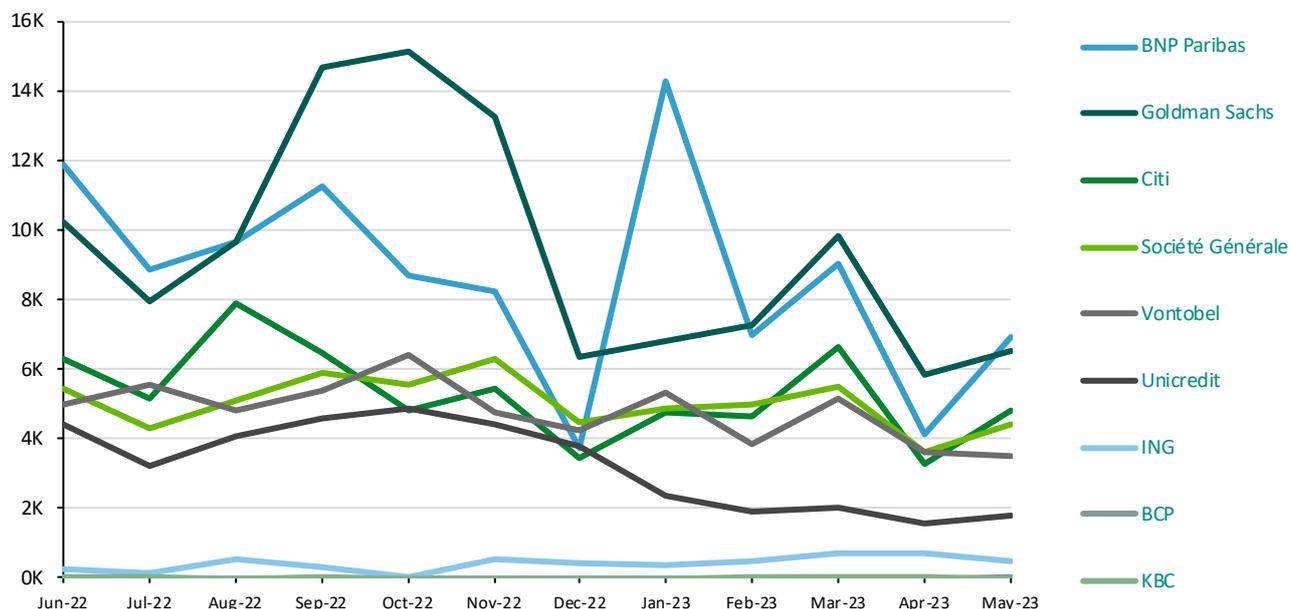
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each issuer on all instruments traded on Euronext's pan-European MTF.



## Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each issuer on all instruments traded on Euronext's pan-European MTF.



# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 2)

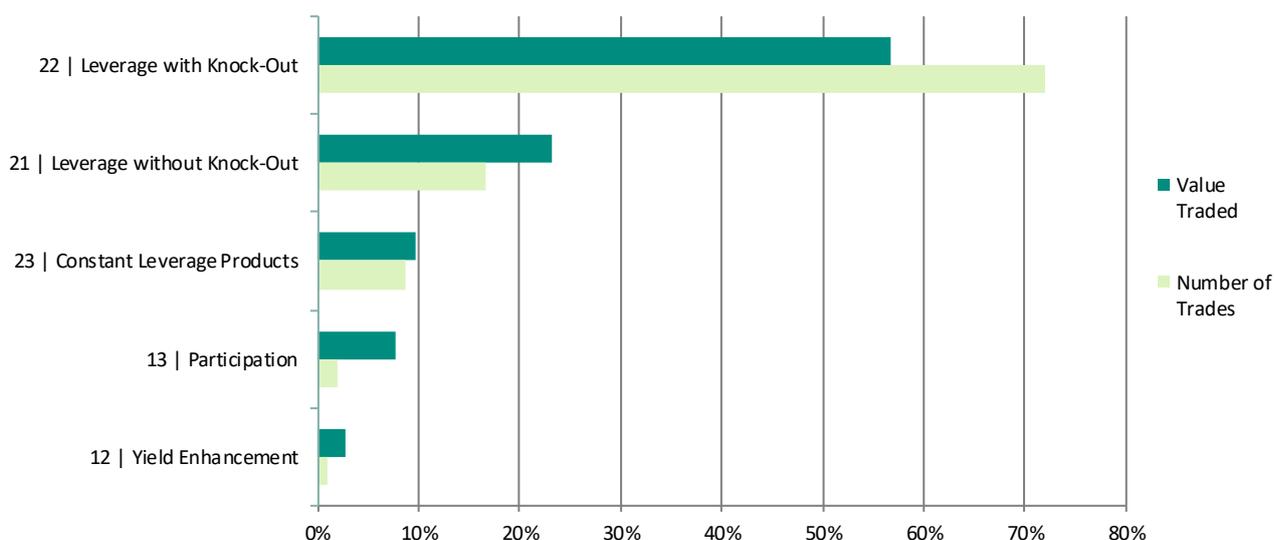
## Market Overview

The table below displays the daily averages of value traded and number of trades per product type (EUSIPA<sup>1</sup> categorization level 2) on all instruments traded on Euronext's pan-European MTF, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each product type over the total.

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

Product Types (EUSIPA Categorization Level 2)	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
22   Leverage with Knock-Out	12,227	-3.7%	-30%	56.8%	3,821	5.3%	-18.3%	72.0%
21   Leverage without Knock-Out	4,977	-32%	-5.4%	23.1%	885	-2.0%	-19.2%	16.7%
23   Constant Leverage Products	2,091	-0.8%	-9.7%	9.7%	457	-5.1%	-17.4%	8.6%
13   Participation	1,659	95%	62%	7.7%	100	40.2%	26.0%	1.9%
12   Yield Enhancement	589	6.4%	-23%	2.7%	47	24.0%	20.3%	0.9%
<b>Total</b>	<b>21,543</b>	<b>-8.5%</b>	<b>-19.6%</b>	<b>100%</b>	<b>5,310</b>	<b>3.6%</b>	<b>-17.6%</b>	<b>100%</b>

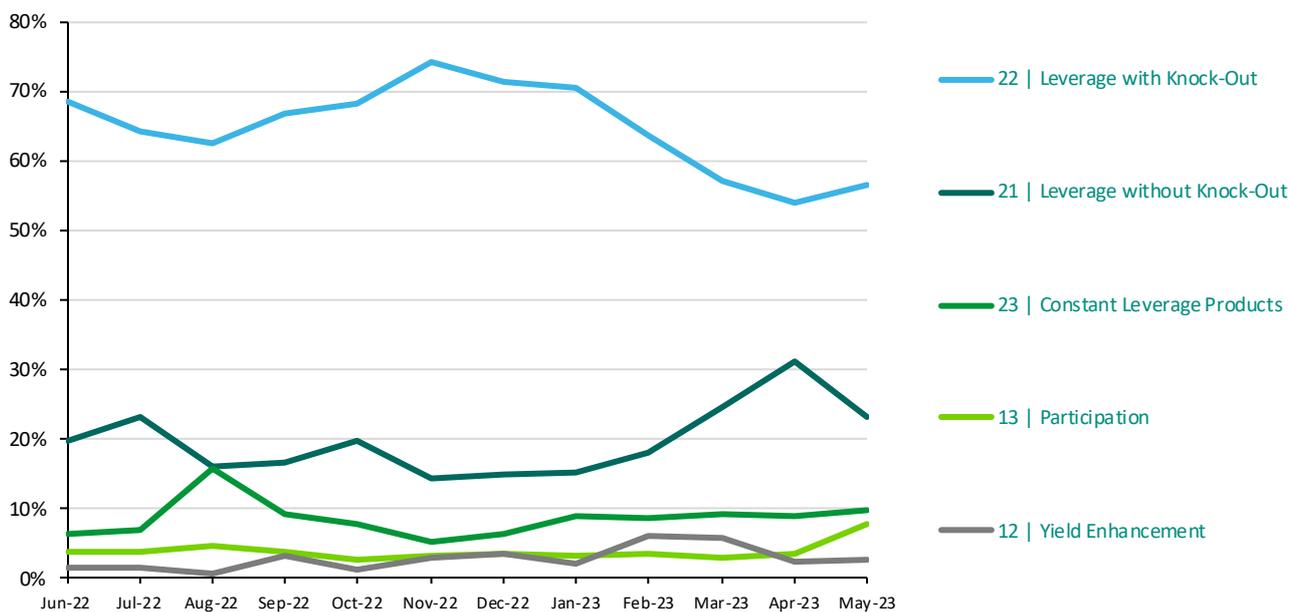
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# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 2)

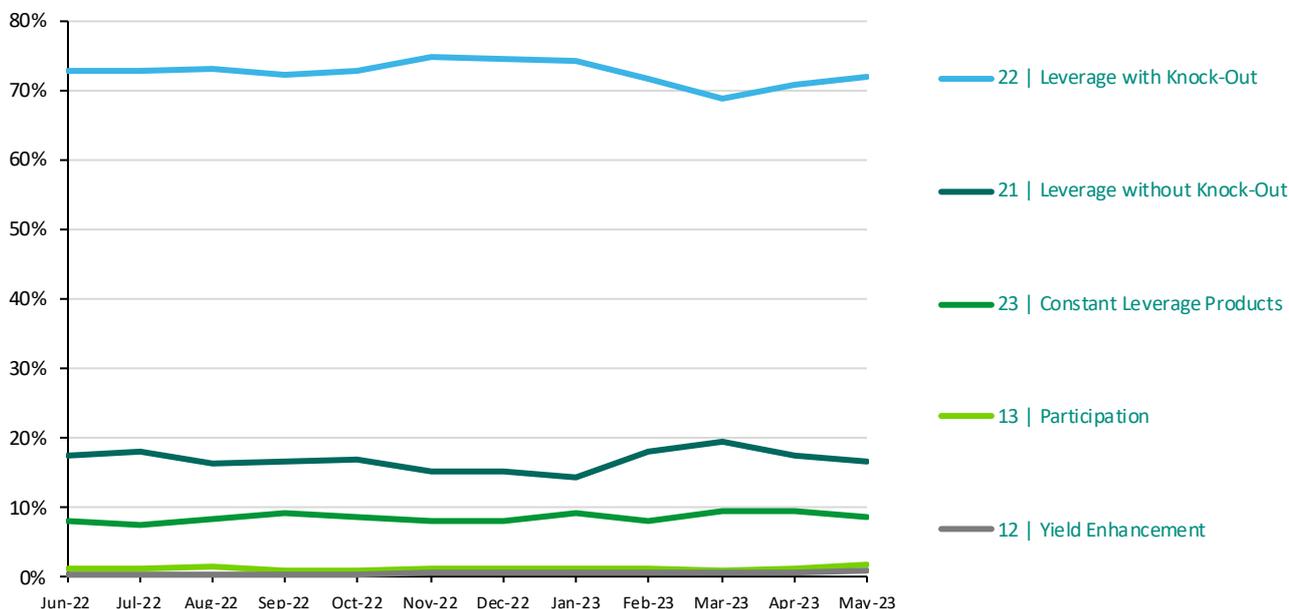
## Market Trend: Value traded

The historical graph below displays the weight of the value traded for each product type on all instruments traded on Euronext's pan-European MTF.



## Market Trend: Number of trades

The historical graph below displays the weight of the number of trades for each product type on all instruments traded on Euronext's pan-European MTF.



## PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 2)

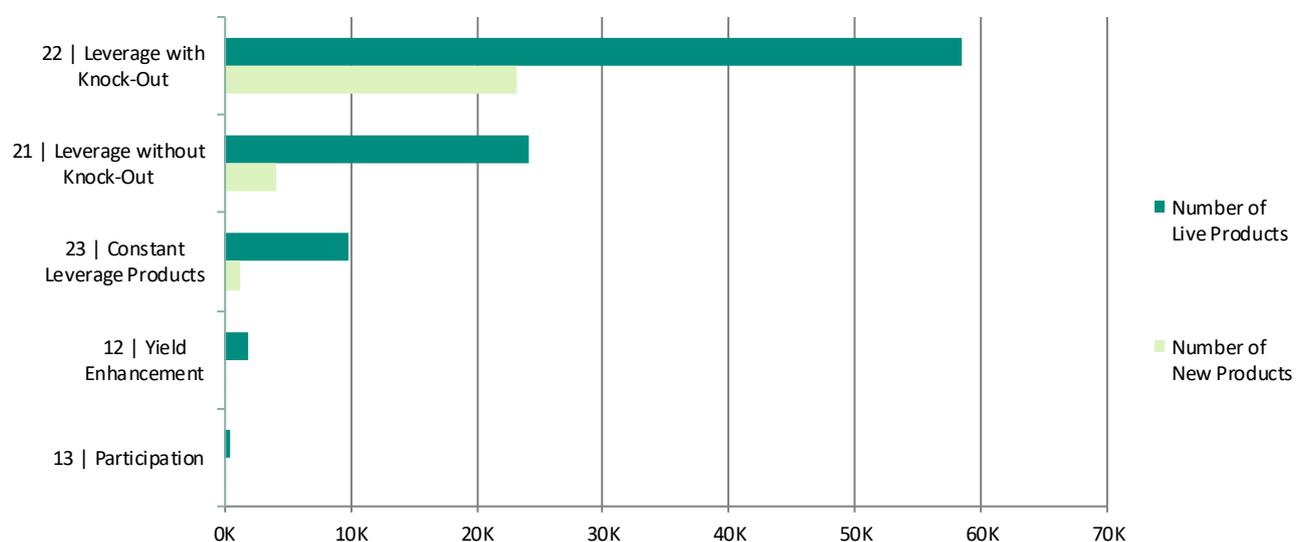
### Product Overview

The table below displays the daily average number of live products and the number of new products per product type (EUSIPA<sup>1</sup> categorization level 2) on all instruments traded on Euronext's pan-European MTF, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each product type over the total.

The chart at the bottom of the page represents the number of live products and number of new products for each product type.

Product Types (EUSIPA Categorization Level 2)	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
22   Leverage with Knock-Out	58,540	2.8%	-2.7%	61.8%	23,132	37%	-18.6%	81.1%
21   Leverage without Knock-Out	24,125	0.6%	-21%	25.5%	4,024	5.0%	-36%	14.1%
23   Constant Leverage Products	9,802	3.2%	11.2%	10.3%	1,224	-26%	-36%	4.3%
12   Yield Enhancement	1,895	1.8%	6.3%	2.0%	125	-27%	-55%	0.4%
13   Participation	371	35%	26%	0.4%	4	-98%	-85%	0.0%
<b>Total</b>	<b>94,734</b>	<b>2.4%</b>	<b>-6.8%</b>	<b>100%</b>	<b>28,509</b>	<b>25.0%</b>	<b>-22.9%</b>	<b>100%</b>

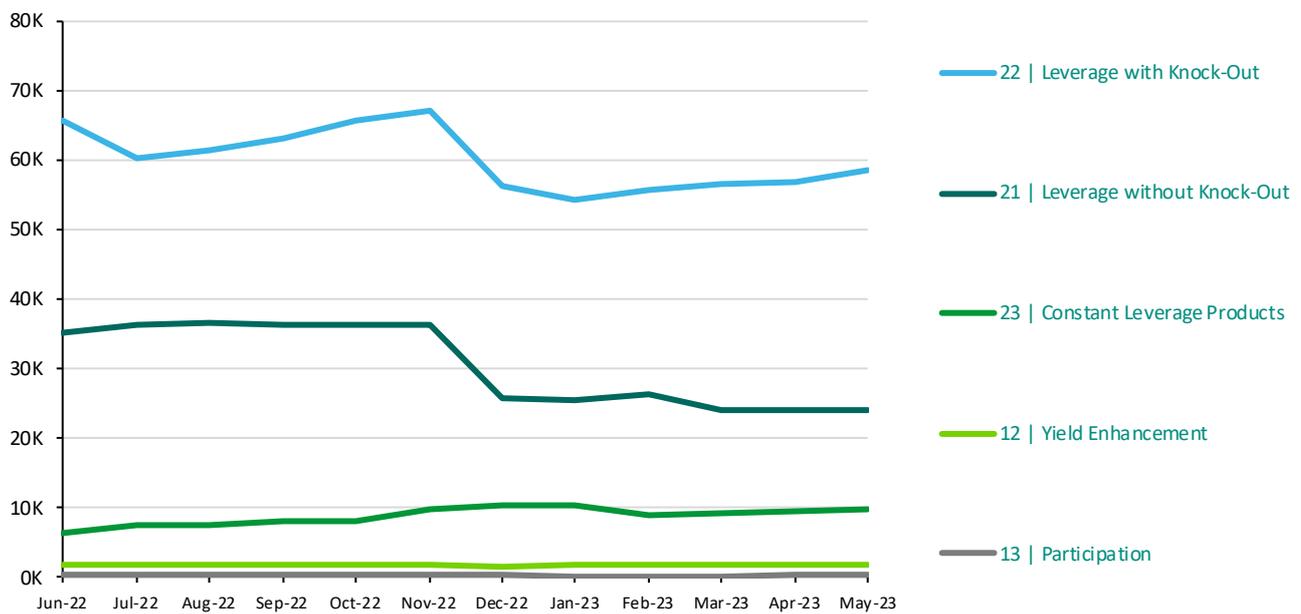
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# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 2)

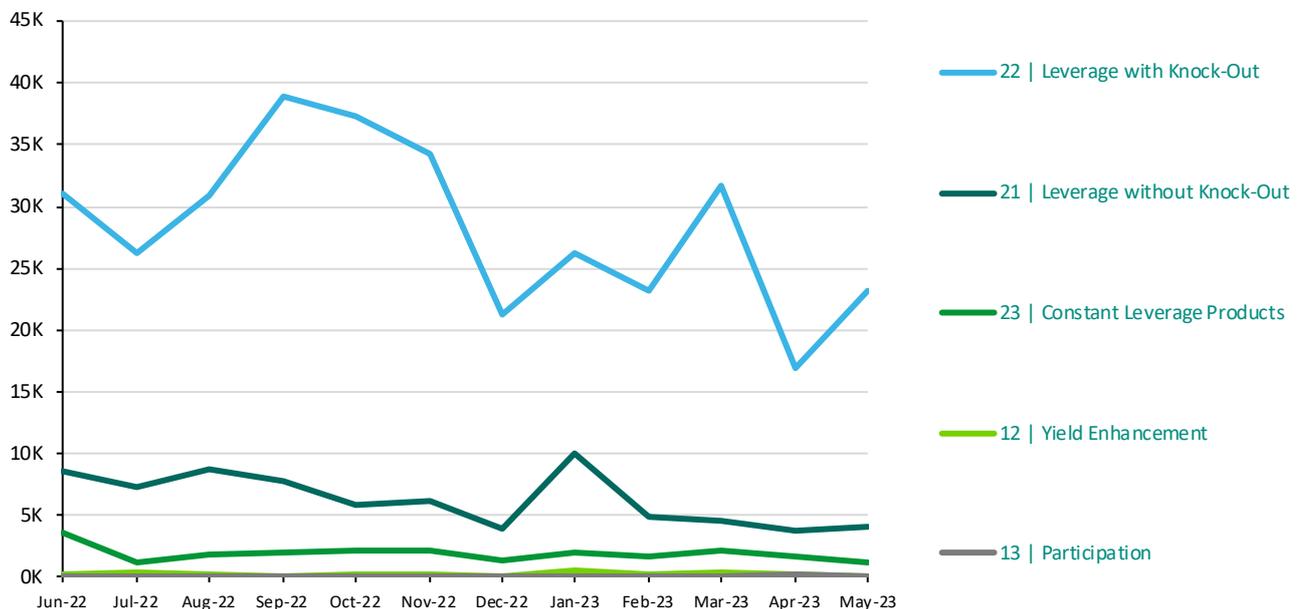
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each product type on all instruments traded on Euronext's pan-European MTF.



## Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each product type on all instruments traded on Euronext's pan-European MTF.



# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 3)

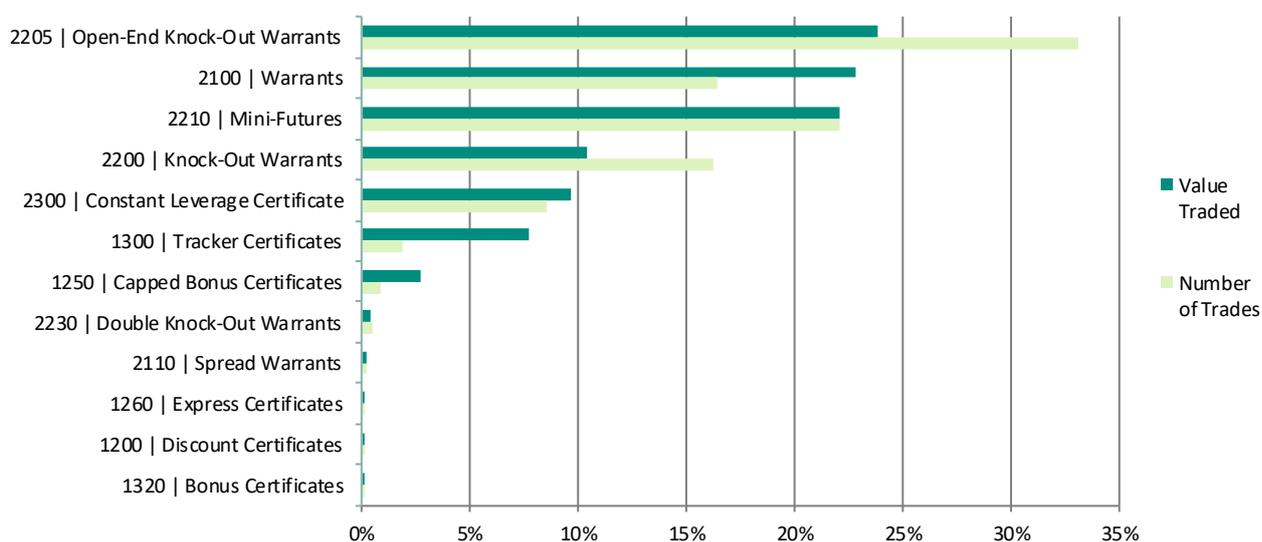
## Market Overview

The table below displays the daily averages of value traded and number of trades per product type (EUSIPA<sup>1</sup> categorization level 3) on all instruments traded on Euronext's pan-European MTF, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each product type over the total.

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

Product Types (EUSIPA Categorization Level 3)	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
2205   Open-End Knock-Out Warrants	5,137	-15.0%	-27%	23.8%	1,758	4.7%	-10.9%	33.1%
2100   Warrants	4,930	-32%	-5.3%	22.9%	871	-1.7%	-19.5%	16.4%
2210   Mini-Futures	4,767	4.2%	-29%	22.1%	1,174	6.5%	-20%	22.1%
2200   Knock-Out Warrants	2,237	10.5%	-35%	10.4%	864	4.2%	-28%	16.3%
2300   Constant Leverage Certificate	2,091	-0.8%	-9.7%	9.7%	457	-5.1%	-17.4%	8.6%
1300   Tracker Certificates	1,657	96%	62%	7.7%	100	41%	27%	1.9%
1250   Capped Bonus Certificates	583	25%	-4.2%	2.7%	47	25%	24%	0.9%
2230   Double Knock-Out Warrants	85	60%	-49%	0.4%	25	26%	-28%	0.5%
2110   Spread Warrants	48	30%	-17.0%	0.2%	14	-20%	8.5%	0.3%
1260   Express Certificates	4	-95%	-97%	0.0%	0.0	-84%	-97%	0.0%
1200   Discount Certificates	2	-42%	-34%	0.0%	0.2	36%	72%	0.0%
1320   Bonus Certificates	1	-57%	-47%	0.0%	0.1	-82%	-78%	0.0%
<b>Total</b>	<b>21,543</b>	<b>-8.5%</b>	<b>-19.6%</b>	<b>100%</b>	<b>5,310</b>	<b>3.6%</b>	<b>-17.6%</b>	<b>100%</b>

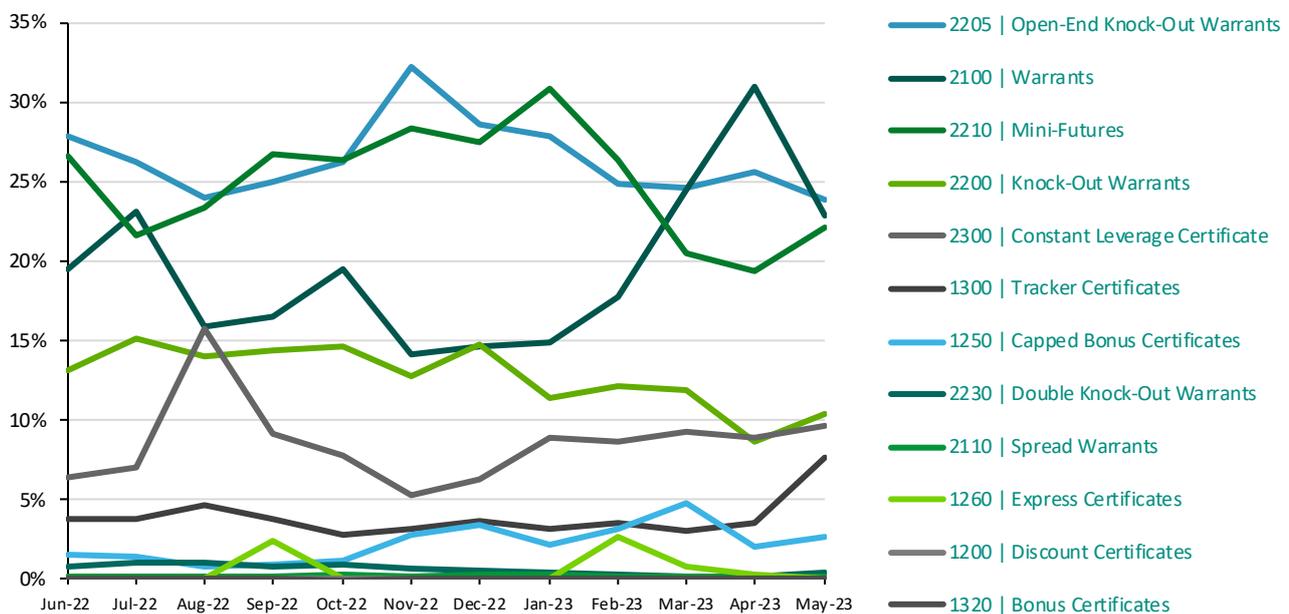
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# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 3)

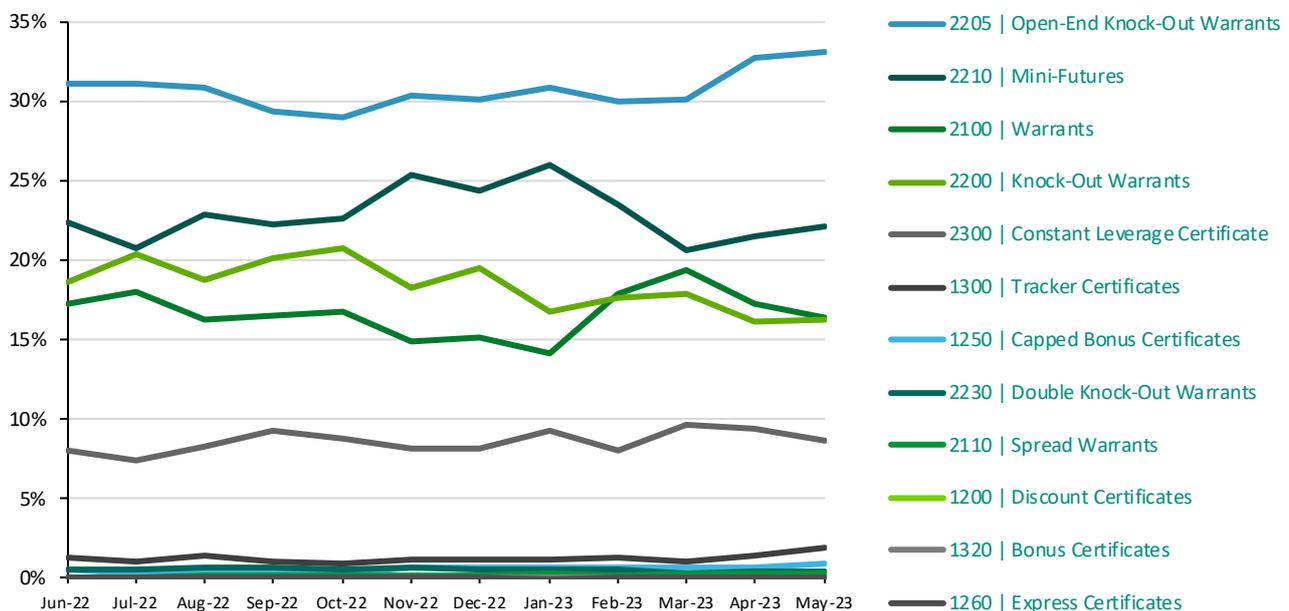
## Market Trend: Value traded

The historical graph below displays the weight of the value traded for each product type over the total value traded on all instruments traded on Euronext's pan-European MTF.



## Market Trend: Number of trades

The historical graph below displays the weight of the number of trades for each product type over the total number of trades on all instruments traded on Euronext's pan-European MTF.



# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 3)

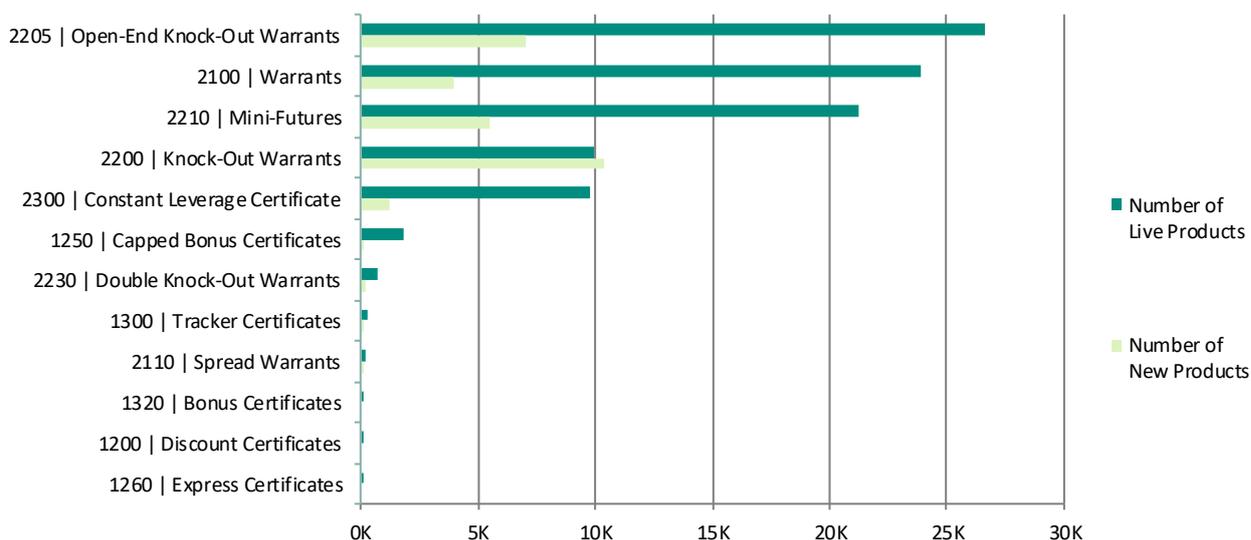
## Product Overview

The table below displays the daily average number of live products and the number of new products per product type (EUSIPA<sup>1</sup> categorization level 3) on all instruments traded on Euronext's pan-European MTF, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each product type over the total.

The chart at the bottom of the page represents the number of live products and number of new products for each product type.

Product Types (EUSIPA Categorization Level 3)	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
2205   Open-End Knock-Out Warrants	26,616	1.1%	-2.6%	28.1%	7,054	22%	-27%	24.7%
2100   Warrants	23,920	0.7%	-21%	25.2%	4,004	6.7%	-36%	14.0%
2210   Mini-Futures	21,234	0.9%	-8.3%	22.4%	5,508	22%	-36%	19.3%
2200   Knock-Out Warrants	9,930	13.1%	10.9%	10.5%	10,354	61%	3.3%	36.3%
2300   Constant Leverage Certificate	9,802	3.2%	11.2%	10.3%	1,224	-26%	-36%	4.3%
1250   Capped Bonus Certificates	1,832	2.1%	6.4%	1.9%	125	-27%	-54%	0.4%
2230   Double Knock-Out Warrants	760	0.5%	8.8%	0.8%	216	-5.3%	-8.8%	0.8%
1300   Tracker Certificates	271	52%	71%	0.3%	4	-98%	-78%	0.0%
2110   Spread Warrants	205	-4.8%	26%	0.2%	20	-76%	-63%	0.1%
1320   Bonus Certificates	100	2.5%	-26%	0.1%	0	-100%	-100%	0.0%
1200   Discount Certificates	45	0.0%	24%	0.0%	0		-100%	0.0%
1260   Express Certificates	18	-23%	-26%	0.0%	0		-100%	0.0%
<b>Total</b>	<b>94,734</b>	<b>2.4%</b>	<b>-6.8%</b>	<b>100%</b>	<b>28,509</b>	<b>25.0%</b>	<b>-22.9%</b>	<b>100%</b>

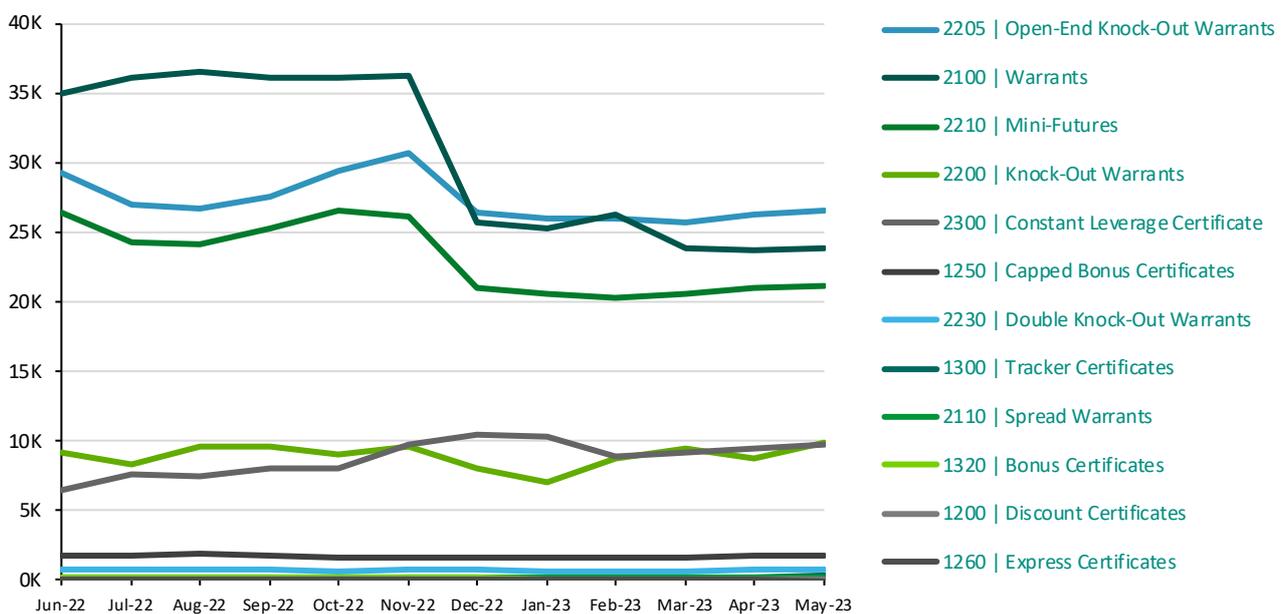
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# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 3)

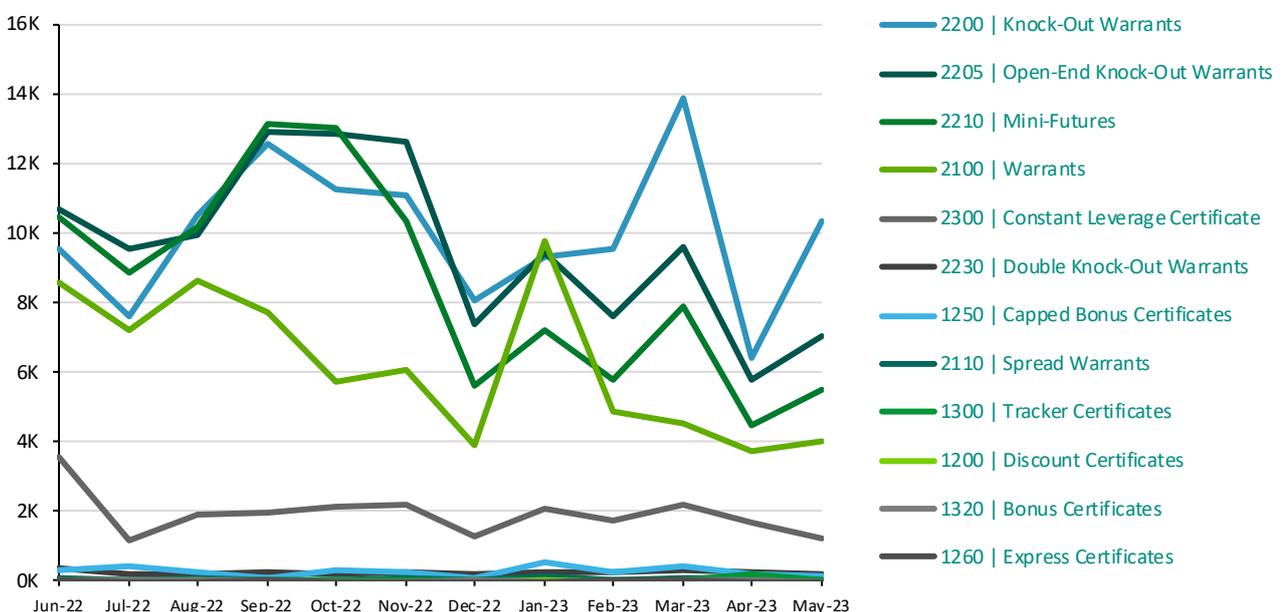
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each product type on all instruments traded on Euronext's pan-European MTF.



## Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each product type on all instruments traded on Euronext's pan-European MTF.



# PRODUCT STRATEGIES

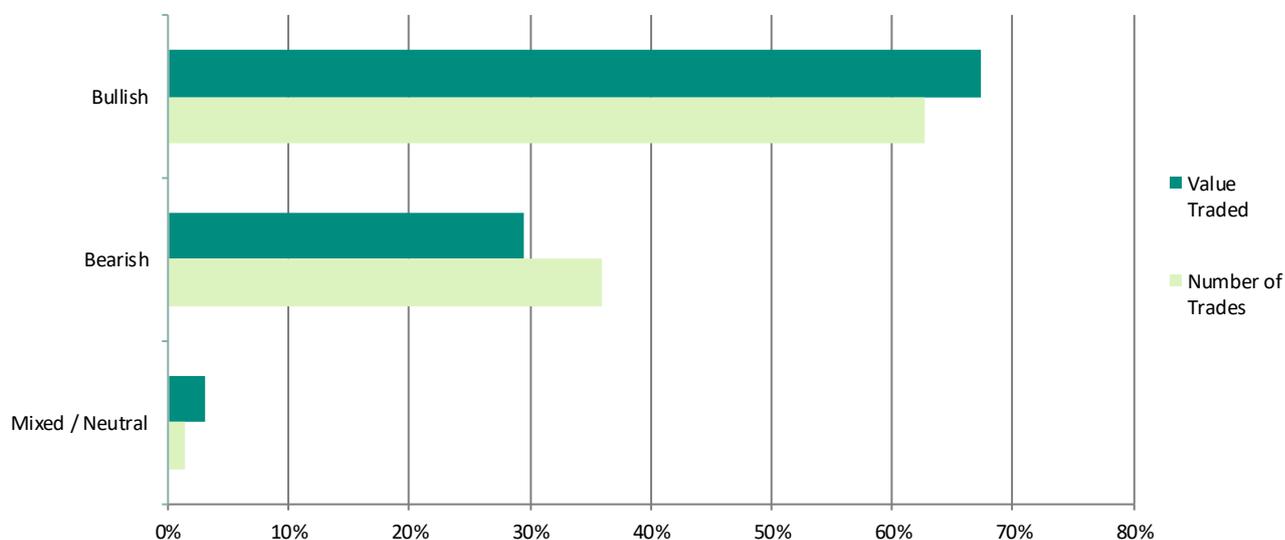
## Market Overview

The table below displays the daily averages of value traded and number of trades per product strategy on all instruments traded on Euronext's pan-European MTF, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each product strategy over the total.

The chart at the bottom of the page represents the weight of each product strategy in terms of value traded and number of trades.

Product Strategies	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
Bullish	14,523	-12.0%	-9.0%	67.4%	3,330	10.5%	-13.4%	62.7%
Bearish	6,351	-2.5%	-37%	29.5%	1,908	-7.0%	-24%	35.9%
Mixed / Neutral	670	28%	-13.9%	3.1%	72	25%	-0.6%	1.4%
<b>Total</b>	<b>21,543</b>	<b>-8.5%</b>	<b>-19.6%</b>	<b>100%</b>	<b>5,310</b>	<b>3.6%</b>	<b>-17.6%</b>	<b>100%</b>

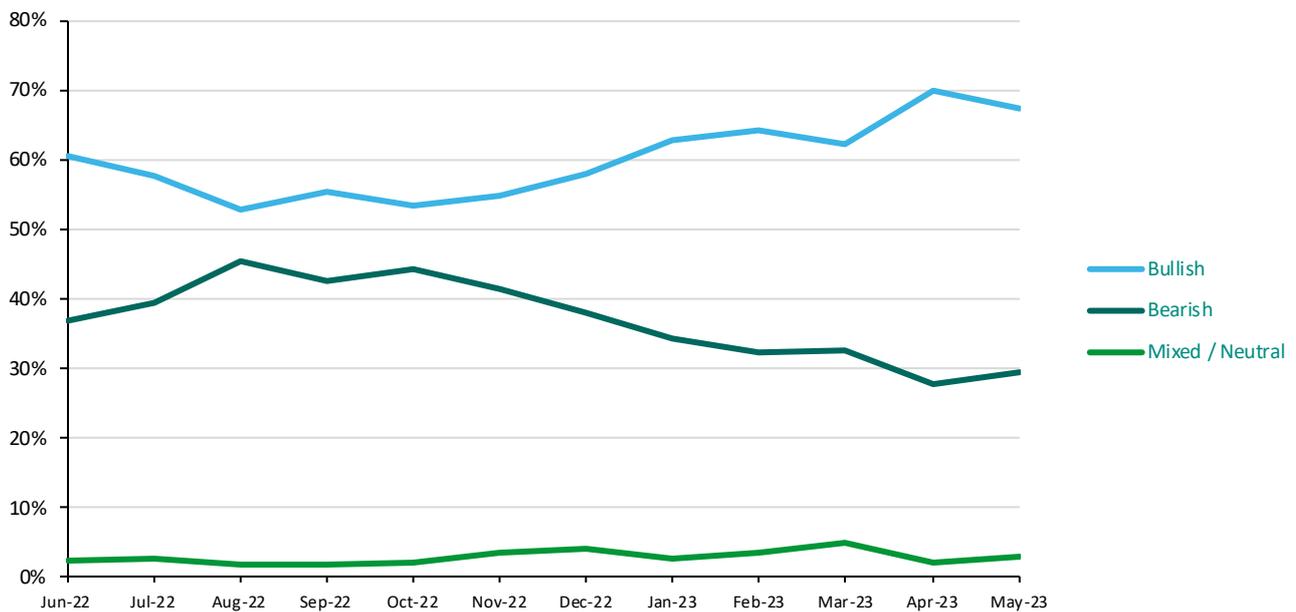
(Source Euronext)



# PRODUCT STRATEGIES

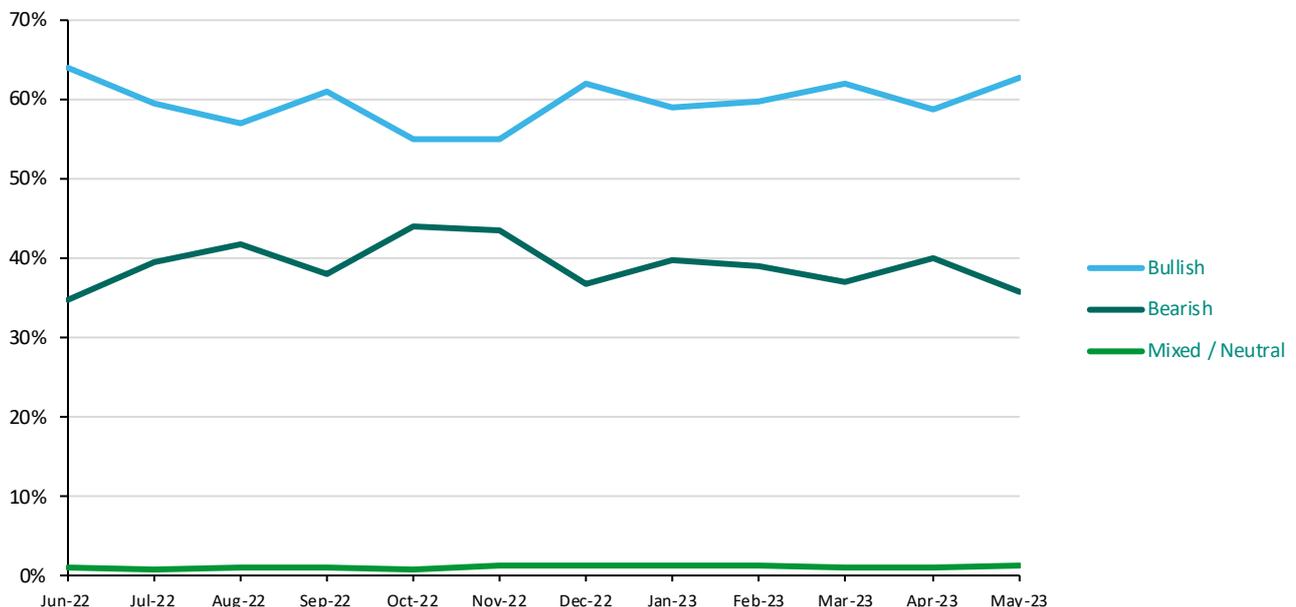
## Market Trend: Value traded

The historical graph below displays the weight of the value traded for each product type over the total value traded on all instruments traded on Euronext's pan-European MTF.



## Market Trend: Number of trades

The historical graph below displays the weight of the number of trades for each product type over the total number of trades on all instruments traded on Euronext's pan-European MTF.



# PRODUCT STRATEGIES

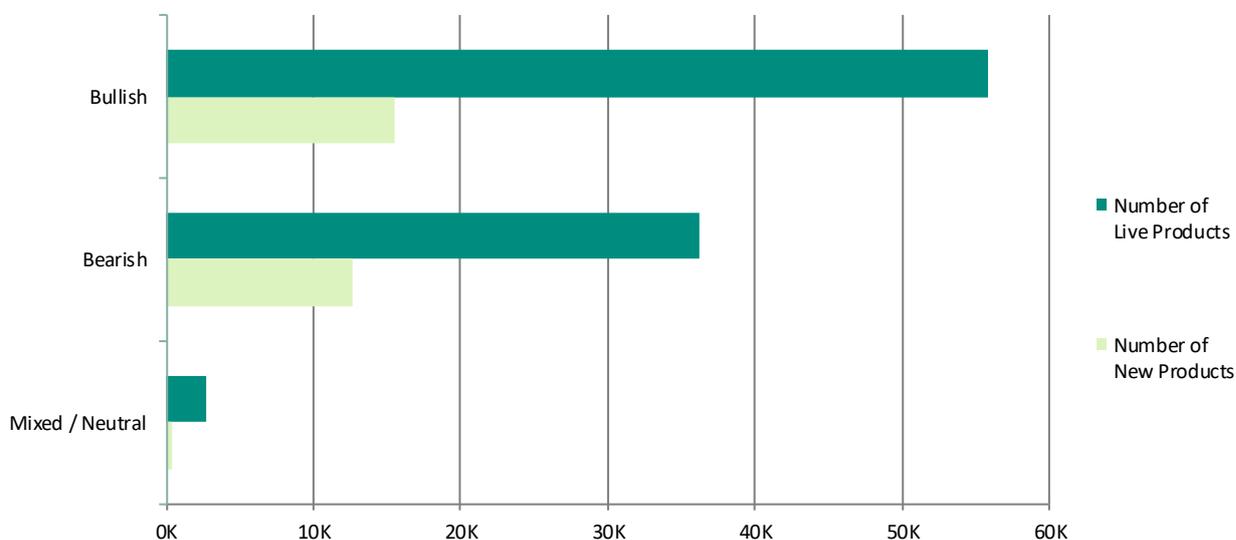
## Product Overview

The table below displays the daily average number of live products and the number of new products per product strategy on all instruments traded on Euronext's pan-European MTF, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each product strategy over the total.

The chart at the bottom of the page represents the number of live products and number of new products for each product strategy.

Strategies	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Bullish	55,920	1.3%	-3.3%	59.0%	15,476	27%	-22%	54.3%
Bearish	36,174	4.2%	-12.6%	38.2%	12,692	24%	-24%	44.5%
Mixed / Neutral	2,640	1.6%	7.2%	2.8%	341	-14.5%	-34%	1.2%
<b>Total</b>	<b>94,734</b>	<b>2.4%</b>	<b>-6.8%</b>	<b>100%</b>	<b>28,509</b>	<b>25.0%</b>	<b>-22.9%</b>	<b>100%</b>

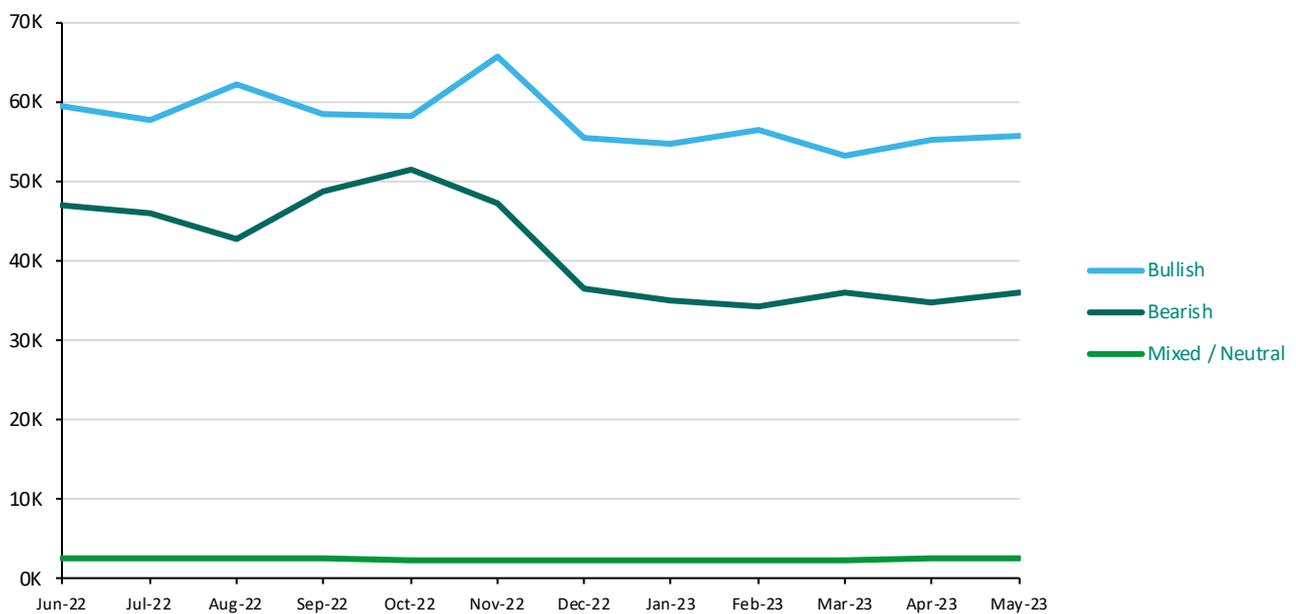
(Source Euronext)



# PRODUCT STRATEGIES

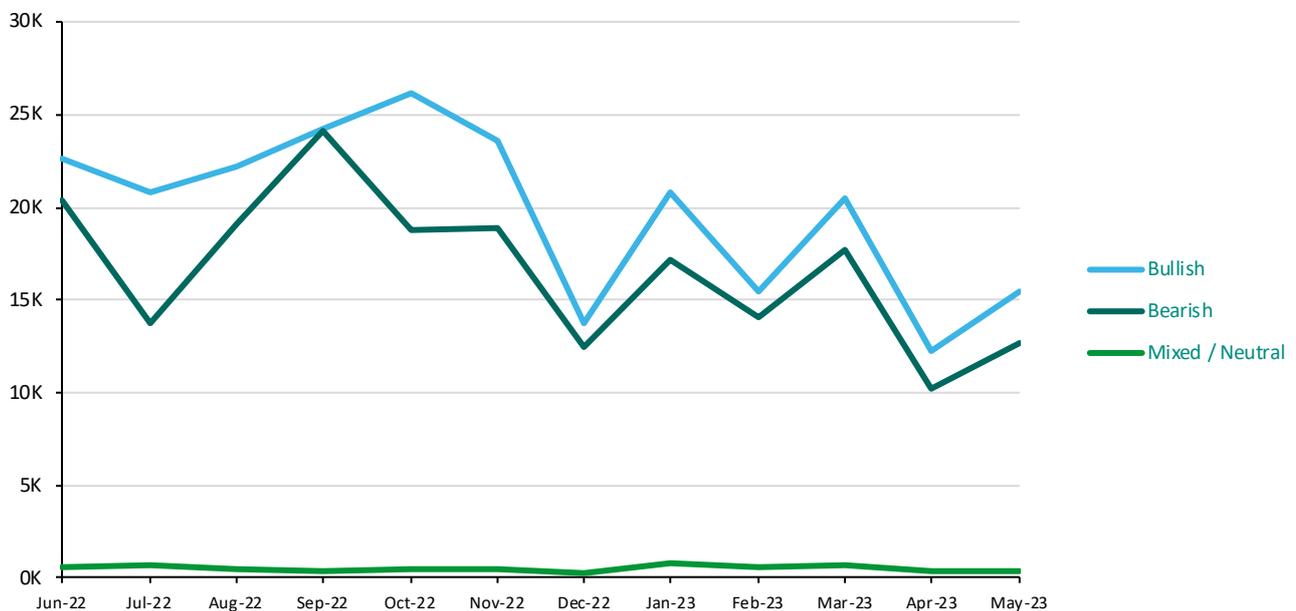
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each product type on all instruments traded on Euronext's pan-European MTF.



## Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each product type on all instruments traded on Euronext's pan-European MTF.



# UNDERLYING TYPES

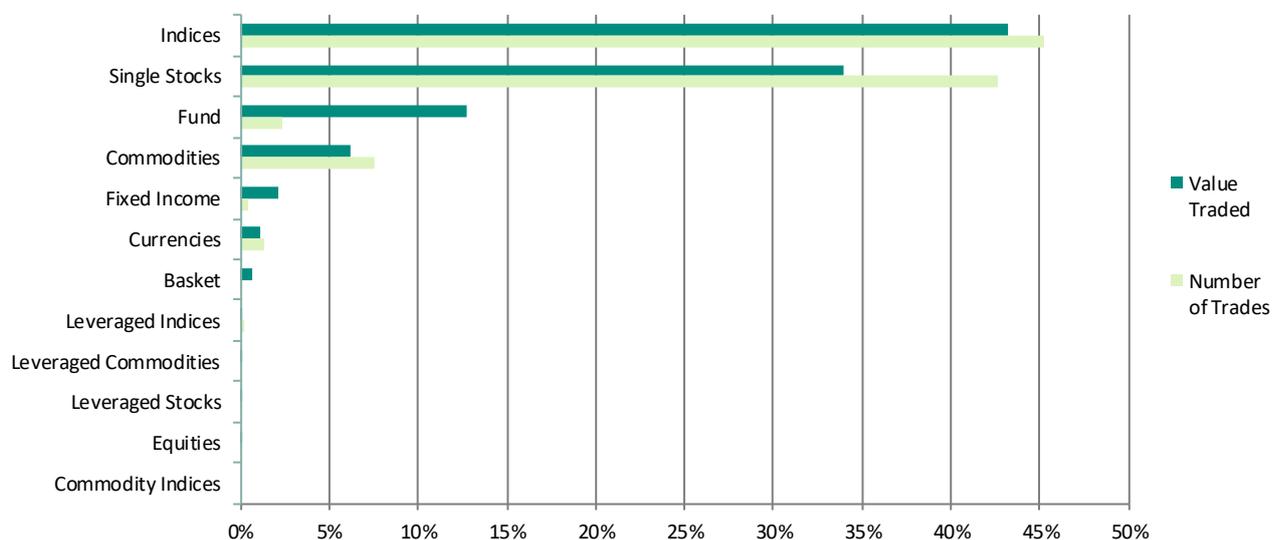
## Market Overview

The table below displays the daily averages of value traded and number of trades per underlying type on all instruments traded on Euronext's pan-European MTF, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each underlying type over the total.

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

Underlying Types	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
Indices	9,303	11.1%	-34%	43.2%	2,406	8.5%	-26.3%	45.3%
Single Stocks	7,316	1.3%	-12.2%	34.0%	2,266	0.5%	-9.0%	42.7%
Fund	2,747	-41%	91%	12.8%	126	8.2%	130.8%	2.4%
Commodities	1,327	-52%	-31%	6.2%	398	-9.8%	-13.5%	7.5%
Fixed Income	454	NA	380%	2.1%	21	223.8%	64.1%	0.4%
Currencies	235	-4.5%	-55%	1.1%	68	9.1%	-40.8%	1.3%
Basket	132	125%	50%	0.6%	5.0	27.9%	41.4%	0.1%
Leveraged Indices	21	-86%	-91%	0.1%	12	-17.0%	-57.0%	0.2%
Leveraged Commodities	3	70%	-63%	0.0%	4.0	32.4%	-45.8%	0.1%
Leveraged Stocks	3	35%	27%	0.0%	2.6	-4.8%	49.3%	0.0%
Equities	1	-96%	-83%	0.0%	1.2	10.5%	-47.2%	0.0%
Commodity Indices	0		-100%	0.0%	0.0		-100.0%	0.0%
<b>Total</b>	<b>21,543</b>	<b>-8.5%</b>	<b>-19.6%</b>	<b>100%</b>	<b>5,310</b>	<b>3.6%</b>	<b>-17.6%</b>	<b>100%</b>

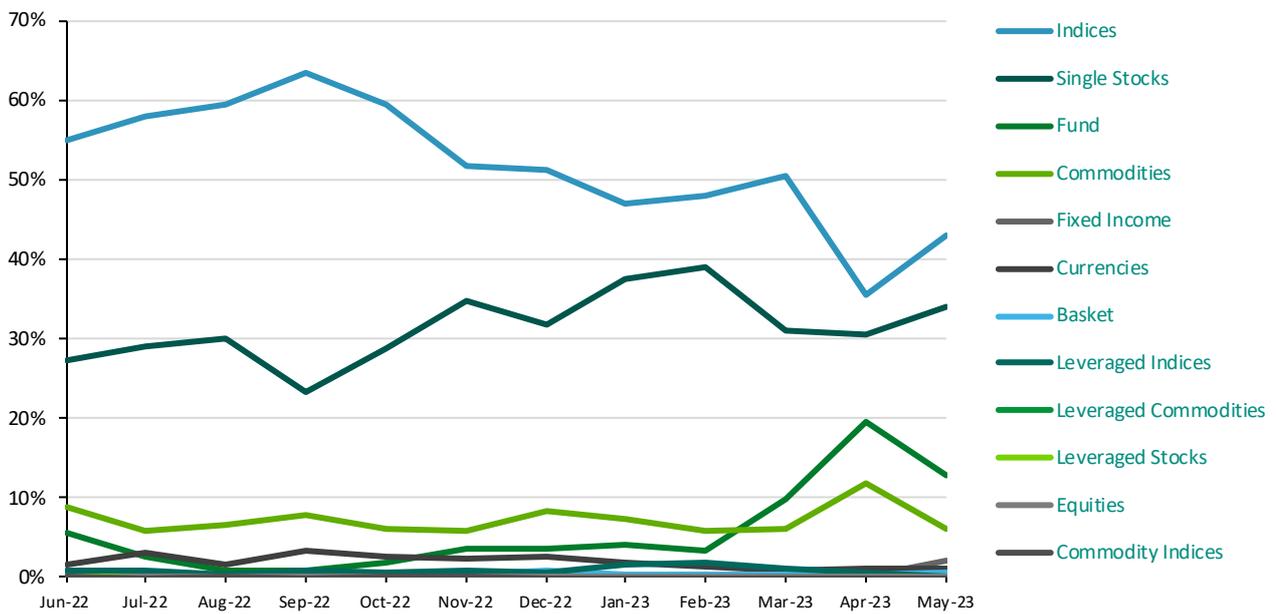
(Source Euronext)



# UNDERLYING TYPES

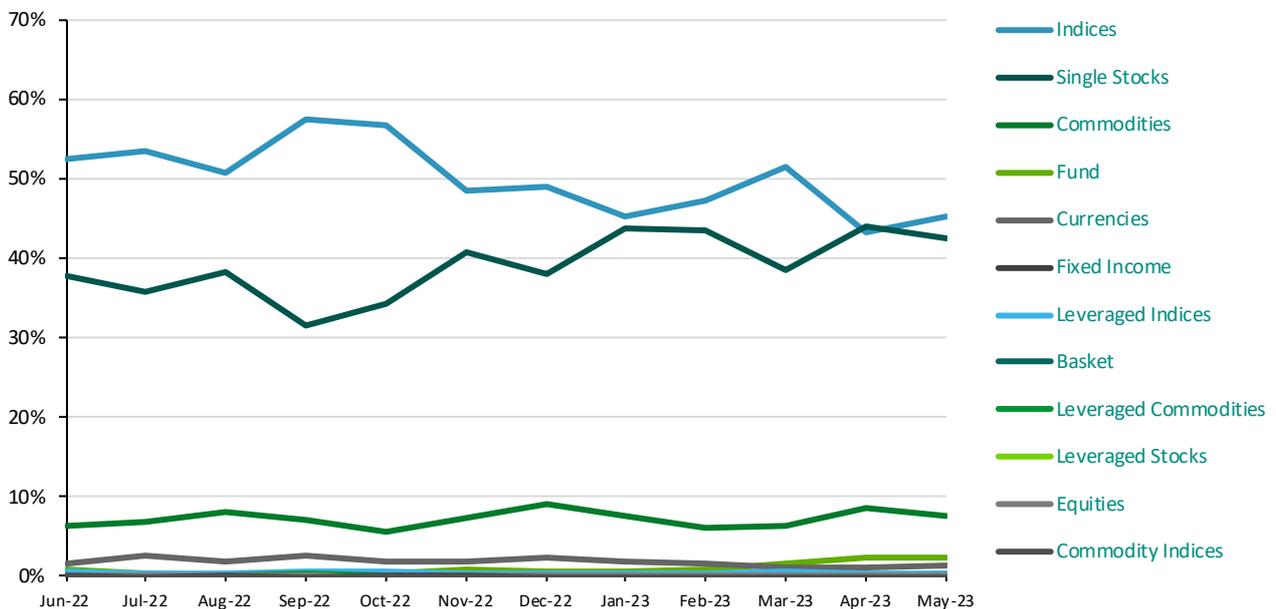
## Market Trend: Value traded

The historical graph below displays the weight of the value traded for each underlying type over the total value traded on all instruments traded on Euronext's pan-European MTF.



## Market Trend: Number of trades

The historical graph below displays the weight of the number of trades for each underlying type over the total number of trades on all instruments traded on Euronext's pan-European MTF.



# UNDERLYING TYPES

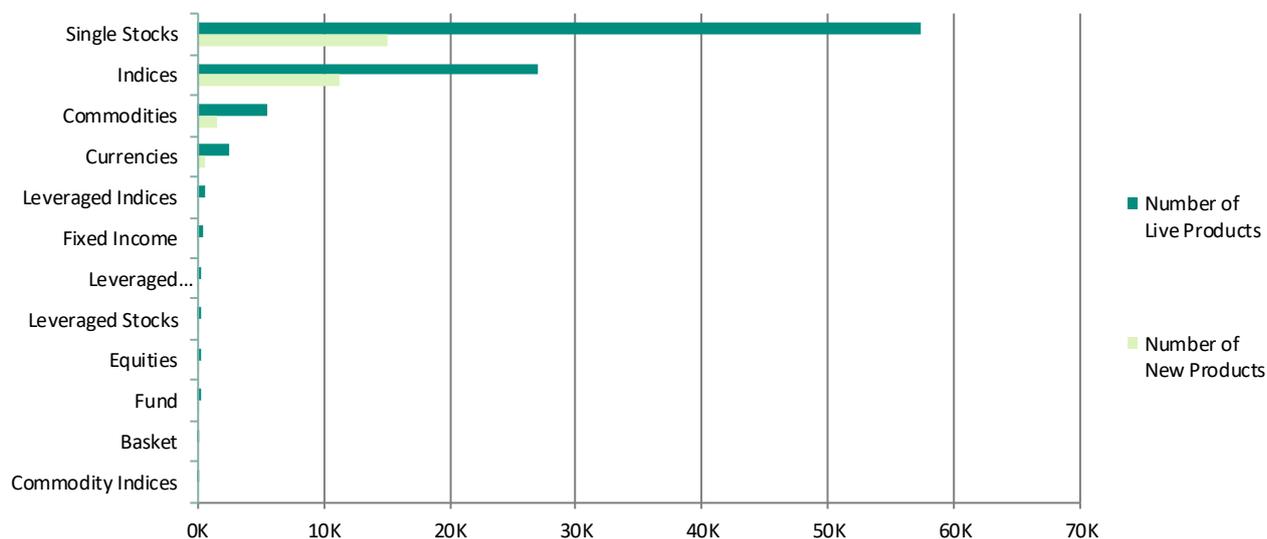
## Product Overview

The table below displays the daily average number of live products and the number of new products per underlying type on all instruments traded on Euronext's pan-European MTF, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each underlying type over the total.

The chart at the bottom of the page represents the number of live products and number of new products for each underlying type.

Underlying Types	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Single Stocks	57,304	2.8%	-5.5%	60.5%	15,015	20%	-22%	52.7%
Indices	26,980	1.4%	-13.7%	28.5%	11,278	53%	-24%	39.6%
Commodities	5,521	4.6%	13.6%	5.8%	1,555	-29%	-11.5%	5.5%
Currencies	2,568	1.3%	13.1%	2.7%	521	-8.3%	-29%	1.8%
Leveraged Indices	591	-3.7%	-11.3%	0.6%	6	-33%	-77%	0.0%
Fixed Income	421	0.5%	3.8%	0.4%	18	5.9%	-57%	0.1%
Leveraged Commodities	348	5.9%	-28%	0.4%	32	-26%	-44%	0.1%
Leveraged Stocks	345	0.9%	2.6%	0.4%	16	NA	-12.7%	0.1%
Equities	326	-2.7%	-26%	0.3%	61	-33%	-53%	0.2%
Fund	309	2.0%	6.1%	0.3%	7	-12.5%	31%	0.0%
Basket	19	-1.0%	-1.8%	0.0%	0			0.0%
Commodity Indices	1	0.0%	0.4%	0.0%	0			0.0%
<b>Total</b>	<b>94,734</b>	<b>2.4%</b>	<b>-6.8%</b>	<b>100%</b>	<b>28,509</b>	<b>25.0%</b>	<b>-22.9%</b>	<b>100%</b>

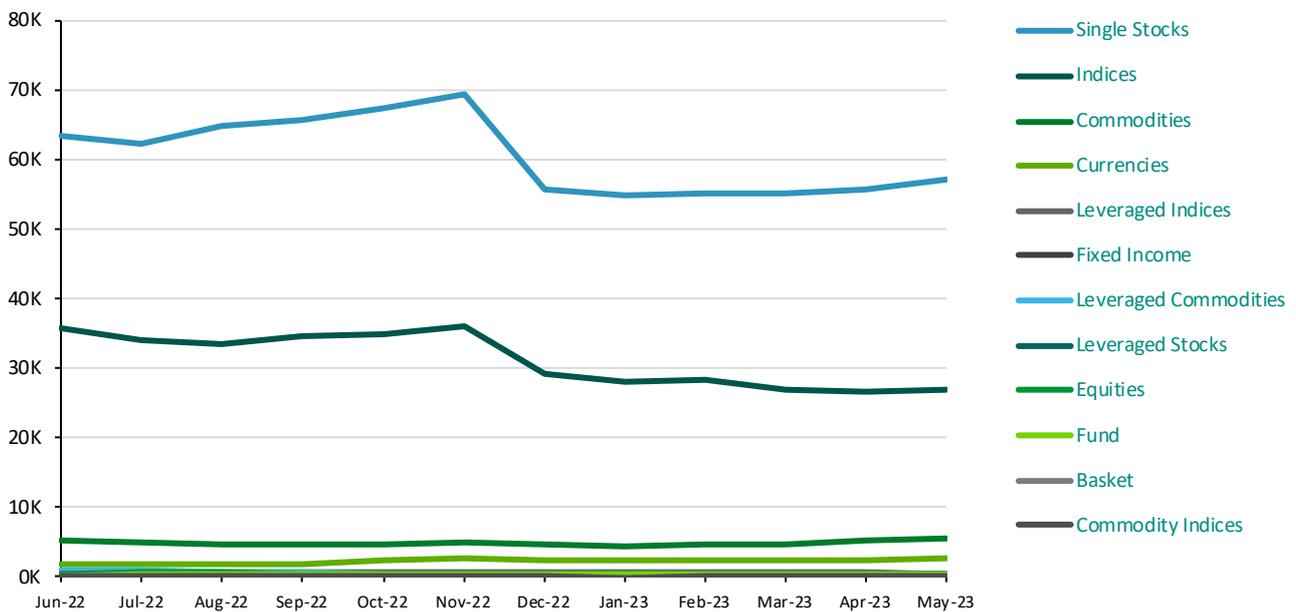
(Source Euronext)



# UNDERLYING TYPES

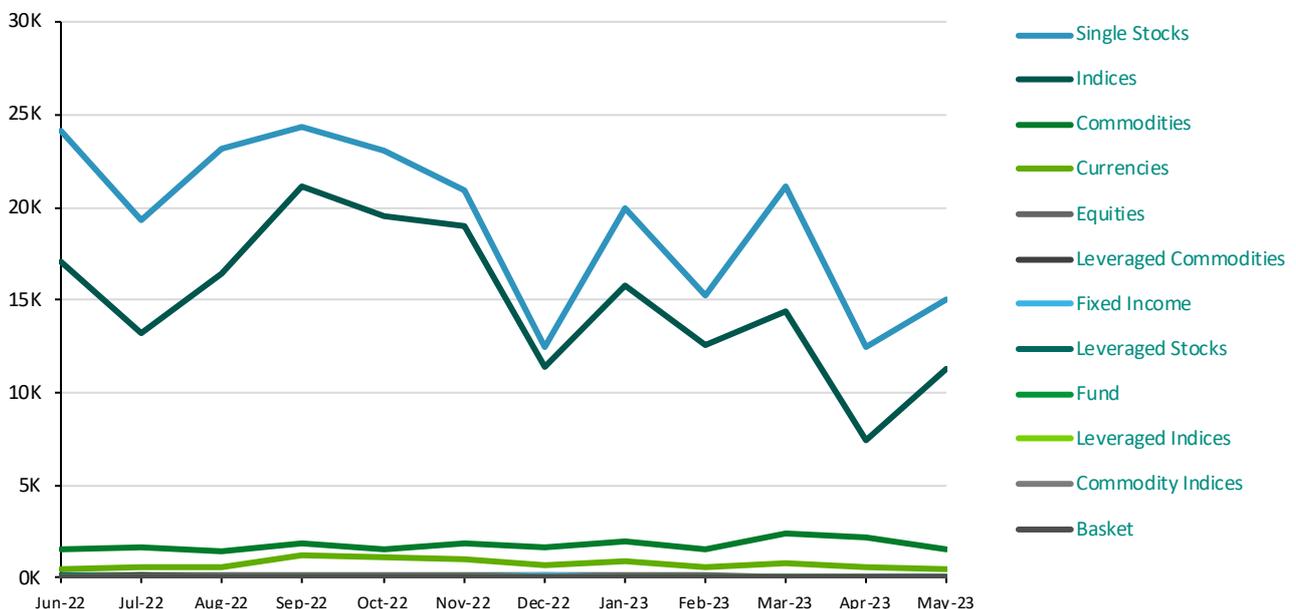
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each underlying type on all instruments traded on Euronext’s pan-European MTF.



## Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each underlying type on all instruments traded on Euronext’s pan-European MTF.



# TOP 10 UNDERLYING COUNTRIES

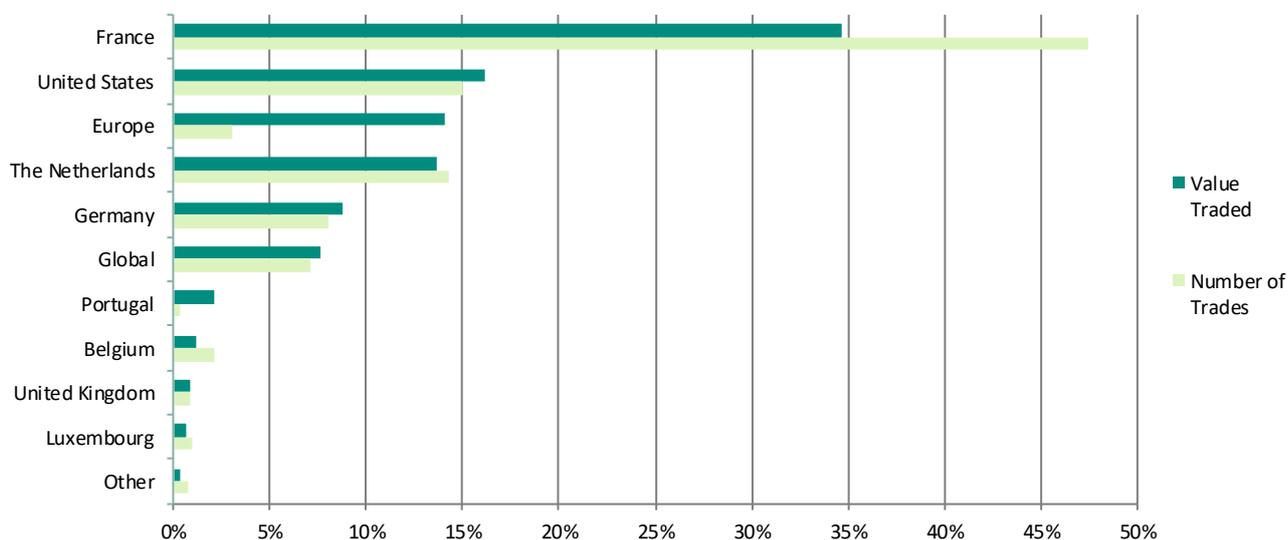
## Market Overview

The table below displays the daily averages of value traded and number of trades per country of origin of the underlying on all instruments traded on Euronext's pan-European MTF, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each underlying country of origin over the total.

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

Underlying Countries	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
France	7,481	-5.6%	-31%	34.7%	2,523	-2.0%	-22.8%	47.5%
United States	3,473	12.1%	-33%	16.1%	795	4.5%	-28%	15.0%
Europe	3,035	-39%	66%	14.1%	163	9.9%	82%	3.1%
The Netherlands	2,932	23%	-12.3%	13.6%	760	23%	1.9%	14.3%
Germany	1,889	11.2%	-21%	8.8%	428	6.3%	-17.2%	8.1%
Global	1,638	-41%	-21%	7.6%	377	-4.6%	-11.2%	7.1%
Portugal	448	NA	785%	2.1%	18	698%	350%	0.3%
Belgium	254	35%	-8.2%	1.2%	112	47%	-4.2%	2.1%
United Kingdom	172	-2.0%	-47%	0.8%	47	9.8%	-23%	0.9%
Luxembourg	143	-19.2%	-46%	0.7%	48	-11.9%	-16.1%	0.9%
Other	77		-50%	0.4%	39	-19.6%	-33%	0.7%
<b>Total</b>	<b>21,543</b>	<b>-8.5%</b>	<b>-19.6%</b>	<b>100%</b>	<b>5,310</b>	<b>3.6%</b>	<b>-17.6%</b>	<b>100%</b>

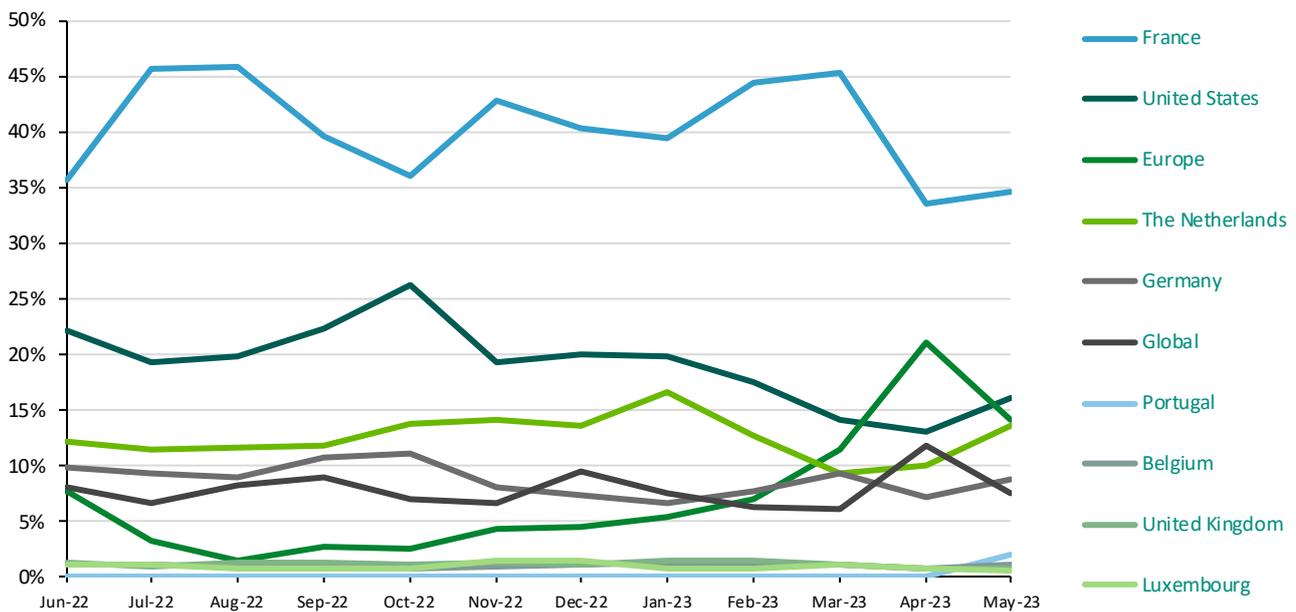
(Source Euronext)



# TOP 10 UNDERLYING COUNTRIES

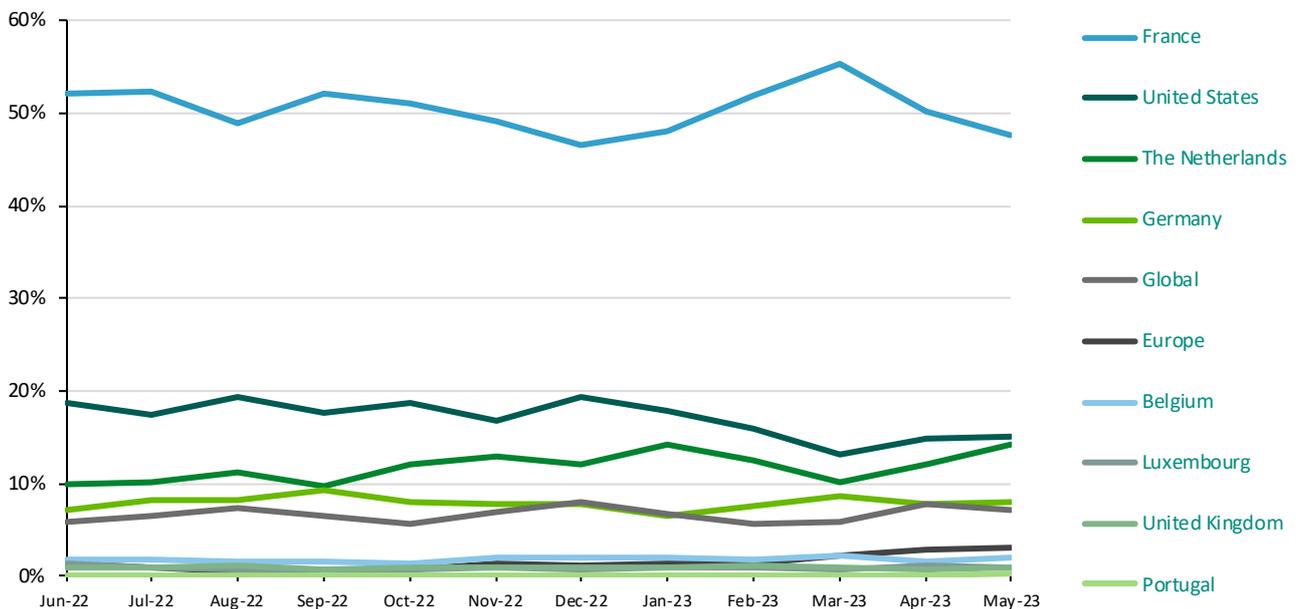
## Market Trend: Value traded

The historical graph below displays the weight of the value traded for each underlying country of origin over the total value traded on all instruments traded on Euronext's pan-European MTF.



## Market Trend: Number of trades

The historical graph below displays the weight of the number of trades for each underlying country of origin over the total number of trades on all instruments traded on Euronext's pan-European MTF.



## TOP 10 UNDERLYING COUNTRIES

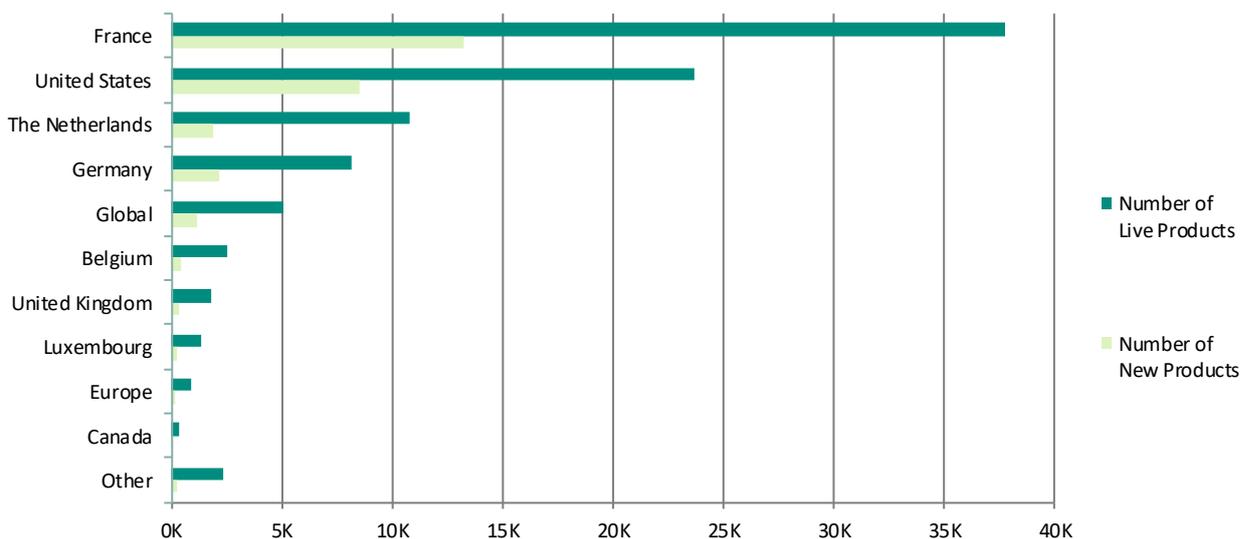
### Product Overview

The table below displays the daily average number of live products and the number of new products per country of origin of the underlying on all instruments traded on Euronext's pan-European MTF, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each underlying country of origin over the total.

The chart at the bottom of the page represents the number of live products and number of new products for each top

Underlying Countries	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
France	37,746	1.7%	-3.2%	39.8%	13,238	26%	-20%	46.4%
United States	23,697	3.6%	-9.5%	25.0%	8,500	48%	-14.4%	29.8%
The Netherlands	10,789	1.4%	-7.7%	11.4%	1,915	24%	-34%	6.7%
Germany	8,165	2.6%	-11.7%	8.6%	2,165	18.6%	-39%	7.6%
Global	5,086	4.1%	3.9%	5.4%	1,191	-26%	-14.1%	4.2%
Belgium	2,505	1.9%	-0.6%	2.6%	440	38%	-30%	1.5%
United Kingdom	1,829	1.5%	-7.1%	1.9%	300	5.3%	-35%	1.1%
Luxembourg	1,297	3.8%	-7.5%	1.4%	276	-3.8%	-42%	1.0%
Europe	929	1.7%	-50%	1.0%	119	8.2%	-57%	0.4%
Canada	384	1.5%	2.3%	0.4%	93	86%	-24%	0.3%
Other	2,306	2.0%	-7.5%	2.4%	272	-47%	-54%	1.0%
<b>Total</b>	<b>94,734</b>	<b>2.4%</b>	<b>-6.8%</b>	<b>100%</b>	<b>28,509</b>	<b>25.0%</b>	<b>-22.9%</b>	<b>100%</b>

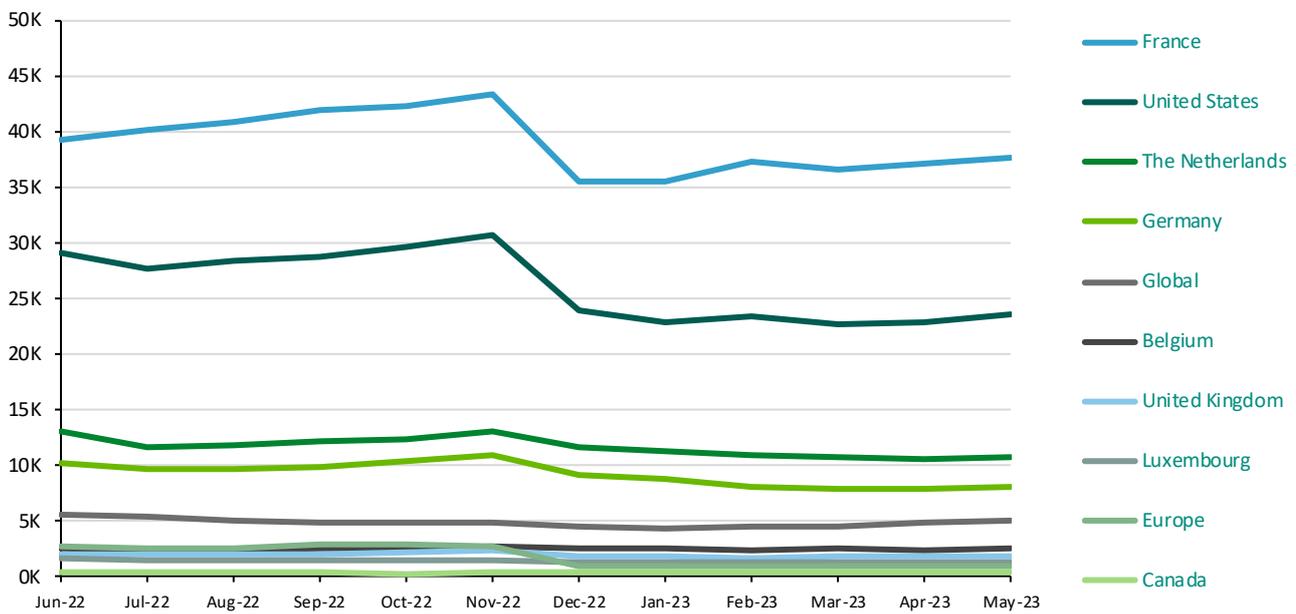
(Source Euronext)



# TOP 10 UNDERLYING COUNTRIES

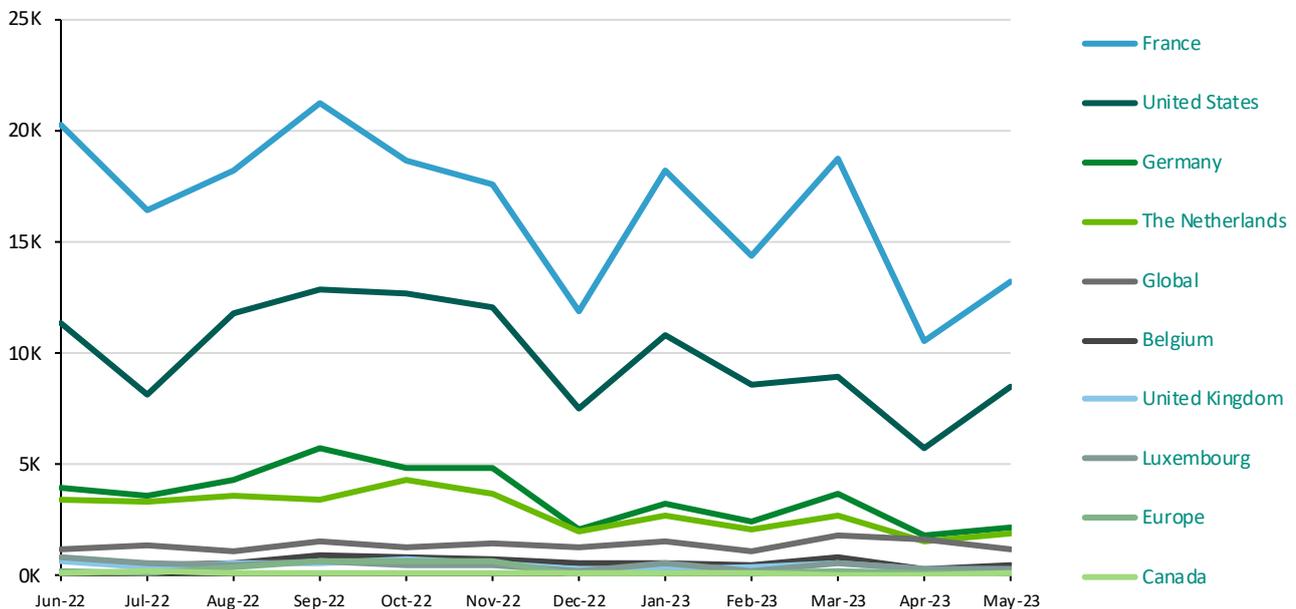
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each underlying country of origin on all instruments traded on Euronext's pan-European MTF.



## Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each underlying country of origin on all instruments traded on Euronext's pan-European MTF.



# TOP 10 UNDERLYINGS

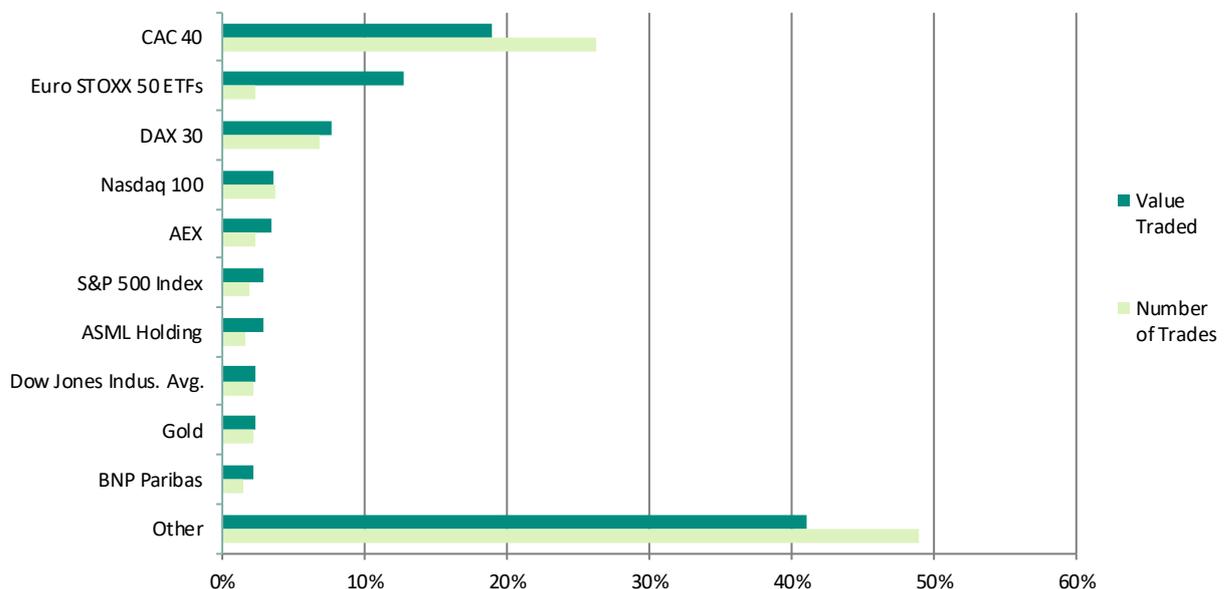
## Market Overview

The table below displays the daily averages of value traded and number of trades for the top 10 underlyings on all instruments traded on Euronext's pan-European MTF, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each of the top 10 underlyings over the total.

The chart at the bottom of the page represents the weight of each of the top 10 underlyings in terms of value traded and number of trades.

Underlyings	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
CAC 40	4,079	1.6%	-38%	18.9%	1,397	7.6%	-25.5%	26.3%
Euro STOXX 50 ETFs	2,747	-41%	91%	12.8%	126	8.2%	131%	2.4%
DAX 30	1,657	24%	-22%	7.7%	364	18.9%	-16.8%	6.9%
Nasdaq 100	775	-2.7%	-54%	3.6%	200	-7.2%	-43%	3.8%
AEX	754	21%	-45%	3.5%	126	9.6%	-40%	2.4%
S&P 500 Index	613	26%	-34%	2.8%	103	11.0%	-22%	1.9%
ASML Holding	609	104%	41%	2.8%	89	47%	20.0%	1.7%
Dow Jones Indus. Avg.	509	-0.6%	-15.2%	2.4%	116	6.9%	-28%	2.2%
Gold	485	-71%	-26%	2.2%	112	-16.2%	9.0%	2.1%
BNP Paribas	466	-28%	69%	2.2%	78	-21%	30%	1.5%
Other	8,850	3.7%	-17.4%	41.1%	2,600	0.8%	-12.8%	49.0%
<b>Total</b>	<b>21,543</b>	<b>-8.5%</b>	<b>-19.6%</b>	<b>100%</b>	<b>5,310</b>	<b>3.6%</b>	<b>-17.6%</b>	<b>100%</b>

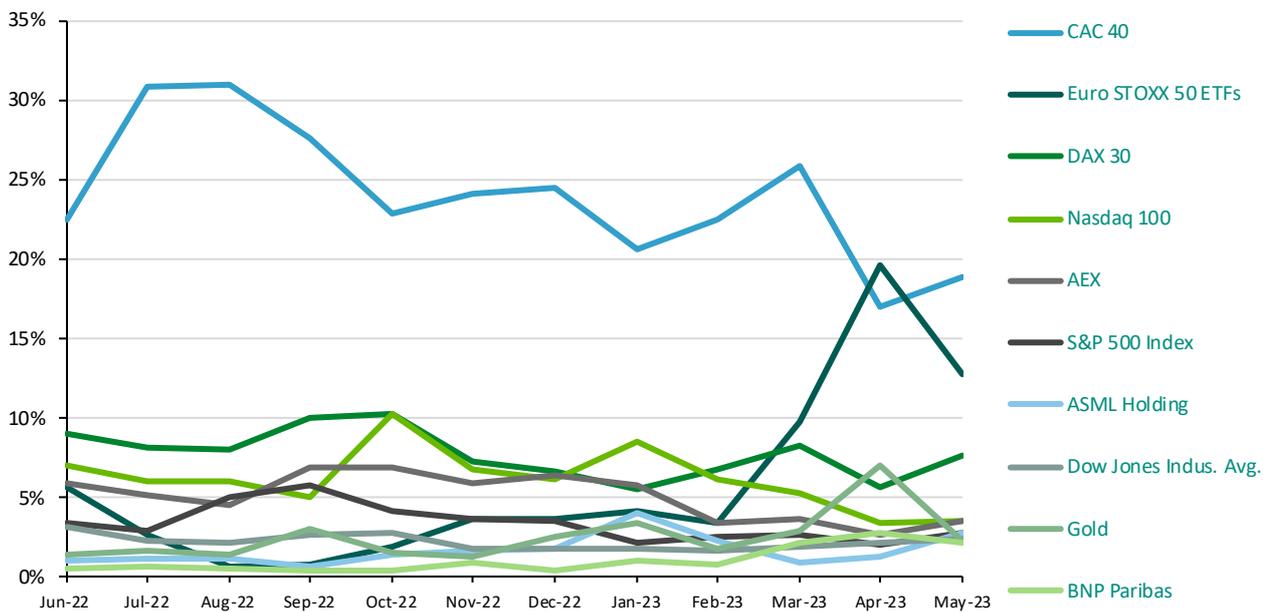
(Source Euronext)



# TOP 10 UNDERLYINGS

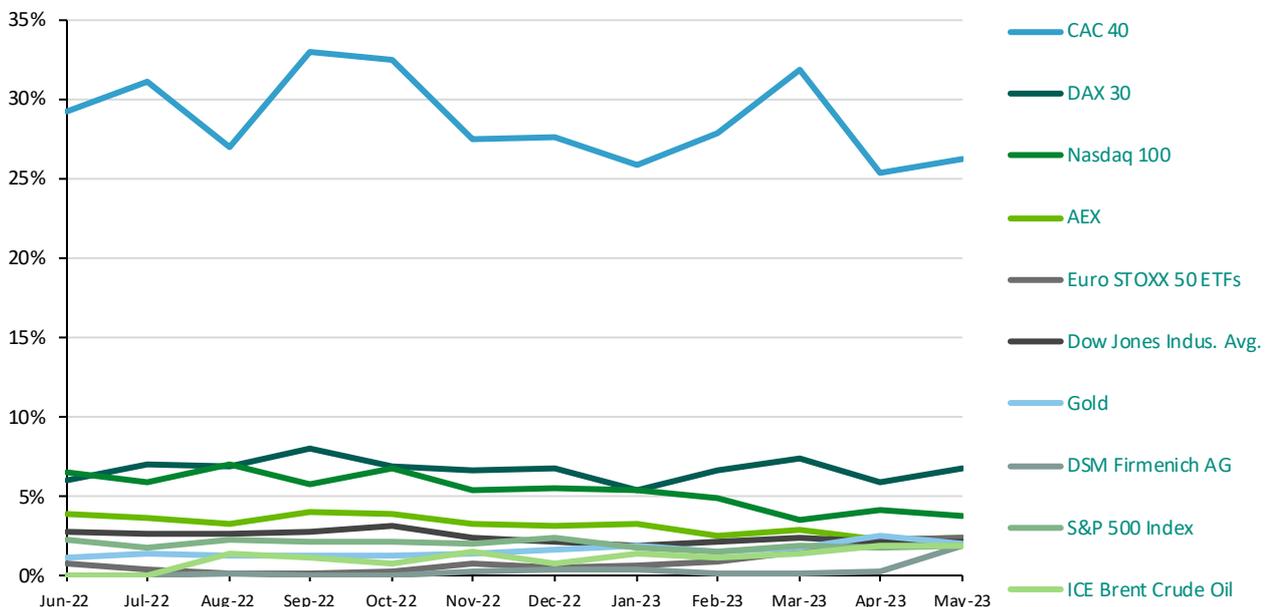
## Market Trend: Value traded

The historical graph below displays the weight of the value traded for each top 10 underlying over the total value traded on all instruments traded on Euronext's pan-European MTF.



## Market Trend: Number of trades

The historical graph below displays the weight of the number of trades for each top 10 underlying over the total number of trades on all instruments traded on Euronext's pan-European MTF.



# TOP 10 UNDERLYINGS

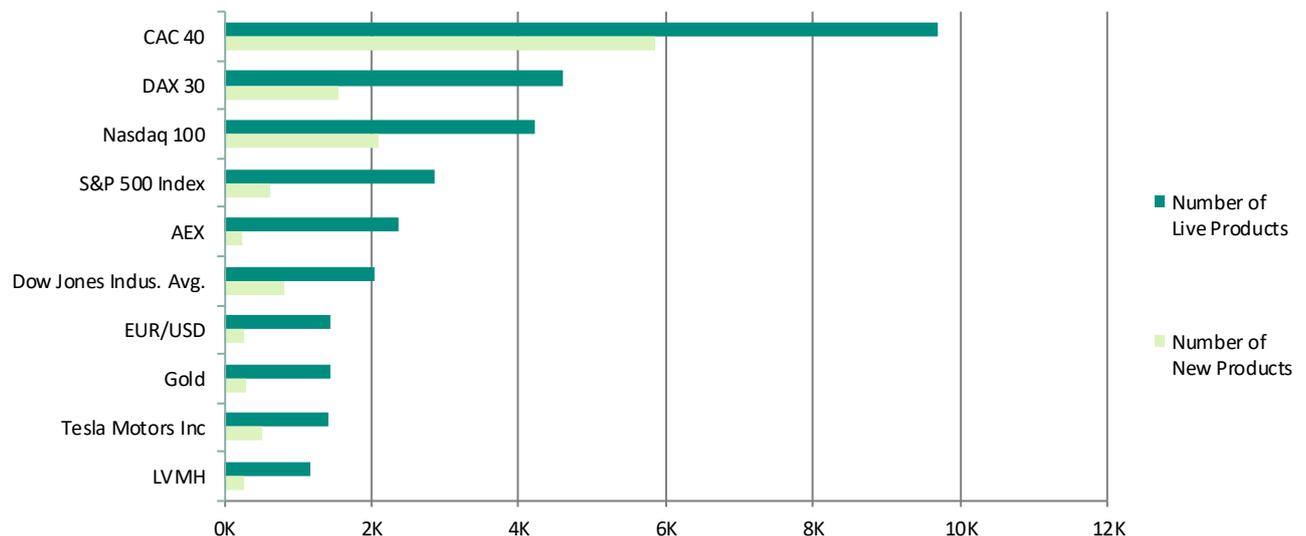
## Product Overview

The table below displays the daily average number of live products and the number of new products for the top 10 underlyings on all instruments traded on Euronext's pan-European MTF, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each of the top 10 underlyings over the total.

The chart at the bottom of the page represents the number of live products and number of new products for each top 10 underlying.

Underlyings	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
CAC 40	9,695	-1.5%	-6.2%	10.2%	5,845	47%	-20%	20.5%
DAX 30	4,604	4.5%	-10.7%	4.9%	1,536	41%	-31%	5.4%
Nasdaq 100	4,212	5.4%	-6.5%	4.4%	2,100	88%	-4.0%	7.4%
S&P 500 Index	2,846	2.7%	-13.2%	3.0%	616	37%	-37%	2.2%
AEX	2,372	0.8%	-22%	2.5%	226	79%	-58%	0.8%
Dow Jones Indus. Avg.	2,039	0.5%	-24%	2.2%	806	57%	-37%	2.8%
EUR/USD	1,444	0.0%	5.0%	1.5%	264	-22%	-42%	0.9%
Gold	1,427	1.0%	6.6%	1.5%	306	-24%	-18.4%	1.1%
Tesla Motors Inc	1,417	2.5%	-6.3%	1.5%	507	-5.4%	-30%	1.8%
LVMH	1,167	4.6%	3.1%	1.2%	253	-25%	-25%	0.9%
Other	63,512	2.8%	-5.7%	67.0%	16,050	15.2%	-22%	56.3%
<b>Total</b>	<b>94,734</b>	<b>2.4%</b>	<b>-6.8%</b>	<b>100%</b>	<b>28,509</b>	<b>25.0%</b>	<b>-22.9%</b>	<b>100%</b>

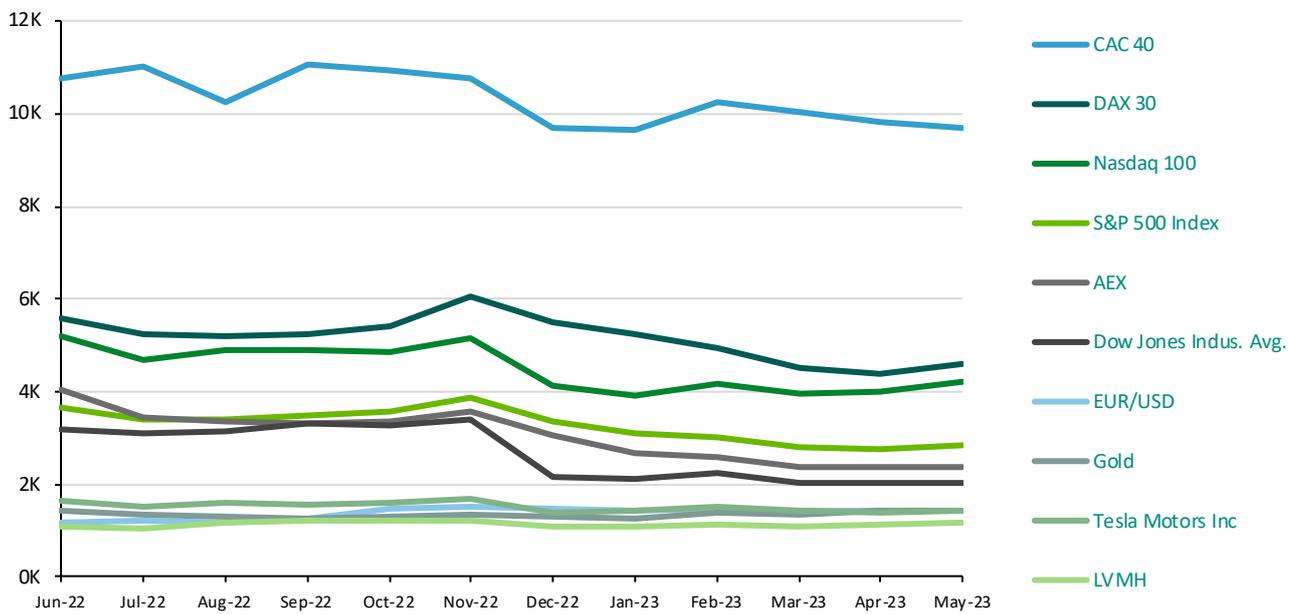
(Source Euronext)



# TOP 10 UNDERLYINGS

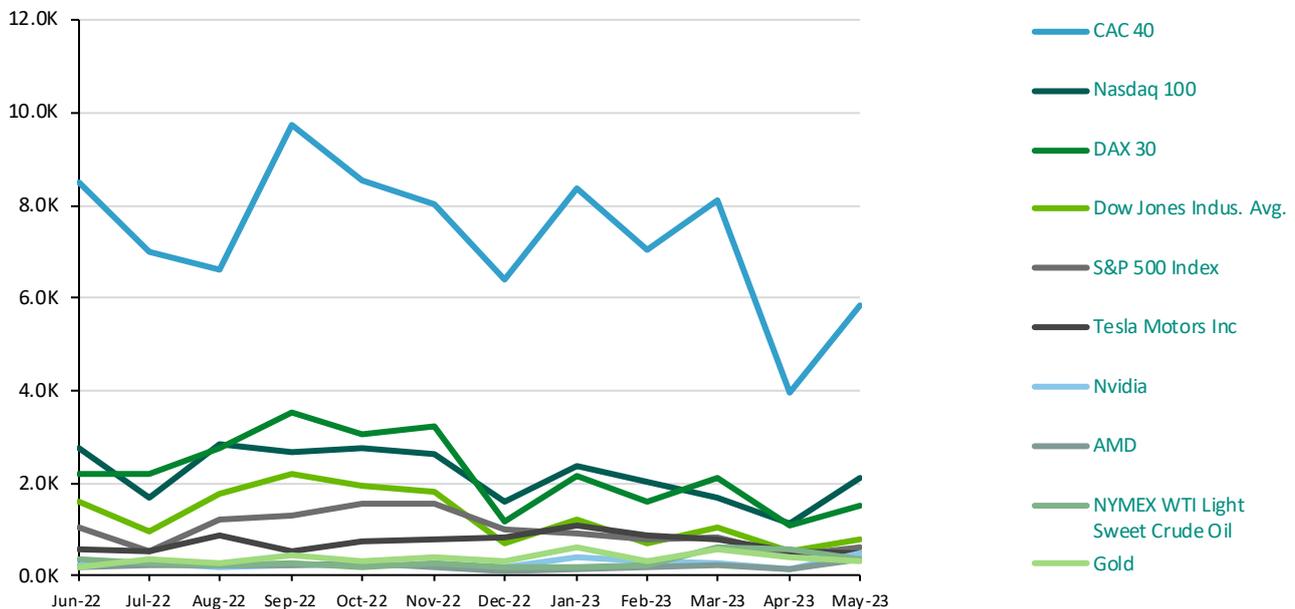
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each top 10 underlying on all instruments traded on Euronext's pan-European MTF.



## Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each top 10 underlying on all instruments traded on Euronext's pan-European MTF.



# TOP 50 TRADED PRODUCTS

## Top 50 traded products

The table below displays the 50 most traded products (in terms of value traded) on all instruments traded on Euronext's pan-European MTF.

ISIN Code	Issuer	Product Type	Underlying	Value Traded (in €k)	Nb of Trades
NLBNPFR1IBC3	BNP Paribas	2100   Warrants	Euro STOXX 50 ETFs	35,752	565
NLBNPFR1IBA7	BNP Paribas	2100   Warrants	Euro STOXX 50 ETFs	12,352	1,383
NLBNPFR1IBB5	BNP Paribas	2100   Warrants	Euro STOXX 50 ETFs	11,316	744
PTBCPIYM0063	BCP	1300   Tracker Certificates	PT Treasury Bonds 2.875% (Oct	9,476	344
PTBITHYM0080	BCP	1300   Tracker Certificates	S&P 500 Index	6,238	382
PTBITTYE0094	BCP	1300   Tracker Certificates	MSCI World Index	6,141	451
FRBNPP05LV56	BNP Paribas	2300   Constant Leverage Certificate	CAC 40	4,405	79
FRBNPP05KM17	BNP Paribas	2205   Open-End Knock-Out Warrants	CAC 40	4,044	186
PTBIVRYE0068	BCP	1300   Tracker Certificates	Euro STOXX 50	3,982	306
FRBNPP05I187	BNP Paribas	2300   Constant Leverage Certificate	BNP Paribas	2,978	141
NL0006454928	BNP Paribas	1300   Tracker Certificates	Gold	2,556	45
FRBNPP05DUG9	BNP Paribas	2205   Open-End Knock-Out Warrants	CAC 40	2,440	422
PTBCPZYM0047	BCP	1300   Tracker Certificates	NASDAQ-100 Notional Net Tot	2,298	177
DE000SQ4U2X2	Société Générale	2100   Warrants	DAX 30	2,281	31
NLBNPNL28I05	BNP Paribas	2210   Mini-Futures	ASML Holding	2,247	161
NLBNPNL2D5S5	BNP Paribas	2210   Mini-Futures	ASML Holding	1,527	113
FRBNPP058TD4	BNP Paribas	2205   Open-End Knock-Out Warrants	Russell 2000	1,519	16
DE000SV2QU15	Société Générale	2205   Open-End Knock-Out Warrants	CAC 40	1,473	120
FRBNPP059CW8	BNP Paribas	2300   Constant Leverage Certificate	CAC 40	1,435	78
DE000SV40UU5	Société Générale	2300   Constant Leverage Certificate	ICE Brent Crude Oil	1,425	30
DE000SV2A4R6	Société Générale	2300   Constant Leverage Certificate	BNP Paribas	1,418	107
FRBNPP059CI7	BNP Paribas	2300   Constant Leverage Certificate	CAC 40	1,300	10
DE000SV29BA0	Société Générale	2200   Knock-Out Warrants	DAX 30	1,273	51
DE000SV29BC6	Société Générale	2200   Knock-Out Warrants	DAX 30	1,255	65
NLBNPNL283Q4	BNP Paribas	2210   Mini-Futures	ASML Holding	1,230	89
NLBNPNL1HAF6	BNP Paribas	2210   Mini-Futures	AEX	1,226	86
NLBNPNL12635	BNP Paribas	2210   Mini-Futures	Fugro	1,224	294
DE000SB2EHS1	Société Générale	2300   Constant Leverage Certificate	CAC 40	1,220	6
FRBNPP01XBW3	BNP Paribas	2300   Constant Leverage Certificate	CAC 40	1,129	106
DE000SV19YR7	Société Générale	2200   Knock-Out Warrants	CAC 40	1,095	128
NLBNPNL27TU1	BNP Paribas	2210   Mini-Futures	AEX	1,086	170
NLBNPNL2C537	BNP Paribas	2205   Open-End Knock-Out Warrants	DSM Firmenich AG	1,033	402
DE000SQ7X9B7	Société Générale	2205   Open-End Knock-Out Warrants	CAC 40	1,021	102
DE000SV167N4	Société Générale	2300   Constant Leverage Certificate	Volkswagen	1,008	24
DE000SD2STV8	Société Générale	2300   Constant Leverage Certificate	Crédit Agricole	1,000	32
NLBNPNL1HBR9	BNP Paribas	2210   Mini-Futures	DAX 30	997	139
DE000SH3T360	Société Générale	2300   Constant Leverage Certificate	CAC 40	984	265
DE000SV48319	Société Générale	2200   Knock-Out Warrants	DAX 30	977	22
NLBNPNL2CGA3	BNP Paribas	2205   Open-End Knock-Out Warrants	DSM Firmenich AG	974	565
FRBNPP0586E3	BNP Paribas	1250   Capped Bonus Certificates	Alstom	969	5
NLBNPNL2B455	BNP Paribas	2210   Mini-Futures	Gold	964	31
FRBNPP04PU70	BNP Paribas	2300   Constant Leverage Certificate	CAC 40	962	94
PTBIT7YM0043	BCP	1300   Tracker Certificates	Basket of Indices	962	22
FRBNPP0588N0	BNP Paribas	1250   Capped Bonus Certificates	Crédit Agricole	962	9
NLBNPNL1J2H0	BNP Paribas	2210   Mini-Futures	AEX	932	73
NLBNPNL2D5R7	BNP Paribas	2210   Mini-Futures	ASML Holding	930	70
FRBNPP05AT38	BNP Paribas	2300   Constant Leverage Certificate	CAC 40	923	62
DE000SD4TFE7	Société Générale	2205   Open-End Knock-Out Warrants	DAX 30	923	212
DE000SV4ETU4	Société Générale	2300   Constant Leverage Certificate	Société Générale	922	100
DE000SQ4U2L7	Société Générale	2100   Warrants	DAX 30	887	16

(Source Euronext)



# Euroclear Belgium Instruments

# ISSUERS

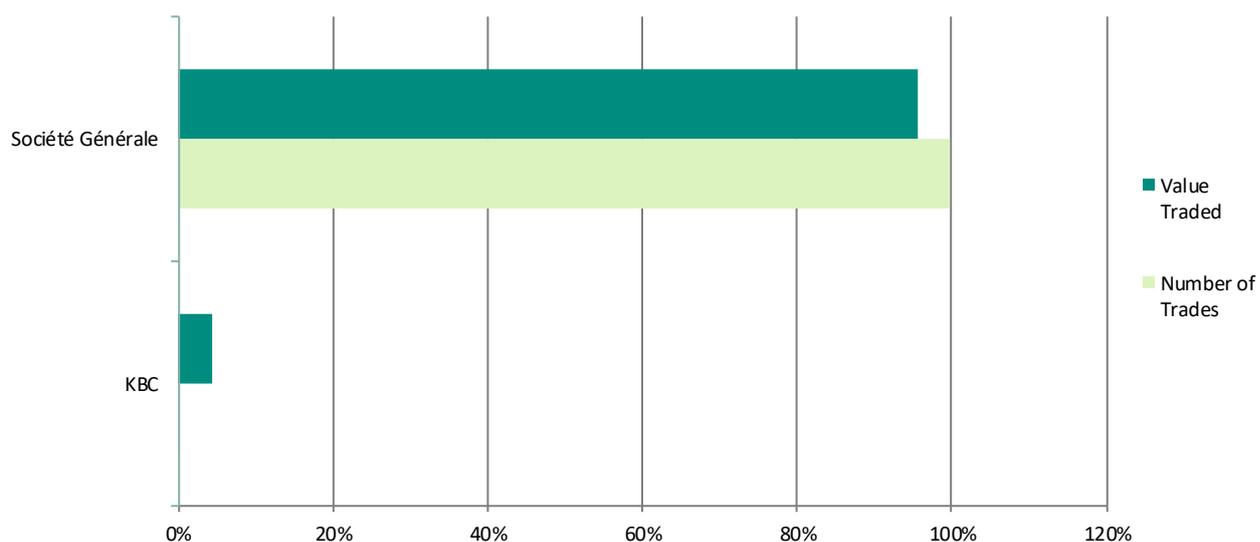
## Market Overview

The table below displays the daily averages of value traded and number of trades per issuer on Euroclear Belgium instruments traded on Euronext's pan-European MTF, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each issuer over the total.

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

Issuers	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
Société Générale	97	95%	-43%	95.7%	20	21.2%	-48.8%	99.8%
KBC	4	-95%	-97%	4.3%	0.0	-83.6%	-95.8%	0.2%
Total	101	-23.5%	-69.1%	100%	20	19.4%	-50.1%	100%

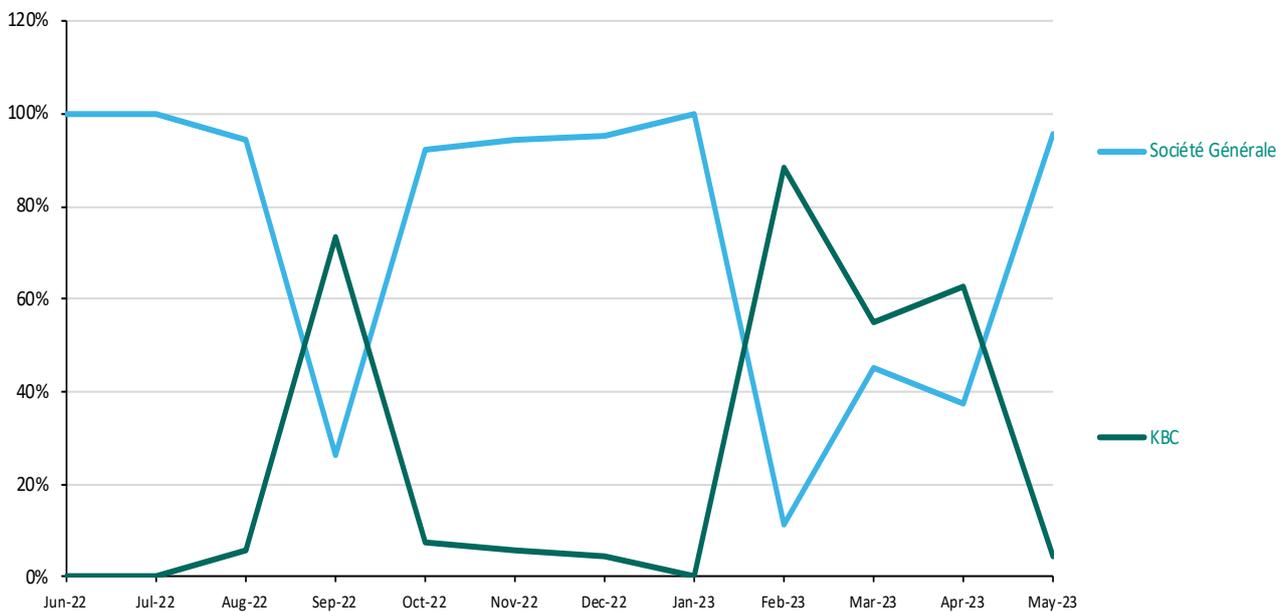
(Source Euronext)



# ISSUERS

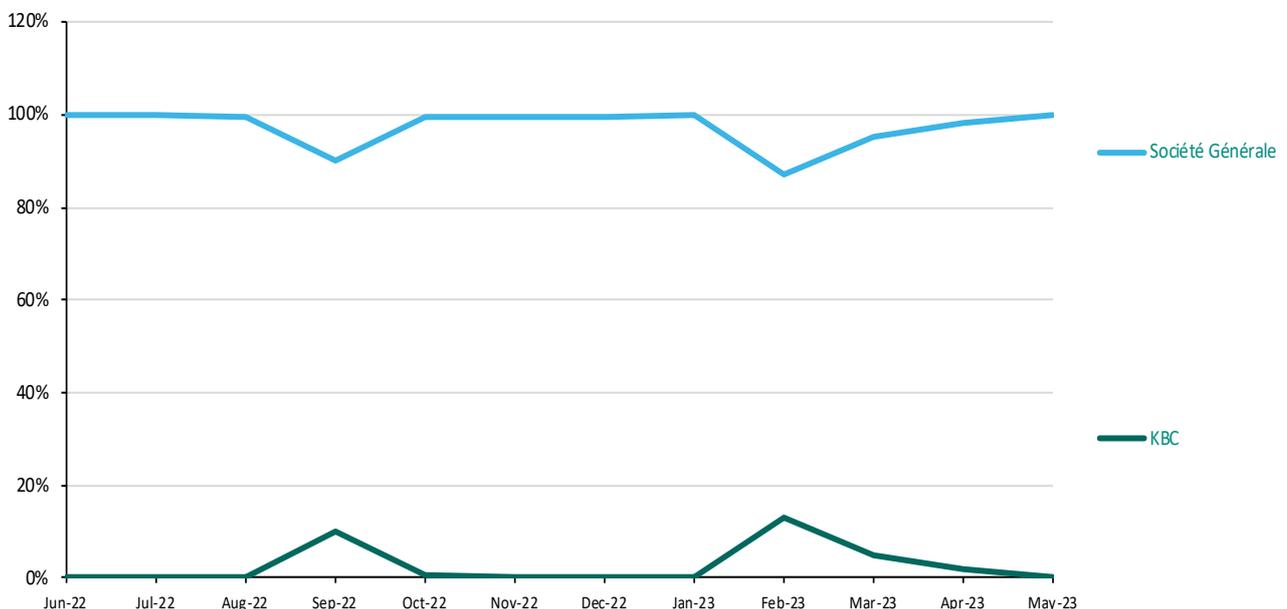
## Market Trend: Value traded

The historical graph below displays the weight of the value traded for each issuer over the total value traded on Euroclear Belgium instruments traded on Euronext’s pan-European MTF.



## Market Trend: Number of trades

The historical graph below displays the weight of the number of trades of each issuer over the total number of trades on Euroclear Belgium instruments traded on Euronext’s pan-European MTF.



# ISSUERS

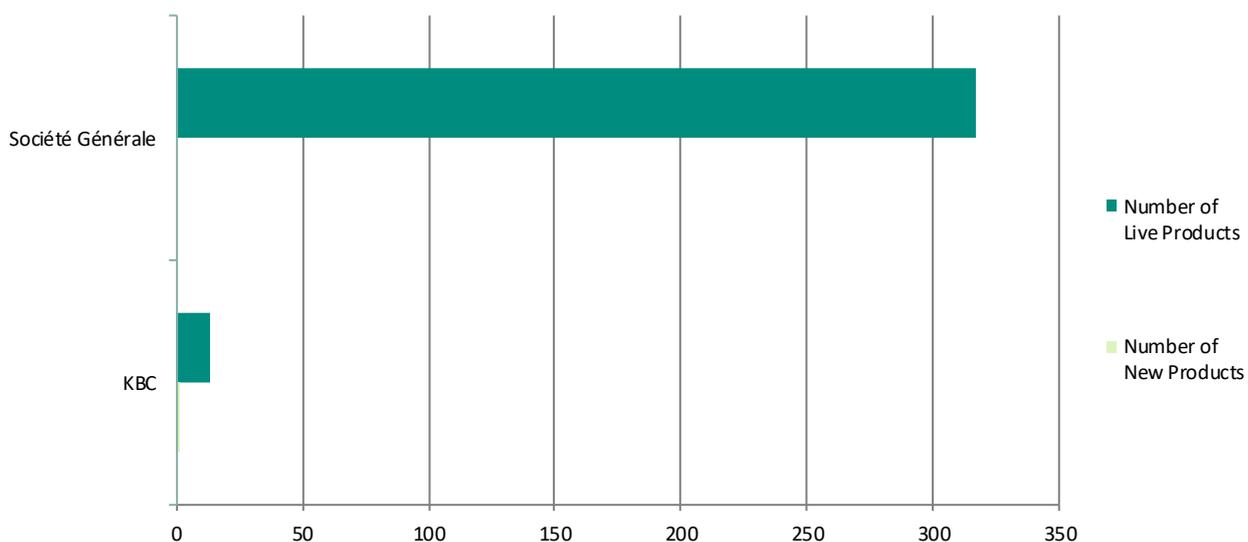
## Product Overview

The table below displays the daily average number of live products and the number of new products per issuer on Euroclear Belgium instruments traded on Euronext's pan-European MTF, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each issuer over the total.

The chart at the bottom of the page represents the number of live products and number of new products for each issuer.

Issuers	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Société Générale	317	-4.5%	-18.8%	96.0%	0		-100%	0.0%
KBC	13	-26%	-29%	4.0%	1	-50%	-40%	100.0%
Total	331	-5.6%	-19.3%	100%	1	-50.0%	-99.2%	100%

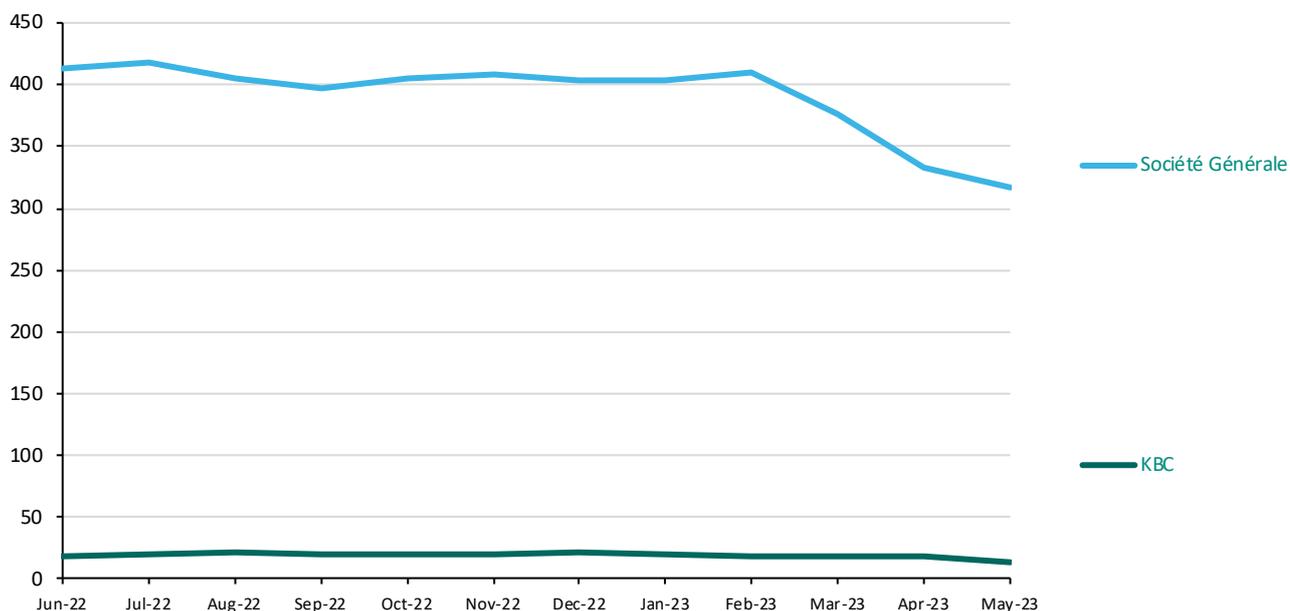
(Source Euronext)



# ISSUERS

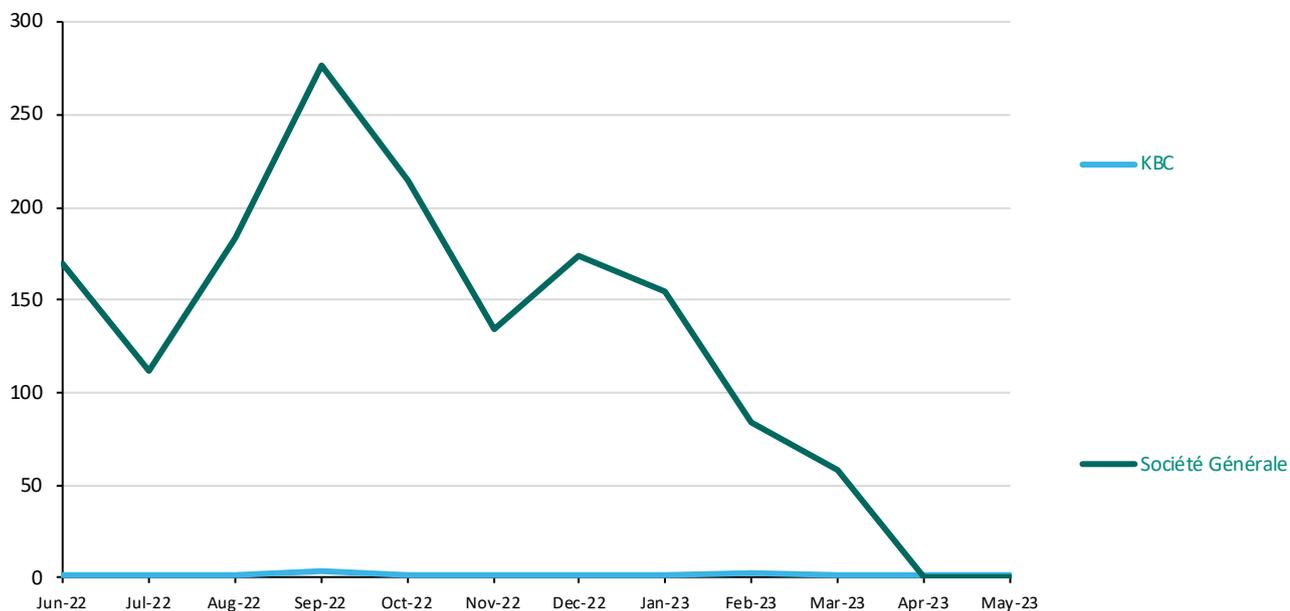
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each issuer on Euroclear Belgium instruments traded on Euronext's pan-European MTF.



## Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each issuer on Euroclear Belgium instruments traded on Euronext's pan-European MTF.



# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 2)

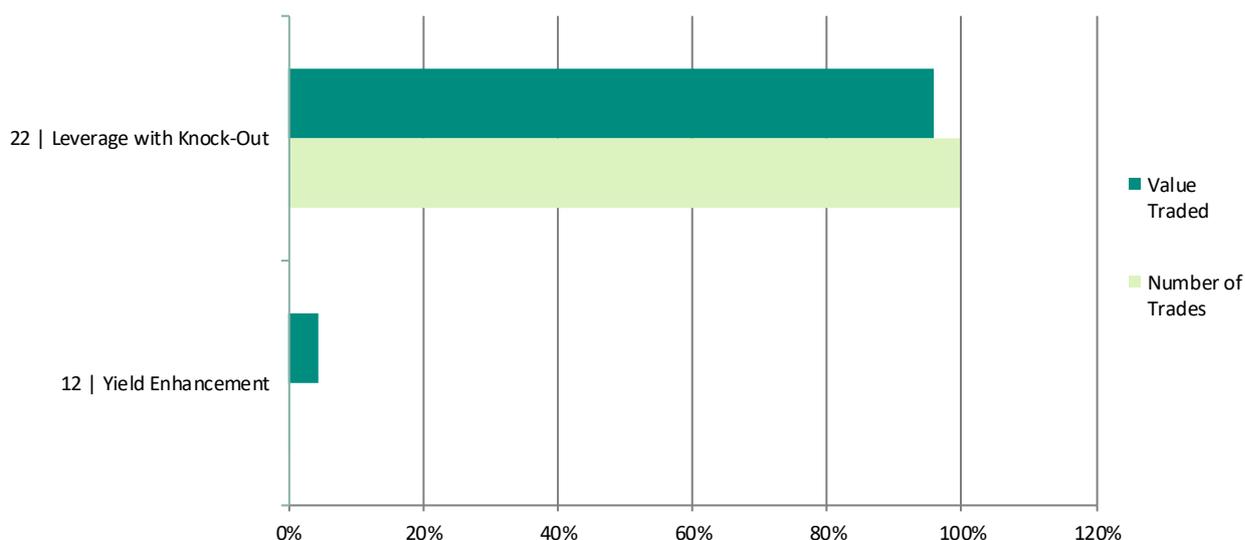
## Market Overview

The table below displays the daily averages of value traded and number of trades per product type (EUSIPA<sup>1</sup> categorization level 2) on Euroclear Belgium instruments traded on Euronext's pan-European MTF, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each product type over the total.

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

Product Types (EUSIPA Categorization Level 2)	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
22   Leverage with Knock-Out	97	95%	-43%	95.7%	20	21.2%	-48.8%	99.8%
12   Yield Enhancement	4	-95%	-97%	4.3%	0.0	-83.6%	-95.8%	0.2%
Total	101	-23.5%	-69.1%	100%	20	19.4%	-50.1%	100%

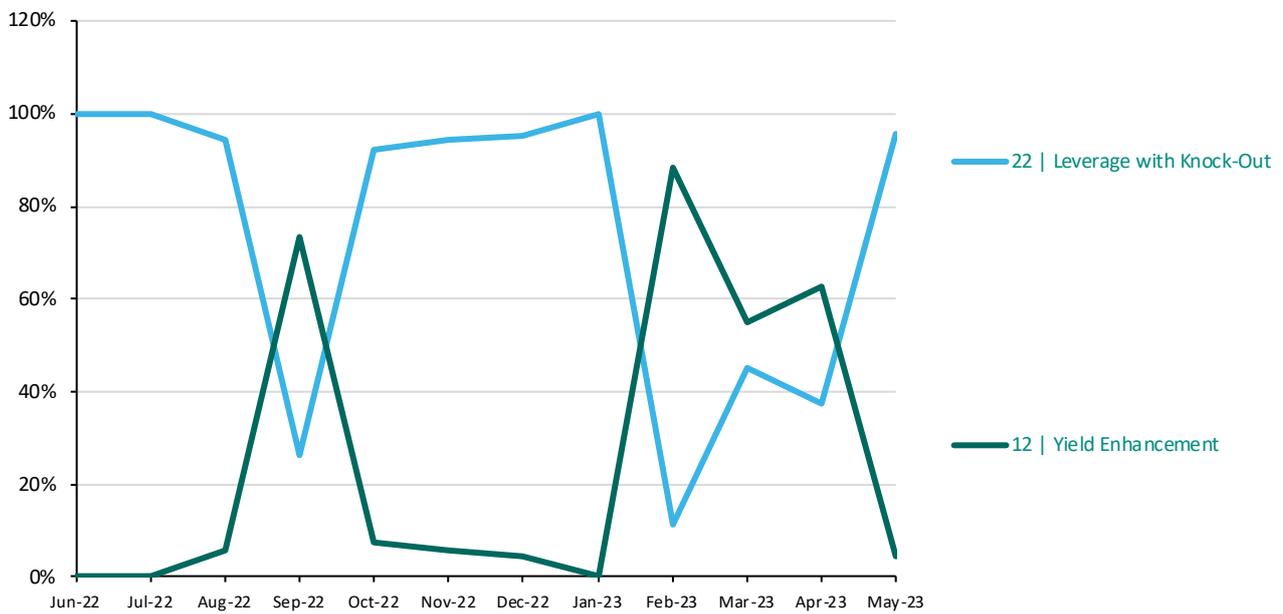
(Source Euronext)



# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 2)

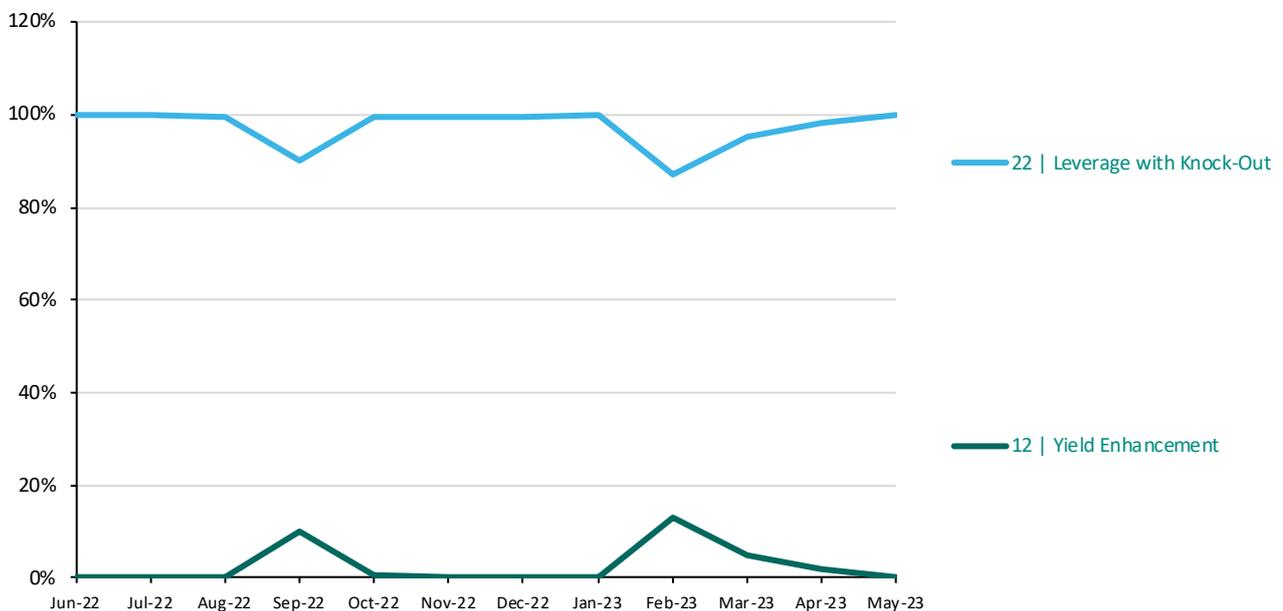
## Market Trend: Value traded

The historical graph below displays the weight of the value traded for each product type over the total value traded on Euroclear Belgium instruments traded on Euronext’s pan-European MTF.



## Market Trend: Number of trades

The historical graph below displays the weight of the number of trades of each product type over the total number of trades on Euroclear Belgium instruments traded on Euronext’s pan-European MTF.



# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 2)

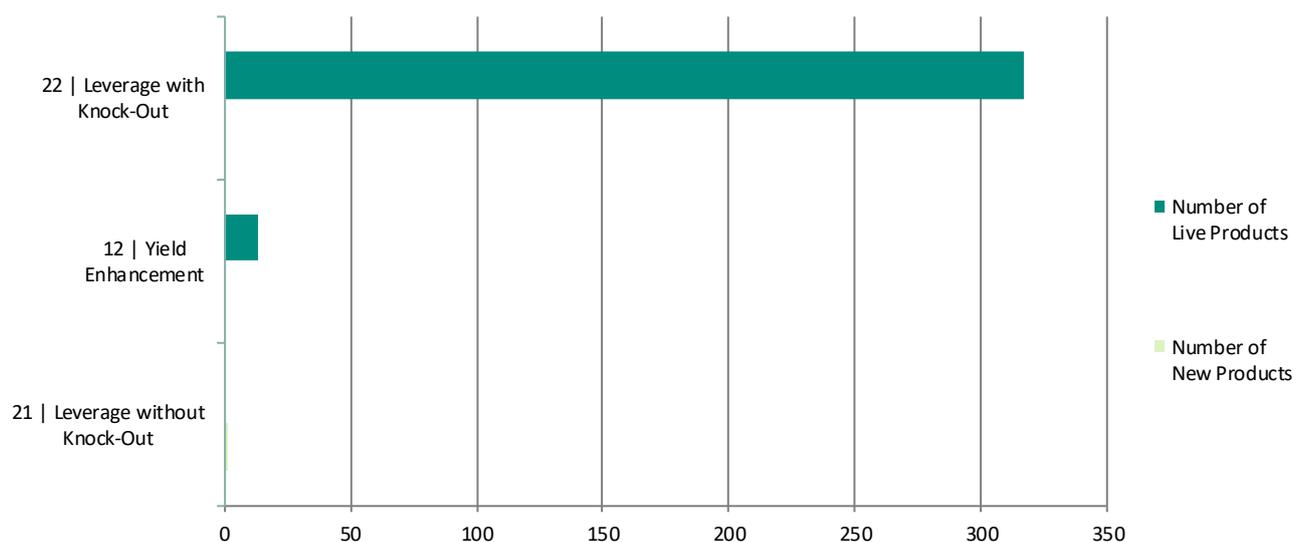
## Product Overview

The table below displays the daily average number of live products and the number of new products per product type (EUSIPA<sup>1</sup> categorization level 2) on Euroclear Belgium instruments traded on Euronext's pan-European MTF, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each product type over the total.

The chart at the bottom of the page represents the number of live products and number of new products for each

Product Types (EUSIPA Categorization Level 2)	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
22   Leverage with Knock-Out	317	-4.5%	-18.8%	96.0%	0		-100%	0.0%
12   Yield Enhancement	13	-26%	-29%	4.0%	0		-100%	0.0%
21   Leverage without Knock-Out	0	-100%	-100%	0.0%	1	-50%	-14.3%	100.0%
<b>Total</b>	<b>331</b>	<b>-5.6%</b>	<b>-19.3%</b>	<b>100%</b>	<b>1</b>	<b>-50.0%</b>	<b>-99.2%</b>	<b>100%</b>

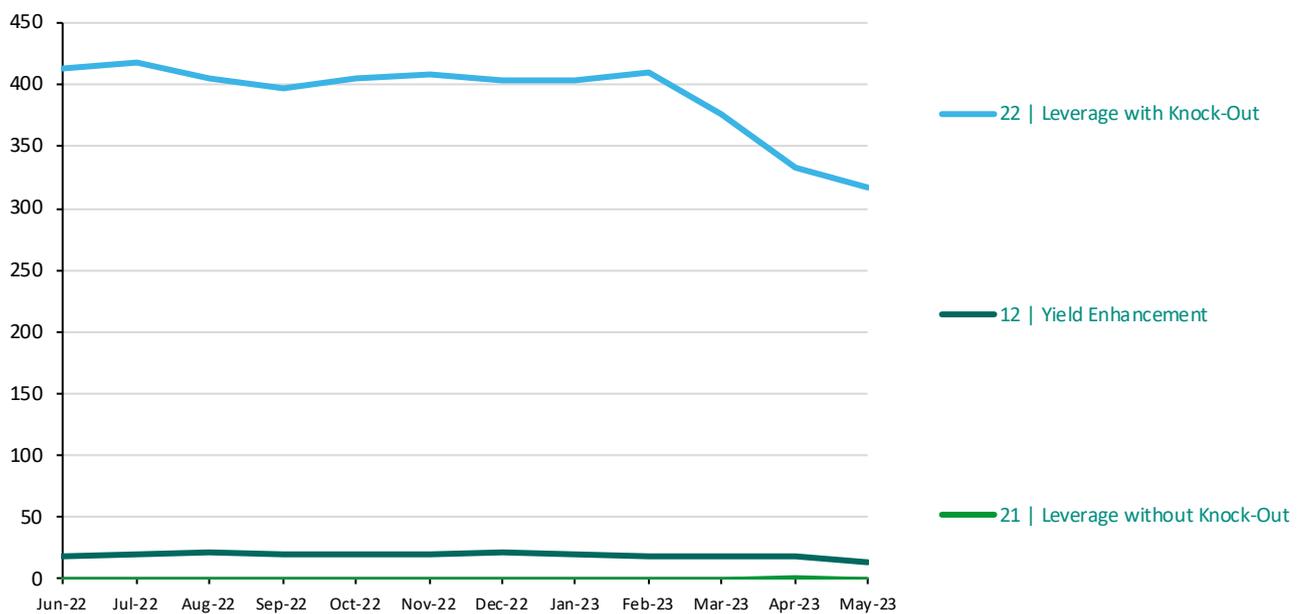
(Source Euronext)



# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 2)

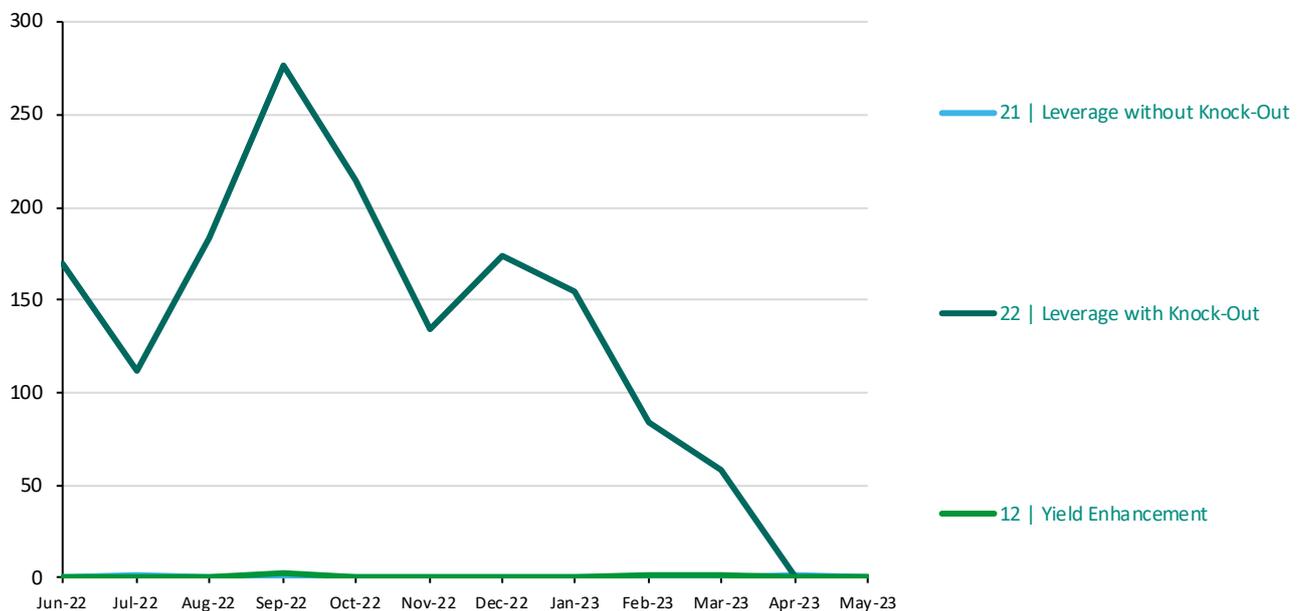
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each product type on Euroclear Belgium instruments traded on Euronext's pan-European MTF.



## Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each product type on Euroclear Belgium instruments traded on Euronext's pan-European MTF.



# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 3)

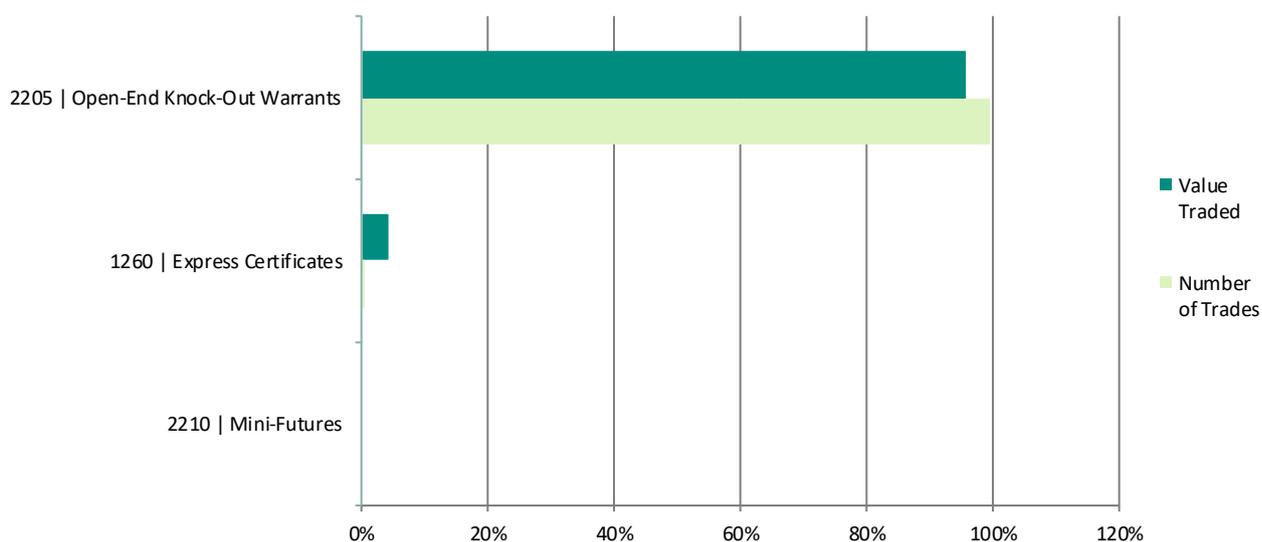
## Market Overview

The table below displays the daily averages of value traded and number of trades per product type (EUSIPA<sup>1</sup> categorization level 3) on Euroclear Belgium instruments traded on Euronext's pan-European MTF, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each product type over the total.

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

Product Types (EUSIPA Categorization Level 3)	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
2205   Open-End Knock-Out Warrants	97	95%	-43%	95.7%	20	21.2%	-48.7%	99.8%
1260   Express Certificates	4	-95%	-97%	4.3%	0.0	-84%	-96%	0.2%
2210   Mini-Futures	0		-100%	0.0%	0.0		-100%	0.0%
<b>Total</b>	<b>101</b>	<b>-23.5%</b>	<b>-69.1%</b>	<b>100%</b>	<b>20</b>	<b>19.4%</b>	<b>-50.1%</b>	<b>100%</b>

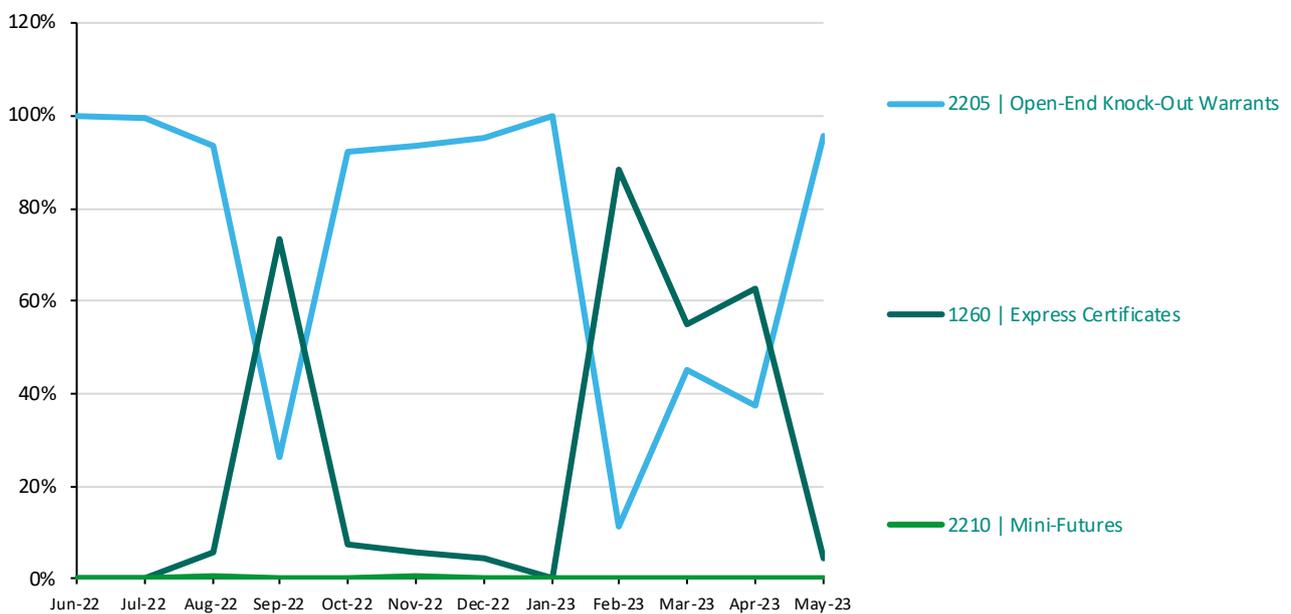
(Source Euronext)



# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 3)

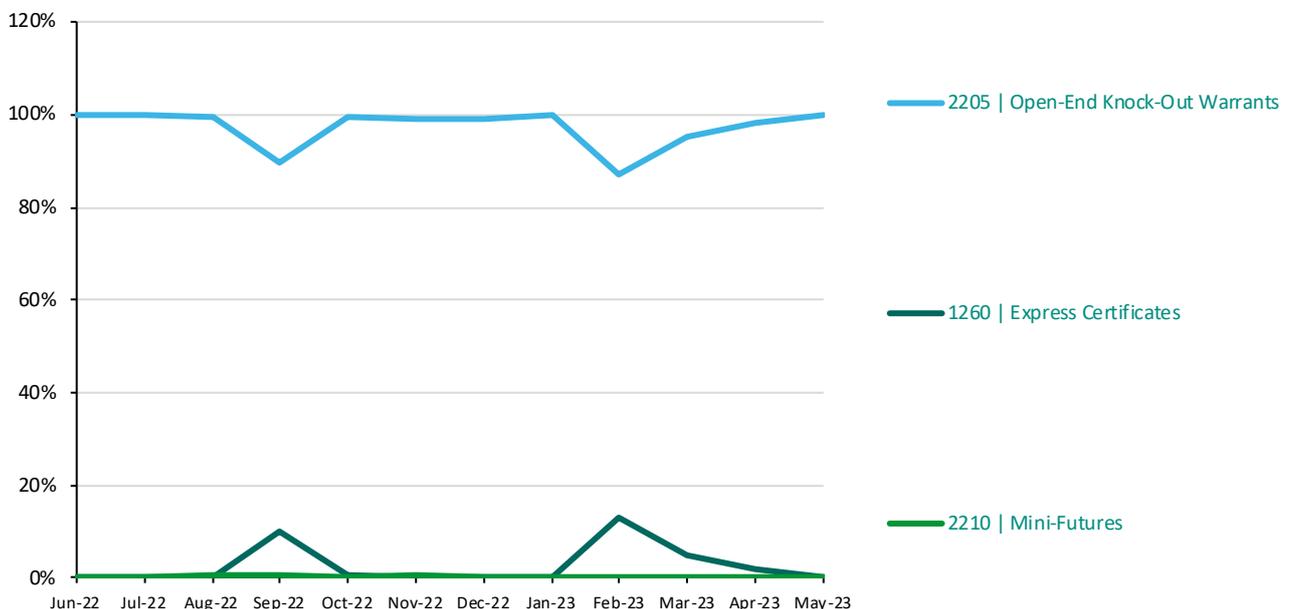
## Market Trend: Value traded

The historical graph below displays the weight of the value traded for each product type over the total value traded on Euroclear Belgium instruments traded on Euronext's pan-European MTF.



## Market Trend: Number of trades

The historical graph below displays the weight of the number of trades of each product type over the total number of trades on Euroclear Belgium instruments traded on Euronext's pan-European MTF.



# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 3)

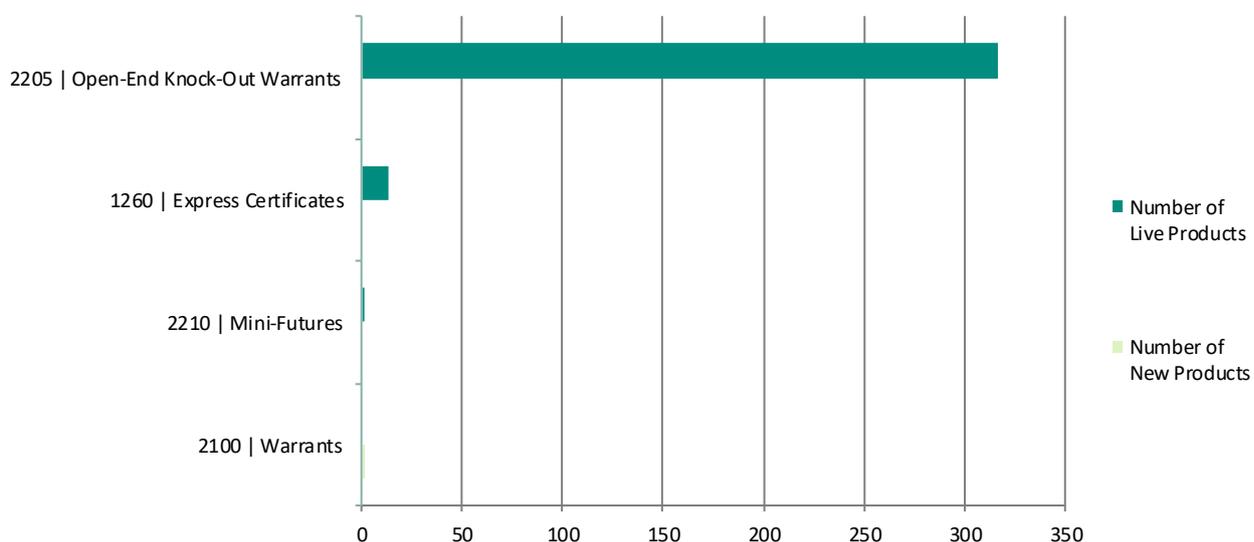
## Product Overview

The table below displays the daily average number of live products and the number of new products per product type (EUSIPA<sup>1</sup> categorization level 3) on Euroclear Belgium instruments traded on Euronext's pan-European MTF, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each product type over the total.

The chart at the bottom of the page represents the number of live products and number of new products for each

Product Types (EUSIPA Categorization Level 3)	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
2205   Open-End Knock-Out Warrants	316	-4.5%	-18.5%	95.7%	0		-100%	0.0%
1260   Express Certificates	13	-26%	-29%	4.0%	0		-100%	0.0%
2210   Mini-Futures	1	0.0%	-62%	0.3%	0			0.0%
2100   Warrants	0	-100%	-100%	0.0%	1	-50%	-14.3%	100.0%
<b>Total</b>	<b>331</b>	<b>-5.6%</b>	<b>-19.3%</b>	<b>100%</b>	<b>1</b>	<b>-50.0%</b>	<b>-99.2%</b>	<b>100%</b>

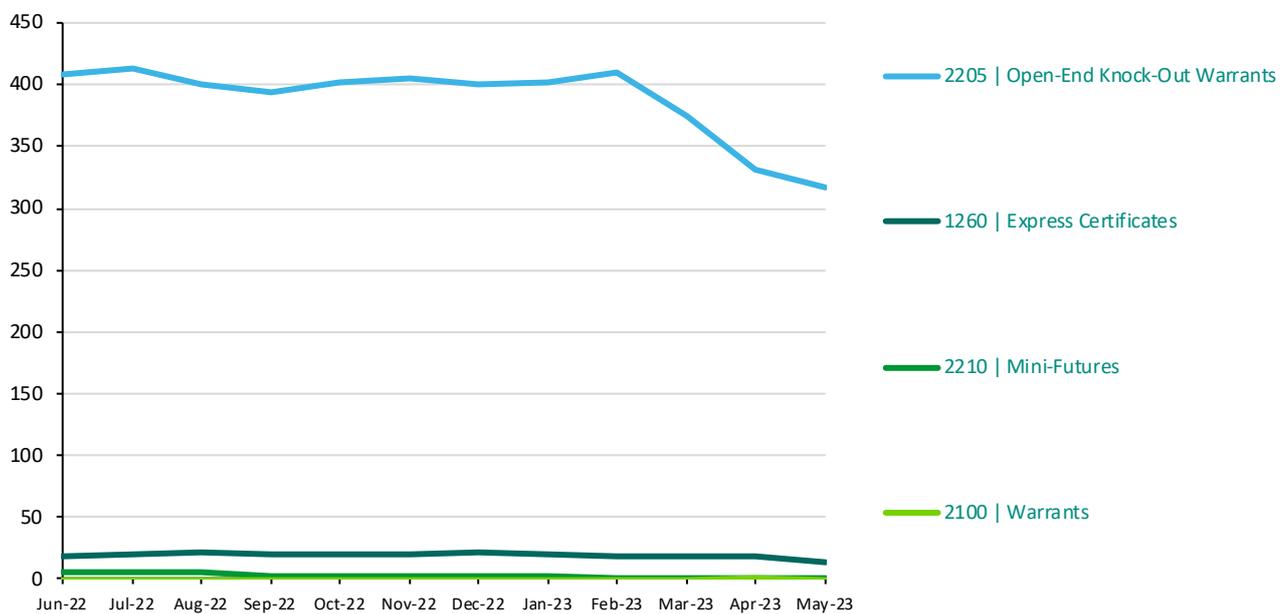
(Source Euronext)



# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 3)

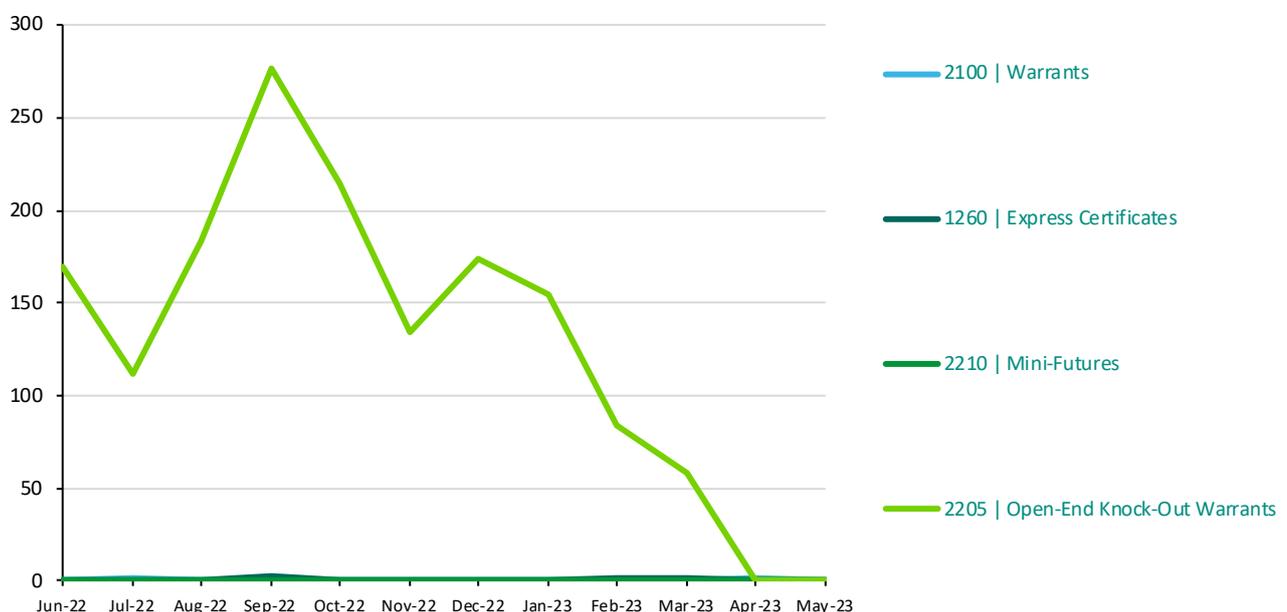
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each product type on Euroclear Belgium instruments traded on Euronext's pan-European MTF.



## Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each product type on Euroclear Belgium instruments traded on Euronext's pan-European MTF.



# PRODUCT STRATEGIES

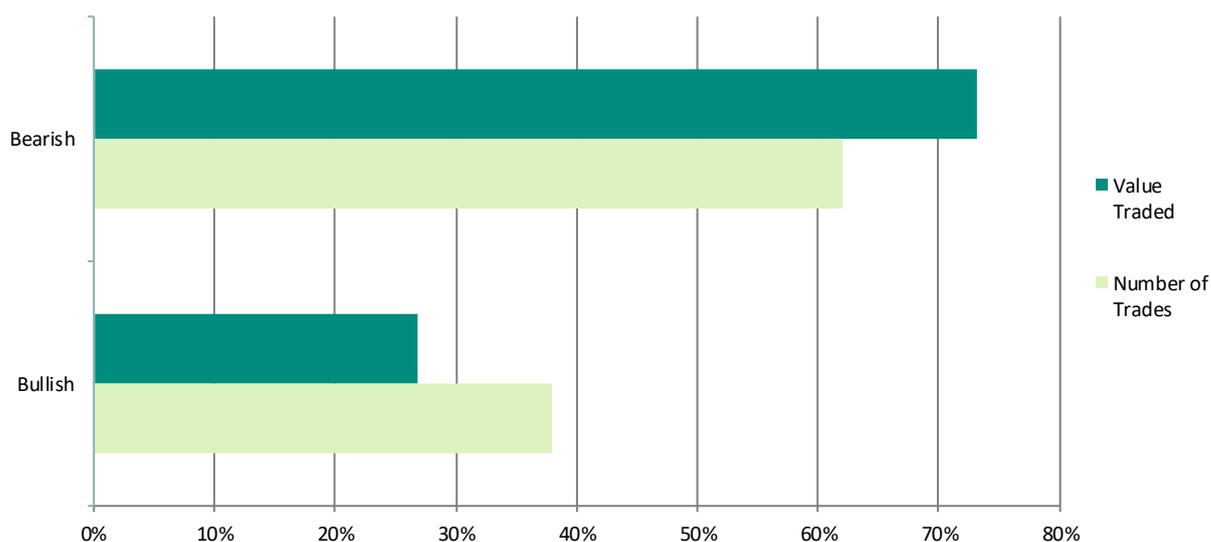
## Market Overview

The table below displays the daily averages of value traded and number of trades per product strategy on Euroclear Belgium instruments traded on Euronext's pan-European MTF, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each product strategy over the total.

The chart at the bottom of the page represents the weight of each product strategy in terms of value traded and number of trades.

Product Strategies	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
Bearish	74	206%	-22%	73.1%	12	19.2%	-31.0%	62.0%
Bullish	27	-75%	-88%	26.9%	7.5	19.8%	-66%	38.0%
Total	101	-23.5%	-69.1%	100%	20	19.4%	-50.1%	100%

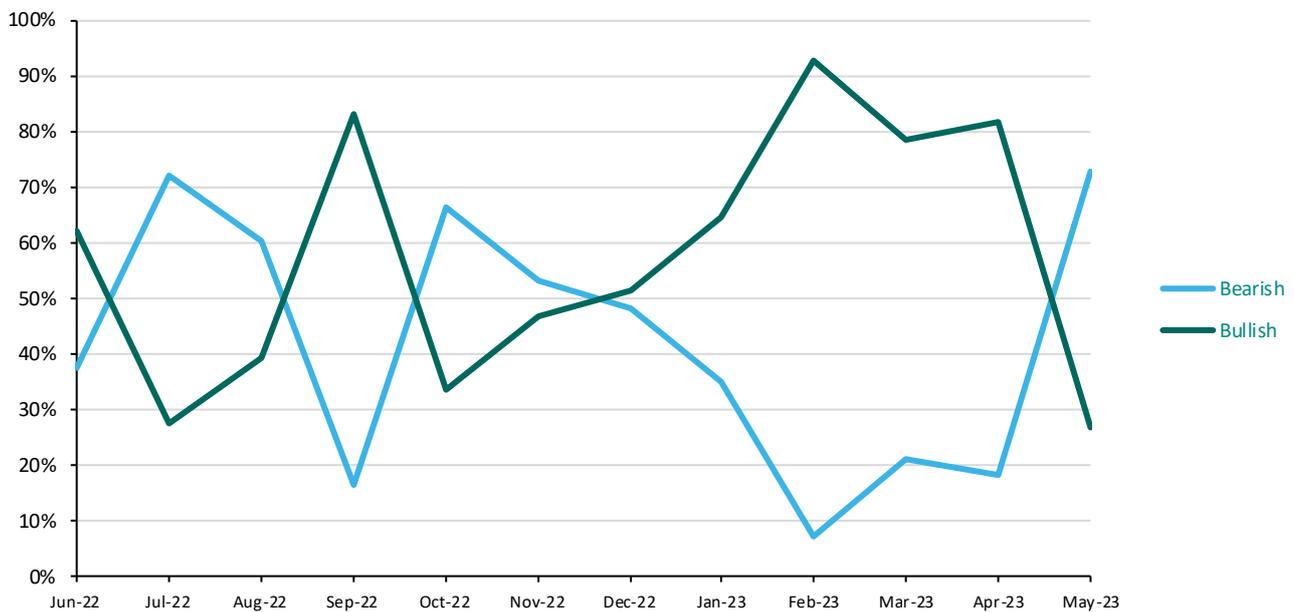
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# PRODUCT STRATEGIES

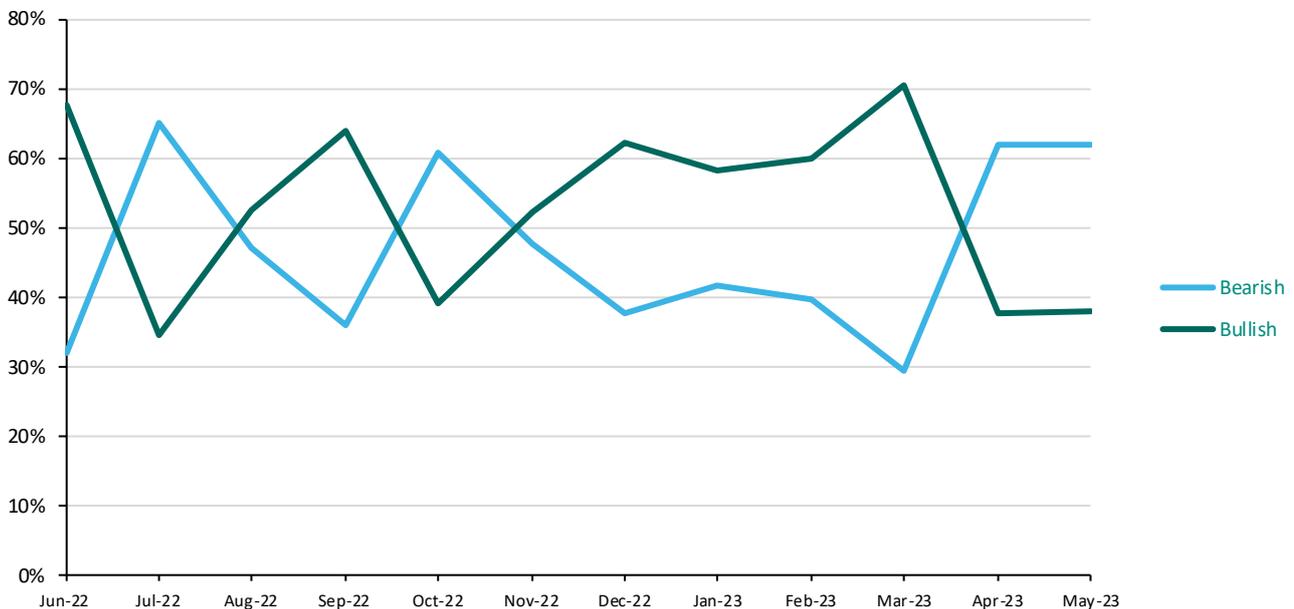
## Market Trend: Value traded

The historical graph below displays the weight of the value traded for each product type over the total value traded on Euroclear Belgium instruments traded on Euronext's pan-European MTF.



## Market Trend: Number of trades

The historical graph below displays the weight of the number of trades of each product type over the total number of trades on Euroclear Belgium instruments traded on Euronext's pan-European MTF.



# PRODUCT STRATEGIES

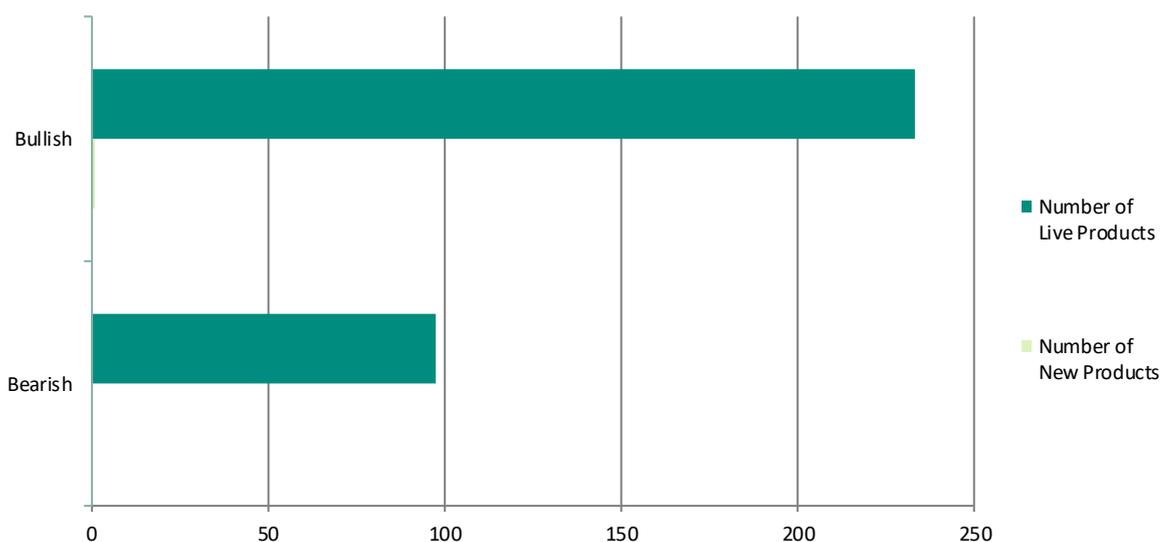
## Product Overview

The table below displays the daily average number of live products and the number of new products per product strategy on Euroclear Belgium instruments traded on Euronext's pan-European MTF, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each product strategy over the total.

The chart at the bottom of the page represents the number of live products and number of new products for each product strategy.

Strategies	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Bullish	233	-2.3%	-2.3%	70.5%	1	-50%	-99%	100.0%
Bearish	98	-12.6%	-43%	29.5%	0		-100%	0.0%
Total	331	-5.6%	-19.3%	100%	1	-50.0%	-99.2%	100%

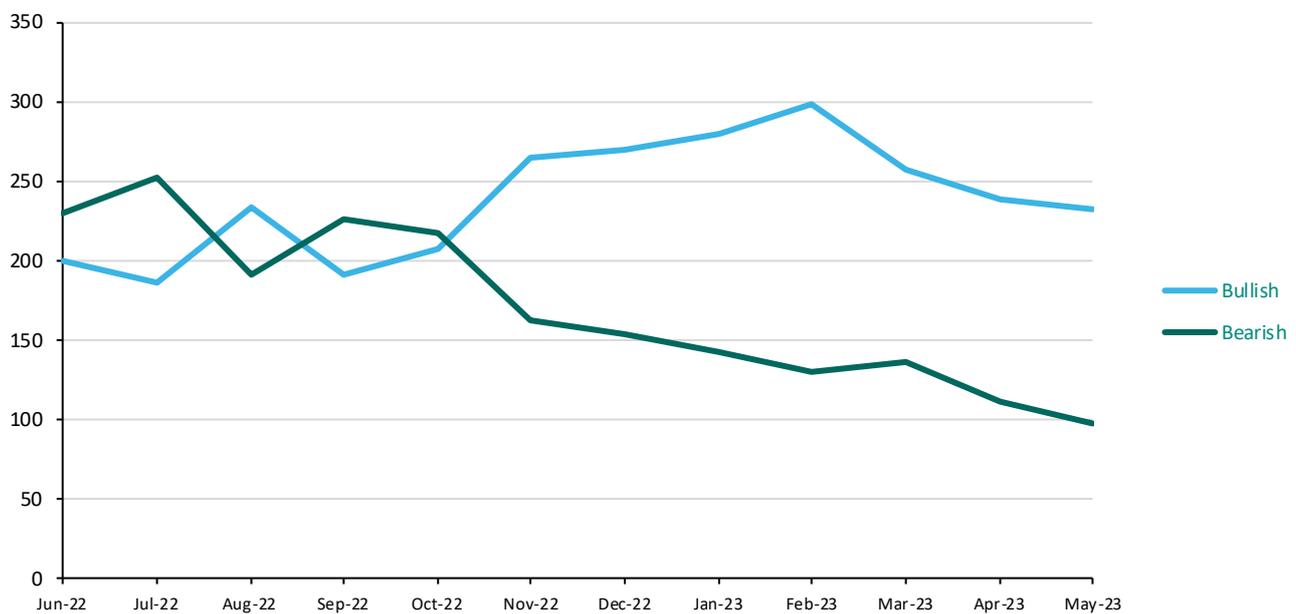
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# PRODUCT STRATEGIES

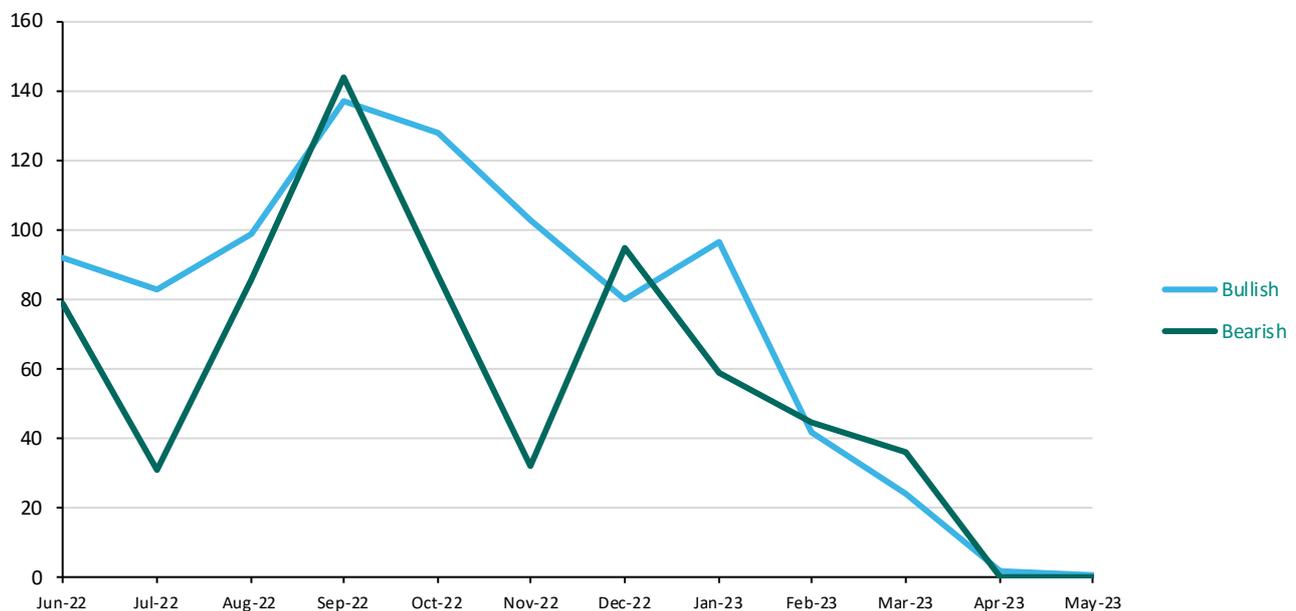
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each product type on Euroclear Belgium instruments traded on Euronext's pan-European MTF.



## Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each product type on Euroclear Belgium instruments traded on Euronext's pan-European MTF.



# UNDERLYING TYPES

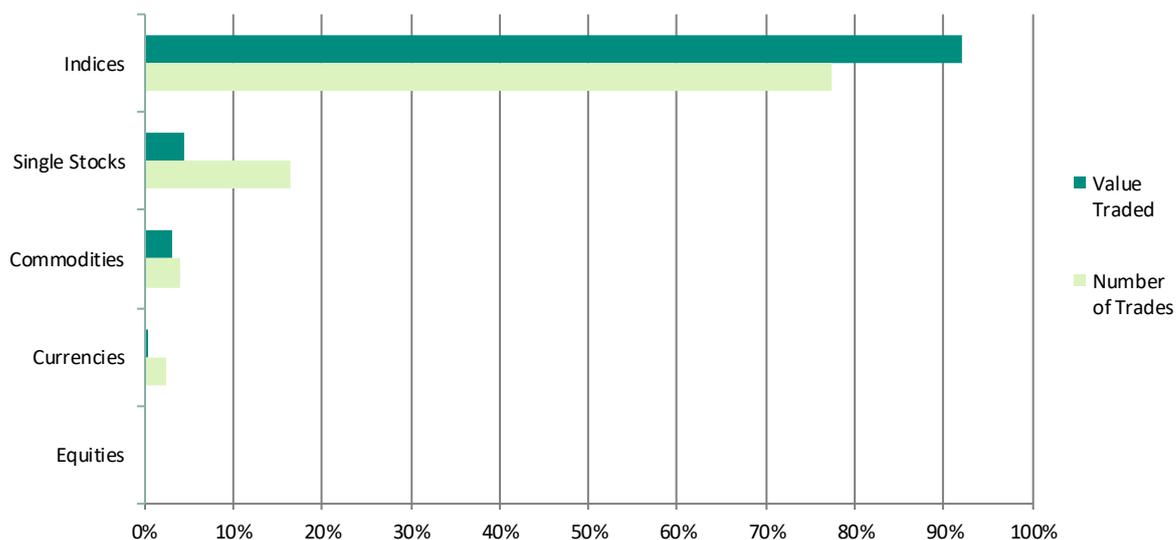
## Market Overview

The table below displays the daily averages of value traded and number of trades per underlying type on Euroclear Belgium instruments traded on Euronext's pan-European MTF, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each underlying type over the total.

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

Underlying Types	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
Indices	93	19.7%	-67%	92.2%	15	36.0%	-46.6%	77.3%
Single Stocks	5	-67%	-45%	4.5%	3.2	7.6%	-22.6%	16.4%
Commodities	3	61%	-90%	3.0%	0.8	-55.1%	-87.3%	3.9%
Currencies	0	105%	-66%	0.3%	0.5	-9.1%	-31.7%	2.3%
Equities	0	-100%	-100%	0.0%	0.0	-100.0%	-100.0%	0.0%
<b>Total</b>	<b>101</b>	<b>-23.5%</b>	<b>-69.1%</b>	<b>100%</b>	<b>20</b>	<b>19.4%</b>	<b>-50.1%</b>	<b>100%</b>

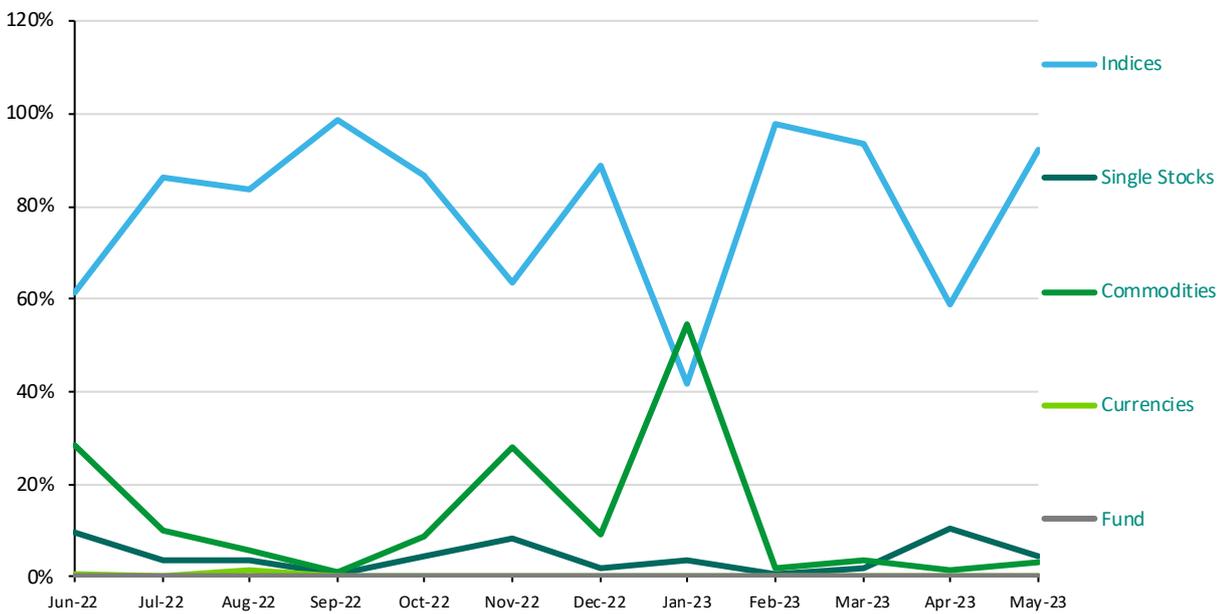
(Source Euronext)



# UNDERLYING TYPES

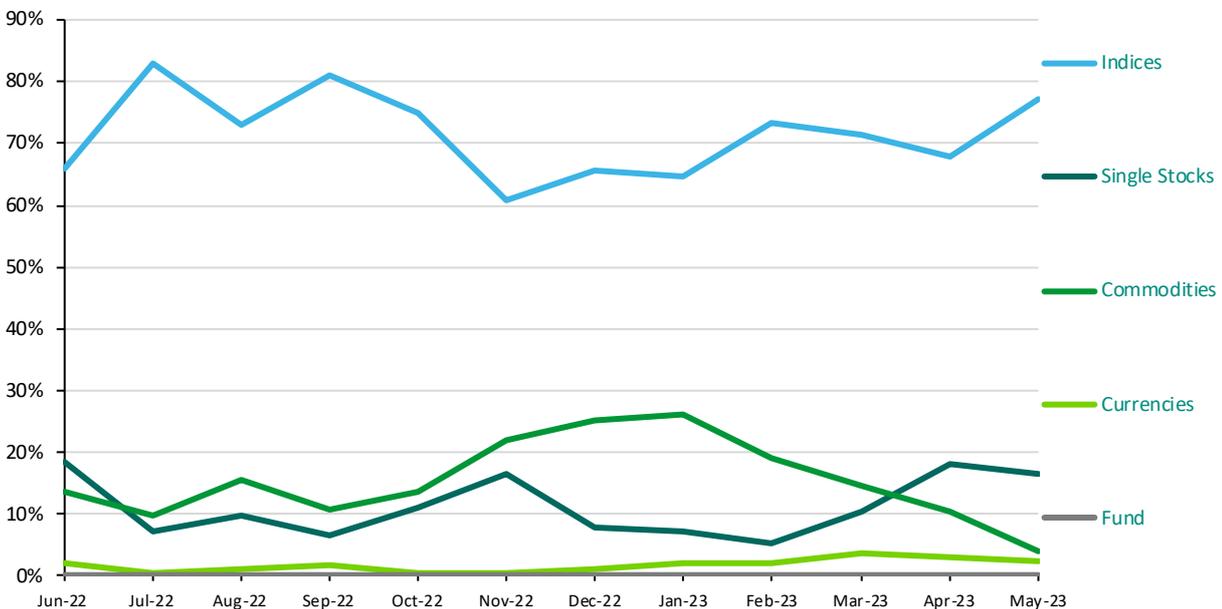
## Market Trend: Value traded

The historical graph below displays the weight of the value traded for each underlying type over the total value traded on Euroclear Belgium instruments traded on Euronext’s pan-European MTF.



## Market Trend: Number of trades

The historical graph below displays the weight of the number of trades of each underlying type over the total number of trades on Euroclear Belgium instruments traded on Euronext’s pan-European MTF.



## UNDERLYING TYPES

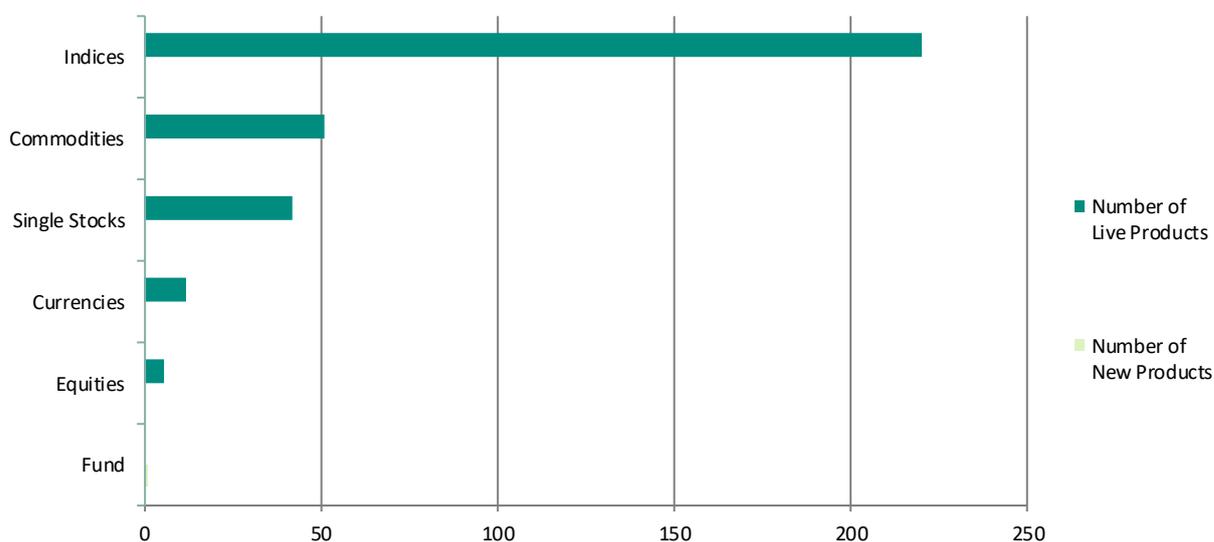
### Product Overview

The table below displays the daily average number of live products and the number of new products per underlying type on Euroclear Belgium instruments traded on Euronext's pan-European MTF, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each underlying type over the total.

The chart at the bottom of the page represents the number of live products and number of new products for each underlying type.

Underlying Types	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Indices	220	-5.9%	-15.8%	66.5%	0		-100%	0.0%
Commodities	51	-7.5%	-30%	15.5%	0		-100%	0.0%
Single Stocks	42	-0.5%	-16.5%	12.6%	0		-100%	0.0%
Currencies	12	-3.1%	-35%	3.6%	0		-100%	0.0%
Equities	6	-13.4%	-14.2%	1.7%	0			0.0%
Fund	0	-100%	-100%	0.0%	1	-50%	-14.3%	100.0%
<b>Total</b>	<b>331</b>	<b>-5.6%</b>	<b>-19.3%</b>	<b>100%</b>	<b>1</b>	<b>-50.0%</b>	<b>-99.2%</b>	<b>100%</b>

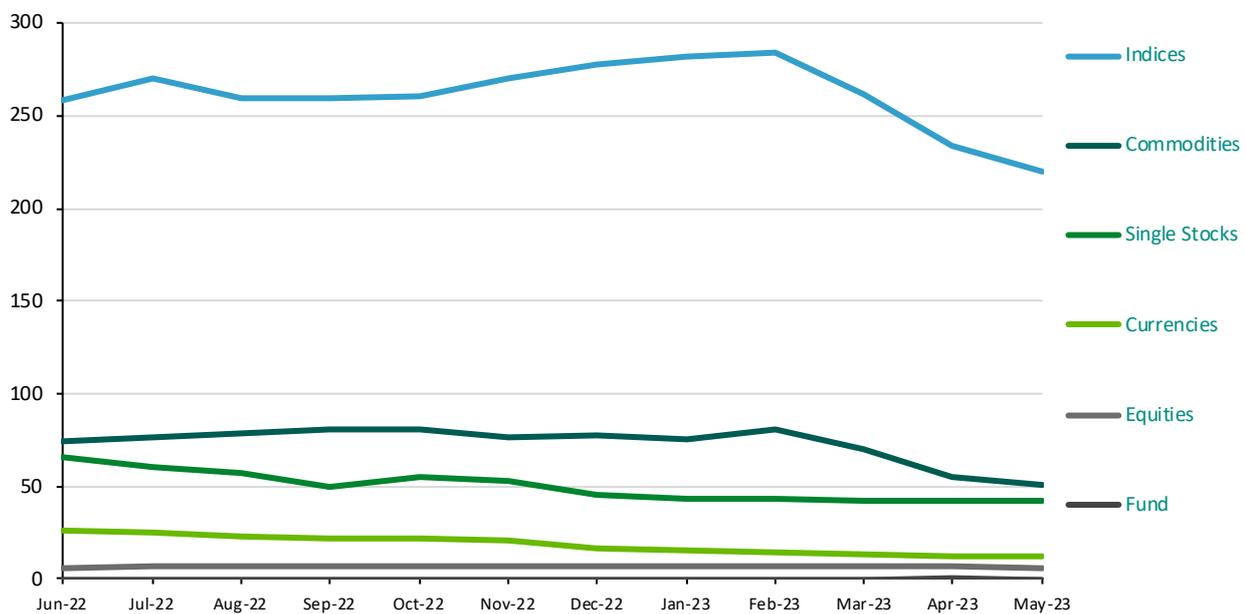
(Source Euronext)



# UNDERLYING TYPES

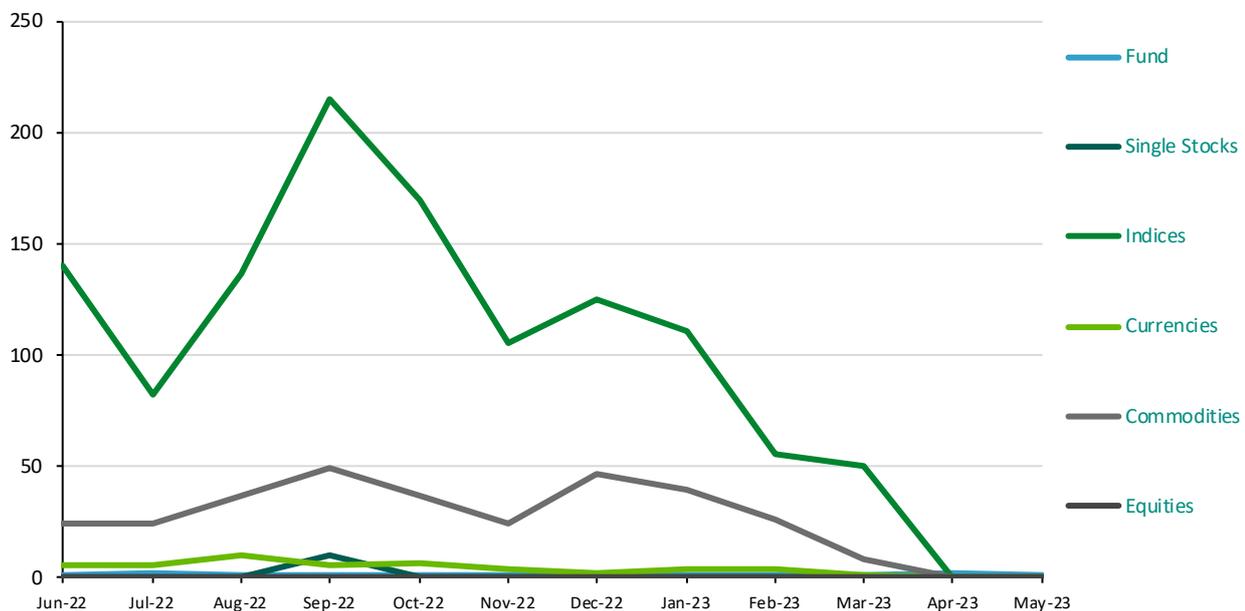
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each underlying type on Euroclear Belgium instruments traded on Euronext's pan-European MTF.



## Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each underlying type on Euroclear Belgium instruments traded on Euronext's pan-European MTF.



# TOP 10 UNDERLYING COUNTRIES

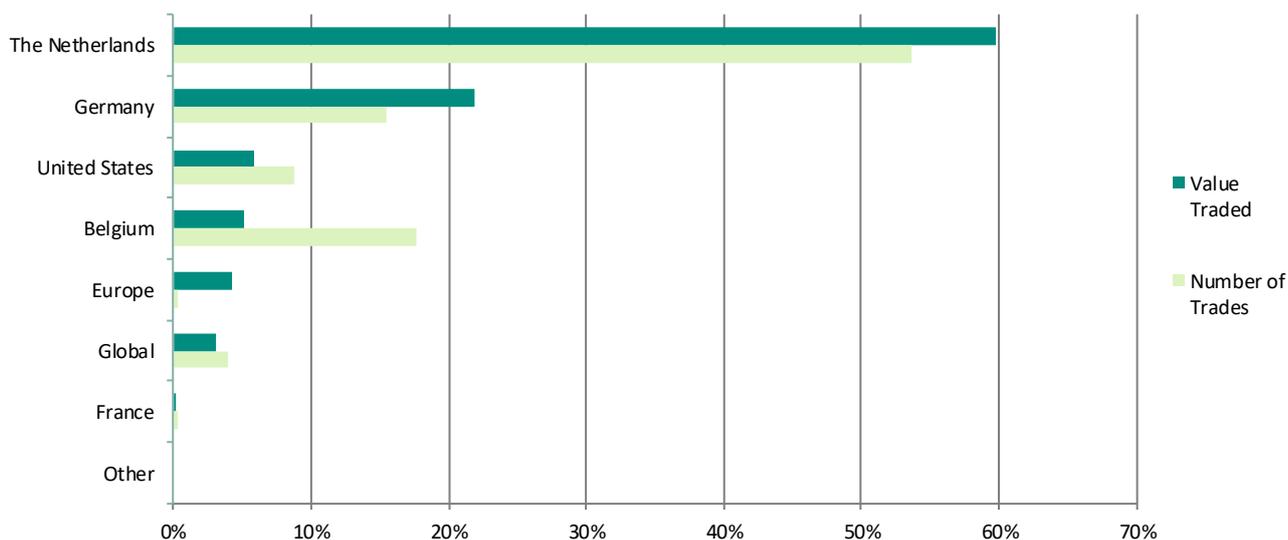
## Market Overview

The table below displays the daily averages of value traded and number of trades per country of origin of the underlying on Euroclear Belgium instruments traded on Euronext's pan-European MTF, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each underlying country of origin over the total.

The chart at the bottom of the page represents the weight of each underlying country of origin in terms of value traded

Underlying Countries	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
The Netherlands	61	134%	-19.0%	59.7%	11	53.1%	-36.7%	53.7%
Germany	22	210%	-36%	21.9%	3.0	9.6%	-45%	15.5%
United States	6	NA	-89%	5.8%	1.7	24%	-69%	8.8%
Belgium	5	-63%	-44%	5.2%	3.5	3.6%	-22%	17.6%
Europe	4	-95%	-96%	4.3%	0.0	-84%	-95%	0.2%
Global	3	61%	-91%	3.0%	0.8	-55%	-87%	3.9%
France	0	-18.5%	-74%	0.0%	0.0	-18.2%	-72%	0.2%
Other	0		-100%	0.0%	0.0	-100%	-100%	0.0%
Total	101	-23.5%	-69.1%	100%	20	19.4%	-50.1%	100%

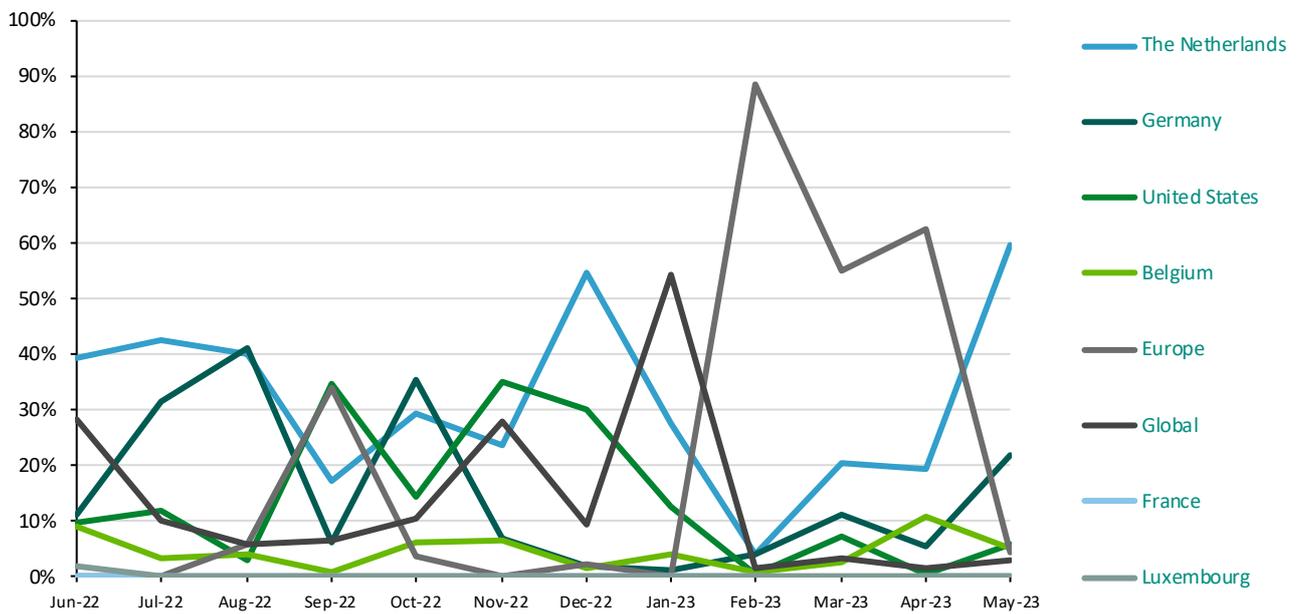
(Source Euronext)



# TOP 10 UNDERLYING COUNTRIES

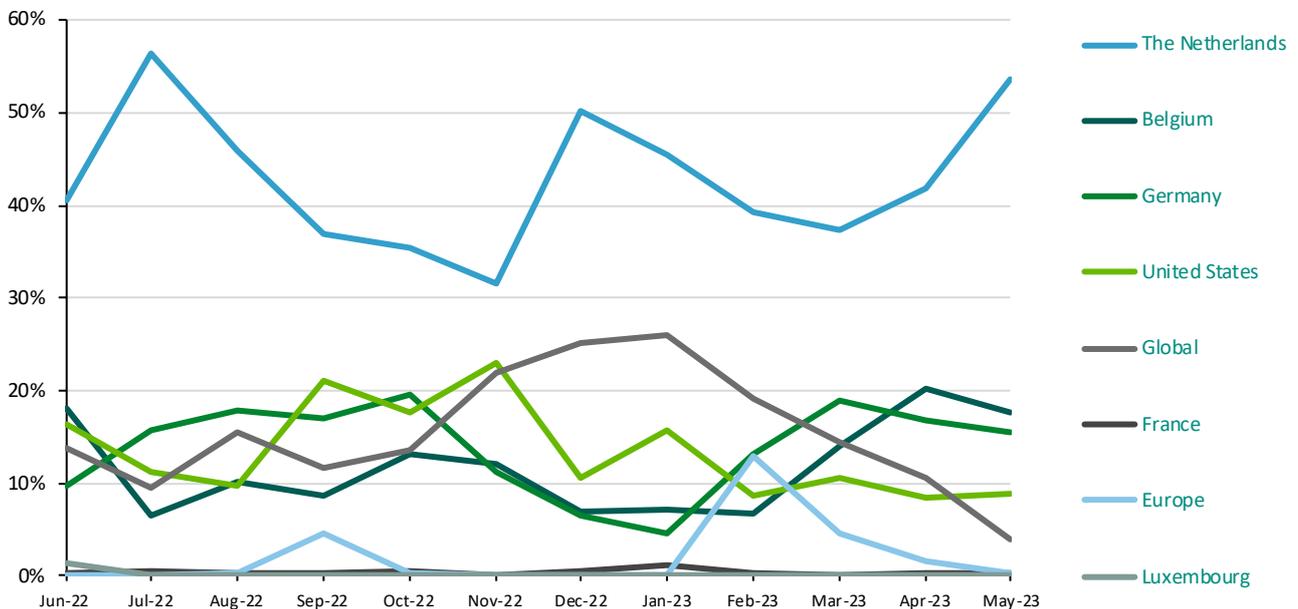
## Market Trend: Value traded

The historical graph below displays the weight of the value traded for each underlying country of origin over the total value traded on Euroclear Belgium instruments traded on Euronext's pan-European MTF.



## Market Trend: Number of trades

The historical graph below displays the weight of the number of trades of each underlying country of origin over the total number of trades on Euroclear Belgium instruments traded on Euronext's pan-European MTF.



# TOP 10 UNDERLYING COUNTRIES

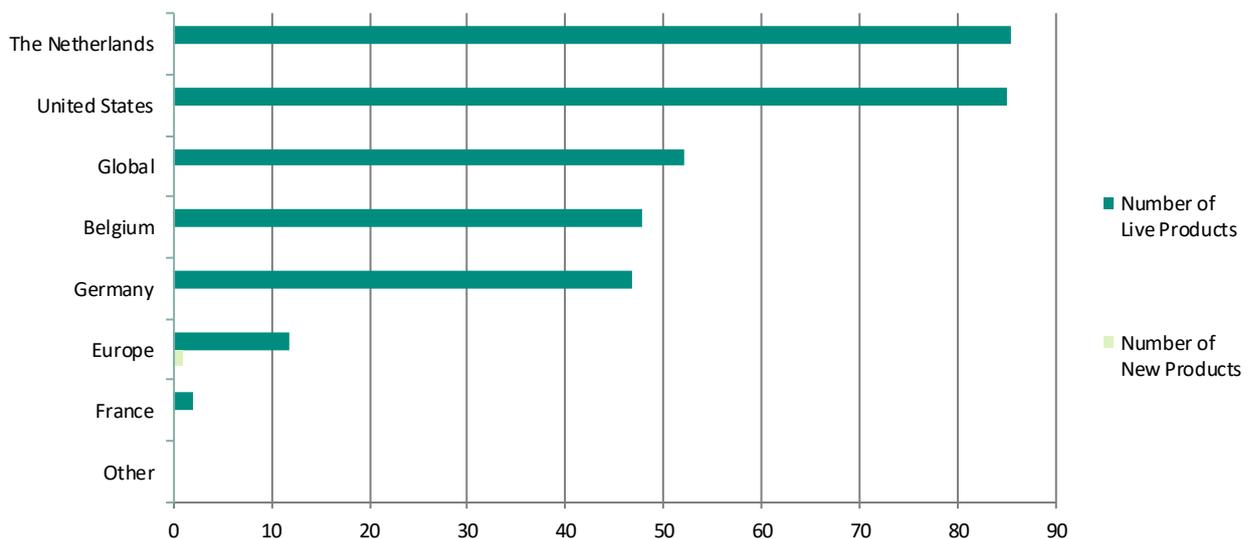
## Product Overview

The table below displays the daily average number of live products and the number of new products per country of origin of the underlying on Euroclear Belgium instruments traded on Euronext’s pan-European MTF, as well as the variation over the previous month, over the last 12 months’ monthly average and the weight of each underlying country of origin over the total.

The chart at the bottom of the page represents the number of live products and number of new products for each top

Underlying Countries	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
The Netherlands	85	-2.6%	-14.2%	25.8%	0		-100%	0.0%
United States	85	-6.3%	-27%	25.7%	0		-100%	0.0%
Global	52	-7.6%	-30%	15.7%	0		-100%	0.0%
Belgium	48	-0.5%	-7.6%	14.4%	0		-100%	0.0%
Germany	47	-5.5%	-2.7%	14.2%	0		-100%	0.0%
Europe	12	-27%	-30%	3.5%	1	-50%	-33%	100.0%
France	2	0.0%	-21%	0.6%	0			0.0%
Other	0		-100%	0.0%	0			0.0%
<b>Total</b>	<b>331</b>	<b>-5.6%</b>	<b>-19.3%</b>	<b>100%</b>	<b>1</b>	<b>-50.0%</b>	<b>-99.2%</b>	<b>100%</b>

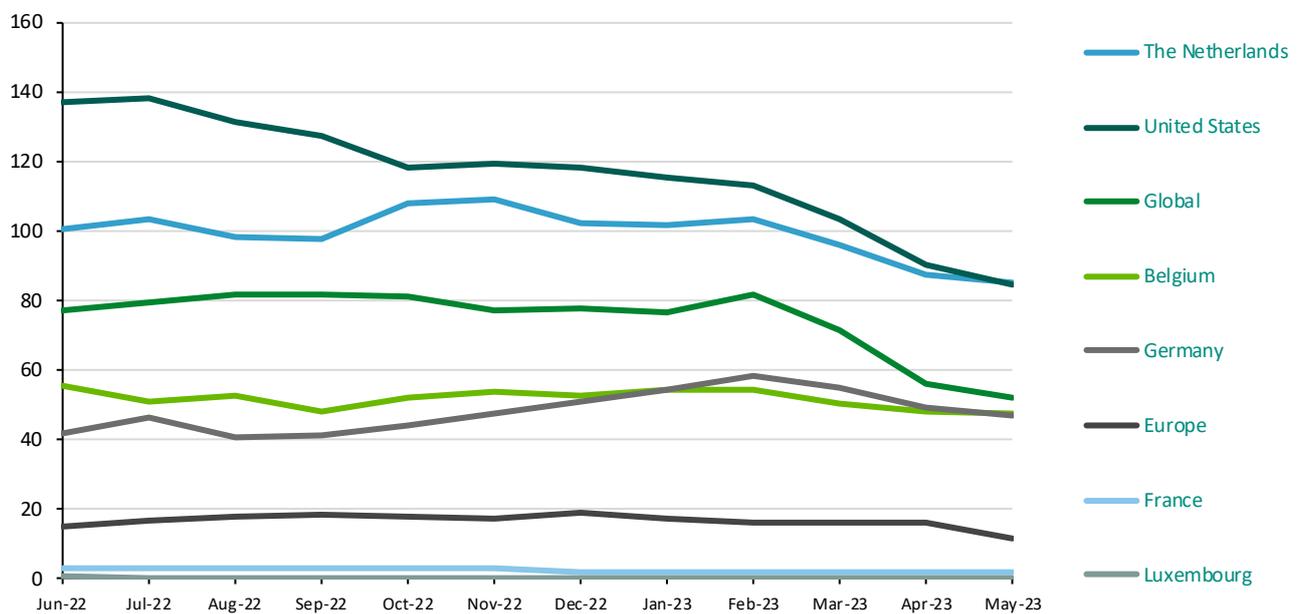
(Source Euronext)



# TOP 10 UNDERLYING COUNTRIES

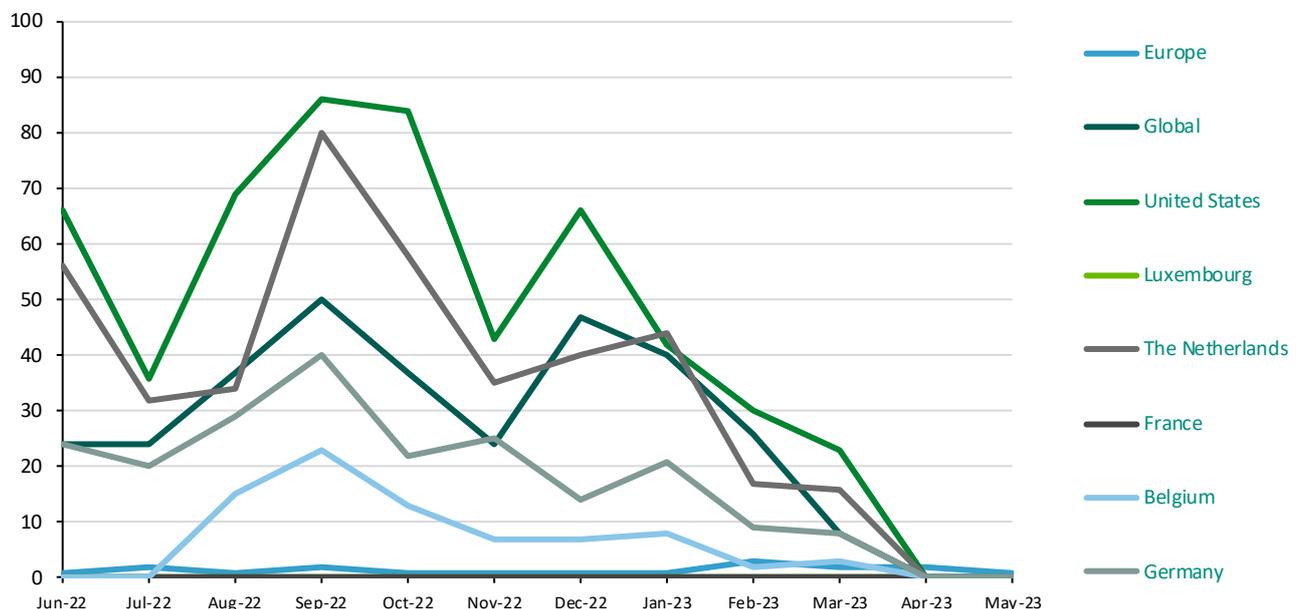
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each underlying country of origin on Euroclear Belgium instruments traded on Euronext's pan-European MTF.



## Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each underlying country of origin on Euroclear Belgium instruments traded on Euronext's pan-European MTF.



# TOP 10 UNDERLYINGS

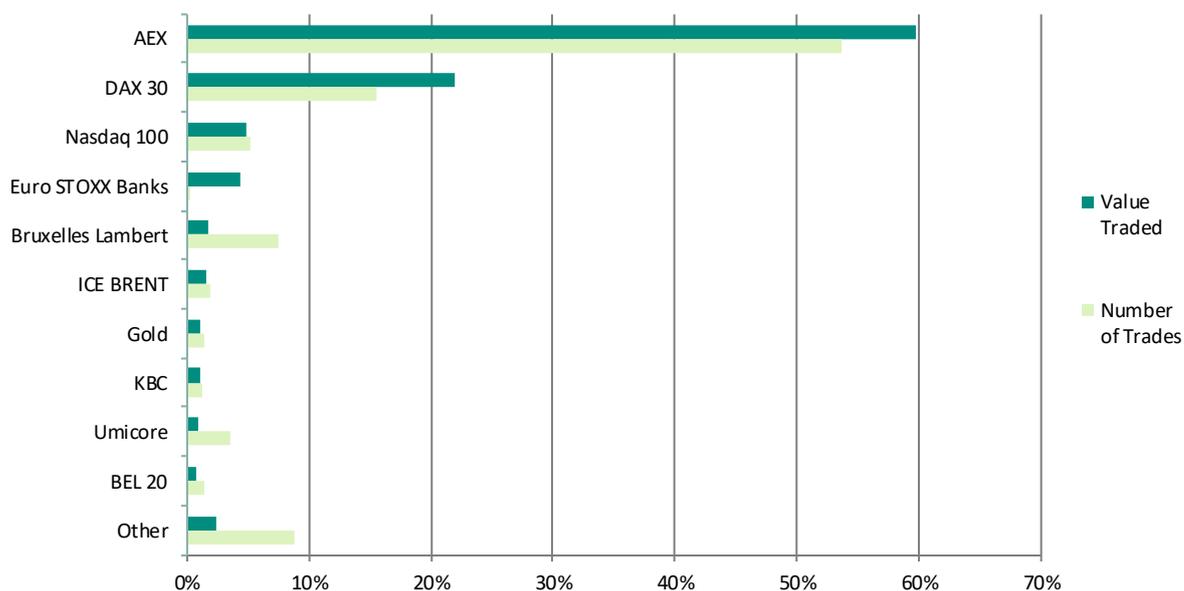
## Market Overview

The table below displays the daily averages of value traded and number of trades for the top 10 underlyings on Euroclear Belgium instruments traded on Euronext's pan-European MTF, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each of the top 10 underlyings over the total.

The chart at the bottom of the page represents the weight of each of the top 10 underlyings in terms of value traded and number of trades.

Underlyings	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
AEX	61	134%	-18.2%	59.7%	11	53.1%	-35.0%	53.7%
DAX 30	22	210%	-36%	21.9%	3.0	9.6%	-45%	15.5%
Nasdaq 100	5	NA	-16.5%	4.8%	1.0	350%	-49%	5.1%
Euro STOXX Banks	4	-90%	-95%	4.3%	0.0	-80%	-93%	0.2%
Bruxelles Lambert	2	368%	78%	1.7%	1.5	424%	110%	7.4%
ICE BRENT	2	NA	-4.4%	1.5%	0.4	227%	-62%	1.9%
Gold	1	-34%	-96%	1.0%	0.3	-80%	-93%	1.4%
KBC	1	-74%	-27%	1.0%	0.2	2.3%	-38%	1.2%
Umicore	1	-48%	12.7%	0.9%	0.7	-39%	58%	3.5%
BEL 20	1	94%	-67%	0.7%	0.3	-30%	-70%	1.4%
Other	2		-97%	2.4%	1.7	-39%	-77%	8.8%
<b>Total</b>	<b>101</b>	<b>-23.5%</b>	<b>-69.1%</b>	<b>100%</b>	<b>20</b>	<b>19.4%</b>	<b>-50.1%</b>	<b>100%</b>

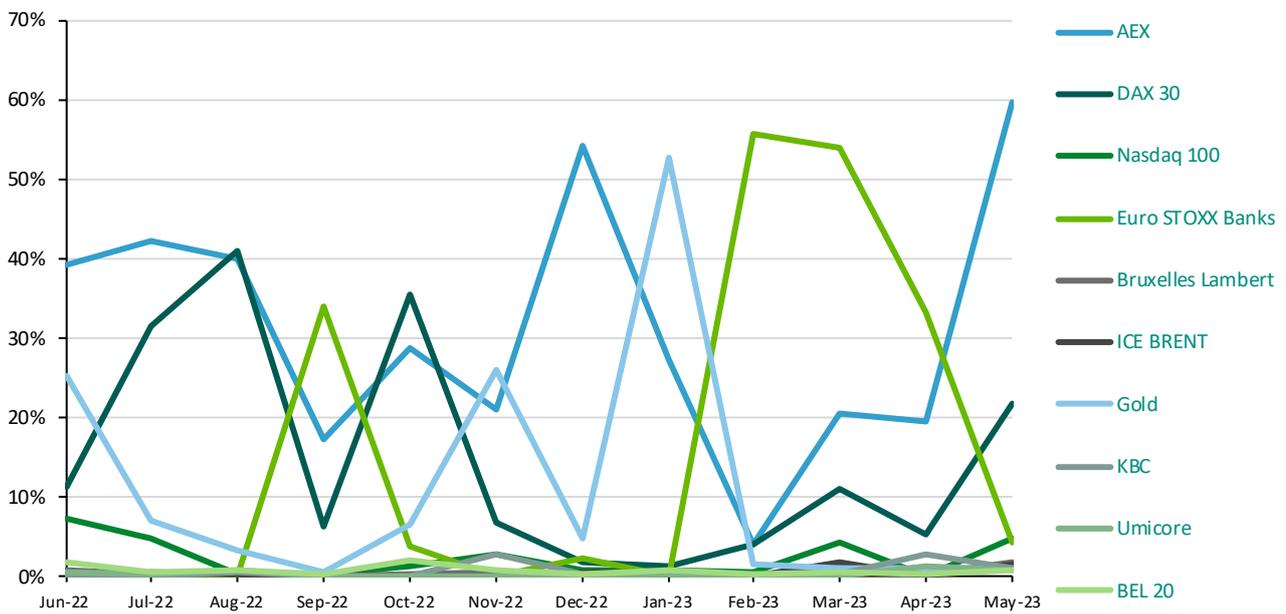
(Source Euronext)



# TOP 10 UNDERLYINGS

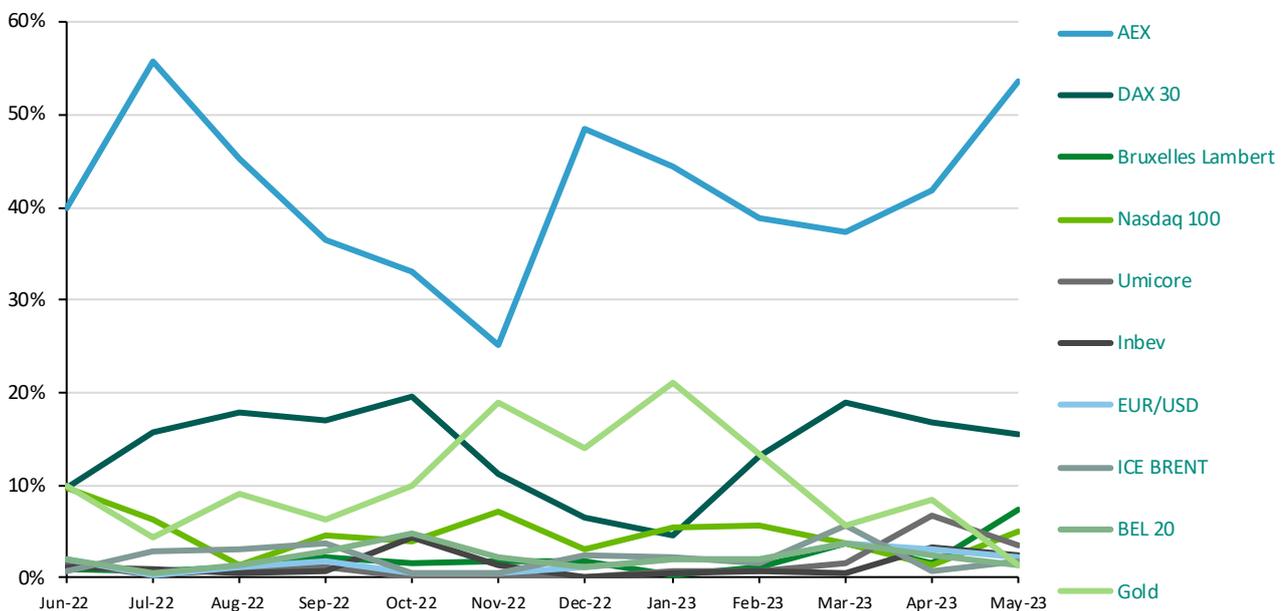
## Market Trend: Value traded

The historical graph below displays the weight of the value traded for each top 10 underlying over the total value traded on Euroclear Belgium instruments traded on Euronext's pan-European MTF.



## Market Trend: Number of trades

The historical graph below displays the weight of the number of trades of each top 10 underlying over the total number of trades on Euroclear Belgium instruments traded on Euronext's pan-European MTF.



# TOP 10 UNDERLYINGS

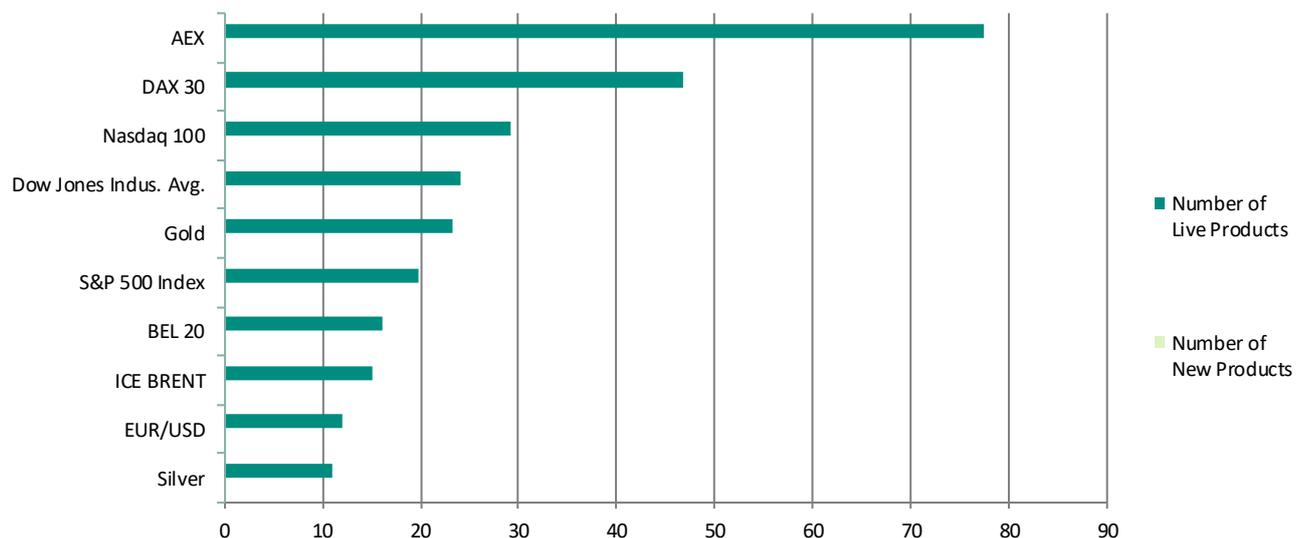
## Product Overview

The table below displays the daily average number of live products and the number of new products for the top 10 underlyings on Euroclear Belgium instruments traded on Euronext's pan-European MTF, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each of the top 10 underlyings over the total.

The chart at the bottom of the page represents the number of live products and number of new products for each top

Underlyings	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
AEX	77	-2.8%	-11.4%	23.4%	0		-100%	0.0%
DAX 30	47	-5.5%	-2.7%	14.2%	0		-100%	0.0%
Nasdaq 100	29	-8.7%	-34%	8.8%	0		-100%	0.0%
Dow Jones Indus. Avg.	24	-5.1%	-13.8%	7.3%	0		-100%	0.0%
Gold	23	-11.2%	-29%	7.0%	0		-100%	0.0%
S&P 500 Index	20	-5.8%	-24%	6.0%	0		-100%	0.0%
BEL 20	16	0.0%	-2.7%	4.8%	0		-100%	0.0%
ICE BRENT	15	0.0%	-13.4%	4.5%	0		-100%	0.0%
EUR/USD	12	-3.1%	-35%	3.6%	0		-100%	0.0%
Silver	11	-7.5%	-46%	3.3%	0		-100%	0.0%
Other	56	-8.3%	-20%	17.0%	1			100.0%
<b>Total</b>	<b>331</b>	<b>-5.6%</b>	<b>-19.3%</b>	<b>100%</b>	<b>1</b>	<b>-50.0%</b>	<b>-99.2%</b>	<b>100%</b>

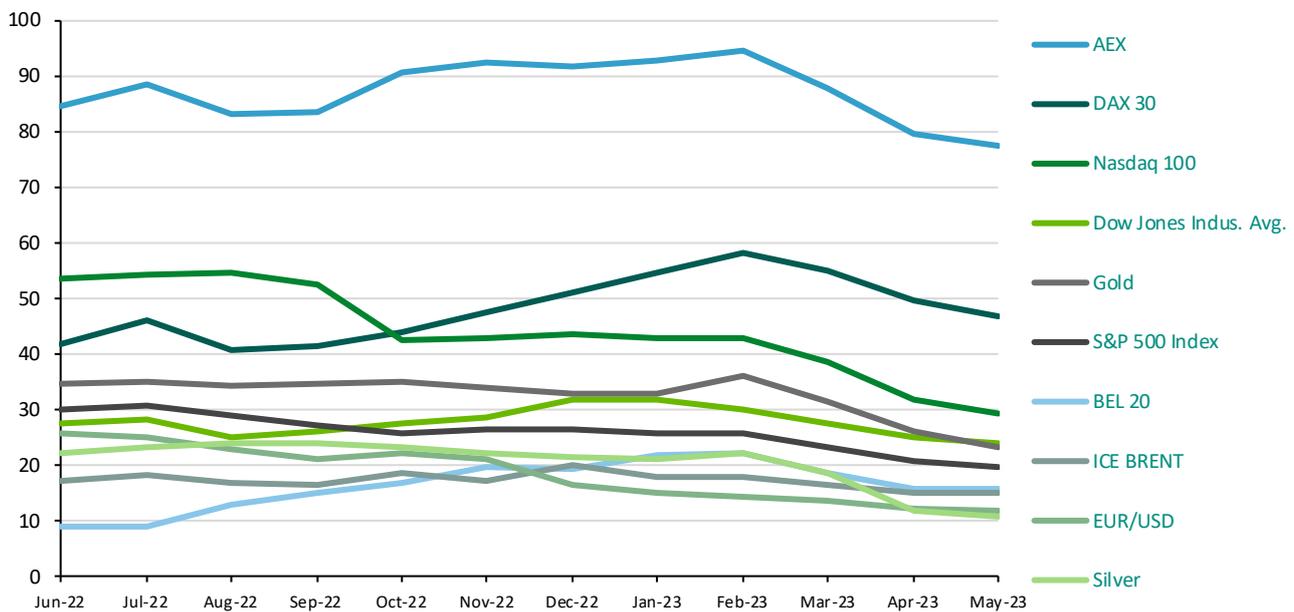
(Source Euronext)



# TOP 10 UNDERLYINGS

## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each top 10 underlying on Euroclear Belgium instruments traded on Euronext's pan-European MTF.



## Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each top 10 underlying on Euroclear Belgium instruments traded on Euronext's pan-European MTF.



# TOP 50 TRADED PRODUCTS

## Top 50 traded products

The table below displays the 50 most traded products (in terms of value traded) on Euroclear Belgium instruments traded on Euronext's pan-European MTF.

ISIN Code	Issuer	Product Type	Underlying	Value Traded (in €k)	Nb of Trades
DE000SF52LQ0	Société Générale	2205   Open-End Knock-Out Warrants	AEX	565	59
DE000SV1WDQ4	Société Générale	2205   Open-End Knock-Out Warrants	DAX 30	253	13
DE000SQ7Z4M3	Société Générale	2205   Open-End Knock-Out Warrants	AEX	209	10
DE000SQ6ZCW3	Société Générale	2205   Open-End Knock-Out Warrants	AEX	189	10
DE000SQ38RK6	Société Générale	2205   Open-End Knock-Out Warrants	DAX 30	121	26
LU2587742565	KBC	1260   Express Certificates	Euro STOXX Banks	96	1
DE000SQ7Z4Q4	Société Générale	2205   Open-End Knock-Out Warrants	DAX 30	89	8
DE000SV1MCQ7	Société Générale	2205   Open-End Knock-Out Warrants	AEX	74	37
DE000SH1XFX1	Société Générale	2205   Open-End Knock-Out Warrants	Nasdaq 100	61	9
DE000SQ7WYZ5	Société Générale	2205   Open-End Knock-Out Warrants	AEX	54	2
DE000SQ6ZCV5	Société Générale	2205   Open-End Knock-Out Warrants	AEX	32	25
DE000SR8UUU5	Société Générale	2205   Open-End Knock-Out Warrants	Bruxelles Lambert	32	28
DE000SF5XUF0	Société Générale	2205   Open-End Knock-Out Warrants	AEX	31	11
DE000SQ6ZCT9	Société Générale	2205   Open-End Knock-Out Warrants	AEX	29	1
DE000SH810U2	Société Générale	2205   Open-End Knock-Out Warrants	Nasdaq 100	25	9
DE000SQ38Q99	Société Générale	2205   Open-End Knock-Out Warrants	AEX	24	9
DE000SH1PXA8	Société Générale	2205   Open-End Knock-Out Warrants	ICE BRENT	21	4
DE000SQ7WYY8	Société Générale	2205   Open-End Knock-Out Warrants	AEX	20	17
DE000SQ66WE0	Société Générale	2205   Open-End Knock-Out Warrants	Nasdaq 100	20	3
DE000CL8PPG8	Société Générale	2205   Open-End Knock-Out Warrants	KBC	16	2
DE000SQ42ML7	Société Générale	2205   Open-End Knock-Out Warrants	AEX	16	1
DE000SQ38Q57	Société Générale	2205   Open-End Knock-Out Warrants	AEX	16	3
DE000CJ3LPX7	Société Générale	2205   Open-End Knock-Out Warrants	Umicore	14	6
DE000SH14VN2	Société Générale	2205   Open-End Knock-Out Warrants	ICE BRENT	13	3
DE000SQ8L5J1	Société Générale	2205   Open-End Knock-Out Warrants	Gold	13	4
DE000SQ3CAU7	Société Générale	2205   Open-End Knock-Out Warrants	AEX	11	2
DE000SF52LT4	Société Générale	2205   Open-End Knock-Out Warrants	AEX	11	2
DE000SV1SJ43	Société Générale	2205   Open-End Knock-Out Warrants	BEL 20	11	2
DE000SQ8L506	Société Générale	2205   Open-End Knock-Out Warrants	AEX	10	13
DE000SF3L0Q5	Société Générale	2205   Open-End Knock-Out Warrants	AEX	9	4
DE000CJ3LRA1	Société Générale	2205   Open-End Knock-Out Warrants	Gold	9	1
DE000SH1XFU7	Société Générale	2205   Open-End Knock-Out Warrants	Dow Jones Indus. Avg.	9	4
DE000SF6EVN0	Société Générale	2205   Open-End Knock-Out Warrants	AEX	9	5
DE000SQ47B79	Société Générale	2205   Open-End Knock-Out Warrants	DAX 30	8	3
DE000SN8BNP4	Société Générale	2205   Open-End Knock-Out Warrants	DAX 30	7	4
DE000CL3ZK36	Société Générale	2205   Open-End Knock-Out Warrants	Bruxelles Lambert	7	4
DE000SB0K2A8	Société Générale	2205   Open-End Knock-Out Warrants	Inbev	6	6
DE000SH36X69	Société Générale	2205   Open-End Knock-Out Warrants	Silver	6	2
DE000SQ3YAH8	Société Générale	2205   Open-End Knock-Out Warrants	AEX	6	8
DE000SQ3YAK2	Société Générale	2205   Open-End Knock-Out Warrants	AEX	6	2
DE000SQ3CA06	Société Générale	2205   Open-End Knock-Out Warrants	Dow Jones Indus. Avg.	6	2
DE000CL85VE7	Société Générale	2205   Open-End Knock-Out Warrants	Inbev	6	4
DE000SV1MCR5	Société Générale	2205   Open-End Knock-Out Warrants	AEX	5	6
DE000SQ42L98	Société Générale	2205   Open-End Knock-Out Warrants	EUR/USD	5	9
DE000SQ61G34	Société Générale	2205   Open-End Knock-Out Warrants	DAX 30	5	2
DE000CJ3LPG2	Société Générale	2205   Open-End Knock-Out Warrants	Umicore	5	9
DE000SD11QR8	Société Générale	2205   Open-End Knock-Out Warrants	Ackermans & van Haaren	5	4
DE000SN4QG34	Société Générale	2205   Open-End Knock-Out Warrants	Silver	5	1
DE000SN8BNK5	Société Générale	2205   Open-End Knock-Out Warrants	BEL 20	5	3
DE000SQ47B38	Société Générale	2205   Open-End Knock-Out Warrants	AEX	4	2

(Source Euronext)



Euroclear France Instruments

# ISSUERS

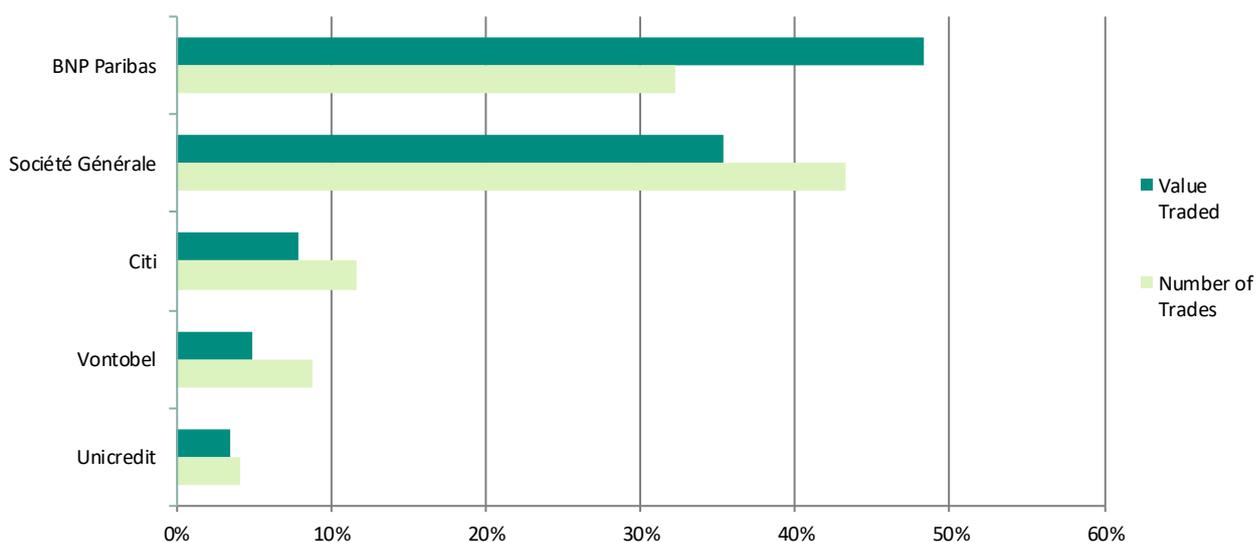
## Market Overview

The table below displays the daily averages of value traded and number of trades per issuer on Euroclear France instruments traded on Euronext's pan-European MTF, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each issuer over the total.

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

Issuers	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
BNP Paribas	6,513	-18.0%	19.5%	48.3%	1,186	3.9%	-6.9%	32.3%
Société Générale	4,774	-8.6%	-35%	35.4%	1,587	-0.9%	-22.1%	43.2%
Citi	1,070	-27%	-56%	7.9%	427	-8.2%	-42.4%	11.6%
Vontobel	657	-24%	-37%	4.9%	323	8.5%	-11.2%	8.8%
Unicredit	465	-36%	-28%	3.5%	150	-2.4%	-16.0%	4.1%
<b>Total</b>	<b>13,479</b>	<b>-16.9%</b>	<b>-20.0%</b>	<b>100%</b>	<b>3,672</b>	<b>0.3%</b>	<b>-20.1%</b>	<b>100%</b>

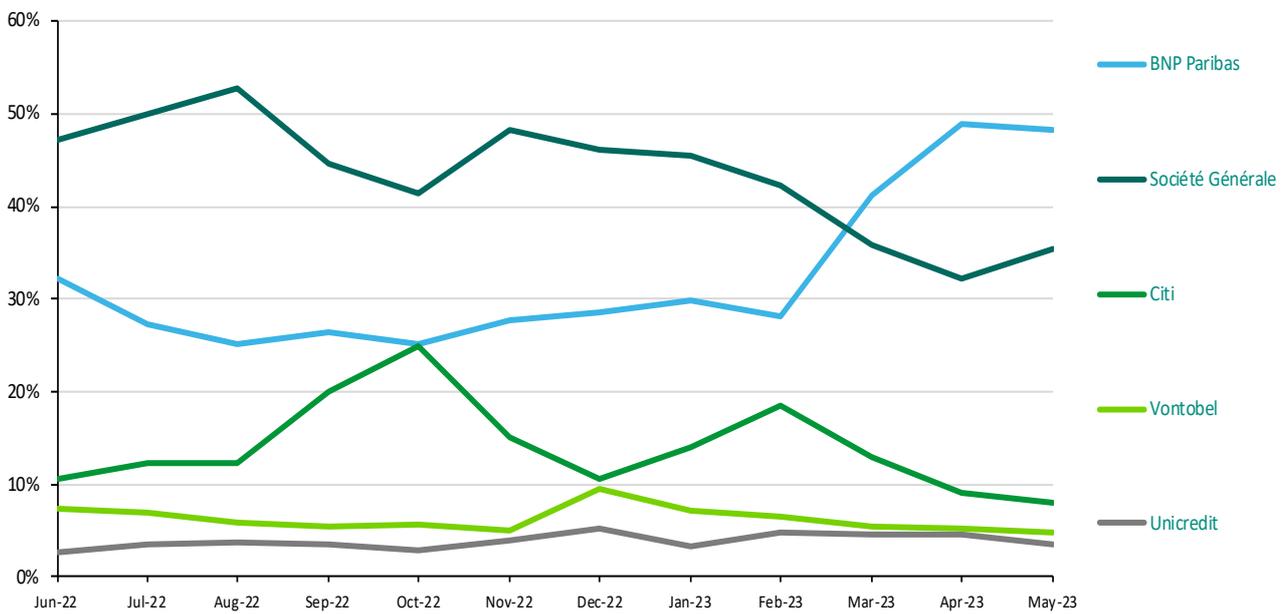
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# ISSUERS

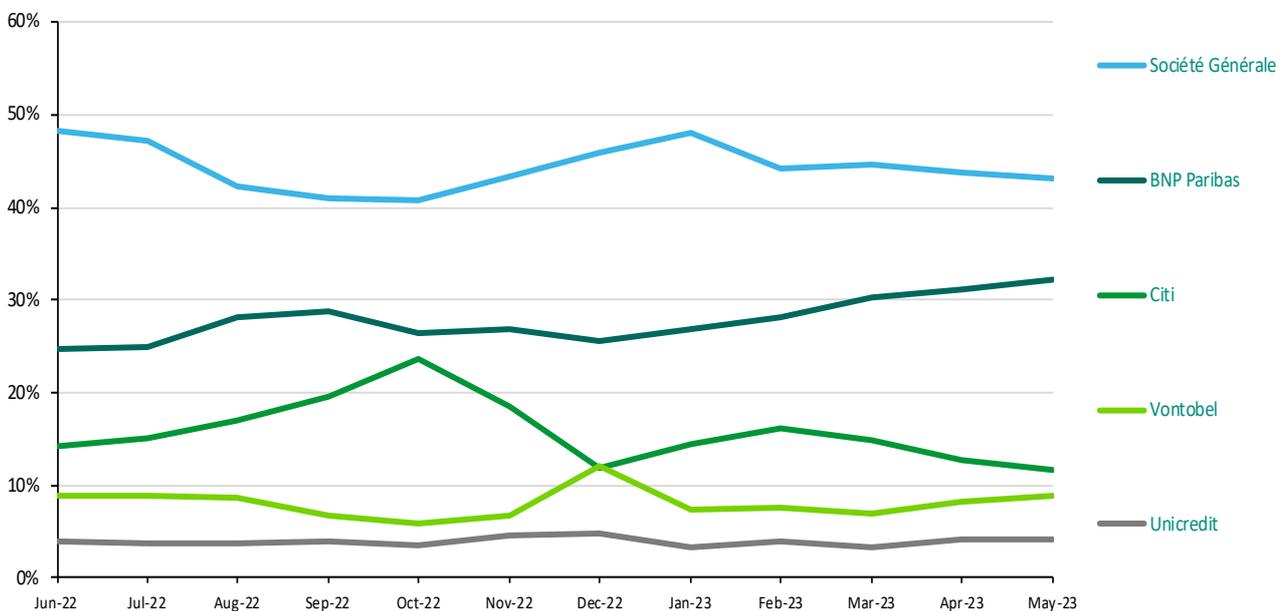
## Market Trend: Value traded

The historical graph below displays the weight of the value traded for each issuer over the total value traded on Euroclear France instruments traded on Euronext's pan-European MTF.



## Market Trend: Number of trades

The historical graph below displays the weight of the number of trades of each issuer over the total number of trades on Euroclear France instruments traded on Euronext's pan-European MTF.



# ISSUERS

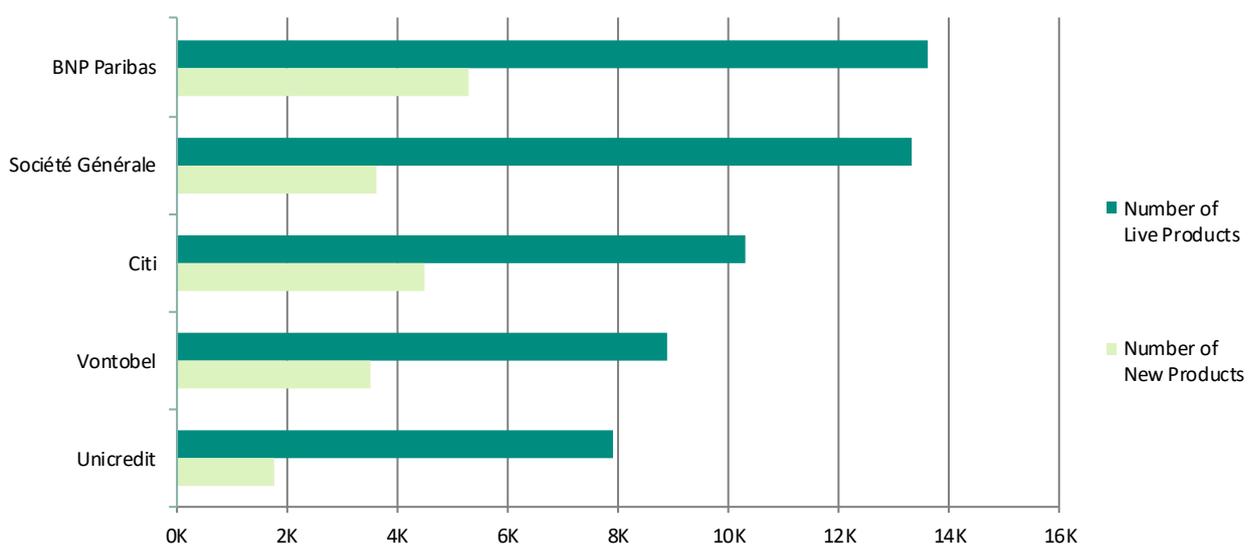
## Product Overview

The table below displays the daily average number of live products and the number of new products per issuer on Euroclear France instruments traded on Euronext's pan-European MTF, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each issuer over the total.

The chart at the bottom of the page represents the number of live products and number of new products for each issuer.

Issuers	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
BNP Paribas	13,633	-1.7%	3.6%	25.2%	5,312	66%	-22%	28.4%
Société Générale	13,345	3.0%	3.3%	24.7%	3,636	18.2%	-5.3%	19.4%
Citi	10,308	0.5%	-9.3%	19.0%	4,497	50%	-7.3%	24.0%
Vontobel	8,908	0.0%	2.4%	16.5%	3,524	-3.4%	-27%	18.8%
Unicredit	7,922	7.9%	-9.8%	14.6%	1,765	14.5%	-43%	9.4%
<b>Total</b>	<b>54,116</b>	<b>1.5%</b>	<b>-1.4%</b>	<b>100%</b>	<b>18,734</b>	<b>29.6%</b>	<b>-20.0%</b>	<b>100%</b>

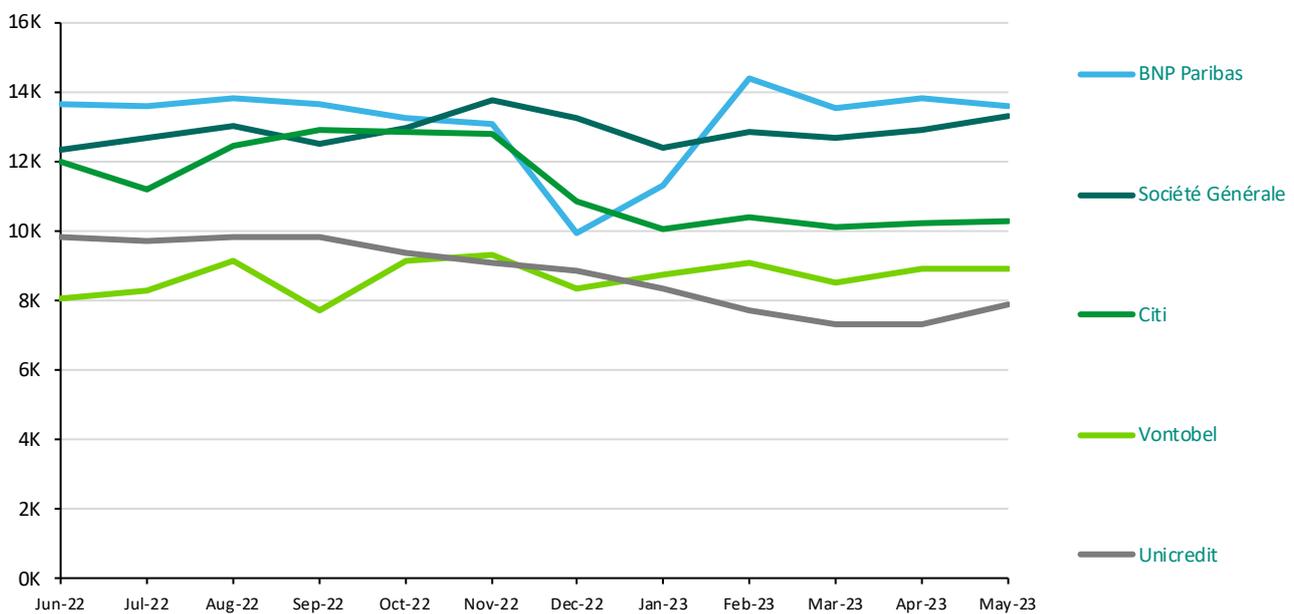
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# ISSUERS

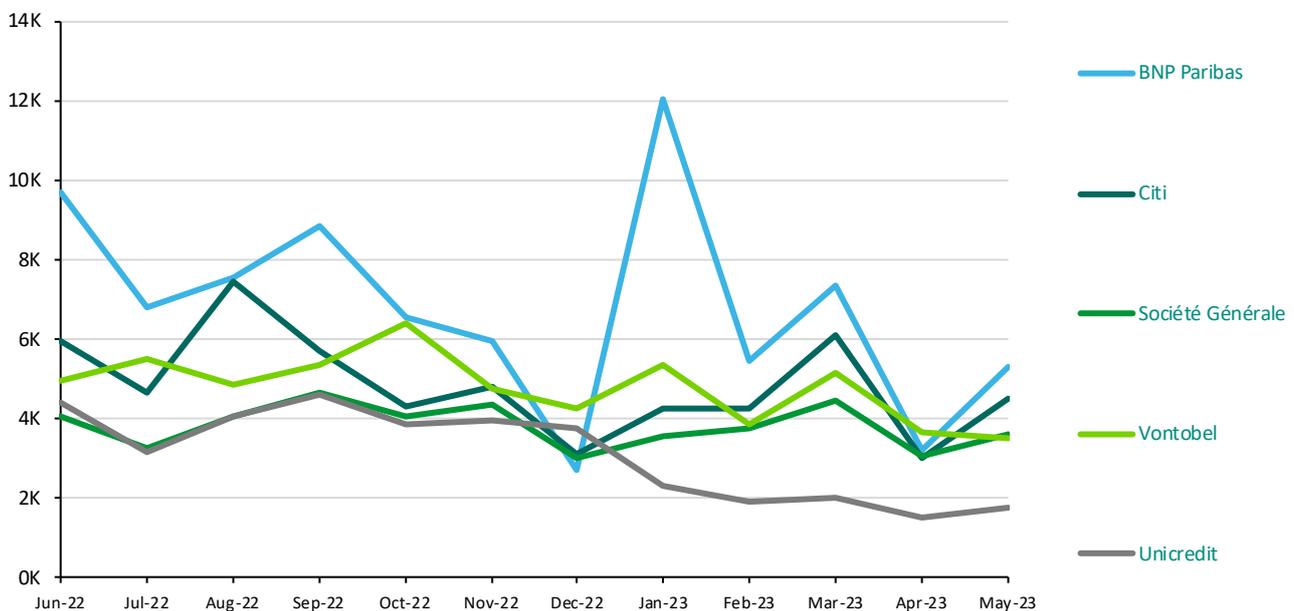
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each issuer on Euroclear France instruments traded on Euronext's pan-European MTF.



## Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each issuer on Euroclear France instruments traded on Euronext's pan-European MTF.



## PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 2)

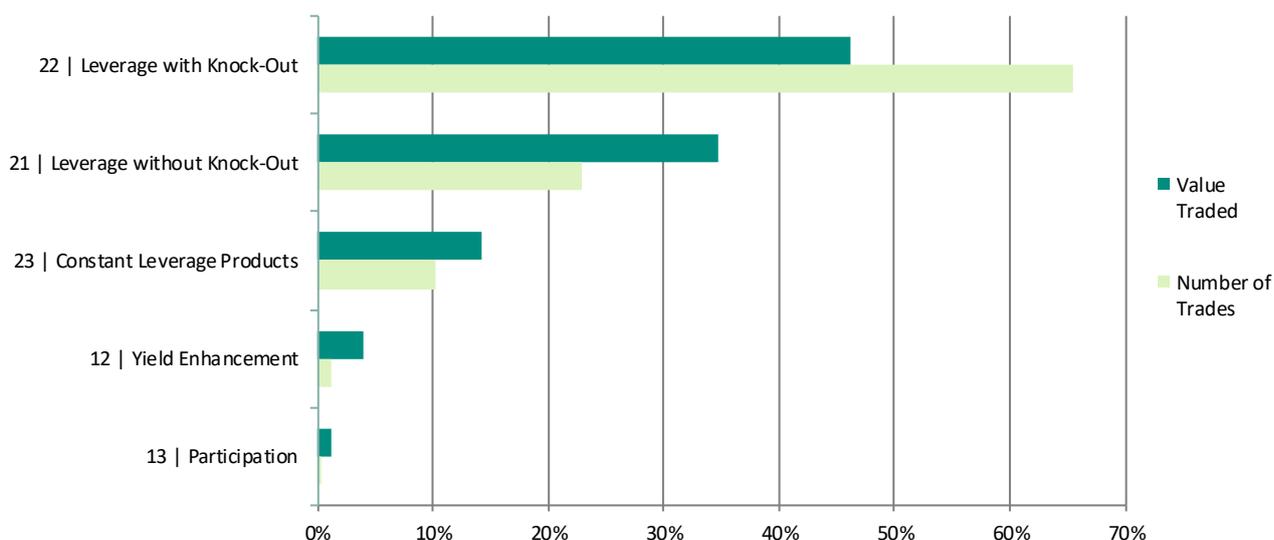
### Market Overview

The table below displays the daily averages of value traded and number of trades per product type (EUSIPA<sup>1</sup> categorization level 2) on Euroclear France instruments traded on Euronext's pan-European MTF, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each product type over the total.

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

Product Types (EUSIPA Categorization Level 2)	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
22   Leverage with Knock-Out	6,224	-7.7%	-34%	46.2%	2,403	1.4%	-22.3%	65.4%
21   Leverage without Knock-Out	4,669	-33%	0.8%	34.6%	841	-1.6%	-15.8%	22.9%
23   Constant Leverage Products	1,905	-0.2%	-7.4%	14.1%	372	-4.2%	-18.8%	10.1%
12   Yield Enhancement	533	21%	-7.9%	4.0%	46	23.7%	25.2%	1.2%
13   Participation	149	16.4%	16.6%	1.1%	11	-3.0%	11.7%	0.3%
<b>Total</b>	<b>13,479</b>	<b>-16.9%</b>	<b>-20.0%</b>	<b>100%</b>	<b>3,672</b>	<b>0.3%</b>	<b>-20.1%</b>	<b>100%</b>

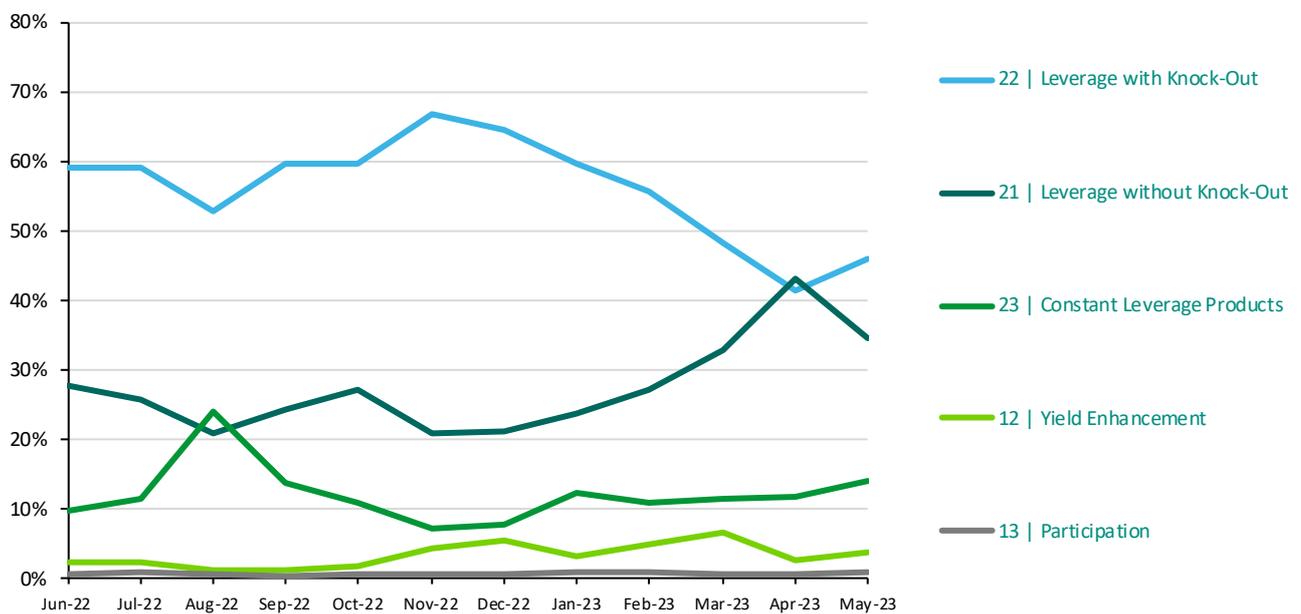
(Source Euronext)



# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 2)

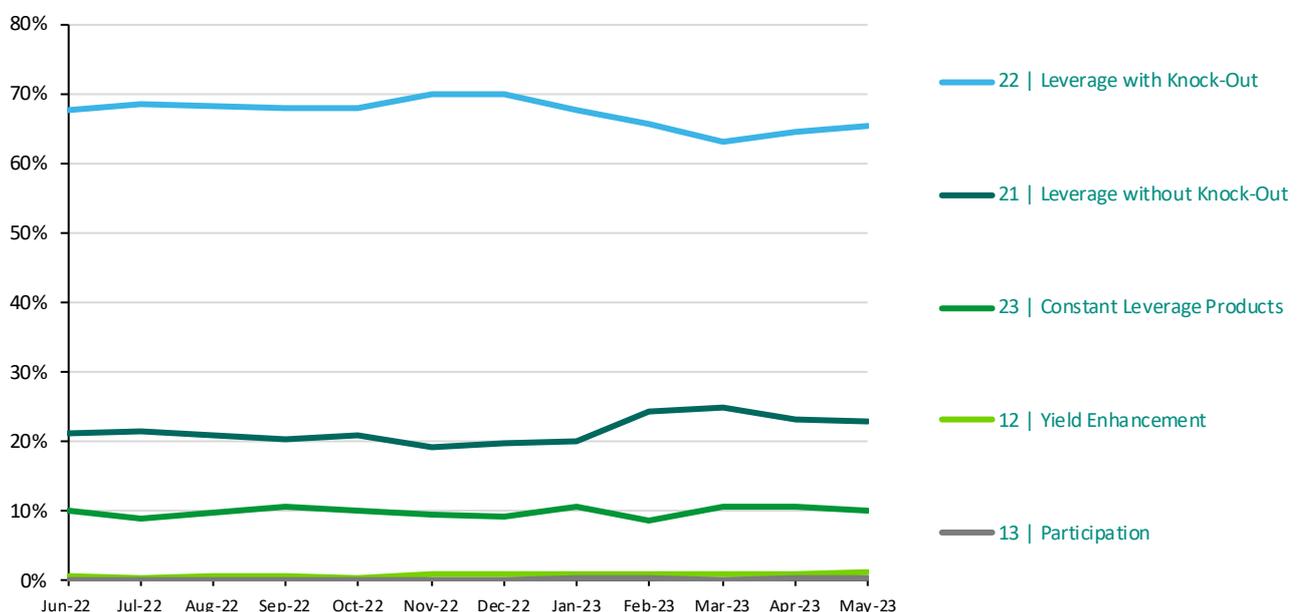
## Market Trend: Value traded

The historical graph below displays the weight of the value traded for each product type over the total value traded on Euroclear France instruments traded on Euronext's pan-European MTF.



## Market Trend: Number of trades

The historical graph below displays the weight of the number of trades of each product type over the total number of trades on Euroclear France instruments traded on Euronext's pan-European MTF.



## PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 2)

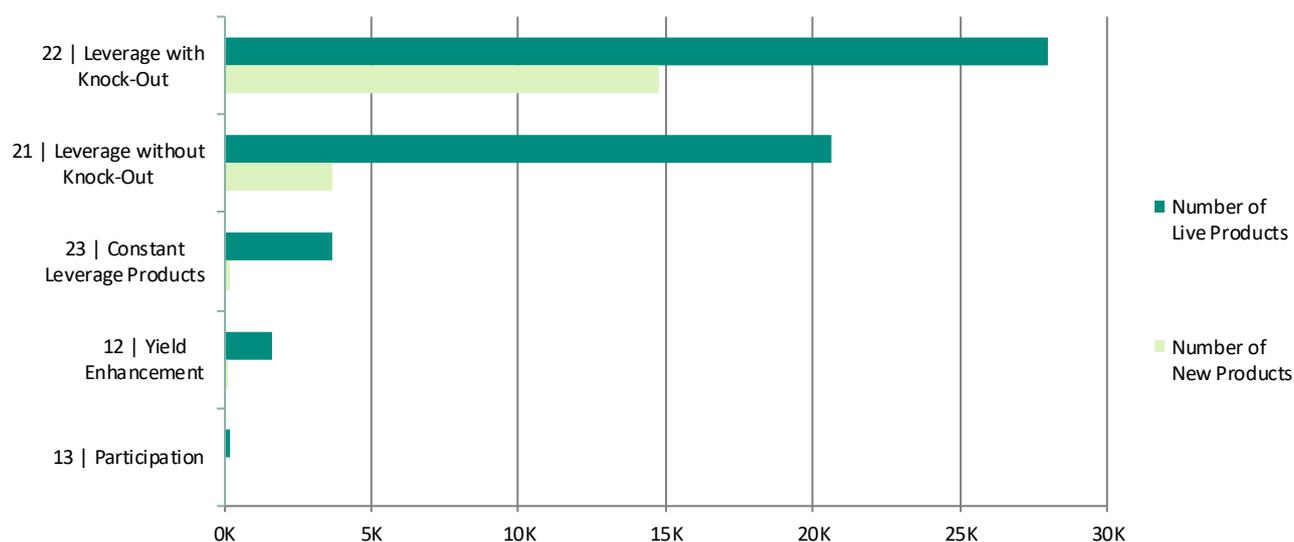
### Product Overview

The table below displays the daily average number of live products and the number of new products per product type (EUSIPA<sup>1</sup> categorization level 2) on Euroclear France instruments traded on Euronext's pan-European MTF, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each product type over the total.

The chart at the bottom of the page represents the number of live products and number of new products for each

Product Types (EUSIPA Categorization Level 2)	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
22   Leverage with Knock-Out	28,019	1.8%	0.8%	51.8%	14,746	42%	-17.4%	78.7%
21   Leverage without Knock-Out	20,606	0.3%	-6.3%	38.1%	3,675	5.7%	-27%	19.6%
23   Constant Leverage Products	3,640	3.5%	5.5%	6.7%	199	-30%	-35%	1.1%
12   Yield Enhancement	1,635	1.3%	5.1%	3.0%	111	-9.0%	-56%	0.6%
13   Participation	215	75%	96%	0.4%	3	-99%	-85%	0.0%
<b>Total</b>	<b>54,116</b>	<b>1.5%</b>	<b>-1.4%</b>	<b>100%</b>	<b>18,734</b>	<b>29.6%</b>	<b>-20.0%</b>	<b>100%</b>

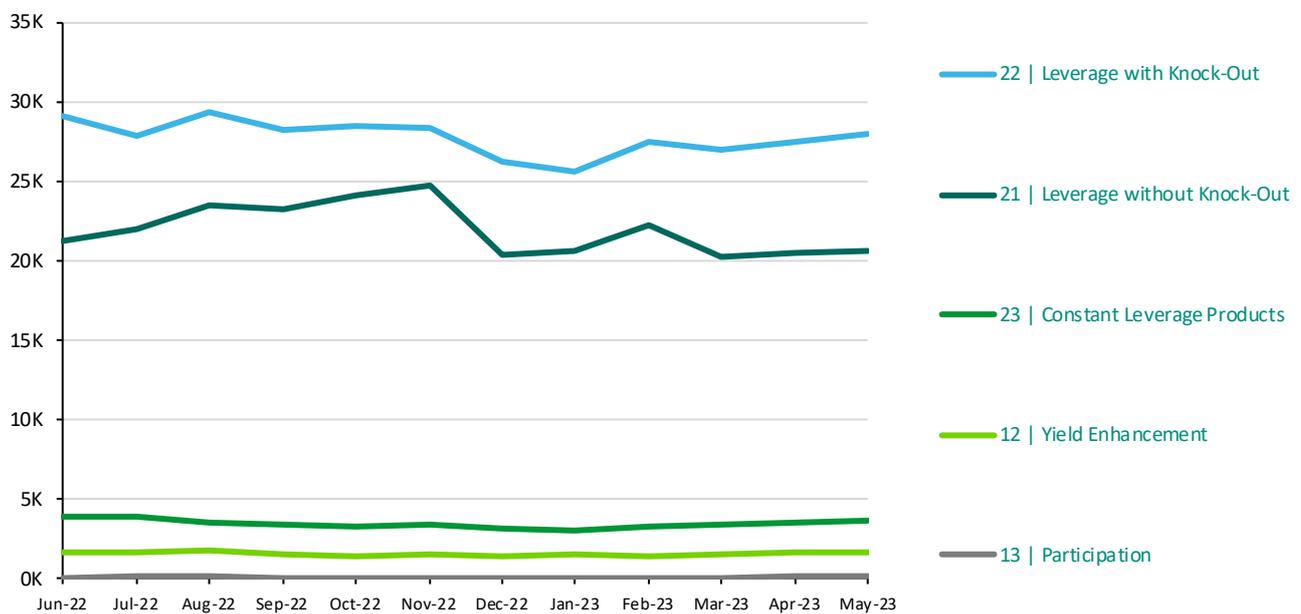
(Source Euronext)



# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 2)

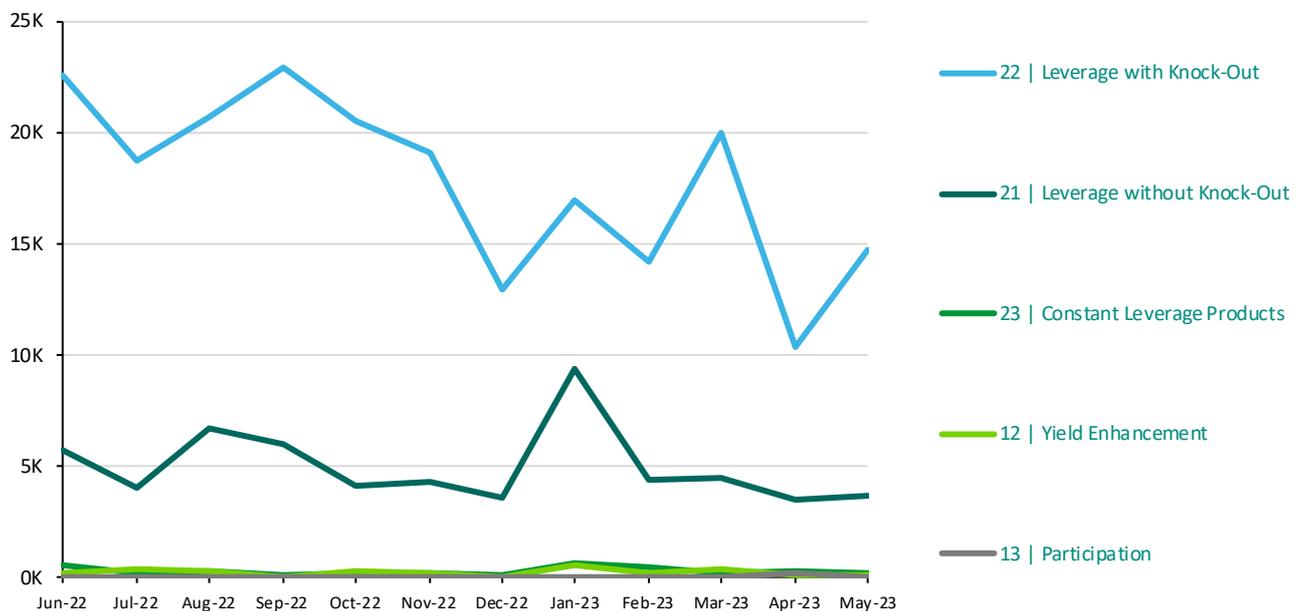
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each product type on Euroclear France instruments traded on Euronext's pan-European MTF.



## Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each product type on Euroclear France instruments traded on Euronext's pan-European MTF.



# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 3)

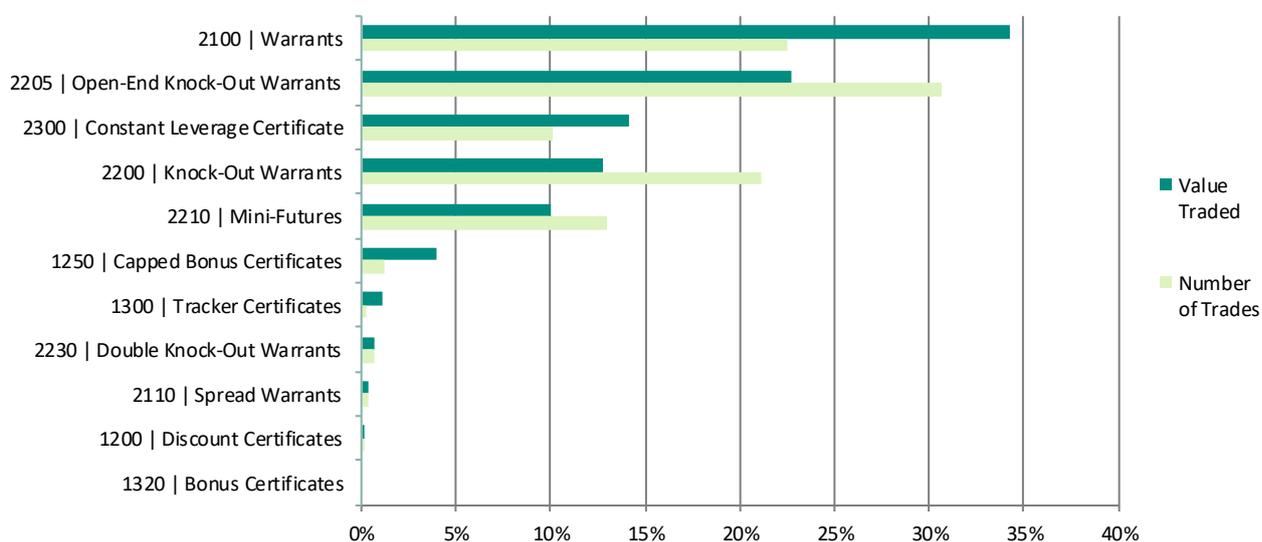
## Market Overview

The table below displays the daily averages of value traded and number of trades per product type (EUSIPA<sup>1</sup> categorization level 3) on Euroclear France instruments traded on Euronext's pan-European MTF, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each product type over the total.

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

Product Types (EUSIPA Categorization Level 3)	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
2100   Warrants	4,621	-34%	1.0%	34.3%	827	-1.2%	-16.1%	22.5%
2205   Open-End Knock-Out Warrants	3,061	-15.8%	-30%	22.7%	1,125	4.1%	-15.5%	30.6%
2300   Constant Leverage Certificate	1,905	-0.2%	-7.4%	14.1%	372	-4.2%	-18.8%	10.1%
2200   Knock-Out Warrants	1,724	-6.0%	-43%	12.8%	775	3.8%	-30%	21.1%
2210   Mini-Futures	1,354	10.6%	-28%	10.0%	478	-8.4%	-22%	13.0%
1250   Capped Bonus Certificates	532	21%	-7.7%	3.9%	45	24%	25%	1.2%
1300   Tracker Certificates	149	19.5%	18.4%	1.1%	11	1.4%	15.7%	0.3%
2230   Double Knock-Out Warrants	85	60%	-49%	0.6%	25	26%	-28%	0.7%
2110   Spread Warrants	48	30%	-17.0%	0.4%	14	-20%	8.5%	0.4%
1200   Discount Certificates	2	-42%	-34%	0.0%	0.2	36%	72%	0.0%
1320   Bonus Certificates	0	-100%	-100%	0.0%	0.0	-100%	-100%	0.0%
<b>Total</b>	<b>13,479</b>	<b>-16.9%</b>	<b>-20.0%</b>	<b>100%</b>	<b>3,672</b>	<b>0.3%</b>	<b>-20.1%</b>	<b>100%</b>

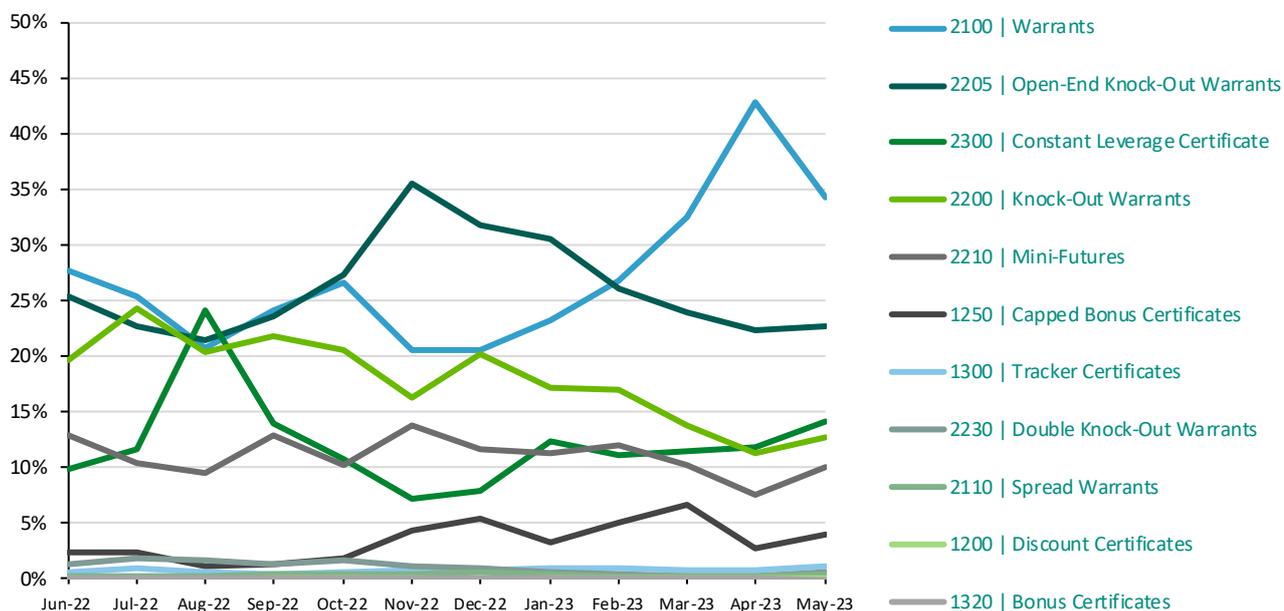
(Source Euronext)



# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 3)

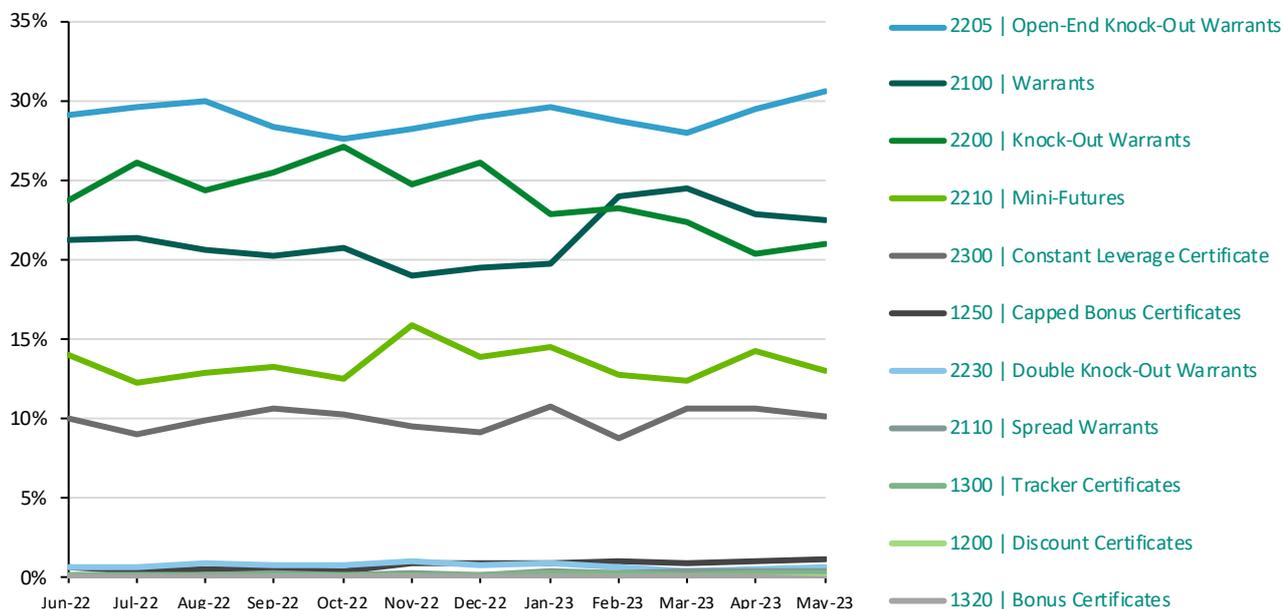
## Market Trend: Value traded

The historical graph below displays the weight of the value traded for each product type over the total value traded on Euroclear France instruments traded on Euronext's pan-European MTF.



## Market Trend: Number of trades

The historical graph below displays the weight of the number of trades of each product type over the total number of trades on Euroclear France instruments traded on Euronext's pan-European MTF.



# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 3)

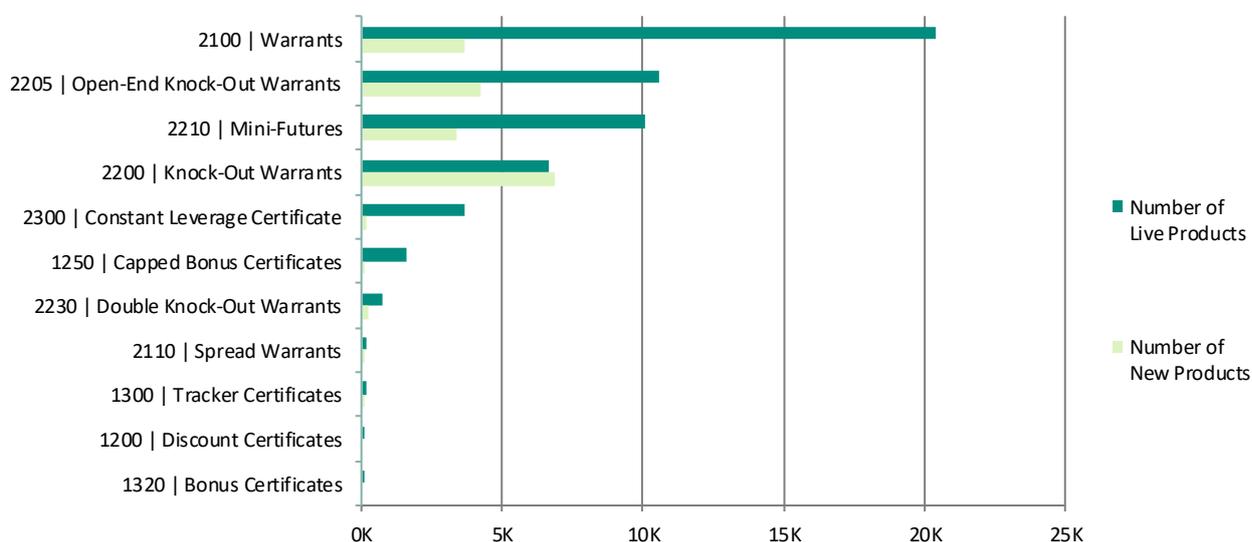
## Product Overview

The table below displays the daily average number of live products and the number of new products per product type (EUSIPA<sup>1</sup> categorization level 3) on Euroclear France instruments traded on Euronext's pan-European MTF, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each product type over the total.

The chart at the bottom of the page represents the number of live products and number of new products for each

Product Types (EUSIPA Categorization Level 3)	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
2100   Warrants	20,402	0.3%	-6.6%	37.7%	3,655	7.7%	-26%	19.5%
2205   Open-End Knock-Out Warrants	10,543	-0.9%	2.0%	19.5%	4,263	26%	-23%	22.8%
2210   Mini-Futures	10,096	-0.9%	-0.6%	18.7%	3,404	24%	-34%	18.2%
2200   Knock-Out Warrants	6,621	11.3%	-0.1%	12.2%	6,863	71%	-1.3%	36.6%
2300   Constant Leverage Certificate	3,640	3.5%	5.5%	6.7%	199	-30%	-35%	1.1%
1250   Capped Bonus Certificates	1,590	1.4%	4.7%	2.9%	111	-9.0%	-55%	0.6%
2230   Double Knock-Out Warrants	758	2.0%	12.5%	1.4%	216	-5.3%	-6.8%	1.2%
2110   Spread Warrants	205	-4.8%	26%	0.4%	20	-76%	-63%	0.1%
1300   Tracker Certificates	197	89%	162%	0.4%	3	-99%	-84%	0.0%
1200   Discount Certificates	45	0.0%	24%	0.1%	0		-100%	0.0%
1320   Bonus Certificates	18	-5.0%	-48%	0.0%	0		-100%	0.0%
<b>Total</b>	<b>54,116</b>	<b>1.5%</b>	<b>-1.4%</b>	<b>100%</b>	<b>18,734</b>	<b>29.6%</b>	<b>-20.0%</b>	<b>100%</b>

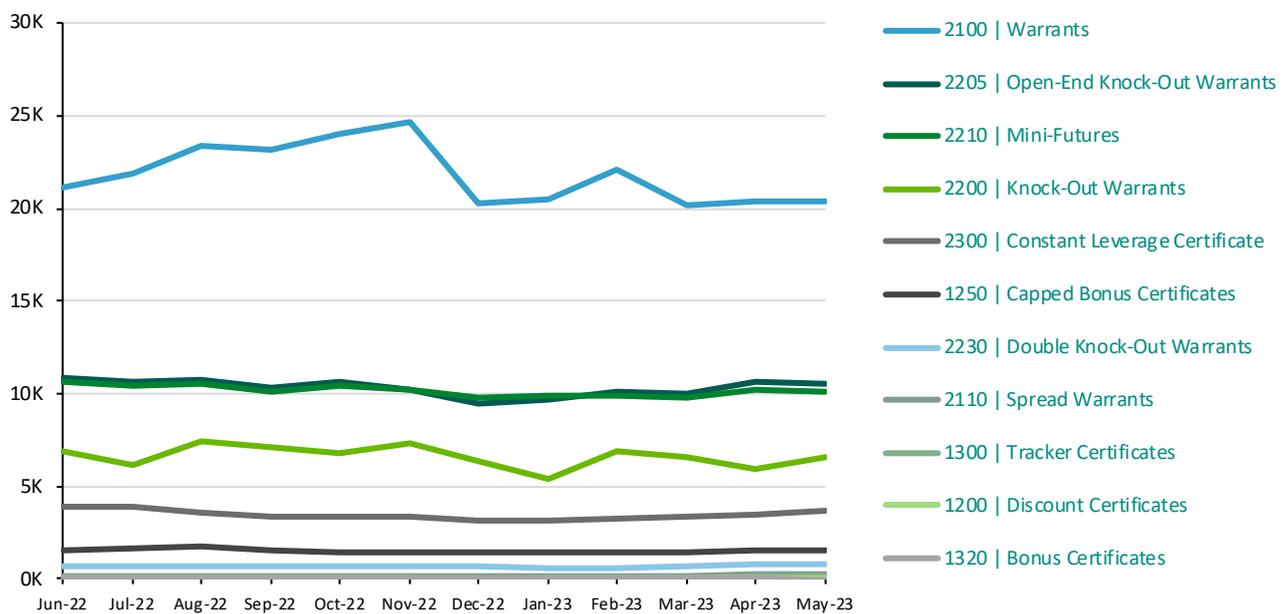
(Source Euronext)



# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 3)

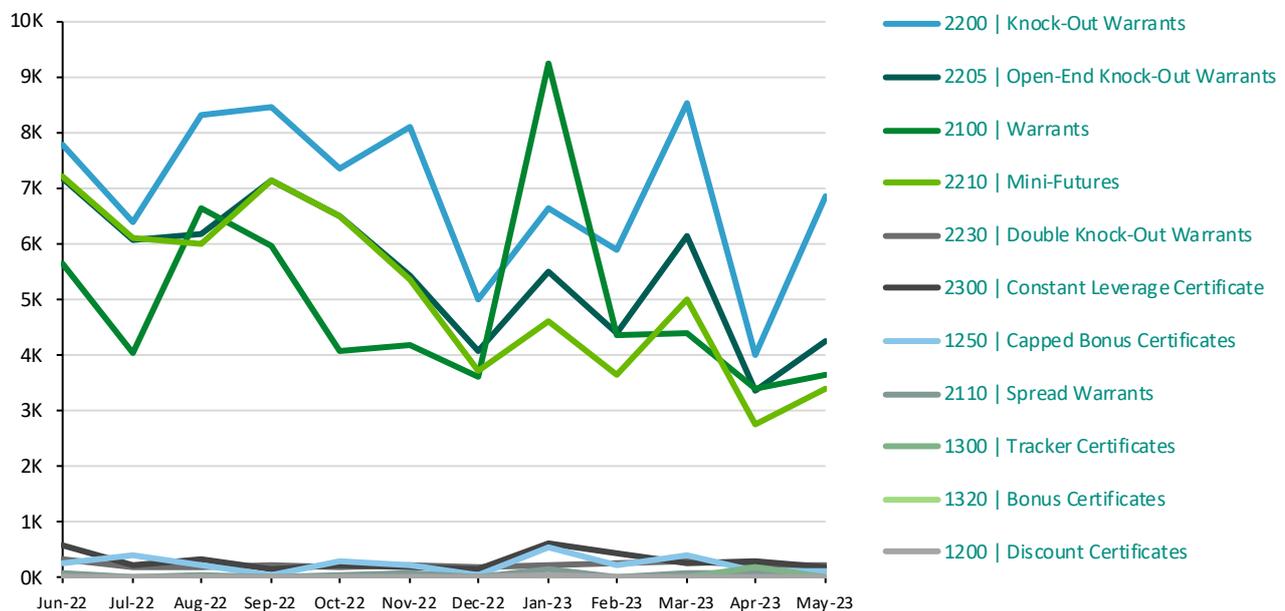
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each product type on Euroclear France instruments traded on Euronext's pan-European MTF.



## Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each product type on Euroclear France instruments traded on Euronext's pan-European MTF.



# PRODUCT STRATEGIES

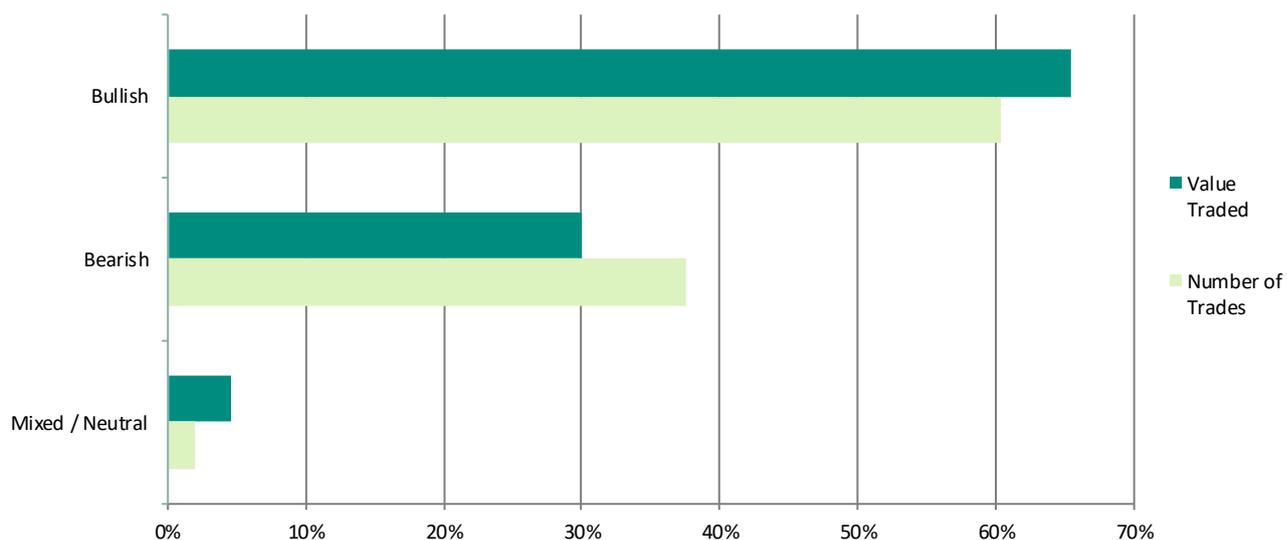
## Market Overview

The table below displays the daily averages of value traded and number of trades per product strategy on Euroclear France instruments traded on Euronext's pan-European MTF, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each product strategy over the total.

The chart at the bottom of the page represents the weight of each product strategy in terms of value traded and number of trades.

Product Strategies	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
Bullish	8,818	-20.0%	-4.7%	65.4%	2,220	11.0%	-13.6%	60.5%
Bearish	4,043	-14.1%	-41%	30.0%	1,382	-13.8%	-29%	37.6%
Mixed / Neutral	619	25%	-17.1%	4.6%	70	24%	-0.8%	1.9%
Total	13,479	-16.9%	-20.0%	100%	3,672	0.3%	-20.1%	100%

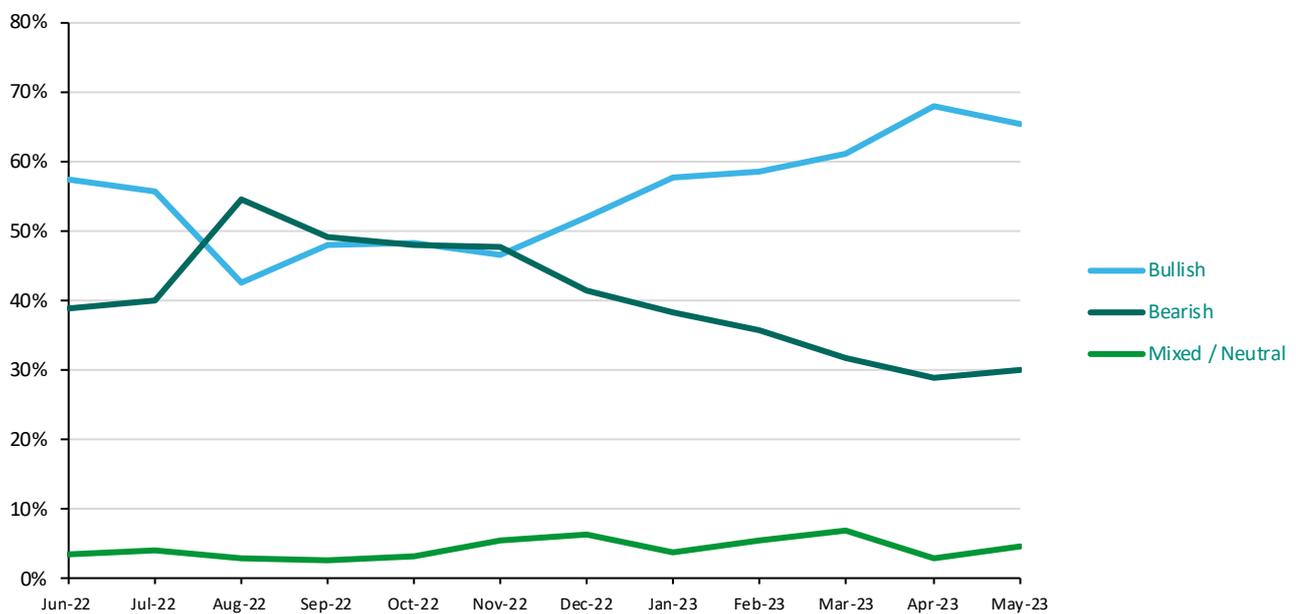
(Source Euronext)



# PRODUCT STRATEGIES

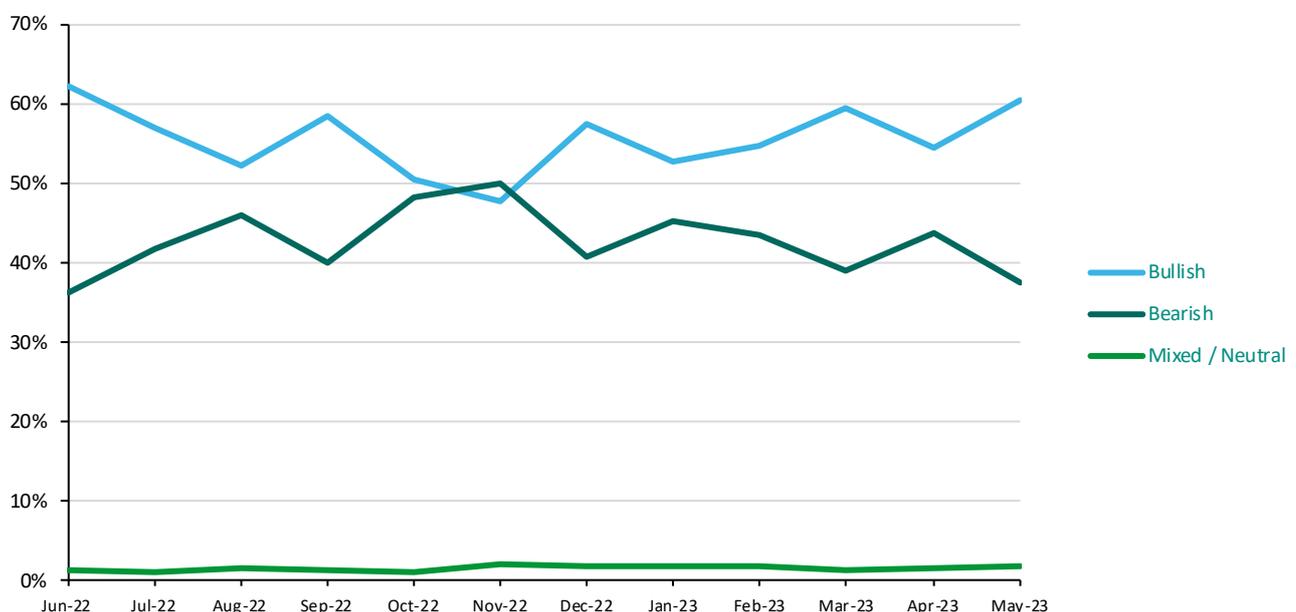
## Market Trend: Value traded

The historical graph below displays the weight of the value traded for each product type over the total value traded on Euroclear France instruments traded on Euronext's pan-European MTF.



## Market Trend: Number of trades

The historical graph below displays the weight of the number of trades of each product type over the total number of trades on Euroclear France instruments traded on Euronext's pan-European MTF.



# PRODUCT STRATEGIES

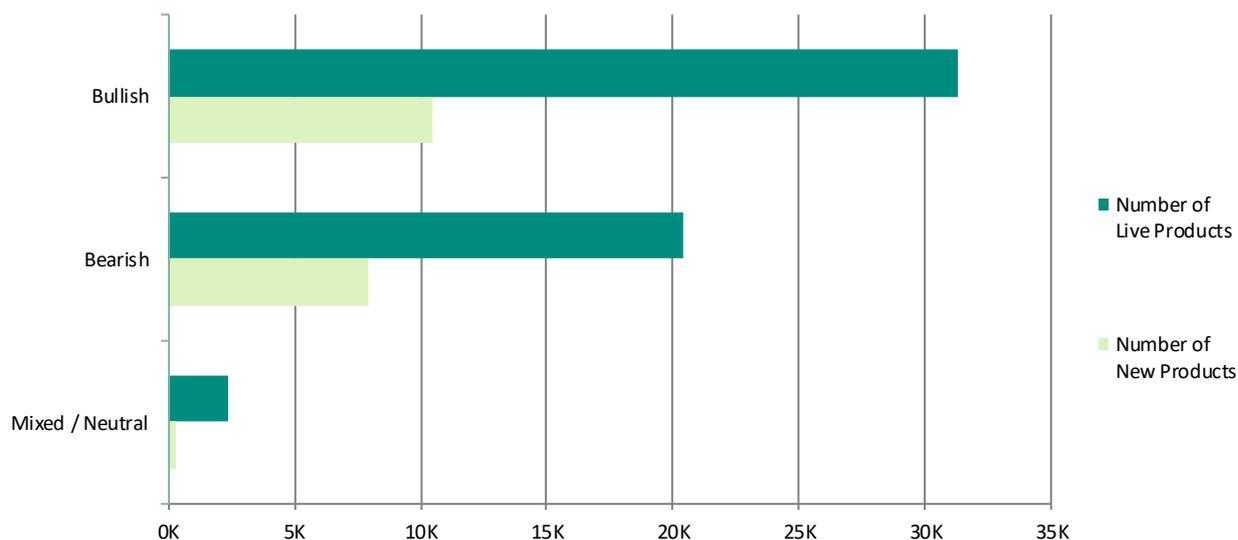
## Product Overview

The table below displays the daily average number of live products and the number of new products per product strategy on Euroclear France instruments traded on Euronext's pan-European MTF, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each product strategy over the total.

The chart at the bottom of the page represents the number of live products and number of new products for each product strategy.

Strategies	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Bullish	31,274	0.5%	1.4%	57.8%	10,475	35%	-17.5%	55.9%
Bearish	20,449	3.0%	-6.4%	37.8%	7,932	25%	-23%	42.3%
Mixed / Neutral	2,394	1.5%	7.4%	4.4%	327	-6.6%	-32%	1.7%
<b>Total</b>	<b>54,116</b>	<b>1.5%</b>	<b>-1.4%</b>	<b>100%</b>	<b>18,734</b>	<b>29.6%</b>	<b>-20.0%</b>	<b>100%</b>

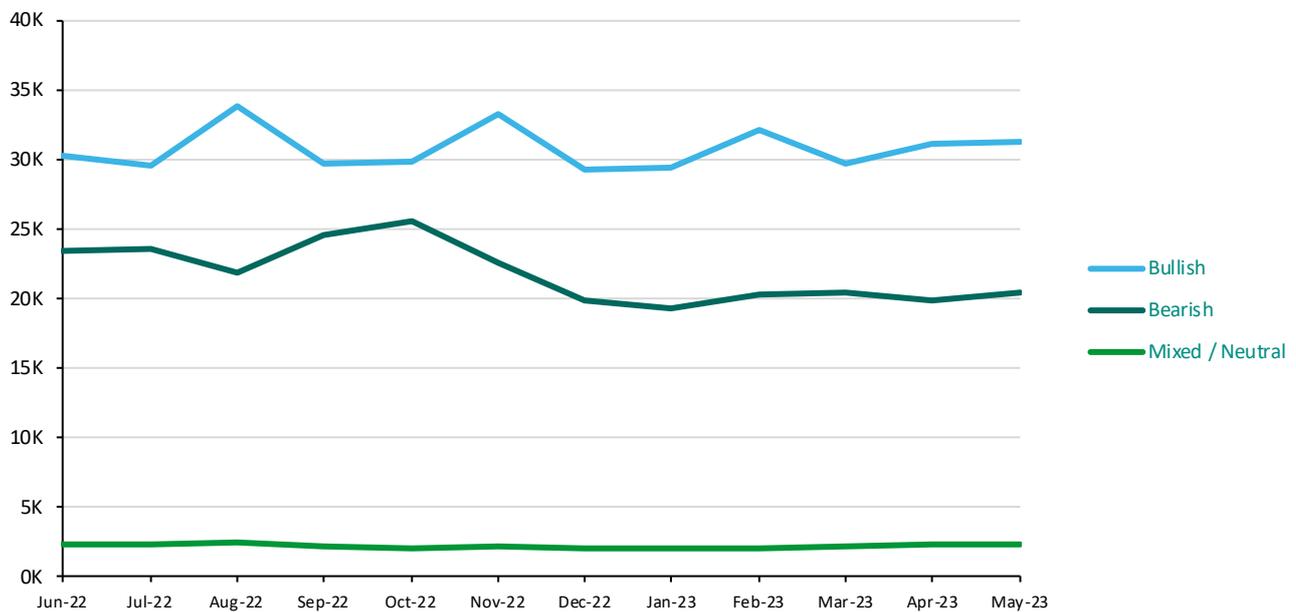
(Source Euronext)



# PRODUCT STRATEGIES

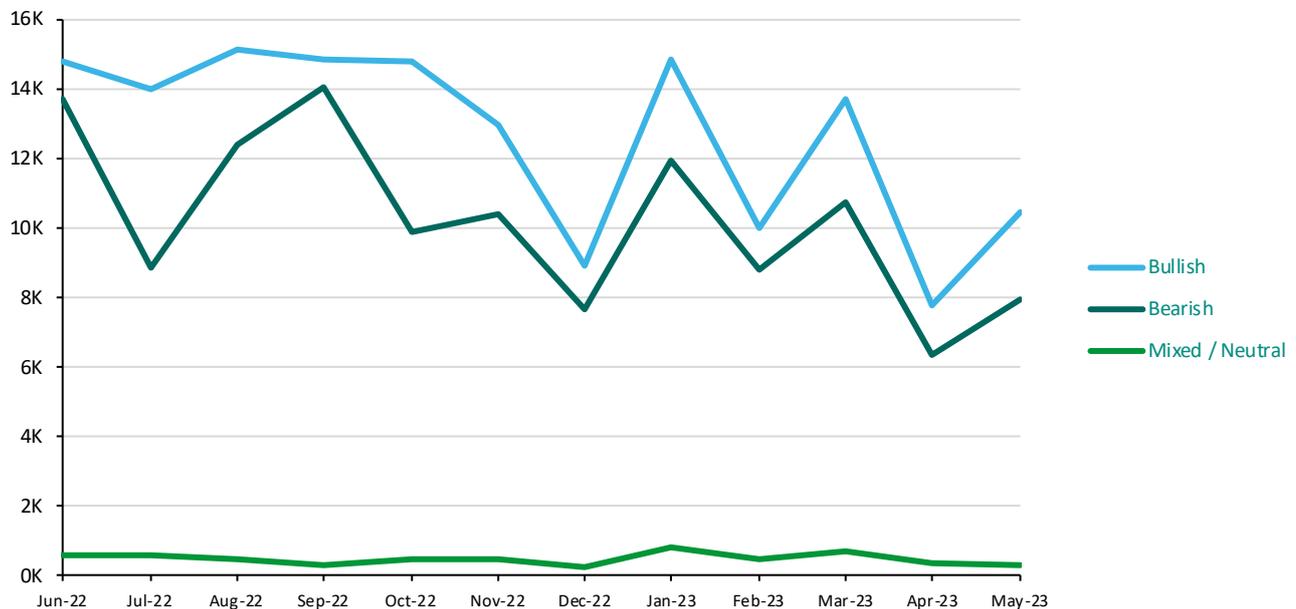
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each product type on Euroclear France instruments traded on Euronext's pan-European MTF.



## Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each product type on Euroclear France instruments traded on Euronext's pan-European MTF.



# UNDERLYING TYPES

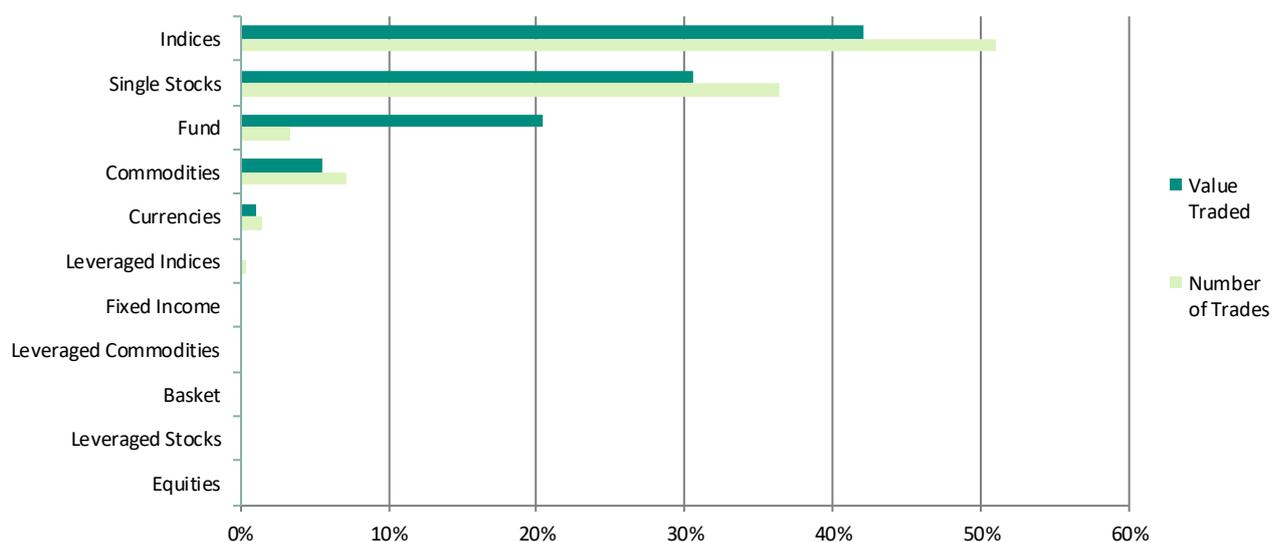
## Market Overview

The table below displays the daily averages of value traded and number of trades per underlying type on Euroclear France instruments traded on Euronext's pan-European MTF, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each underlying type over the total.

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

Underlying Types	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
Indices	5,669	-3.2%	-37%	42.1%	1,872	7.9%	-25.9%	51.0%
Single Stocks	4,124	-9.5%	-15.3%	30.6%	1,336	-8.8%	-14.9%	36.4%
Fund	2,747	-41%	91%	20.4%	126	9.0%	131.0%	3.4%
Commodities	752	-12.4%	-21%	5.6%	260	-5.7%	-15.1%	7.1%
Currencies	138	-3.9%	-59%	1.0%	53	29.1%	-39.3%	1.4%
Leveraged Indices	21	-86%	-91%	0.2%	12	-17.0%	-55.8%	0.3%
Fixed Income	18	0.6%	-62%	0.1%	4.8	-14.1%	-49.2%	0.1%
Leveraged Commodities	3	70%	-63%	0.0%	4.0	32.4%	-43.6%	0.1%
Basket	3	-31%	-25%	0.0%	0.6	-11.9%	-0.9%	0.0%
Leveraged Stocks	3	35%	27%	0.0%	2.6	-4.8%	52.7%	0.1%
Equities	1	-22%	-73%	0.0%	1.0	7.4%	-52.7%	0.0%
<b>Total</b>	<b>13,479</b>	<b>-16.9%</b>	<b>-20.0%</b>	<b>100%</b>	<b>3,672</b>	<b>0.3%</b>	<b>-20.1%</b>	<b>100%</b>

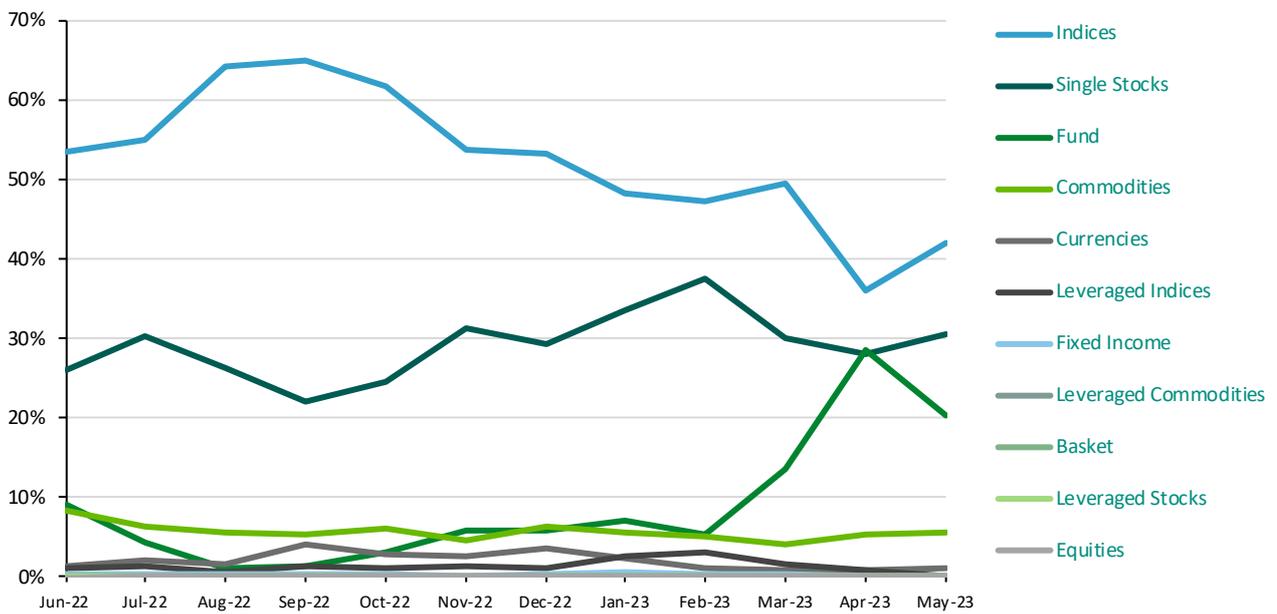
(Source Euronext)



# UNDERLYING TYPES

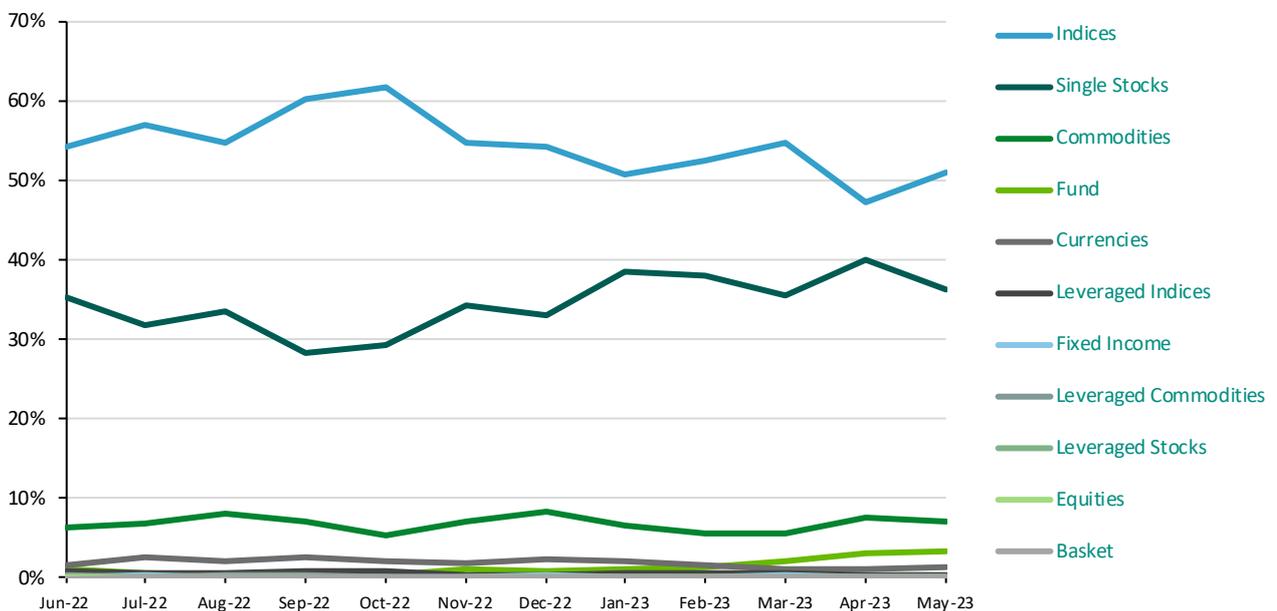
## Market Trend: Value traded

The historical graph below displays the weight of the value traded for each underlying type over the total value traded on Euroclear France instruments traded on Euronext’s pan-European MTF.



## Market Trend: Number of trades

The historical graph below displays the weight of the number of trades of each underlying type over the total number of trades on Euroclear France instruments traded on Euronext’s pan-European MTF.



## UNDERLYING TYPES

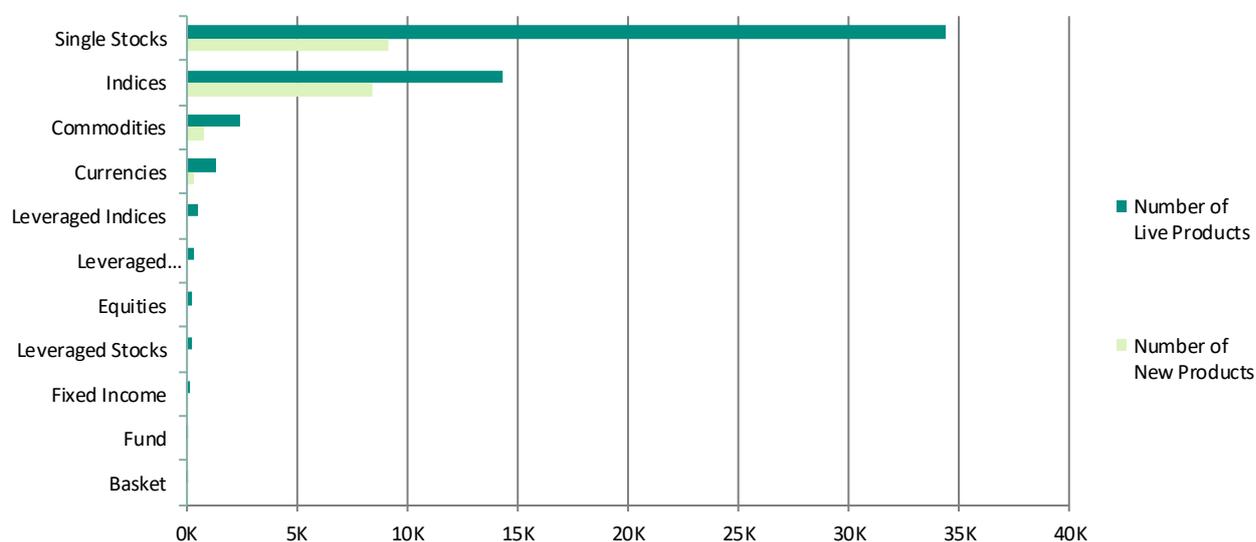
### Product Overview

The table below displays the daily average number of live products and the number of new products per underlying type on Euroclear France instruments traded on Euronext's pan-European MTF, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each underlying type over the total.

The chart at the bottom of the page represents the number of live products and number of new products for each underlying type.

Underlying Types	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Single Stocks	34,423	2.8%	0.0%	63.6%	9,125	23%	-23%	48.7%
Indices	14,321	-1.3%	-5.2%	26.5%	8,408	46%	-14.3%	44.9%
Commodities	2,424	2.6%	4.6%	4.5%	776	2.9%	-21%	4.1%
Currencies	1,311	0.1%	10.7%	2.4%	303	-22%	-39%	1.6%
Leveraged Indices	522	-3.9%	-9.4%	1.0%	6	-33%	-77%	0.0%
Leveraged Commodities	326	6.5%	-27%	0.6%	32	-26%	-44%	0.2%
Equities	275	-2.7%	-23%	0.5%	55	-36%	-48%	0.3%
Leveraged Stocks	257	1.2%	9.3%	0.5%	16	NA	-11.5%	0.1%
Fixed Income	143	-0.2%	10.0%	0.3%	12	0.0%	-49%	0.1%
Fund	112	1.7%	1.0%	0.2%	1	-50%	-33%	0.0%
Basket	1	-4.5%	-31%	0.0%	0			0.0%
<b>Total</b>	<b>54,116</b>	<b>1.5%</b>	<b>-1.4%</b>	<b>100%</b>	<b>18,734</b>	<b>30%</b>	<b>-20%</b>	<b>100%</b>

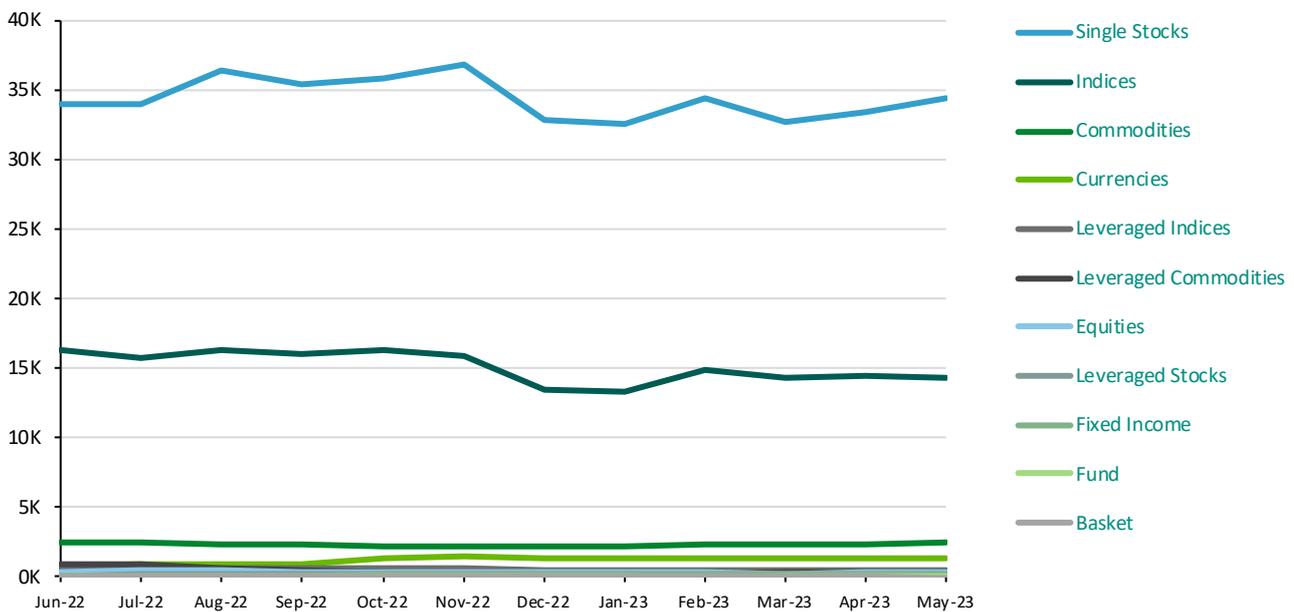
(Source Euronext)



# UNDERLYING TYPES

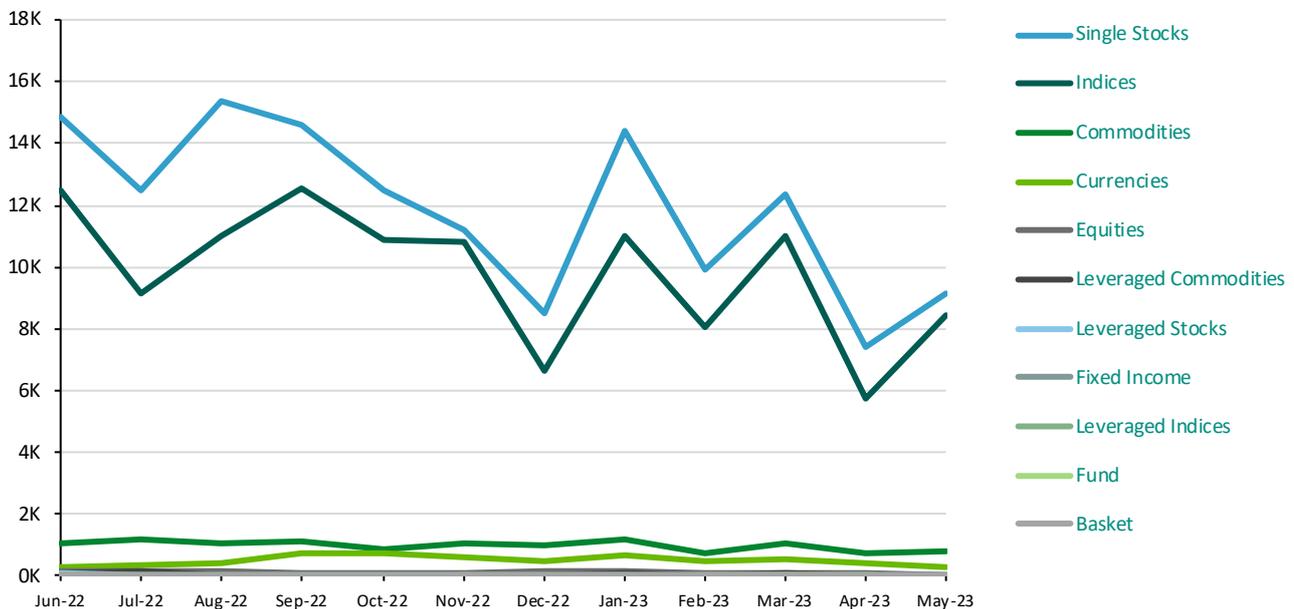
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each underlying type on Euroclear France instruments traded on Euronext’s pan-European MTF.



## Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each underlying type on Euroclear France instruments traded on Euronext’s pan-European MTF.



# TOP 10 UNDERLYING COUNTRIES

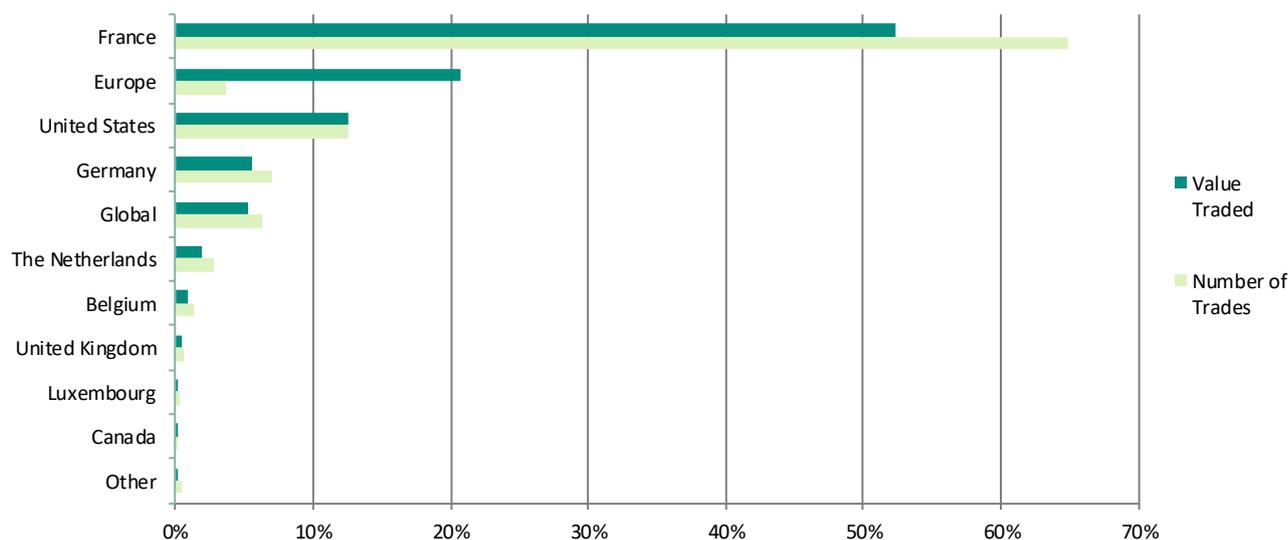
## Market Overview

The table below displays the daily averages of value traded and number of trades per country of origin of the underlying on Euroclear France instruments traded on Euronext's pan-European MTF, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each underlying country of origin over the total.

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

Underlying Countries	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
France	7,061	-6.1%	-29%	52.4%	2,381	-1.1%	-22.2%	64.8%
Europe	2,786	-41%	83%	20.7%	136	5.4%	106%	3.7%
United States	1,697	-9.1%	-41%	12.6%	462	1.5%	-34%	12.6%
Germany	747	-19.2%	-34%	5.5%	259	9.6%	-14.0%	7.1%
Global	710	0.1%	-1.5%	5.3%	232	-2.5%	-11.6%	6.3%
The Netherlands	266	-10.7%	-18.8%	2.0%	102	-0.1%	2.9%	2.8%
Belgium	110	81%	23%	0.8%	50	86%	32%	1.4%
United Kingdom	52	21%	-15.0%	0.4%	20	4.0%	2.1%	0.6%
Luxembourg	26	-59%	-77%	0.2%	12	-37%	-55%	0.3%
Canada	5	-16.2%	-22%	0.0%	3.5	0.3%	-14.5%	0.1%
Other	19	-36%	-63%	0.1%	14	-40%	-35%	0.4%
<b>Total</b>	<b>13,479</b>	<b>-16.9%</b>	<b>-20.0%</b>	<b>100%</b>	<b>3,672</b>	<b>0.3%</b>	<b>-20.1%</b>	<b>100%</b>

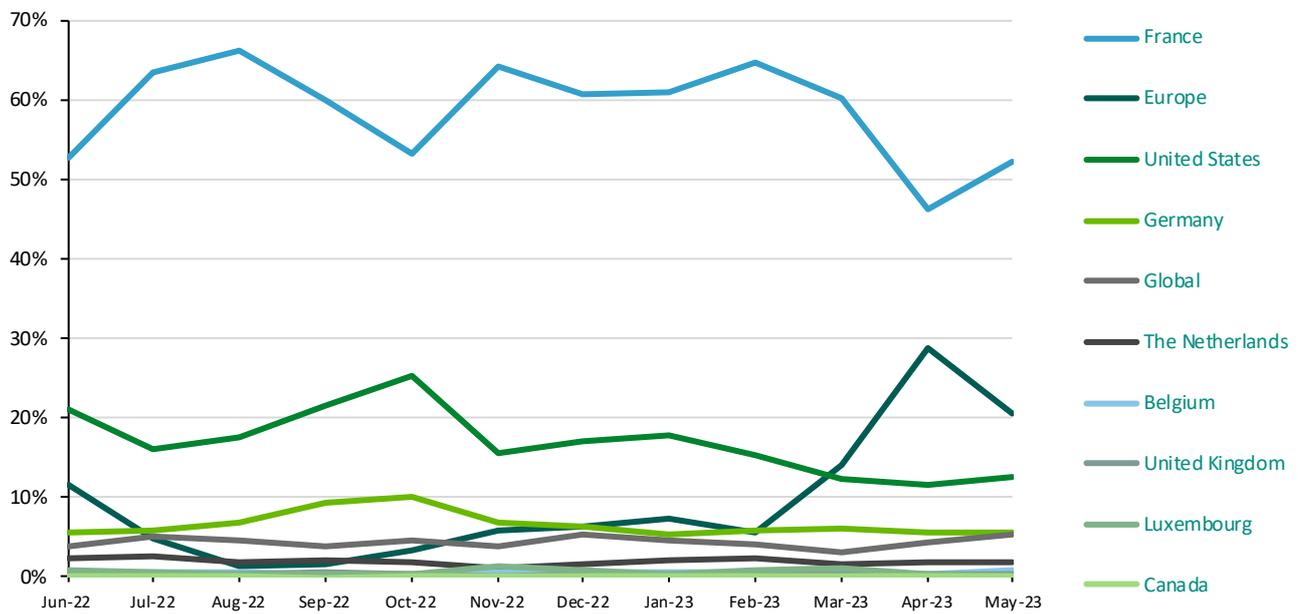
(Source Euronext)



# TOP 10 UNDERLYING COUNTRIES

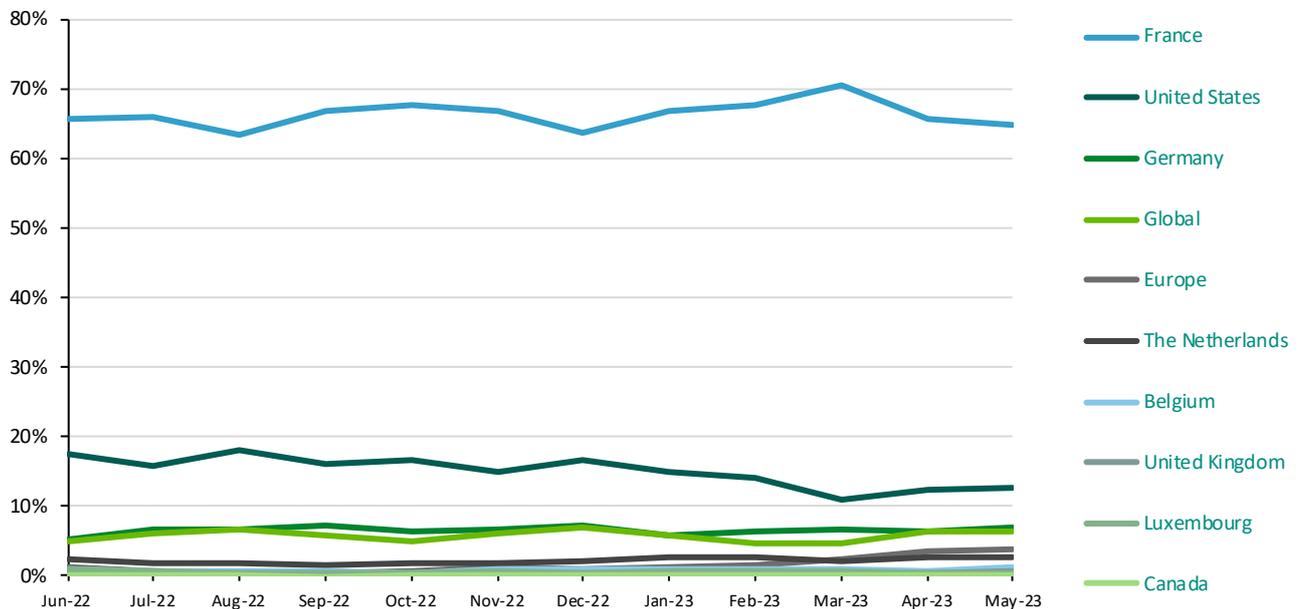
## Market Trend: Value traded

The historical graph below displays the weight of the value traded for each underlying country of origin over the total value traded on Euroclear France instruments traded on Euronext's pan-European MTF.



## Market Trend: Number of trades

The historical graph below displays the weight of the number of trades of each underlying country of origin over the total number of trades on Euroclear France instruments traded on Euronext's pan-European MTF.



# TOP 10 UNDERLYING COUNTRIES

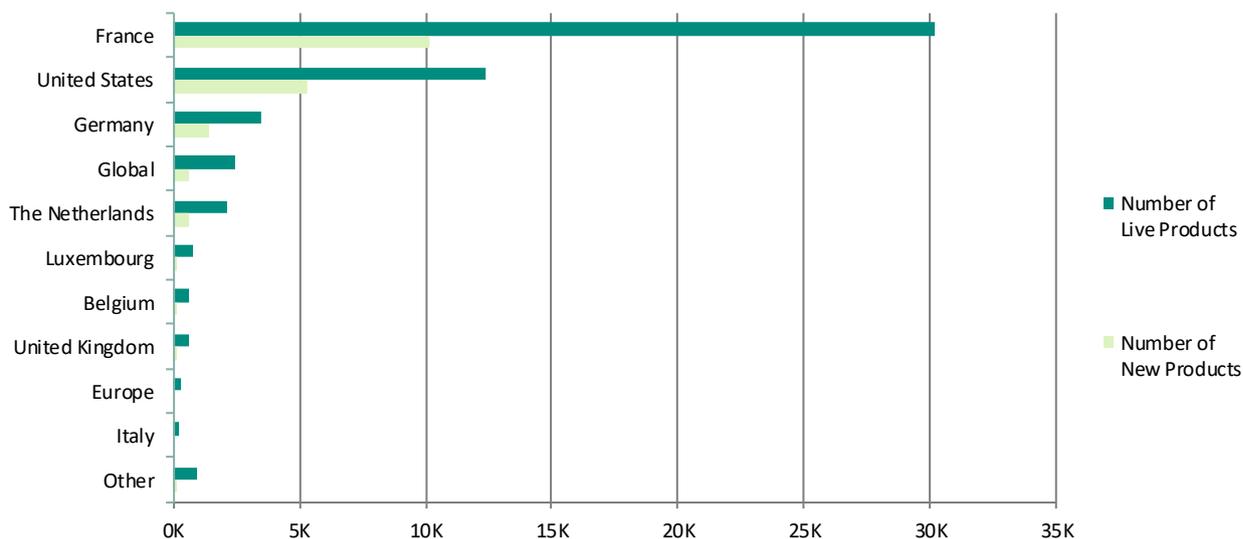
## Product Overview

The table below displays the daily average number of live products and the number of new products per country of origin of the underlying on Euroclear France instruments traded on Euronext’s pan-European MTF, as well as the variation over the previous month, over the last 12 months’ monthly average and the weight of each underlying country of origin over the total.

The chart at the bottom of the page represents the number of live products and number of new products for each top

Underlying Countries	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
France	30,181	0.5%	2.0%	55.8%	10,186	26%	-19.0%	54.4%
United States	12,401	3.3%	-4.7%	22.9%	5,311	52%	-10.4%	28.3%
Germany	3,515	1.6%	-10.0%	6.5%	1,387	35%	-30%	7.4%
Global	2,463	3.1%	-1.9%	4.6%	619	-4.0%	-20%	3.3%
The Netherlands	2,090	2.7%	-5.5%	3.9%	624	24%	-39%	3.3%
Luxembourg	759	2.2%	-7.6%	1.4%	176	23%	-40%	0.9%
Belgium	635	1.1%	1.4%	1.2%	126	43%	-39%	0.7%
United Kingdom	593	0.3%	-7.6%	1.1%	123	0.8%	-41%	0.7%
Europe	293	2.1%	-21%	0.5%	33	3.1%	-29%	0.2%
Italy	235	12.6%	29%	0.4%	10	-90%	-88%	0.1%
Other	952	0.9%	-7.4%	1.8%	139	-45%	-55%	0.7%
<b>Total</b>	<b>54,116</b>	<b>1.5%</b>	<b>-1.4%</b>	<b>100%</b>	<b>18,734</b>	<b>29.6%</b>	<b>-20.0%</b>	<b>100%</b>

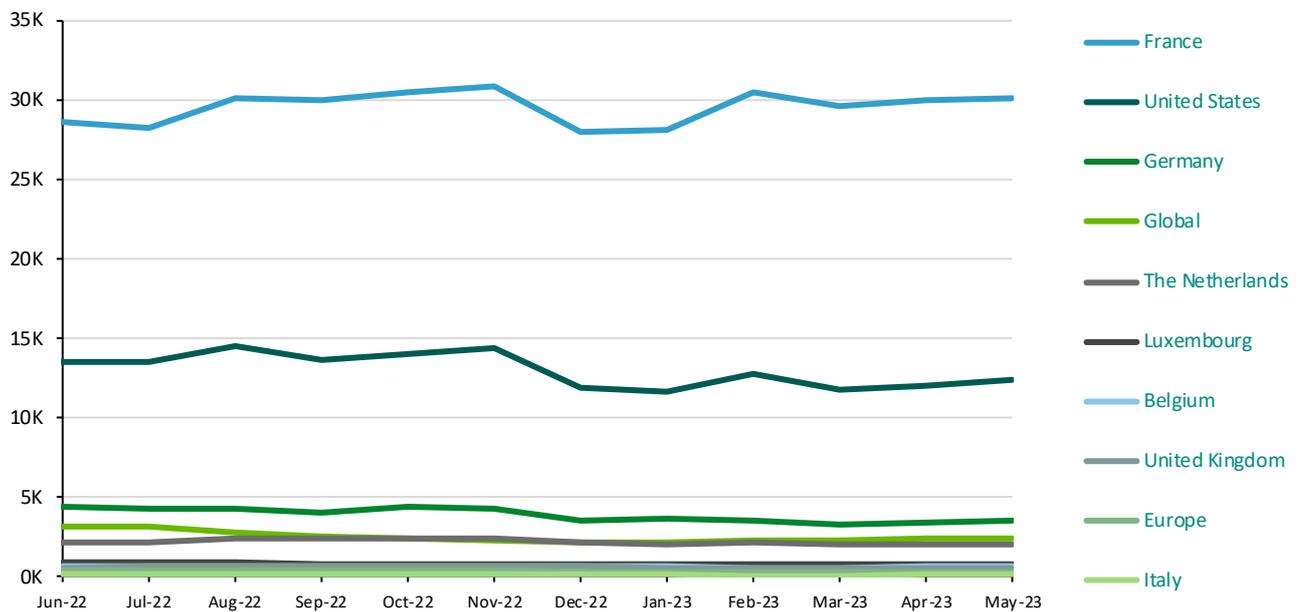
(Source Euronext)



# TOP 10 UNDERLYING COUNTRIES

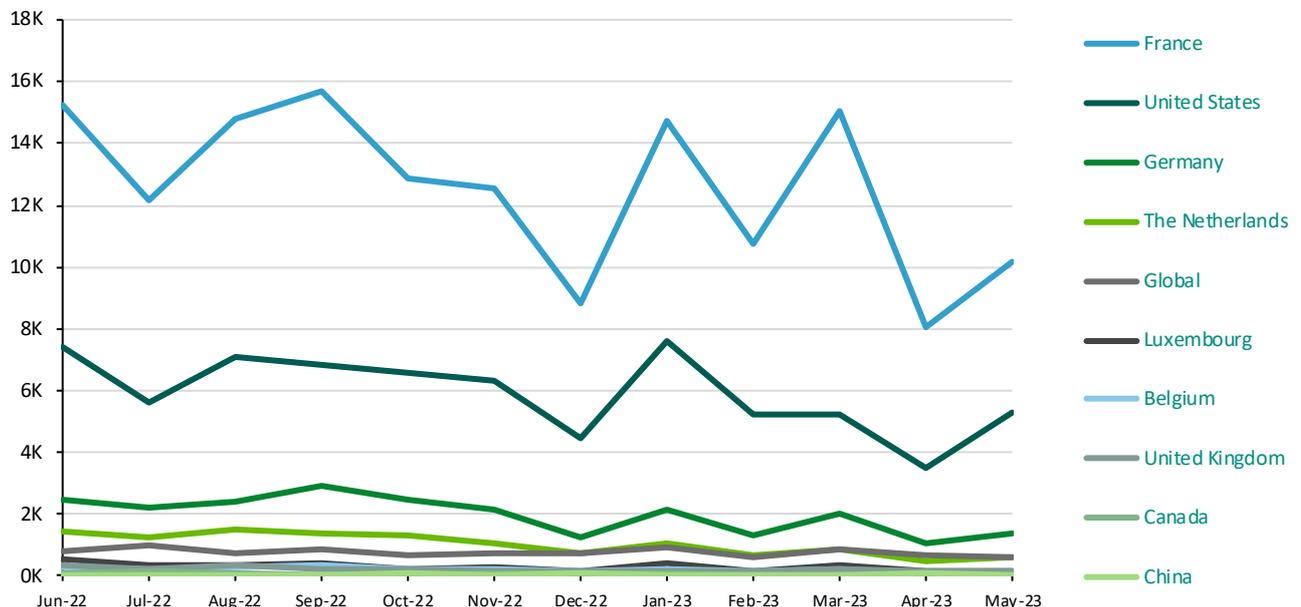
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each underlying country of origin on Euroclear France instruments traded on Euronext's pan-European MTF.



## Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each underlying country of origin on Euroclear France instruments traded on Euronext's pan-European MTF.



# TOP 10 UNDERLYINGS

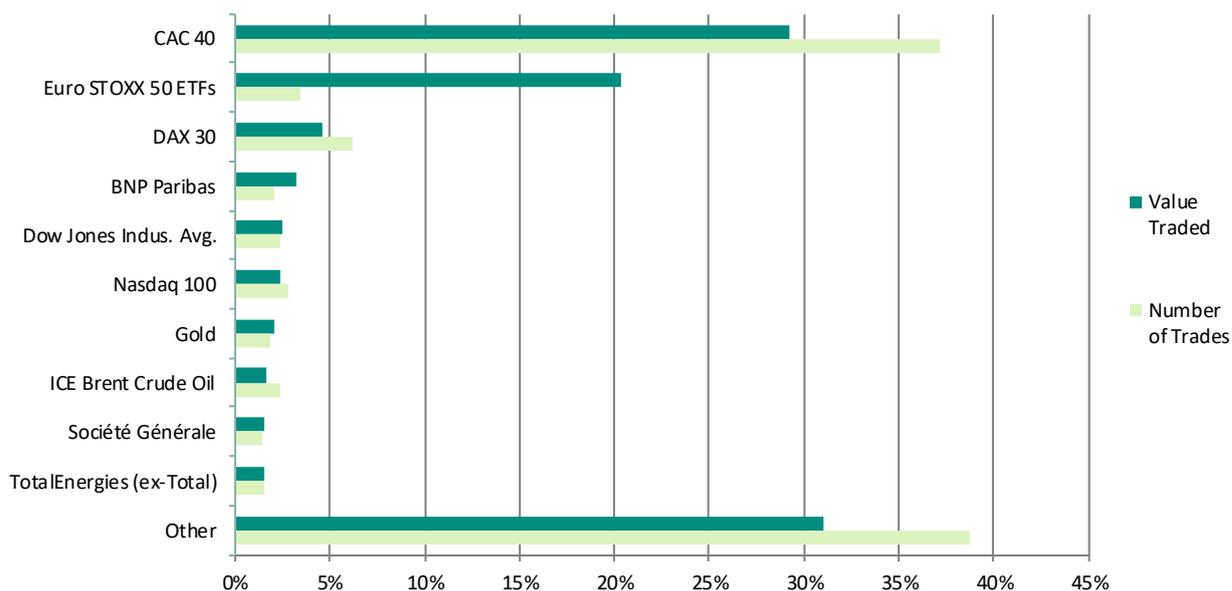
## Market Overview

The table below displays the daily averages of value traded and number of trades for the top 10 underlyings on Euroclear France instruments traded on Euronext's pan-European MTF, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each of the top 10 underlyings over the total.

The chart at the bottom of the page represents the weight of each of the top 10 underlyings in terms of value traded and number of trades.

Underlyings	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
CAC 40	3,945	2.5%	-34%	29.3%	1,365	10.7%	-24.7%	37.2%
Euro STOXX 50 ETFs	2,747	-41%	91%	20.4%	126	9.0%	131%	3.4%
DAX 30	613	-16.3%	-41%	4.6%	228	13.9%	-15.1%	6.2%
BNP Paribas	439	-30%	65%	3.3%	76	-16.3%	34%	2.1%
Dow Jones Indus. Avg.	328	-26%	-19.0%	2.4%	87	1.8%	-28%	2.4%
Nasdaq 100	326	-38%	-66%	2.4%	103	-22%	-54%	2.8%
Gold	272	-12.2%	1.4%	2.0%	68	-13.5%	6.4%	1.8%
ICE Brent Crude Oil	222	-3.9%	86%	1.6%	89	4.8%	46%	2.4%
Société Générale	200	-3.7%	-26%	1.5%	53	-12.9%	-11.9%	1.5%
TotalEnergies (ex-Total)	200	-33%	-38%	1.5%	55	7.9%	-22%	1.5%
Other	4,189	-4.3%	-27%	31.1%	1,423	-6.9%	-21%	38.8%
<b>Total</b>	<b>13,479</b>	<b>-16.9%</b>	<b>-20.0%</b>	<b>100%</b>	<b>3,672</b>	<b>0.3%</b>	<b>-20.1%</b>	<b>100%</b>

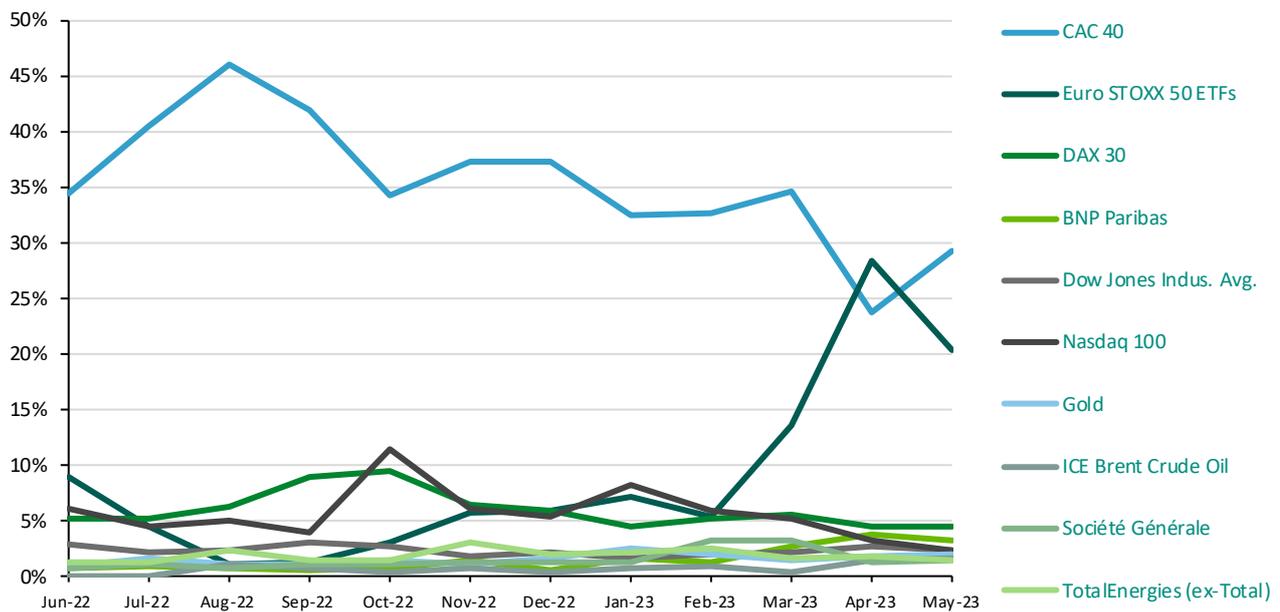
(Source Euronext)



# TOP 10 UNDERLYINGS

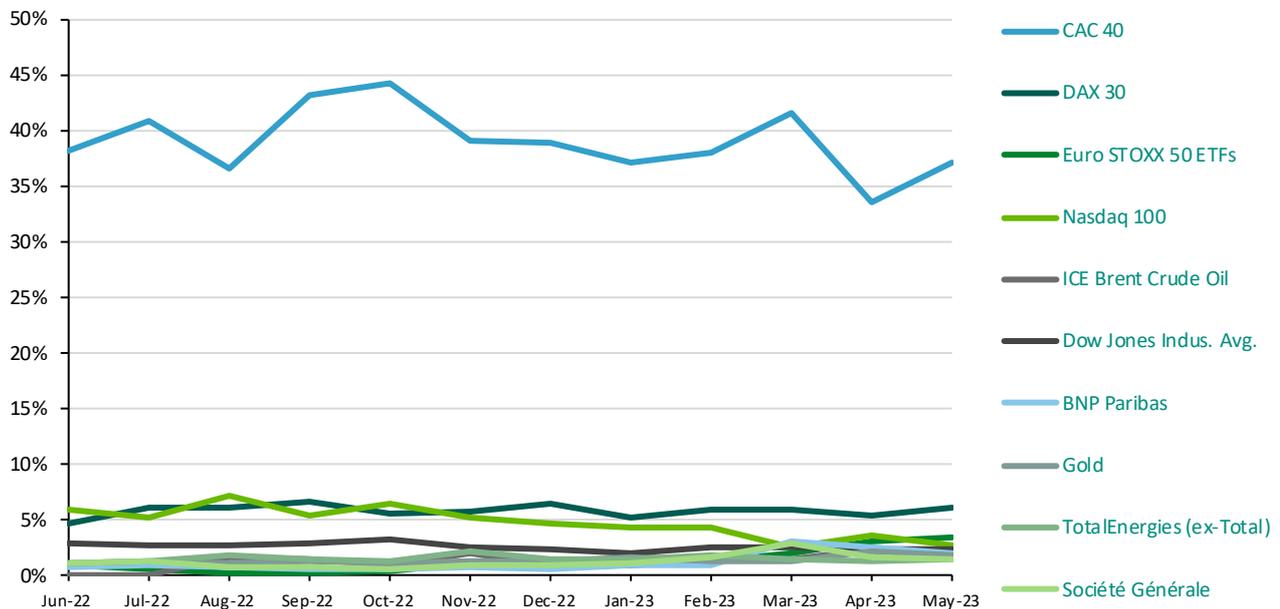
## Market Trend: Value traded

The historical graph below displays the weight of the value traded for each top 10 underlying over the total value traded on Euroclear France instruments traded on Euronext's pan-European MTF.



## Market Trend: Number of trades

The historical graph below displays the weight of the number of trades of each top 10 underlying over the total number of trades on Euroclear France instruments traded on Euronext's pan-European MTF.



# TOP 10 UNDERLYINGS

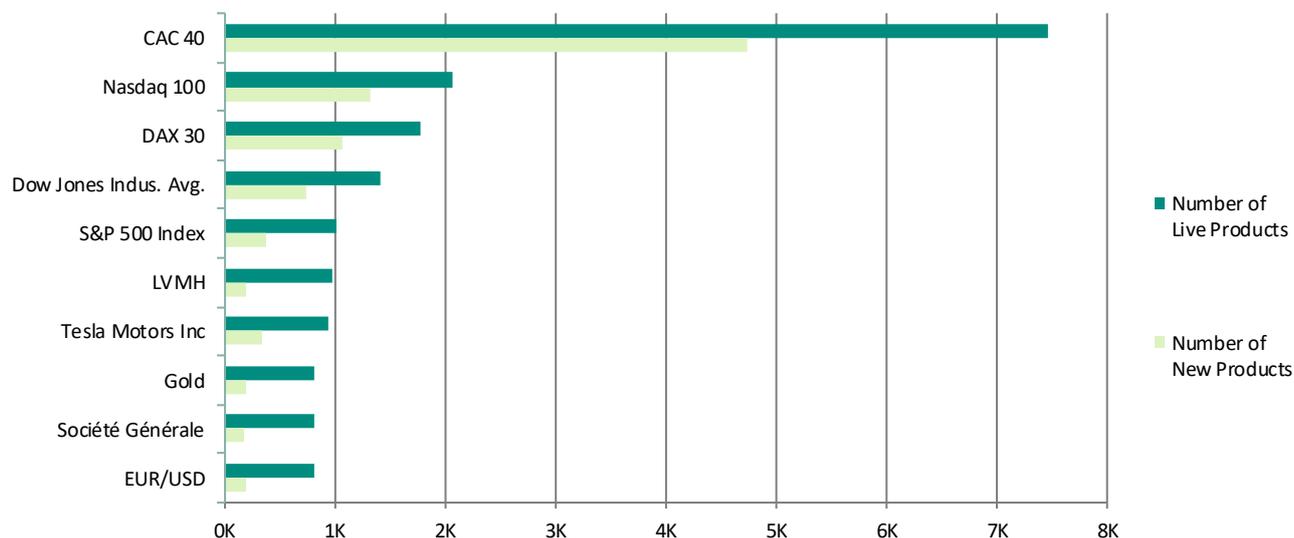
## Product Overview

The table below displays the daily average number of live products and the number of new products for the top 10 underlyings on Euroclear France instruments traded on Euronext’s pan-European MTF, as well as the variation over the previous month, over the last 12 months’ monthly average and the weight of each of the top 10 underlyings over the total.

The chart at the bottom of the page represents the number of live products and number of new products for each top

Underlyings	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
CAC 40	7,467	-3.6%	-1.1%	13.8%	4,733	33%	-14.1%	25.3%
Nasdaq 100	2,069	-0.1%	-2.2%	3.8%	1,327	79%	-0.7%	7.1%
DAX 30	1,782	2.1%	-13.9%	3.3%	1,067	59%	-17.0%	5.7%
Dow Jones Indus. Avg.	1,421	0.8%	-8.5%	2.6%	749	75%	-18.5%	4.0%
S&P 500 Index	1,007	3.6%	-9.3%	1.9%	369	50%	-21%	2.0%
LVMH	981	4.2%	5.2%	1.8%	190	-31%	-29%	1.0%
Tesla Motors Inc	937	2.3%	-9.2%	1.7%	336	-3.7%	-35%	1.8%
Gold	821	1.8%	3.9%	1.5%	201	-13.4%	-17.1%	1.1%
Société Générale	813	-3.5%	2.9%	1.5%	171	24%	-31%	0.9%
EUR/USD	813	1.3%	9.1%	1.5%	203	-16.1%	-37%	1.1%
Other	36,005	2.7%	-0.6%	66.5%	9,388	24%	-24%	50.1%
<b>Total</b>	<b>54,116</b>	<b>1.5%</b>	<b>-1.4%</b>	<b>100%</b>	<b>18,734</b>	<b>29.6%</b>	<b>-20.0%</b>	<b>100%</b>

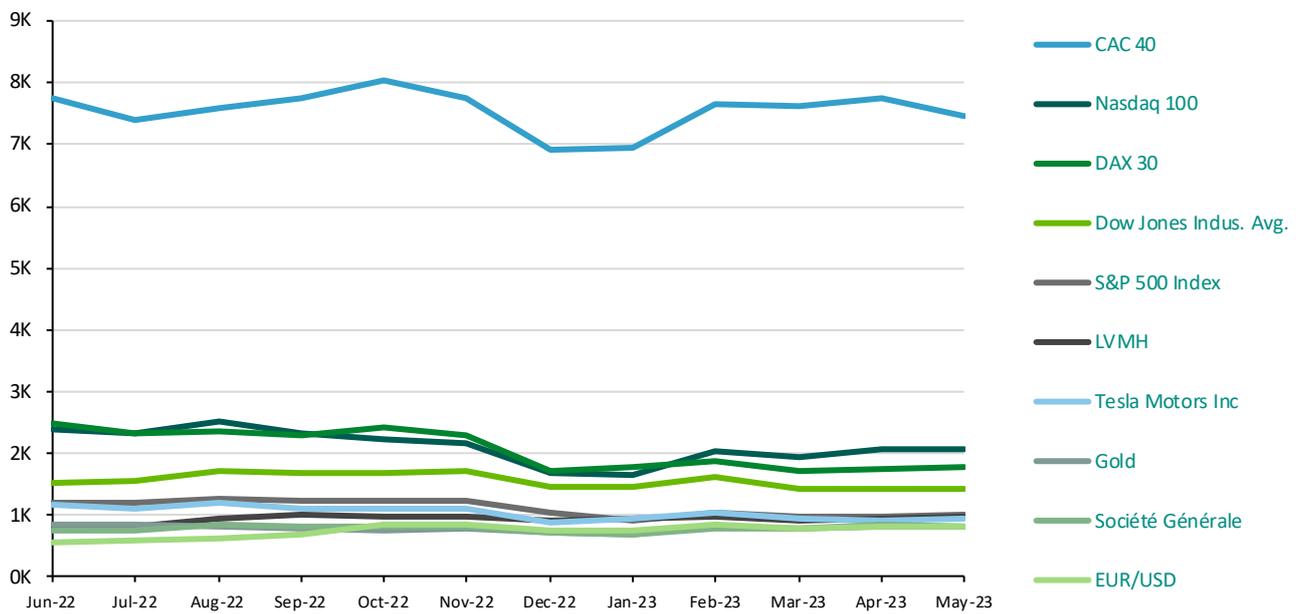
(Source Euronext)



# TOP 10 UNDERLYINGS

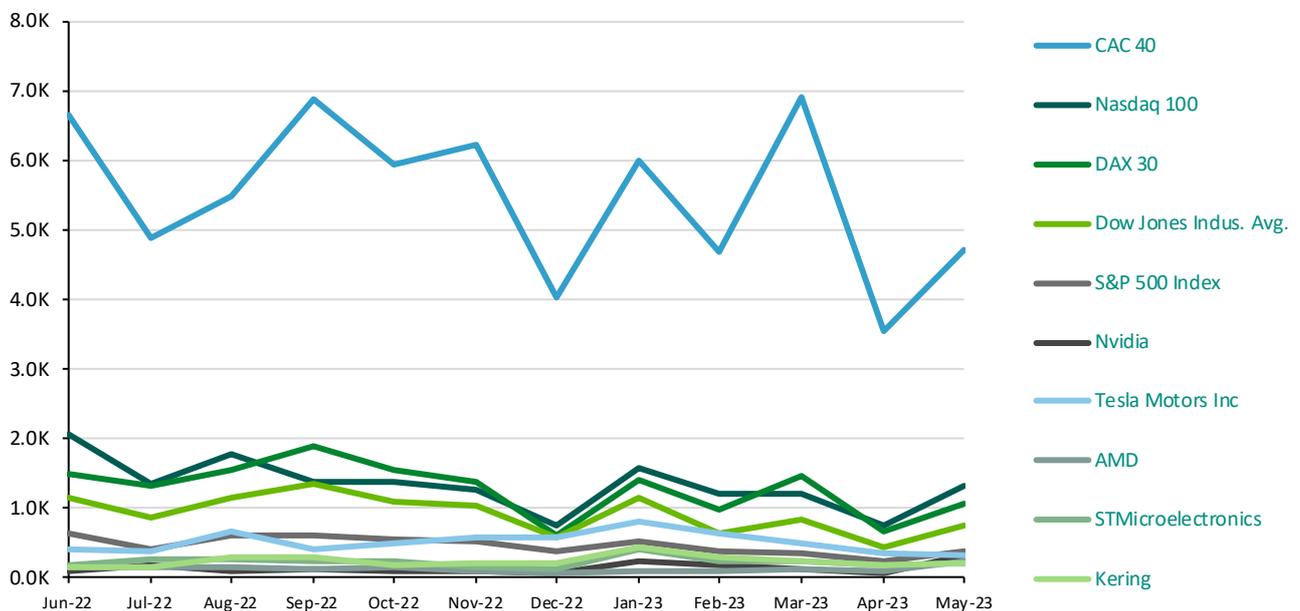
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each top 10 underlying on Euroclear France instruments traded on Euronext's pan-European MTF.



## Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each top 10 underlying on Euroclear France instruments traded on Euronext's pan-European MTF.



# TOP 50 TRADED PRODUCTS

## Top 50 traded products

The table below displays the 50 most traded products (in terms of value traded) on Euroclear France instruments traded on Euronext's pan-European MTF.

ISIN Code	Issuer	Product Type	Underlying	Value Traded (in €k)	Nb of Trades
NLBNPFR1IBC3	BNP Paribas	2100   Warrants	Euro STOXX 50 ETFs	35,752	565
NLBNPFR1IBA7	BNP Paribas	2100   Warrants	Euro STOXX 50 ETFs	12,352	1,383
NLBNPFR1IBB5	BNP Paribas	2100   Warrants	Euro STOXX 50 ETFs	11,316	744
FRBNPP05LV56	BNP Paribas	2300   Constant Leverage Certificate	CAC 40	4,405	79
FRBNPP05KM17	BNP Paribas	2205   Open-End Knock-Out Warrants	CAC 40	4,044	186
FRBNPP05I187	BNP Paribas	2300   Constant Leverage Certificate	BNP Paribas	2,978	141
NL0006454928	BNP Paribas	1300   Tracker Certificates	Gold	2,556	45
FRBNPP05DUG9	BNP Paribas	2205   Open-End Knock-Out Warrants	CAC 40	2,440	422
FRBNPP058TD4	BNP Paribas	2205   Open-End Knock-Out Warrants	Russell 2000	1,519	16
DE000SV2QU15	Société Générale	2205   Open-End Knock-Out Warrants	CAC 40	1,473	120
FRBNPP059CW8	BNP Paribas	2300   Constant Leverage Certificate	CAC 40	1,435	78
DE000SV40UU5	Société Générale	2300   Constant Leverage Certificate	ICE Brent Crude Oil	1,425	30
DE000SV2A4R6	Société Générale	2300   Constant Leverage Certificate	BNP Paribas	1,418	107
FRBNPP059CI7	BNP Paribas	2300   Constant Leverage Certificate	CAC 40	1,300	10
DE000SB2EHS1	Société Générale	2300   Constant Leverage Certificate	CAC 40	1,220	6
FRBNPP01XBW3	BNP Paribas	2300   Constant Leverage Certificate	CAC 40	1,129	106
DE000SV19YR7	Société Générale	2200   Knock-Out Warrants	CAC 40	1,095	128
DE000SQ7X9B7	Société Générale	2205   Open-End Knock-Out Warrants	CAC 40	1,021	102
DE000SV167N4	Société Générale	2300   Constant Leverage Certificate	Volkswagen	1,008	24
DE000SD2STV8	Société Générale	2300   Constant Leverage Certificate	Crédit Agricole	1,000	32
DE000SH3T360	Société Générale	2300   Constant Leverage Certificate	CAC 40	984	265
FRBNPP0586E3	BNP Paribas	1250   Capped Bonus Certificates	Alstom	969	5
FRBNPP04PU70	BNP Paribas	2300   Constant Leverage Certificate	CAC 40	962	94
FRBNPP0588N0	BNP Paribas	1250   Capped Bonus Certificates	Crédit Agricole	962	9
FRBNPP05AT38	BNP Paribas	2300   Constant Leverage Certificate	CAC 40	923	62
DE000SD4TFE7	Société Générale	2205   Open-End Knock-Out Warrants	DAX 30	923	212
DE000SV4ETU4	Société Générale	2300   Constant Leverage Certificate	Société Générale	922	100
DE000SQ70R22	Société Générale	2300   Constant Leverage Certificate	CAC 40	878	329
DE000SQ3LGU5	Société Générale	2300   Constant Leverage Certificate	CAC 40	835	119
NLBNPFR1N464	BNP Paribas	2100   Warrants	CAC 40	783	119
DE000SB2EJB3	Société Générale	2300   Constant Leverage Certificate	CAC 40	777	79
DE000SQ64PX9	Société Générale	2205   Open-End Knock-Out Warrants	Faurecia	757	62
FRBNPP058R20	BNP Paribas	2210   Mini-Futures	Russell 2000	701	28
FRBNPP05K1V8	BNP Paribas	2200   Knock-Out Warrants	DAX 30	699	16
DE000SQ0RGD4	Société Générale	2300   Constant Leverage Certificate	VIX Futures	669	12
DE000SN4YF68	Société Générale	2300   Constant Leverage Certificate	TotalEnergies (ex-Total)	659	83
FRSGE001II24	Société Générale	1250   Capped Bonus Certificates	Ubisoft	657	38
DE000HC5T884	Unicredit	2100   Warrants	Microsoft	645	11
NLBNPFR1RP53	BNP Paribas	2100   Warrants	CAC 40	631	24
NLBNPFR1N522	BNP Paribas	2100   Warrants	DAX 30	619	160
DE000SV4C0E8	Société Générale	2300   Constant Leverage Certificate	Stellantis	618	17
DE000SQ89RL7	Société Générale	2210   Mini-Futures	CAC 40	605	107
DE000KH31RU6	Citi	2100   Warrants	STMicroelectronics	602	115
DE000SQ89KJ6	Société Générale	2205   Open-End Knock-Out Warrants	CAC 40	596	141
DE000KG6H5B4	Citi	2100   Warrants	Orange (ex France Télécom)	596	49
FRBNPP05KGS8	BNP Paribas	2205   Open-End Knock-Out Warrants	CAC 40	550	110
DE000VU1DRT4	Vontobel	2100   Warrants	Airbus	544	30
FRSGE001KUM3	Société Générale	1250   Capped Bonus Certificates	Teleperformance	543	14
NLBNPFR1IB92	BNP Paribas	2100   Warrants	Euro STOXX 50 ETFs	539	16
DE000SN85EC9	Société Générale	2300   Constant Leverage Certificate	Saint-Gobain	535	24

(Source Euronext)



# Euroclear Nederland Instruments

# ISSUERS

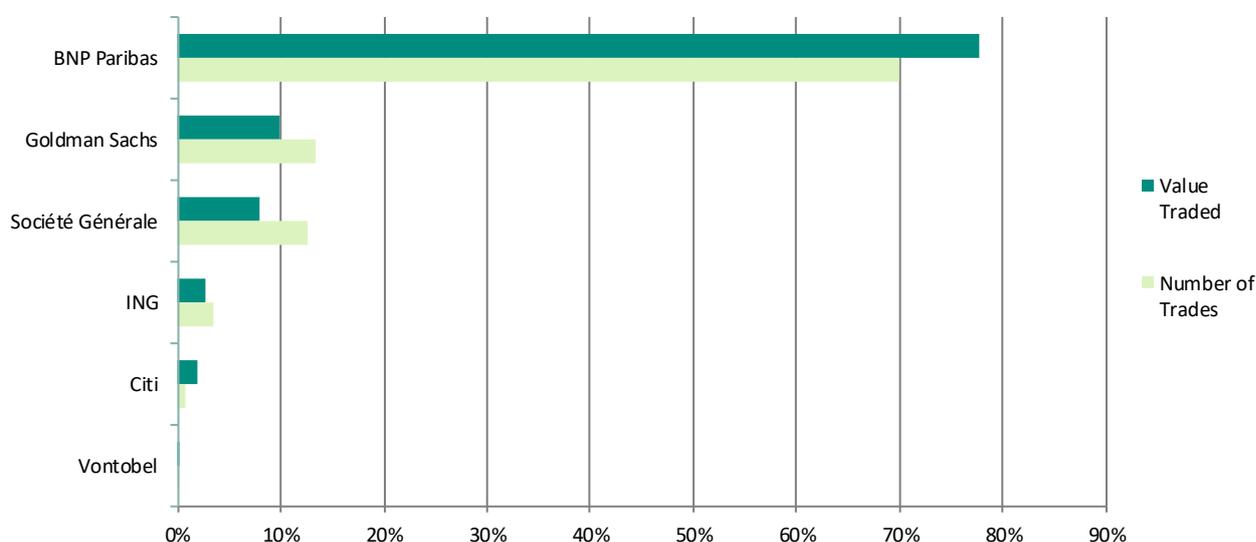
## Market Overview

The table below displays the daily averages of value traded and number of trades per issuer on Euroclear Nederland instruments traded on Euronext's pan-European MTF, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each issuer over the total.

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

Issuers	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
BNP Paribas	4,464	12.7%	-24%	77.7%	1,003	14.5%	-8.8%	69.9%
Goldman Sachs	571	-63%	-59%	9.9%	191	-9.8%	-24.2%	13.3%
Société Générale	452	7.6%	-13.9%	7.9%	181	3.5%	-11.9%	12.6%
ING	158	29%	-35%	2.8%	49	31.0%	-12.1%	3.4%
Citi	103	22%	-43%	1.8%	11	18.9%	-46.5%	0.8%
Vontobel	0		-98%	0.0%	0.1		-95.8%	0.0%
<b>Total</b>	<b>5,749</b>	<b>-6.0%</b>	<b>-29.8%</b>	<b>100%</b>	<b>1,435</b>	<b>9.6%</b>	<b>-12.3%</b>	<b>100%</b>

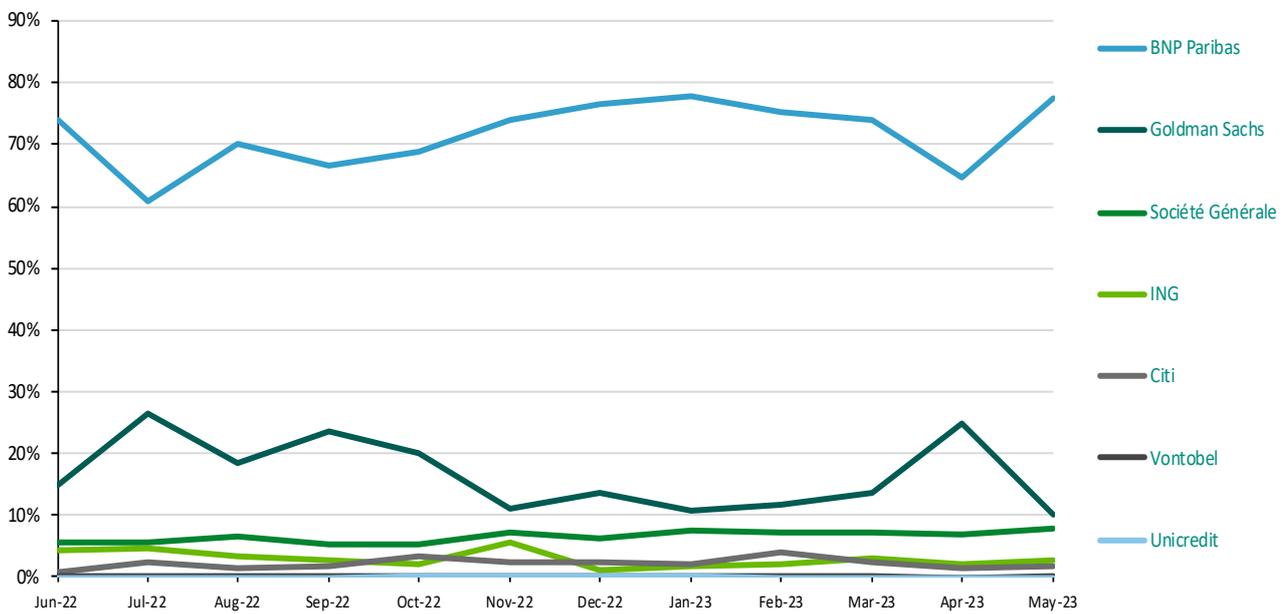
(Source Euronext)



# ISSUERS

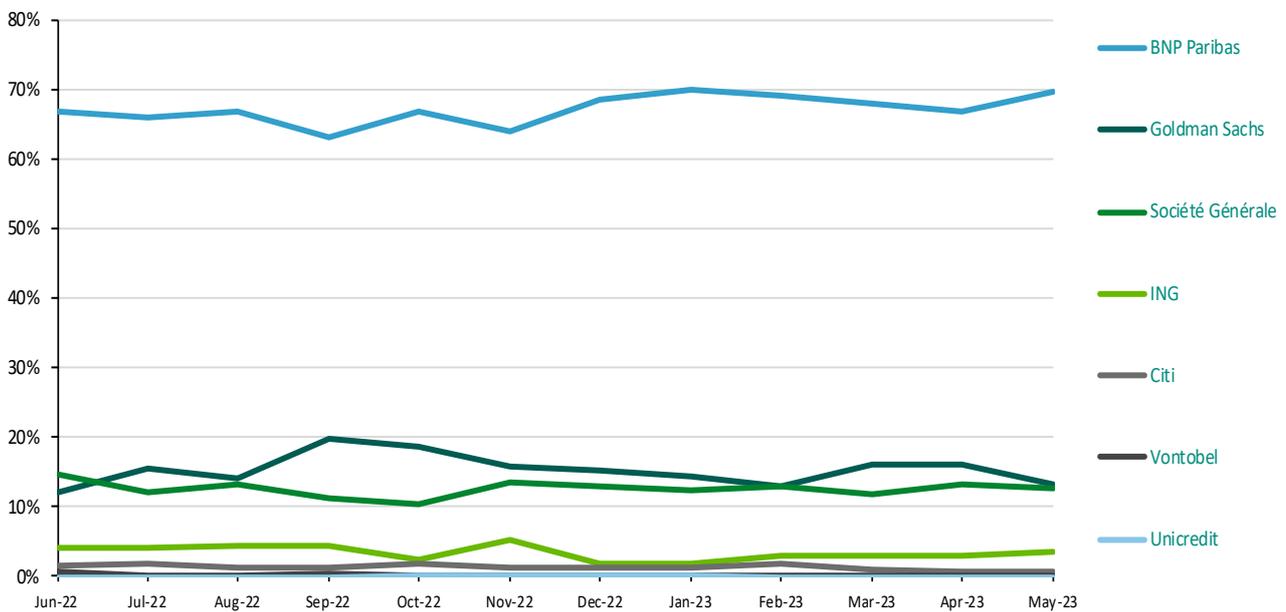
## Market Trend: Value traded

The historical graph below displays the weight of the value traded for each issuer over the total value traded on Euroclear Nederland instruments traded on Euronext’s pan-European MTF.



## Market Trend: Number of trades

The historical graph below displays the weight of the number of trades of each issuer over the total number of trades on Euroclear Nederland instruments traded on Euronext’s pan-European MTF.



# ISSUERS

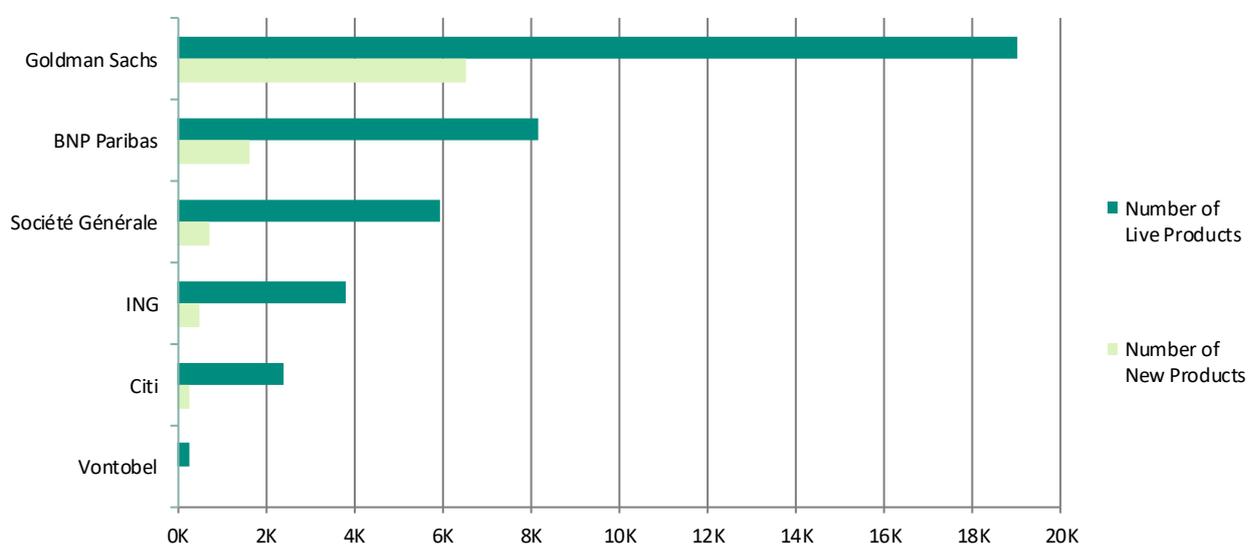
## Product Overview

The table below displays the daily average number of live products and the number of new products per issuer on Euroclear Nederland instruments traded on Euronext's pan-European MTF, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each issuer over the total.

The chart at the bottom of the page represents the number of live products and number of new products for each issuer.

Issuers	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Goldman Sachs	19,038	8.8%	-21%	48.0%	6,548	11.8%	-31%	67.8%
BNP Paribas	8,160	-1.3%	2.8%	20.6%	1,641	74%	-11.4%	17.0%
Société Générale	5,957	-1.5%	-5.6%	15.0%	723	41%	-26%	7.5%
ING	3,812	2.9%	1.6%	9.6%	486	-32%	17.0%	5.0%
Citi	2,418	-1.2%	-17.2%	6.1%	257	0.4%	-25%	2.7%
Vontobel	264	-1.7%	-28%	0.7%	0		-100%	0.0%
<b>Total</b>	<b>39,680</b>	<b>3.7%</b>	<b>-13.3%</b>	<b>100%</b>	<b>9,655</b>	<b>16.6%</b>	<b>-26.9%</b>	<b>100%</b>

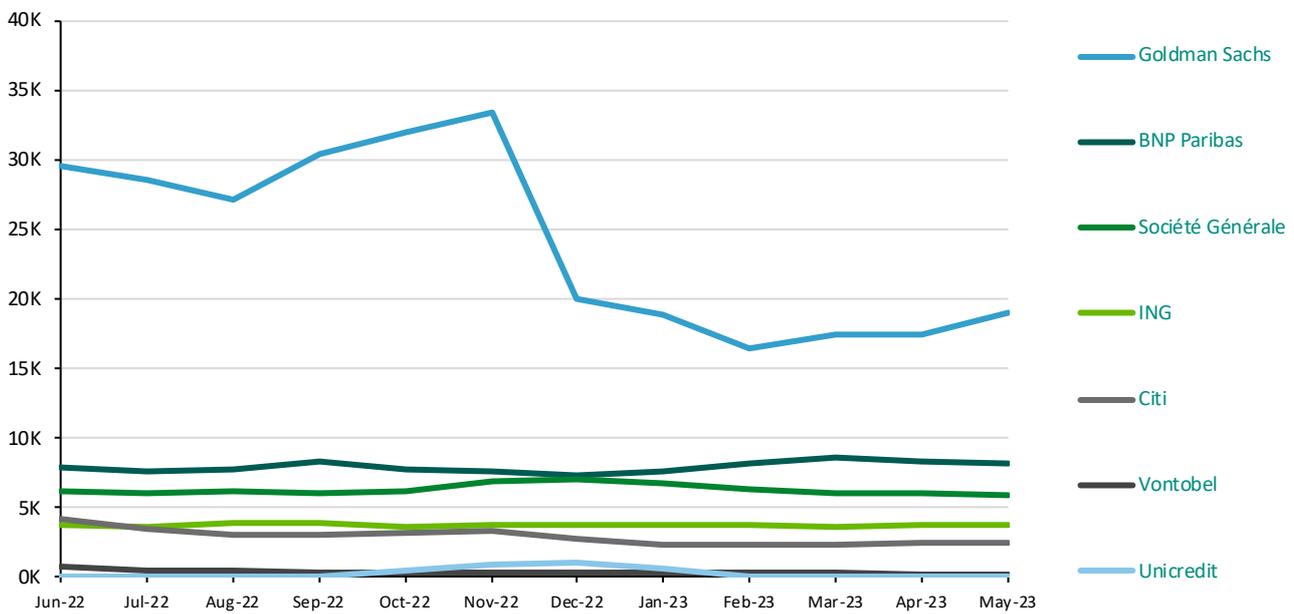
(Source Euronext)



# ISSUERS

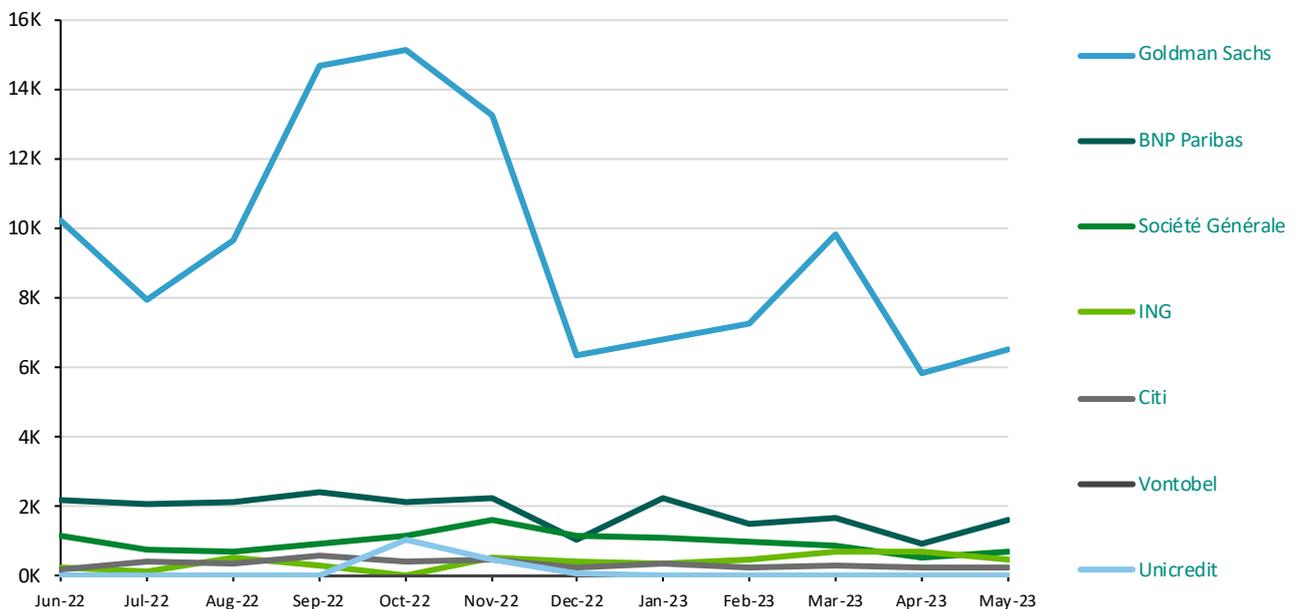
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each issuer on Euroclear Nederland instruments traded on Euronext's pan-European MTF.



## Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each issuer on Euroclear Nederland instruments traded on Euronext's pan-European MTF.



# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 2)

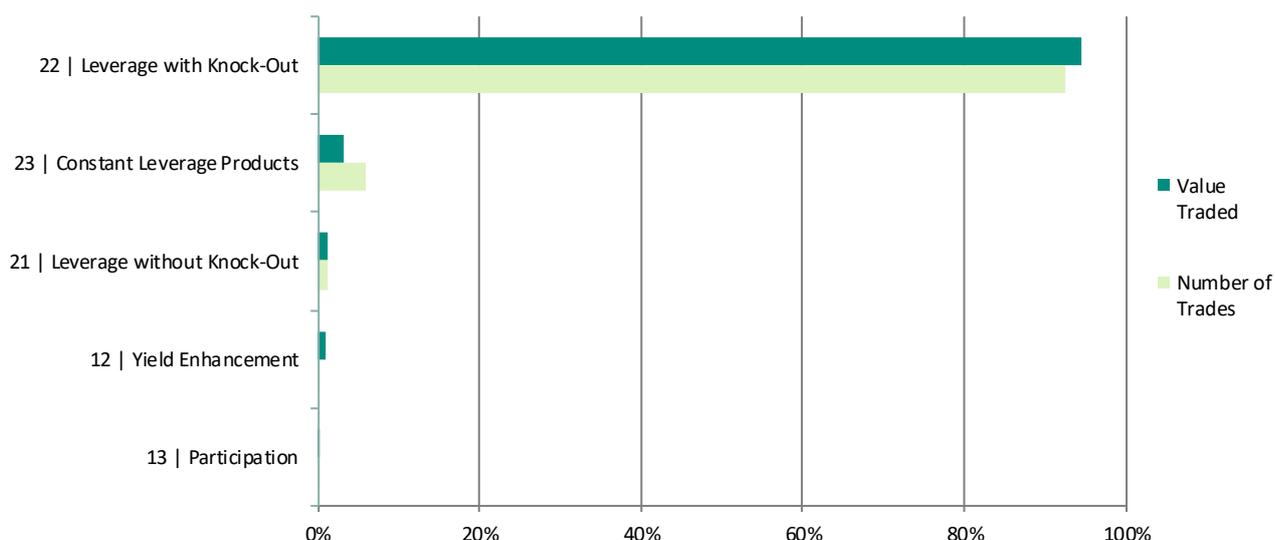
## Market Overview

The table below displays the daily averages of value traded and number of trades per product type (EUSIPA<sup>1</sup> categorization level 2) on Euroclear Nederland instruments traded on Euronext's pan-European MTF, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each product type over the total.

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

Product Types (EUSIPA Categorization Level 2)	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
22   Leverage with Knock-Out	5,429	-6.1%	-27%	94.4%	1,330	11.3%	-10.1%	92.6%
23   Constant Leverage Products	186	-6.8%	-28%	3.2%	85	-9.0%	-10.8%	5.9%
21   Leverage without Knock-Out	69	-30%	-85%	1.2%	18	-8.1%	-70.3%	1.2%
12   Yield Enhancement	51	74%	61%	0.9%	1.6	63.6%	8.1%	0.1%
13   Participation	13	70%	26%	0.2%	1.1	3.3%	5.0%	0.1%
<b>Total</b>	<b>5,749</b>	<b>-6.0%</b>	<b>-29.8%</b>	<b>100%</b>	<b>1,435</b>	<b>9.6%</b>	<b>-12.3%</b>	<b>100%</b>

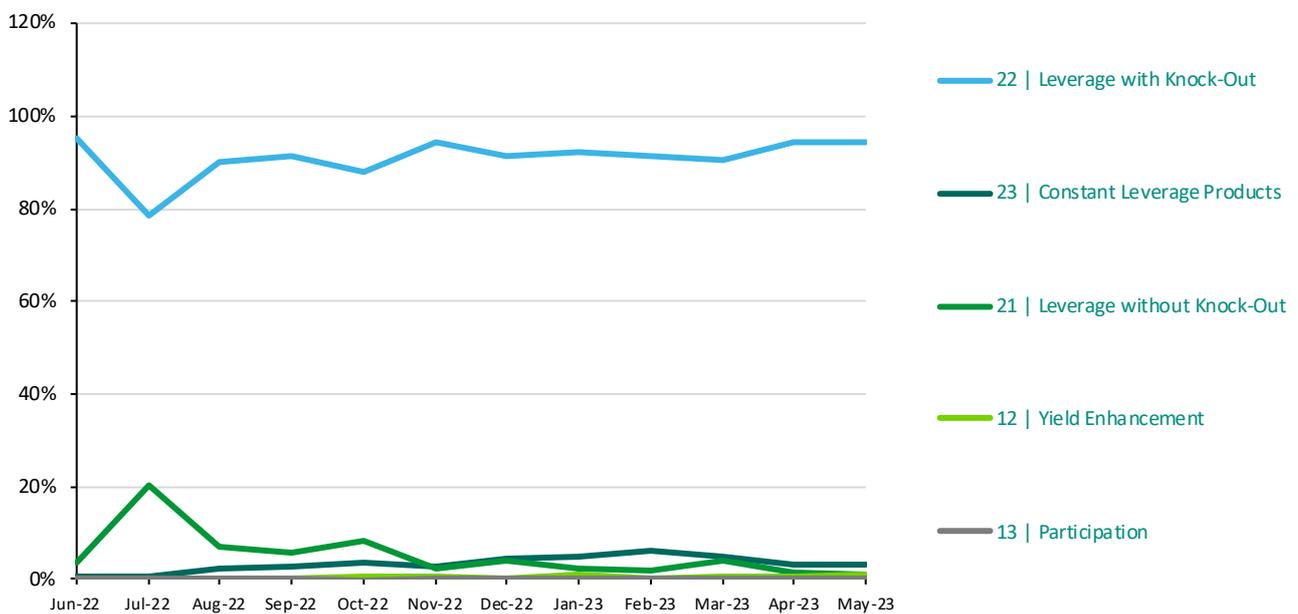
(Source Euronext)



# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 2)

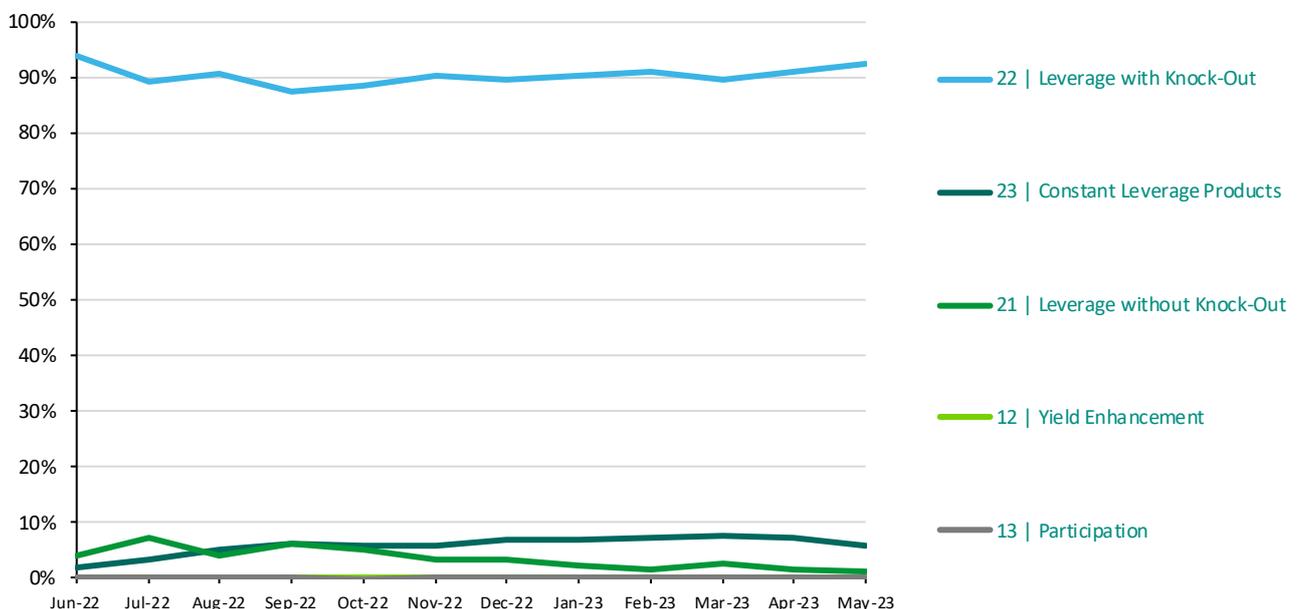
## Market Trend: Value traded

The historical graph below displays the weight of the value traded for each product type over the total value traded on Euroclear Nederland instruments traded on Euronext's pan-European MTF.



## Market Trend: Number of trades

The historical graph below displays the weight of the number of trades of each product type over the total number of trades on Euroclear Nederland instruments traded on Euronext's pan-European MTF.



## PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 2)

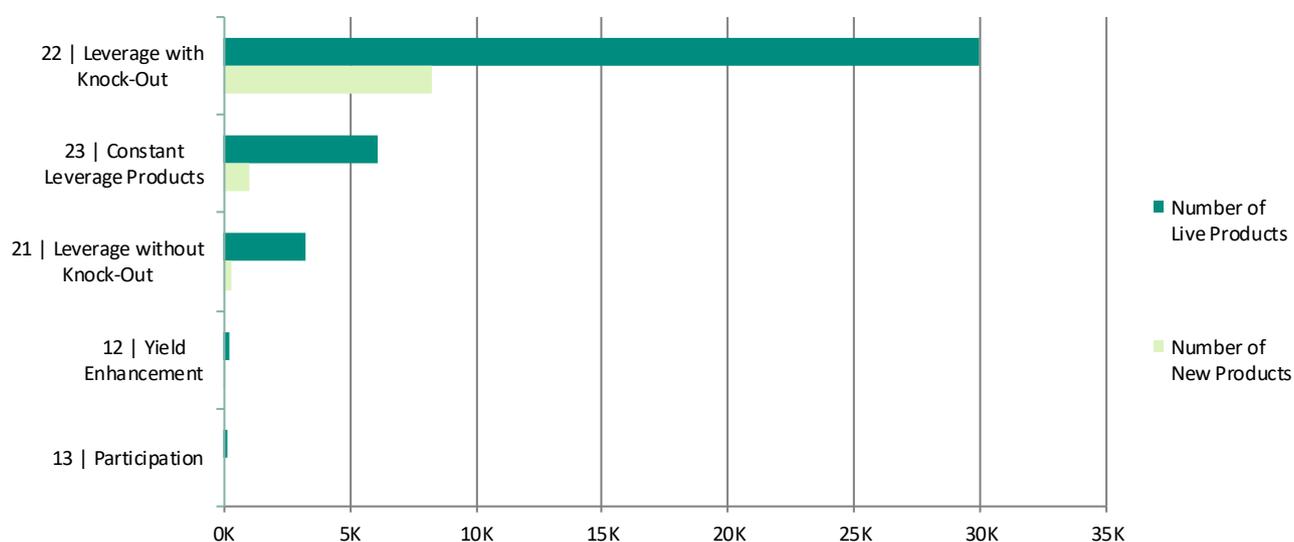
### Product Overview

The table below displays the daily average number of live products and the number of new products per product type (EUSIPA<sup>1</sup> categorization level 2) on Euroclear Nederland instruments traded on Euronext's pan-European MTF, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each product type over the total.

The chart at the bottom of the page represents the number of live products and number of new products for each

Product Types (EUSIPA Categorization Level 2)	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
22   Leverage with Knock-Out	29,932	3.9%	-5.6%	75.4%	8,287	28%	-19.5%	85.8%
23   Constant Leverage Products	6,117	3.1%	14.9%	15.4%	1,025	-26%	-36%	10.6%
21   Leverage without Knock-Out	3,249	2.7%	-61%	8.2%	329	-7.3%	-74%	3.4%
12   Yield Enhancement	242	7.3%	18.9%	0.6%	14	-71%	-46%	0.1%
13   Participation	140	2.2%	-16.8%	0.4%	0	-100%	-100%	0.0%
<b>Total</b>	<b>39,680</b>	<b>3.7%</b>	<b>-13.3%</b>	<b>100%</b>	<b>9,655</b>	<b>16.6%</b>	<b>-26.9%</b>	<b>100%</b>

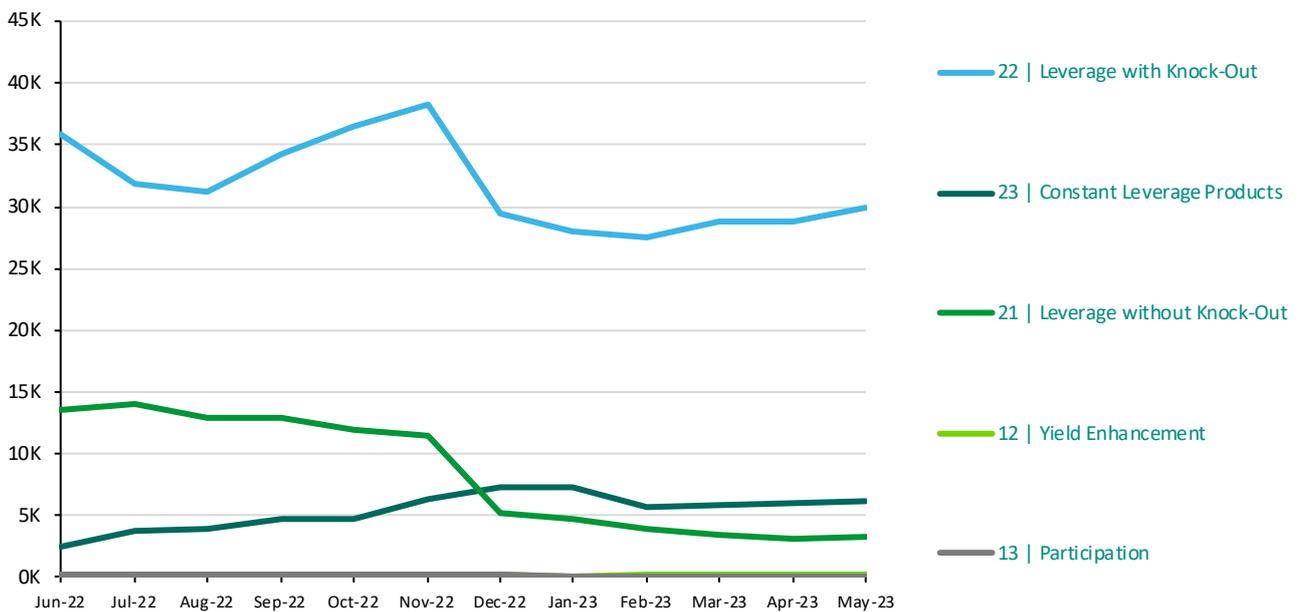
(Source Euronext)



# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 2)

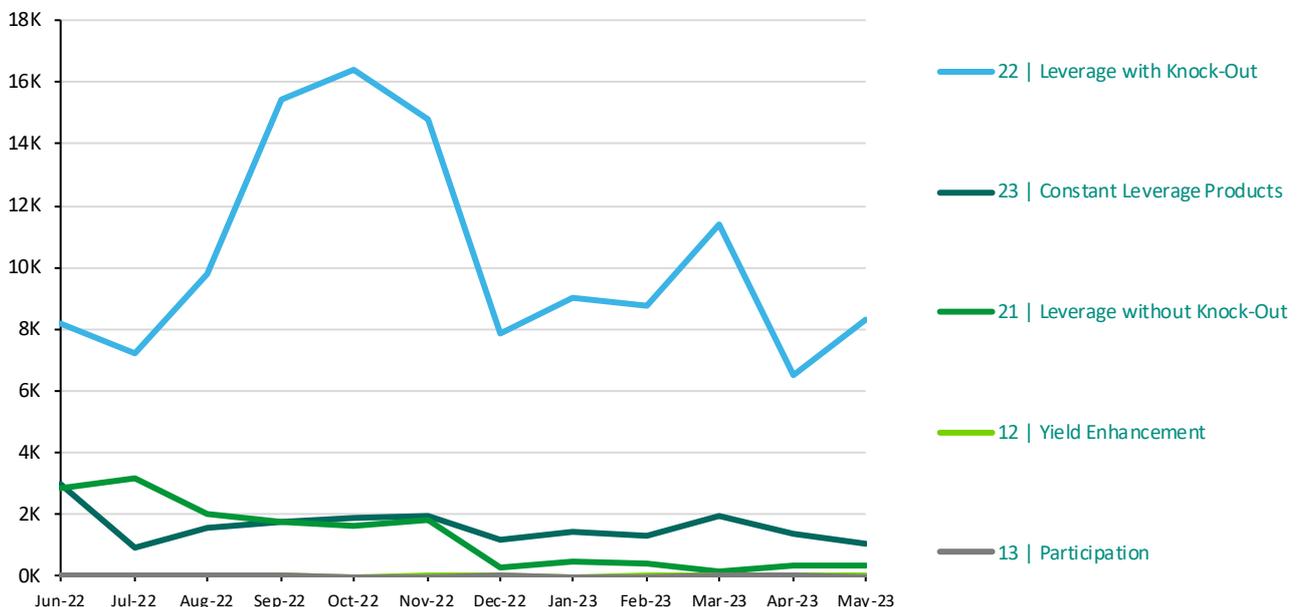
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each product type on Euroclear Nederland instruments traded on Euronext's pan-European MTF.



## Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each product type on Euroclear Nederland instruments traded on Euronext's pan-European MTF.



# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 3)

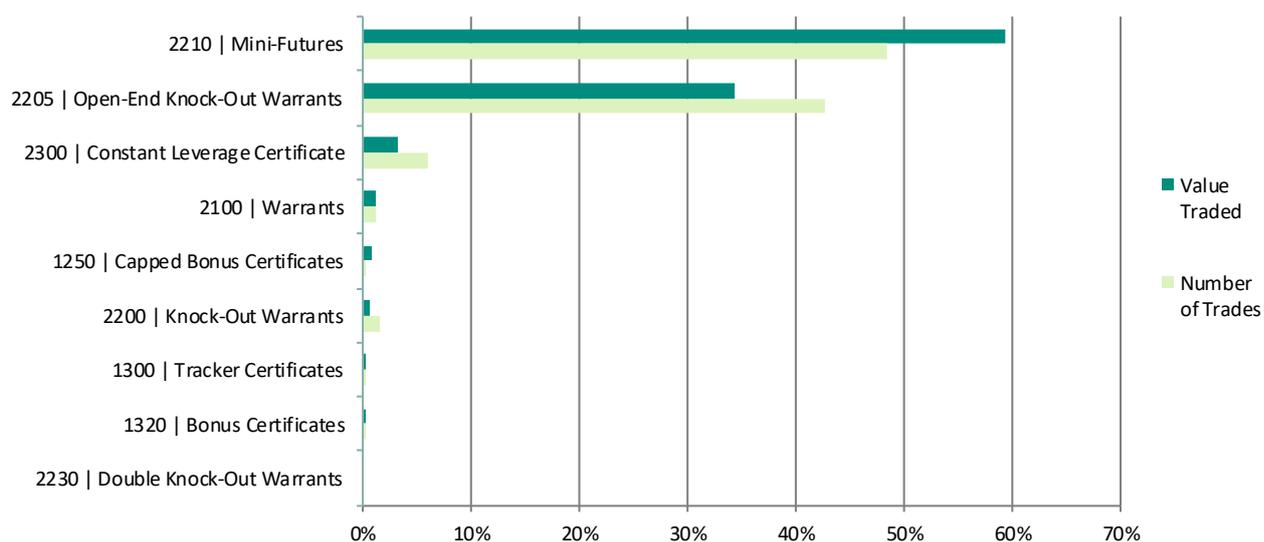
## Market Overview

The table below displays the daily averages of value traded and number of trades per product type (EUSIPA<sup>1</sup> categorization level 3) on Euroclear Nederland instruments traded on Euronext's pan-European MTF, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each product type over the total.

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

Product Types (EUSIPA Categorization Level 3)	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
2210   Mini-Futures	3,413	1.9%	-29%	59.4%	696	19.8%	-18.6%	48.5%
2205   Open-End Knock-Out Warrants	1,979	-16.2%	-21%	34.4%	612	5.4%	1.8%	42.7%
2300   Constant Leverage Certificate	186	-6.8%	-28%	3.2%	85	-9.0%	-10.8%	5.9%
2100   Warrants	69	-30%	-85%	1.2%	18	-8.1%	-70%	1.2%
1250   Capped Bonus Certificates	51	74%	61%	0.9%	1.6	64%	8.1%	0.1%
2200   Knock-Out Warrants	37	-46%	-55%	0.6%	21	-36%	-4.8%	1.5%
1300   Tracker Certificates	12	51%	21%	0.2%	1.0	-5.3%	2.8%	0.1%
1320   Bonus Certificates	1		87%	0.0%	0.1		37%	0.0%
2230   Double Knock-Out Warrants	0		-100%	0.0%	0.0		-100%	0.0%
<b>Total</b>	<b>5,749</b>	<b>-6.0%</b>	<b>-30%</b>	<b>100%</b>	<b>1,435</b>	<b>9.6%</b>	<b>-12.3%</b>	<b>100%</b>

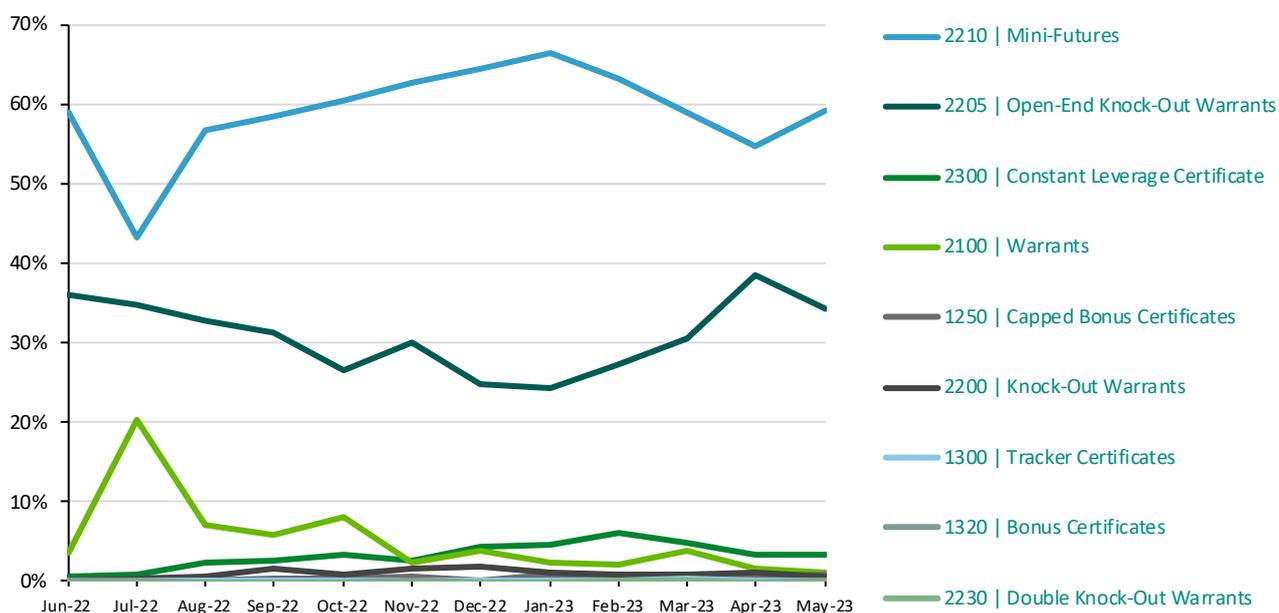
(Source Euronext)



# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 3)

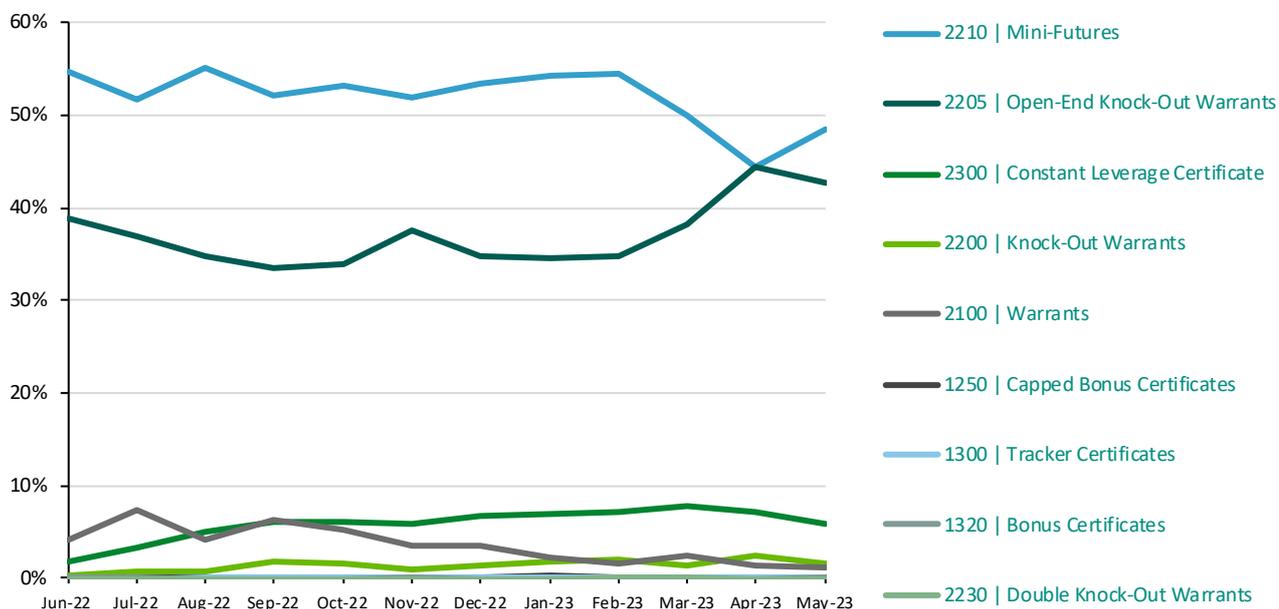
## Market Trend: Value traded

The historical graph below displays the weight of the value traded for each product type over the total value traded on Euroclear Nederland instruments traded on Euronext's pan-European MTF.



## Market Trend: Number of trades

The historical graph below displays the weight of the number of trades of each product type over the total number of trades on Euroclear Nederland instruments traded on Euronext's pan-European MTF.



# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 3)

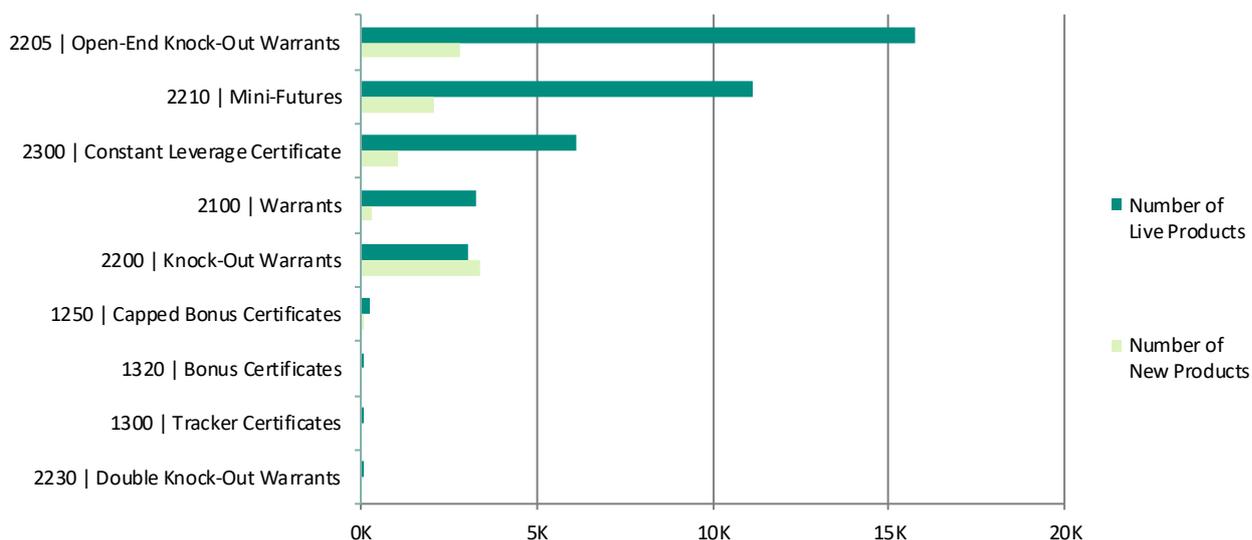
## Product Overview

The table below displays the daily average number of live products and the number of new products per product type (EUSIPA<sup>1</sup> categorization level 3) on Euroclear Nederland instruments traded on Euronext’s pan-European MTF, as well as the variation over the previous month, over the last 12 months’ monthly average and the weight of each product type over the total.

The chart at the bottom of the page represents the number of live products and number of new products for each

Product Types (EUSIPA Categorization Level 3)	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
2205   Open-End Knock-Out Warrants	15,745	2.6%	-5.1%	39.7%	2,791	15.6%	-30%	28.9%
2210   Mini-Futures	11,112	2.5%	-14.3%	28.0%	2,104	21%	-38%	21.8%
2300   Constant Leverage Certificate	6,117	3.1%	14.9%	15.4%	1,025	-26%	-36%	10.6%
2100   Warrants	3,249	2.7%	-61%	8.2%	329	-7.3%	-74%	3.4%
2200   Knock-Out Warrants	3,073	17.7%	46%	7.7%	3,392	46%	16.8%	35.1%
1250   Capped Bonus Certificates	242	7.3%	18.9%	0.6%	14	-71%	-46%	0.1%
1320   Bonus Certificates	82	4.3%	-18.6%	0.2%	0	-100%	-100%	0.0%
1300   Tracker Certificates	58	-0.5%	-14.2%	0.1%	0		-100%	0.0%
2230   Double Knock-Out Warrants	2	-86%	-93%	0.0%	0		-100%	0.0%
<b>Total</b>	<b>39,680</b>	<b>3.7%</b>	<b>-13.3%</b>	<b>100%</b>	<b>9,655</b>	<b>16.6%</b>	<b>-27%</b>	<b>100%</b>

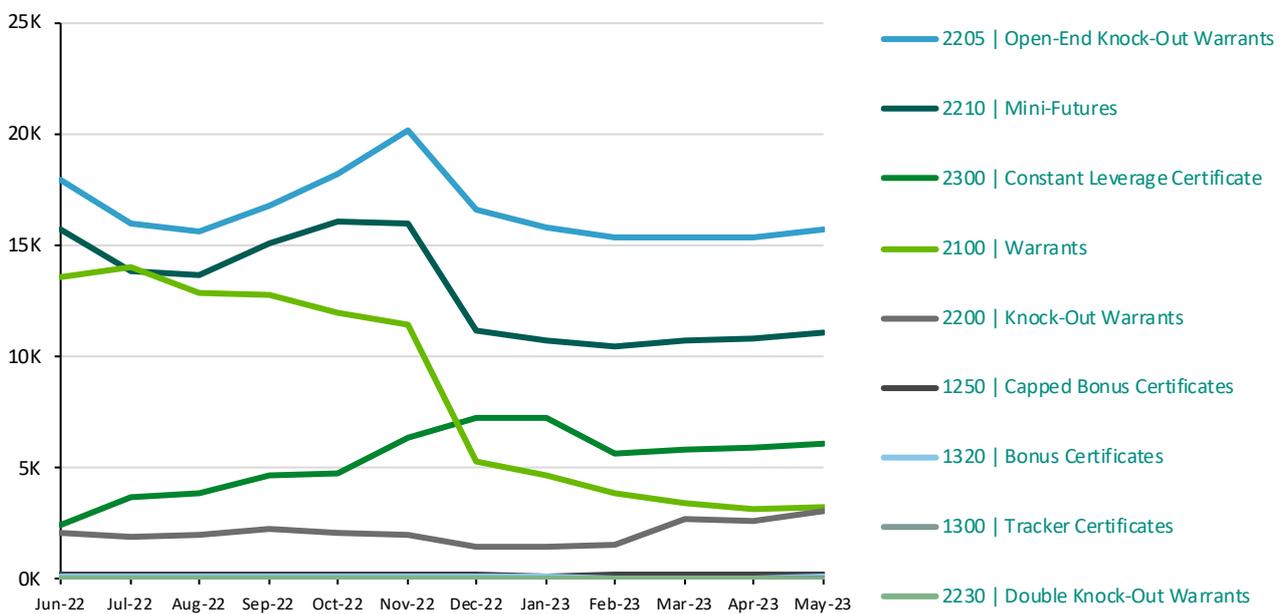
(Source Euronext)



# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 3)

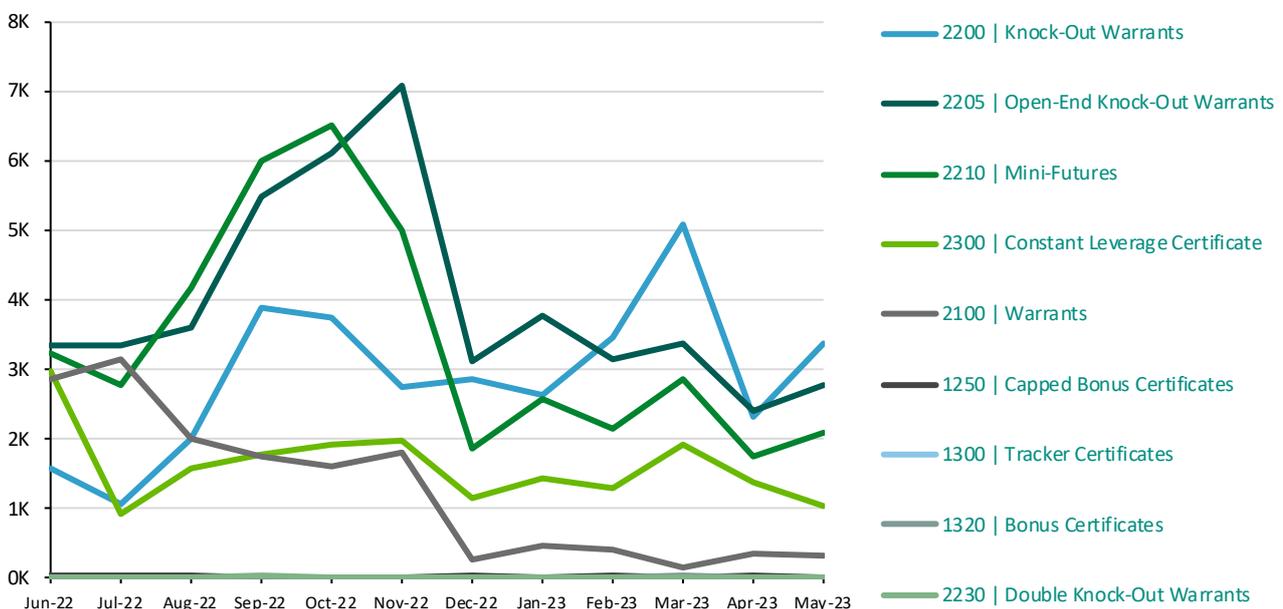
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each product type on Euroclear Nederland instruments traded on Euronext's pan-European MTF.



## Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each product type on Euroclear Nederland instruments traded on Euronext's pan-European MTF.



# PRODUCT STRATEGIES

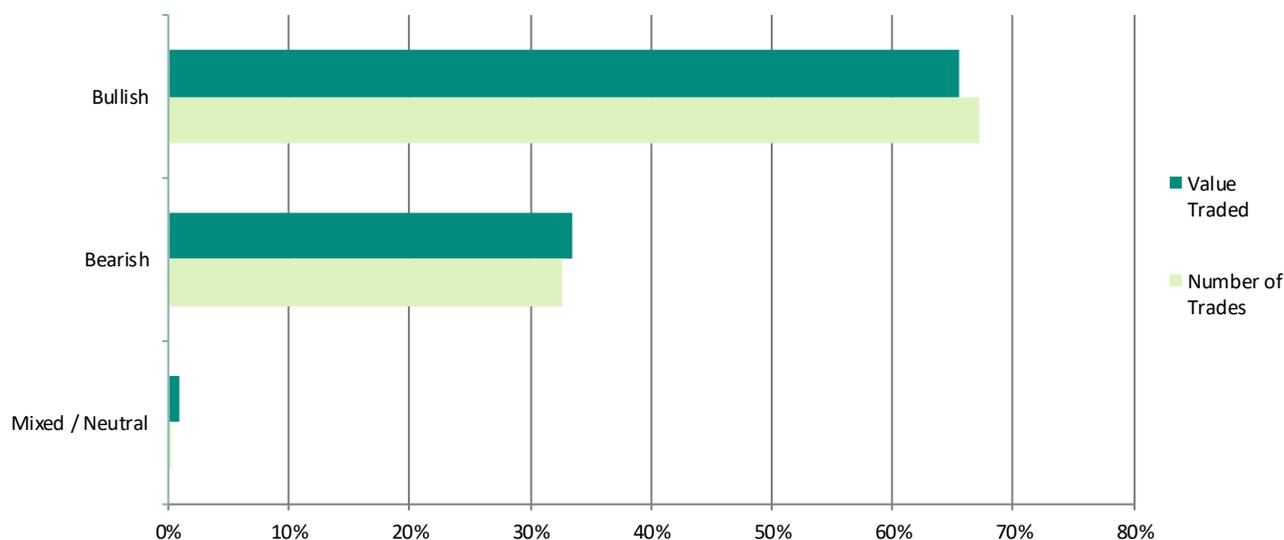
## Market Overview

The table below displays the daily averages of value traded and number of trades per product strategy on Euroclear Nederland instruments traded on Euronext's pan-European MTF, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each product strategy over the total.

The chart at the bottom of the page represents the weight of each product strategy in terms of value traded and number of trades.

Product Strategies	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
Bullish	3,771	-15.5%	-29%	65.6%	965	6.7%	-14.1%	67.3%
Bearish	1,927	18.8%	-33%	33.5%	468	16.0%	-8.3%	32.6%
Mixed / Neutral	51	74%	61%	0.9%	1.6	64%	7.6%	0.1%
Total	5,749	-6.0%	-29.8%	100%	1,435	9.6%	-12.3%	100%

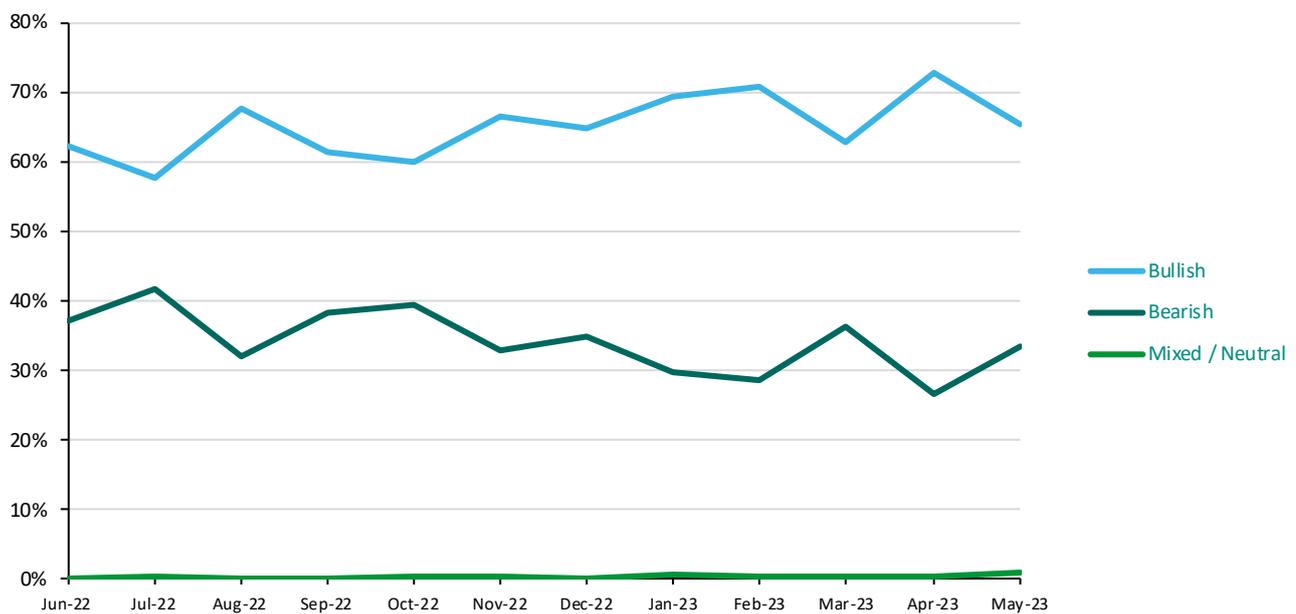
(Source Euronext)



# PRODUCT STRATEGIES

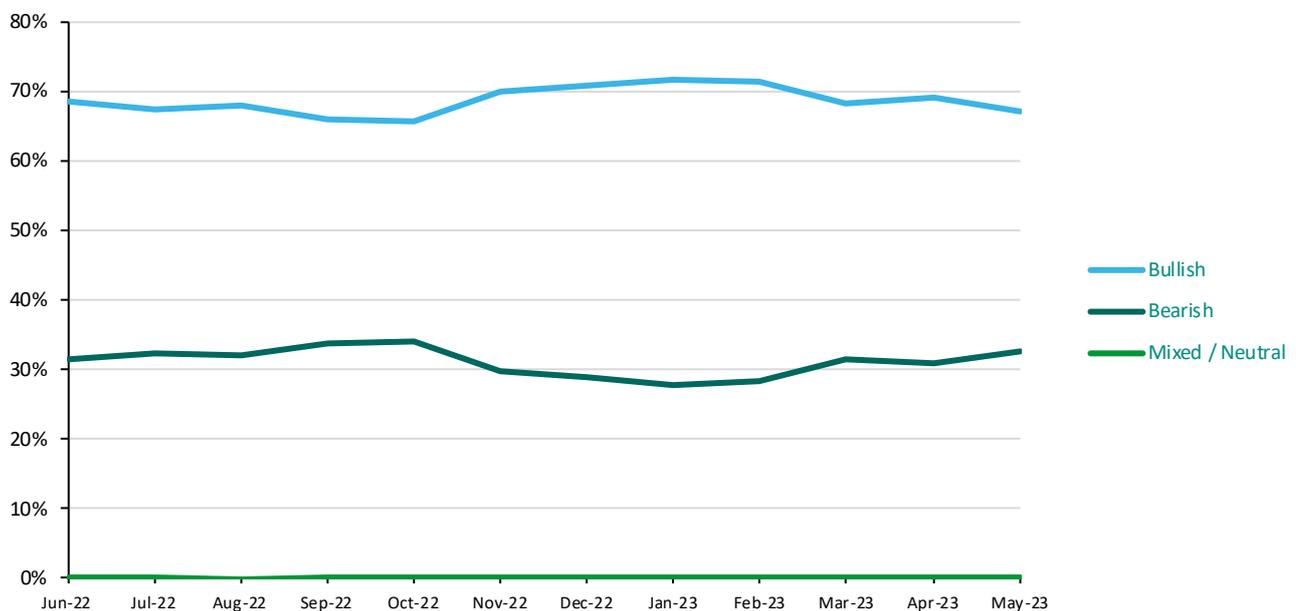
## Market Trend: Value traded

The historical graph below displays the weight of the value traded for each product type over the total value traded on Euroclear Nederland instruments traded on Euronext's pan-European MTF.



## Market Trend: Number of trades

The historical graph below displays the weight of the number of trades of each product type over the total number of trades on Euroclear Nederland instruments traded on Euronext's pan-European MTF.



# PRODUCT STRATEGIES

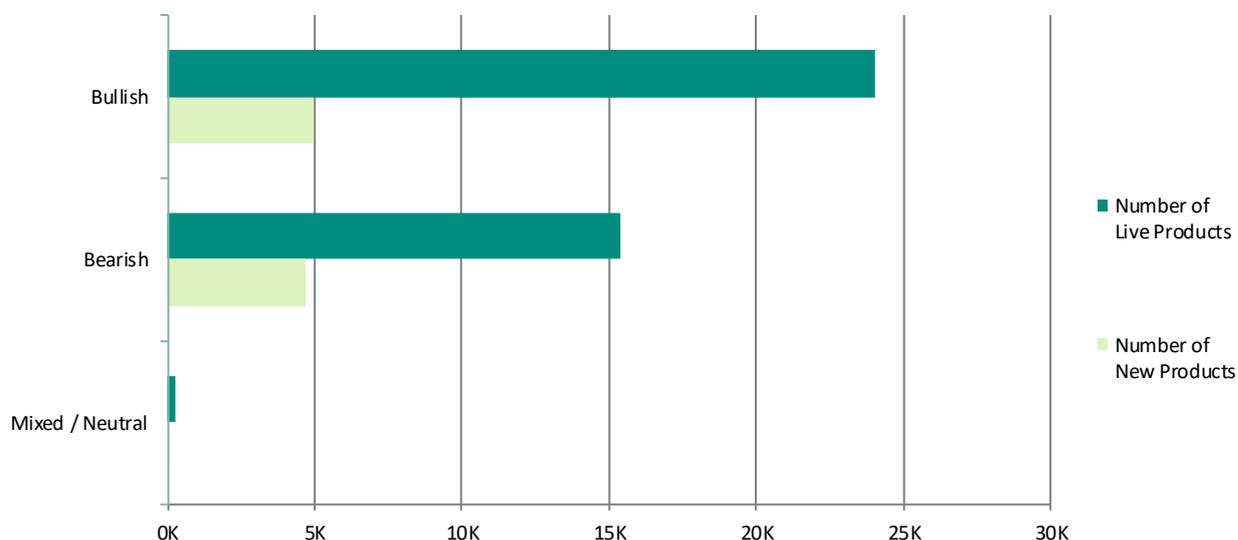
## Product Overview

The table below displays the daily average number of live products and the number of new products per product strategy on Euroclear Nederland instruments traded on Euronext's pan-European MTF, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each product strategy over the total.

The chart at the bottom of the page represents the number of live products and number of new products for each product strategy.

Strategies	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Bullish	24,044	2.3%	-9.0%	60.6%	4,926	11.7%	-29%	51.0%
Bearish	15,392	5.9%	-19.4%	38.8%	4,715	23%	-24%	48.8%
Mixed / Neutral	244	2.2%	6.8%	0.6%	14	-71%	-55%	0.1%
Total	39,680	3.7%	-13.3%	100%	9,655	16.6%	-26.9%	100%

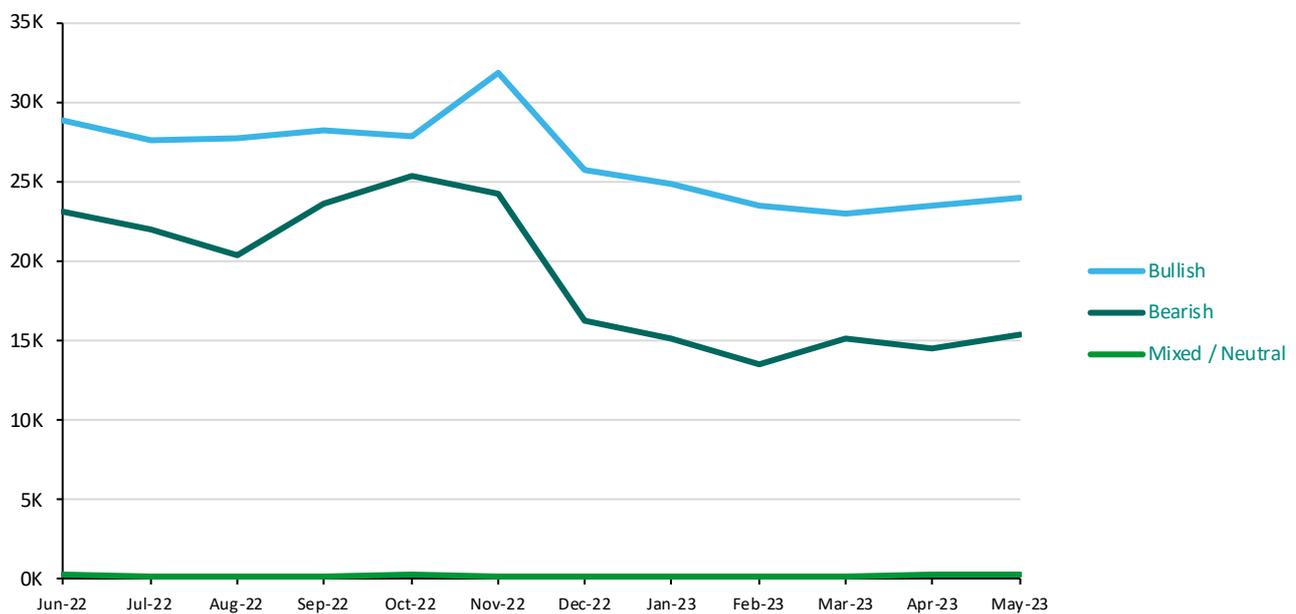
(Source Euronext)



# PRODUCT STRATEGIES

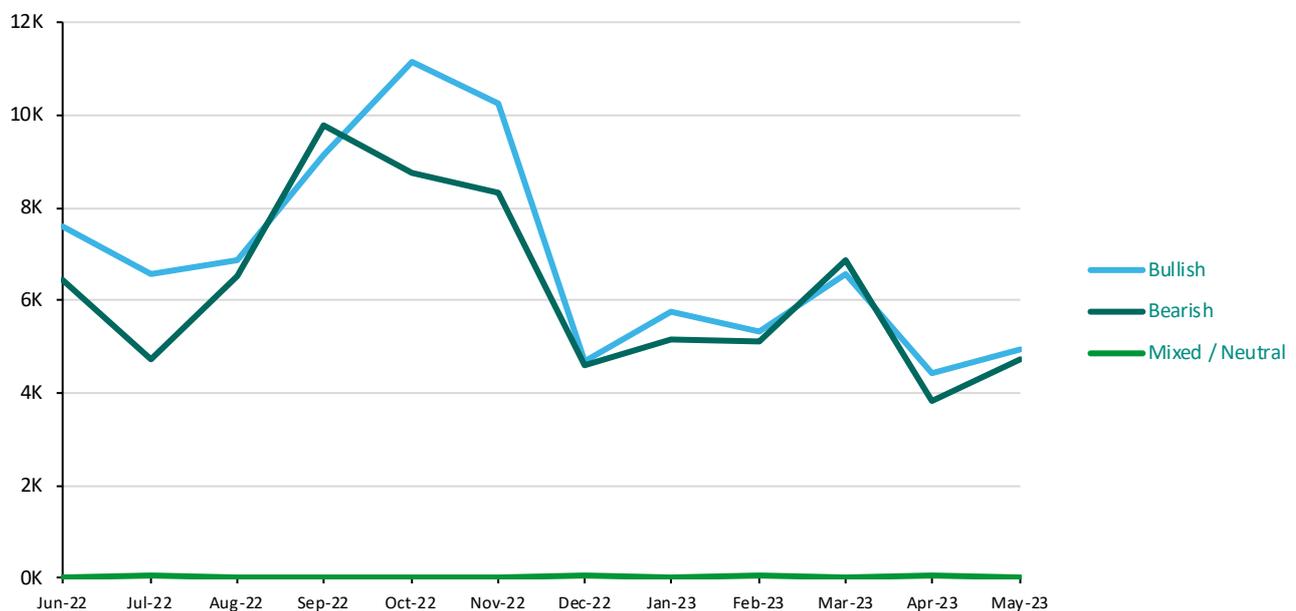
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each product type on Euroclear Nederland instruments traded on Euronext's pan-European MTF.



## Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each product type on Euroclear Nederland instruments traded on Euronext's pan-European MTF.



# UNDERLYING TYPES

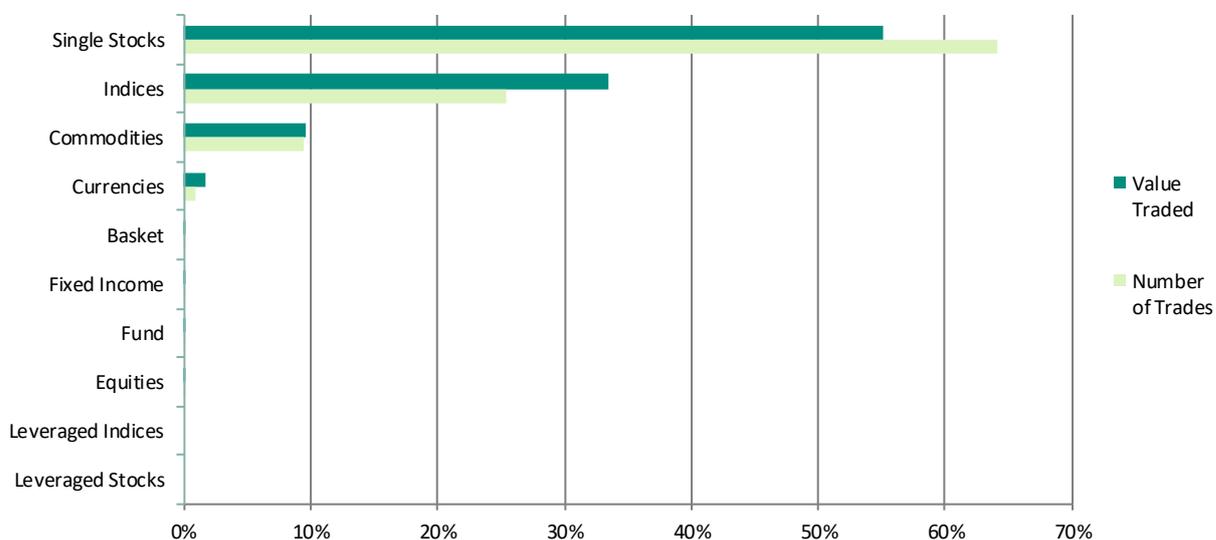
## Market Overview

The table below displays the daily averages of value traded and number of trades per underlying type on Euroclear Nederland instruments traded on Euronext's pan-European MTF, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each underlying type over the total.

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

Underlying Types	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
Single Stocks	3,165	21%	-7.5%	55.1%	920	18.5%	1.5%	64.1%
Indices	1,922	25%	-48%	33.4%	365	2.8%	-34.6%	25.5%
Commodities	551	-70%	-38%	9.6%	135	-14.9%	-4.3%	9.4%
Currencies	95	-2.5%	-48%	1.7%	13	-21.4%	-49.5%	0.9%
Basket	10	57%	71%	0.2%	0.7	9.1%	36.4%	0.1%
Fixed Income	4	722%	-50%	0.1%	0.8	-18.2%	-63.6%	0.1%
Fund	1	-88%	-29%	0.0%	0.1	-89.8%	1.6%	0.0%
Equities	0	102%	-48%	0.0%	0.3	63.6%	0.1%	0.0%
Leveraged Indices	0		-100%	0.0%	0.0		-100.0%	0.0%
Leveraged Stocks	0		-100%	0.0%	0.0		-100.0%	0.0%
<b>Total</b>	<b>5,749</b>	<b>-6.0%</b>	<b>-29.8%</b>	<b>100%</b>	<b>1,435</b>	<b>9.6%</b>	<b>-12.3%</b>	<b>100%</b>

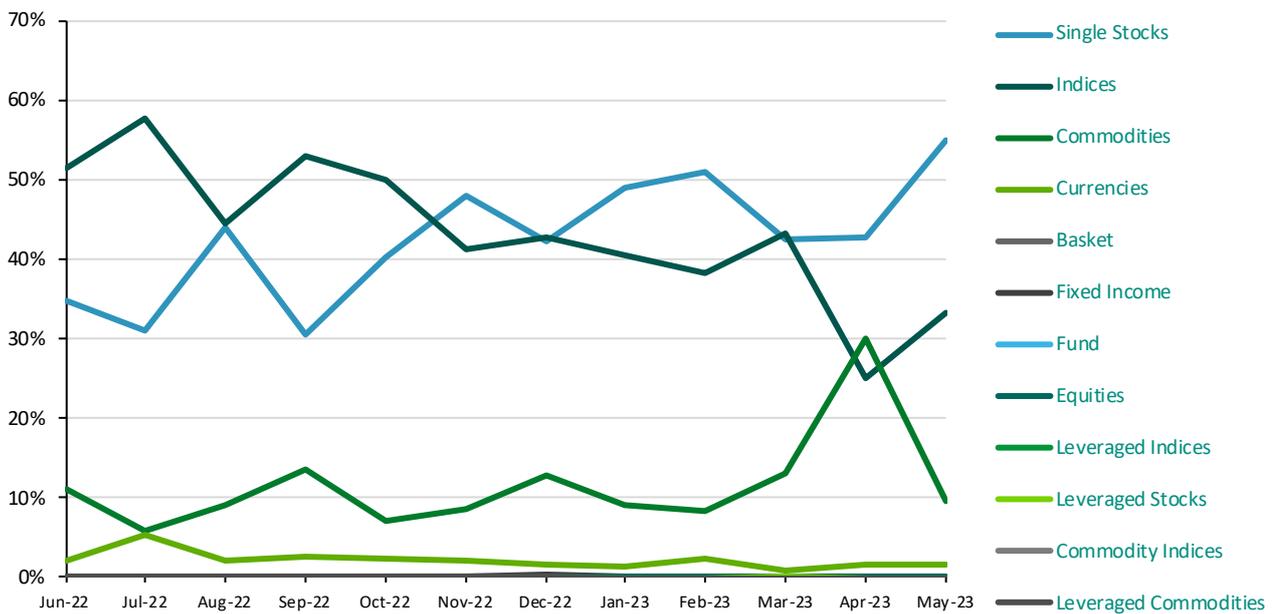
(Source Euronext)



# UNDERLYING TYPES

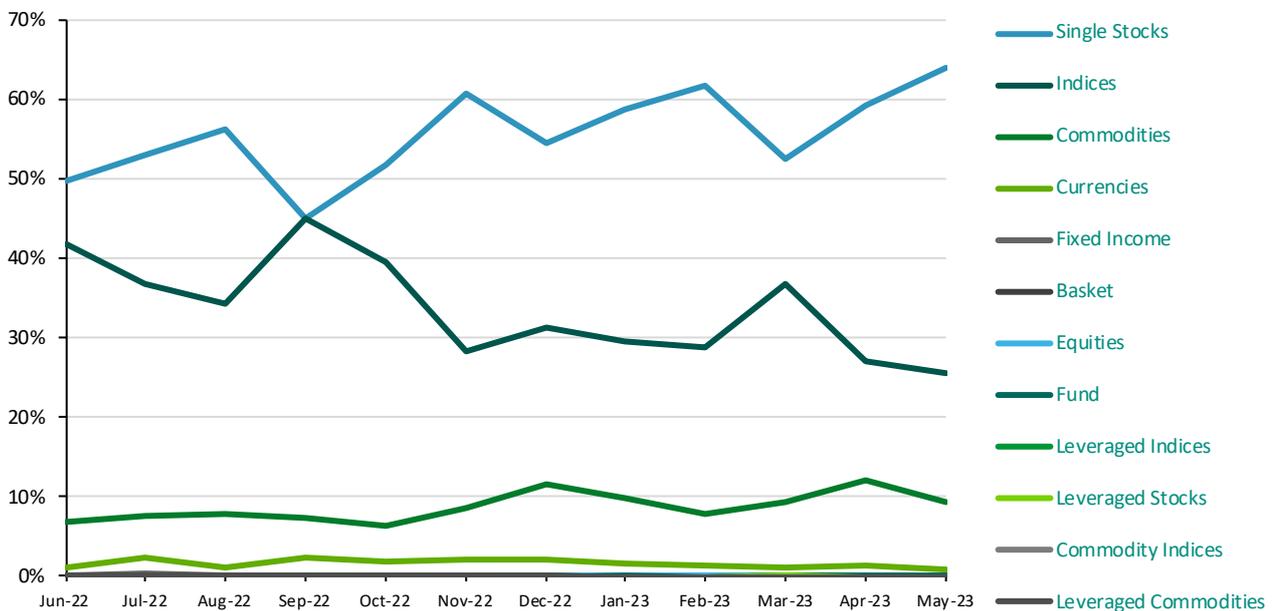
## Market Trend: Value traded

The historical graph below displays the weight of the value traded for each underlying type over the total value traded on Euroclear Nederland instruments traded on Euronext's pan-European MTF.



## Market Trend: Number of trades

The historical graph below displays the weight of the number of trades of each underlying type over the total number of trades on Euroclear Nederland instruments traded on Euronext's pan-European MTF.



# UNDERLYING TYPES

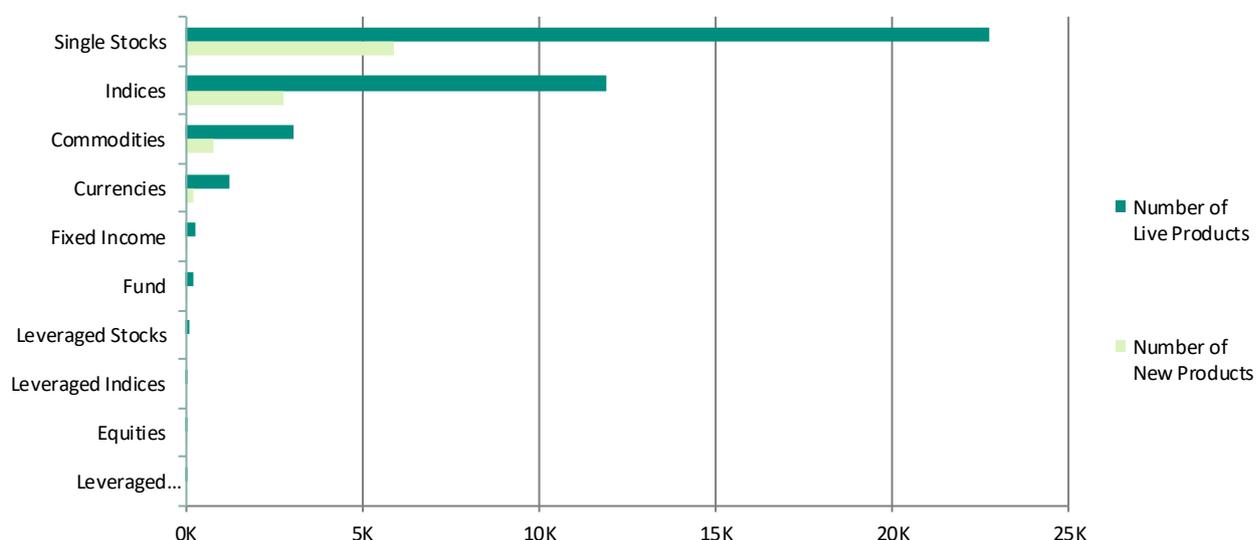
## Product Overview

The table below displays the daily average number of live products and the number of new products per underlying type on Euroclear Nederland instruments traded on Euronext's pan-European MTF, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each underlying type over the total.

The chart at the bottom of the page represents the number of live products and number of new products for each underlying type.

Underlying Types	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Single Stocks	22,762	2.8%	-12.7%	57.4%	5,868	15.9%	-20%	60.8%
Indices	11,935	5.0%	-23%	30.1%	2,782	75%	-43%	28.8%
Commodities	3,034	6.5%	24%	7.6%	772	-46%	5.0%	8.0%
Currencies	1,237	2.8%	16.8%	3.1%	217	22%	-6.0%	2.2%
Fixed Income	277	0.6%	0.7%	0.7%	5	0.0%	-72%	0.1%
Fund	197	2.2%	9.2%	0.5%	5	25%	88%	0.1%
Leveraged Stocks	88	0.0%	-13.0%	0.2%	0		-100%	0.0%
Leveraged Indices	70	-2.5%	-23%	0.2%	0			0.0%
Equities	45	-0.4%	-43%	0.1%	6	20.0%	-73%	0.1%
Leveraged Commodities	22	-1.5%	-39%	0.1%	0			0.0%
<b>Total</b>	<b>39,680</b>	<b>3.7%</b>	<b>-13.3%</b>	<b>100%</b>	<b>9,655</b>	<b>16.6%</b>	<b>-26.9%</b>	<b>100%</b>

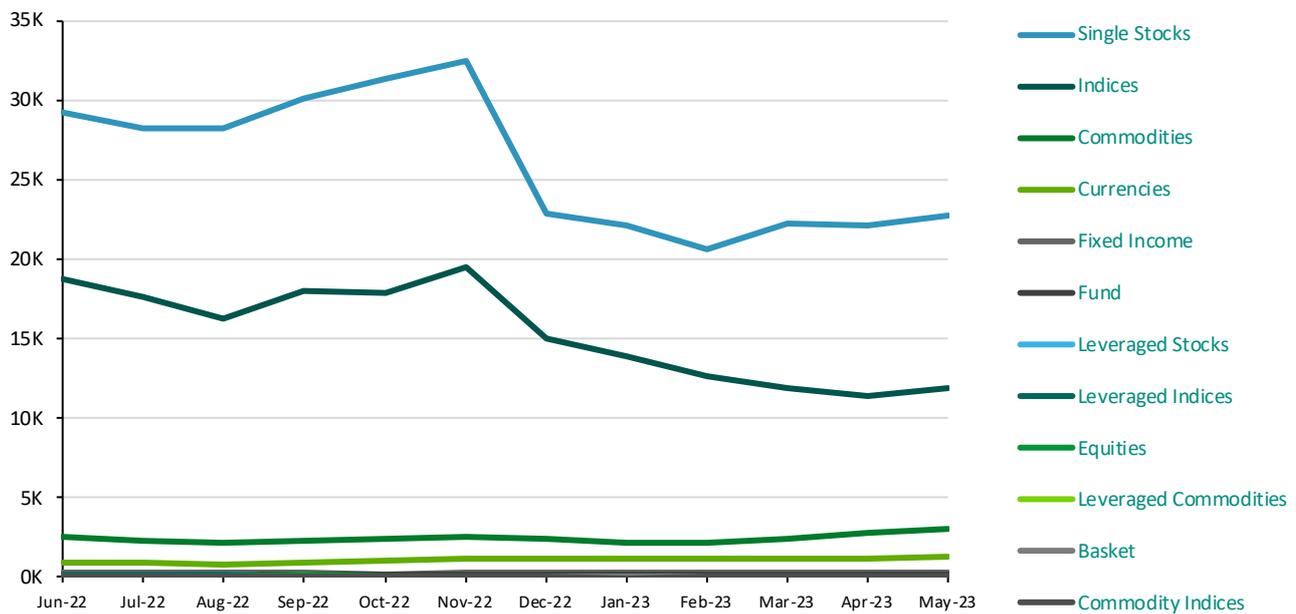
(Source Euronext)



# UNDERLYING TYPES

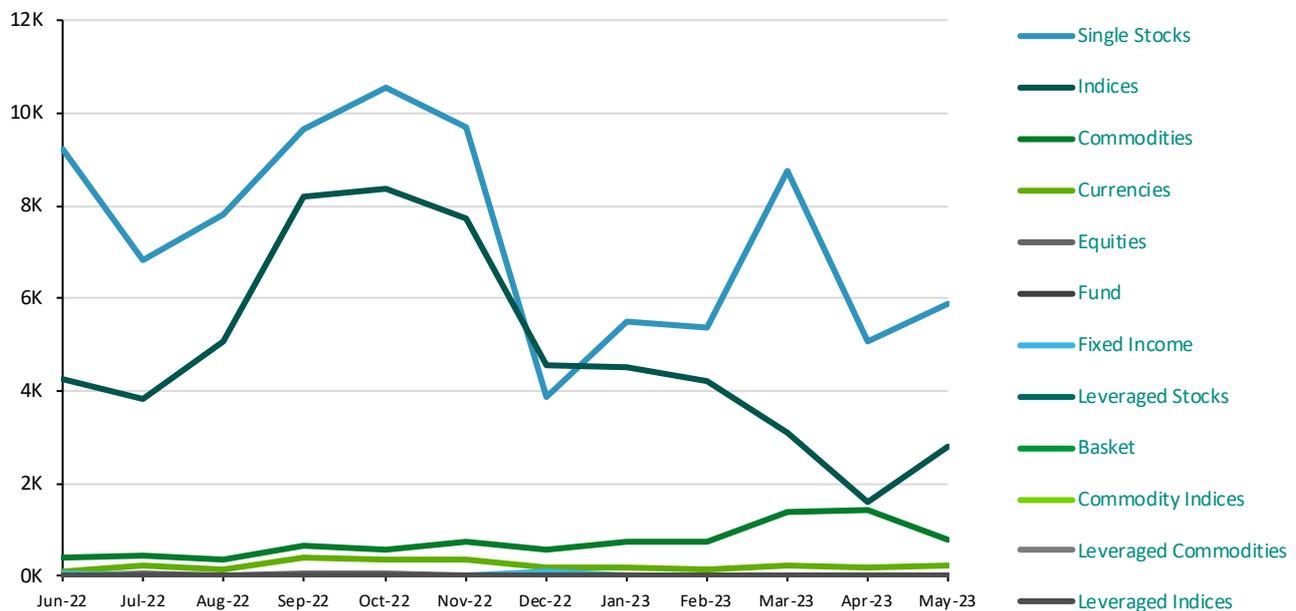
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each underlying type on Euroclear Nederland instruments traded on Euronext’s pan-European MTF.



## Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each underlying type on Euroclear Nederland instruments traded on Euronext’s pan-European MTF.



# TOP 10 UNDERLYING COUNTRIES

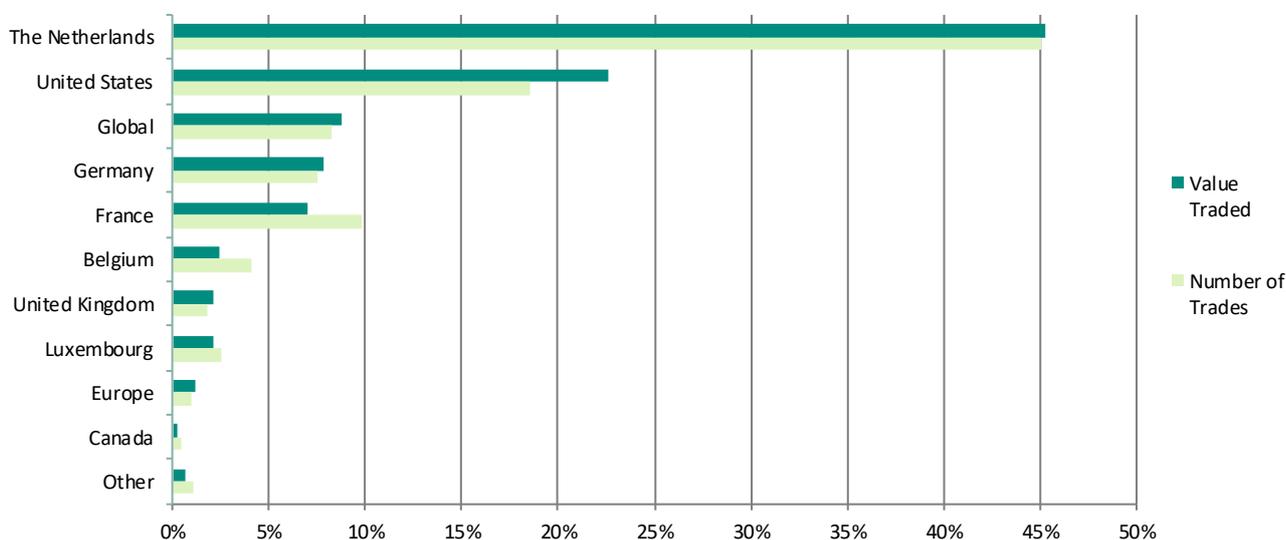
## Market Overview

The table below displays the daily averages of value traded and number of trades per country of origin of the underlying on Euroclear Nederland instruments traded on Euronext's pan-European MTF, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each underlying country of origin over the total.

The chart at the bottom of the page represents the weight of each underlying country of origin in terms of value traded

Underlying Countries	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
The Netherlands	2,606	27%	-11.4%	45.3%	648	27.4%	2.8%	45.1%
United States	1,301	31%	-28%	22.6%	266	3.4%	-21%	18.6%
Global	504	-72%	-47%	8.8%	118	-9.6%	-6.6%	8.2%
Germany	451	0.3%	-45%	7.8%	108	-6.4%	-28%	7.5%
France	399	1.6%	-57%	6.9%	141	-16.0%	-32%	9.8%
Belgium	139	22%	-22%	2.4%	58	27%	-22%	4.0%
United Kingdom	120	-9.6%	-55%	2.1%	26	14.9%	-35%	1.8%
Luxembourg	117	3.0%	-24%	2.0%	37	1.2%	16.8%	2.5%
Europe	64	115%	8.8%	1.1%	13	162%	19.3%	0.9%
Canada	14	32%	-3.9%	0.2%	5.9	61%	-0.6%	0.4%
Other	33	-32%	-57%	0.6%	15	-14.6%	-40%	1.1%
<b>Total</b>	<b>5,749</b>	<b>-6.0%</b>	<b>-29.8%</b>	<b>100%</b>	<b>1,435</b>	<b>9.6%</b>	<b>-12.3%</b>	<b>100%</b>

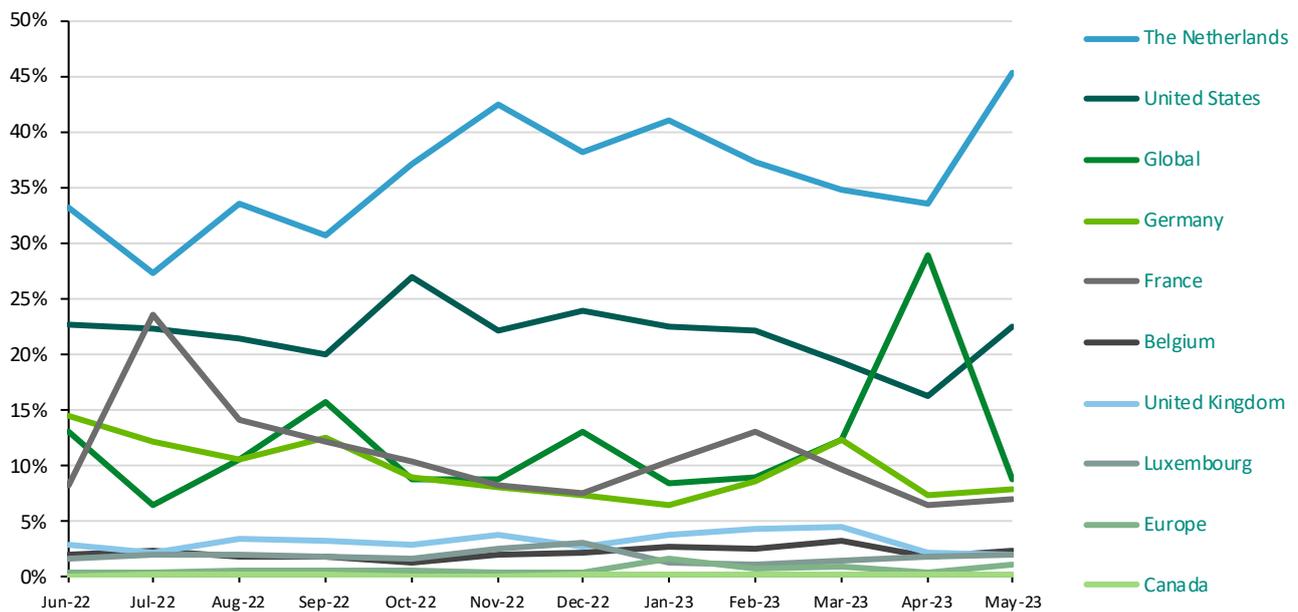
(Source Euronext)



# TOP 10 UNDERLYING COUNTRIES

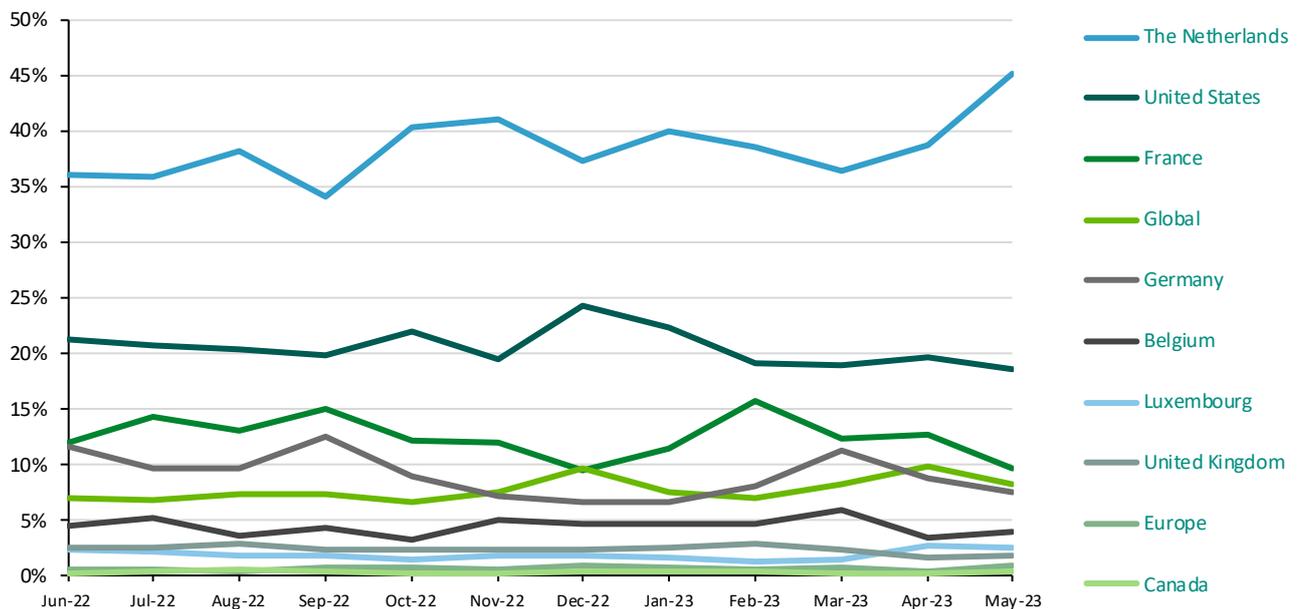
## Market Trend: Value traded

The historical graph below displays the weight of the value traded for each underlying country of origin over the total value traded on Euroclear Nederland instruments traded on Euronext's pan-European MTF.



## Market Trend: Number of trades

The historical graph below displays the weight of the number of trades of each underlying country of origin over the total number of trades on Euroclear Nederland instruments traded on Euronext's pan-European MTF.



## TOP 10 UNDERLYING COUNTRIES

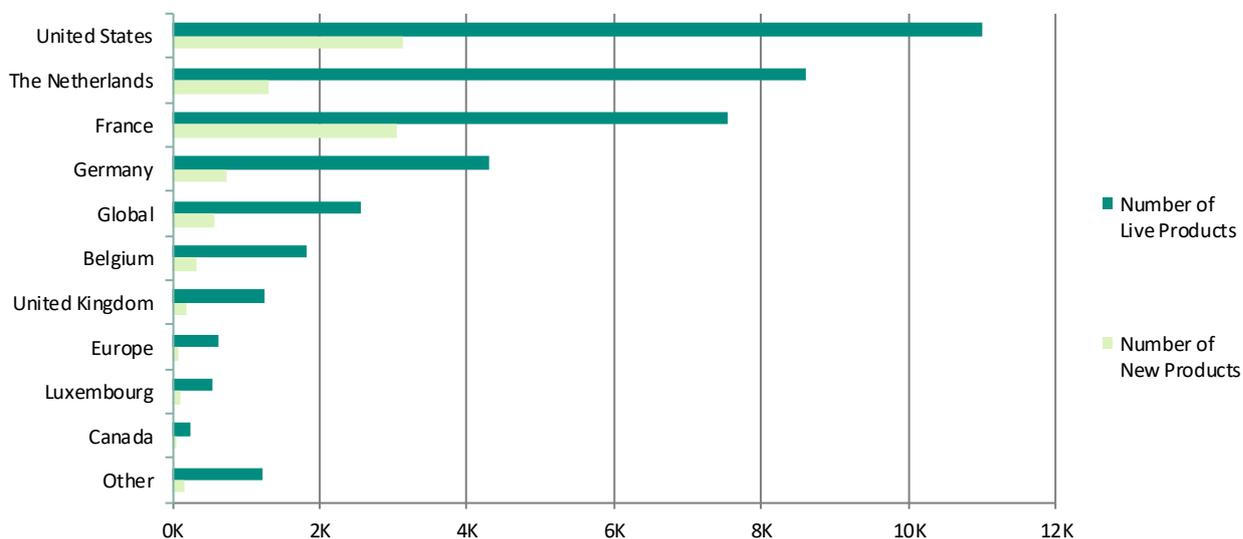
### Product Overview

The table below displays the daily average number of live products and the number of new products per country of origin of the underlying on Euroclear Nederland instruments traded on Euronext's pan-European MTF, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each underlying country of origin over the total.

The chart at the bottom of the page represents the number of live products and number of new products for each top

Underlying Countries	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
United States	10,996	4.1%	-14.6%	27.7%	3,130	41%	-18.9%	32.4%
The Netherlands	8,613	1.1%	-8.2%	21.7%	1,291	24%	-29%	13.4%
France	7,548	6.7%	-19.7%	19.0%	3,051	24%	-25%	31.6%
Germany	4,299	3.4%	-14.4%	10.8%	727	-6.9%	-51%	7.5%
Global	2,553	5.4%	12.3%	6.4%	565	-40%	-1.2%	5.9%
Belgium	1,822	2.3%	-1.1%	4.6%	314	37%	-25%	3.3%
United Kingdom	1,235	2.1%	-6.8%	3.1%	177	8.6%	-30%	1.8%
Europe	618	2.3%	-58%	1.6%	85	11.8%	-63%	0.9%
Luxembourg	538	6.2%	-7.3%	1.4%	100	-31%	-44%	1.0%
Canada	240	1.4%	14.5%	0.6%	52	108%	-3.9%	0.5%
Other	1,218	1.0%	-12.6%	3.1%	163	-15.5%	-40%	1.7%
<b>Total</b>	<b>39,680</b>	<b>3.7%</b>	<b>-13.3%</b>	<b>100%</b>	<b>9,655</b>	<b>16.6%</b>	<b>-26.9%</b>	<b>100%</b>

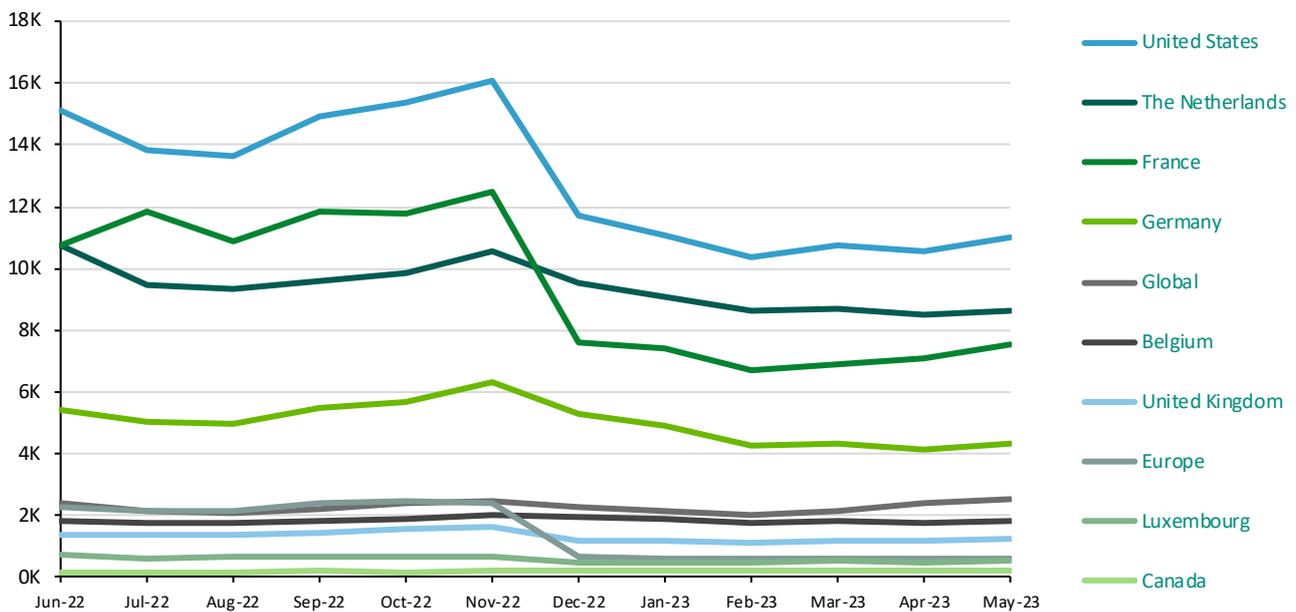
(Source Euronext)



# TOP 10 UNDERLYING COUNTRIES

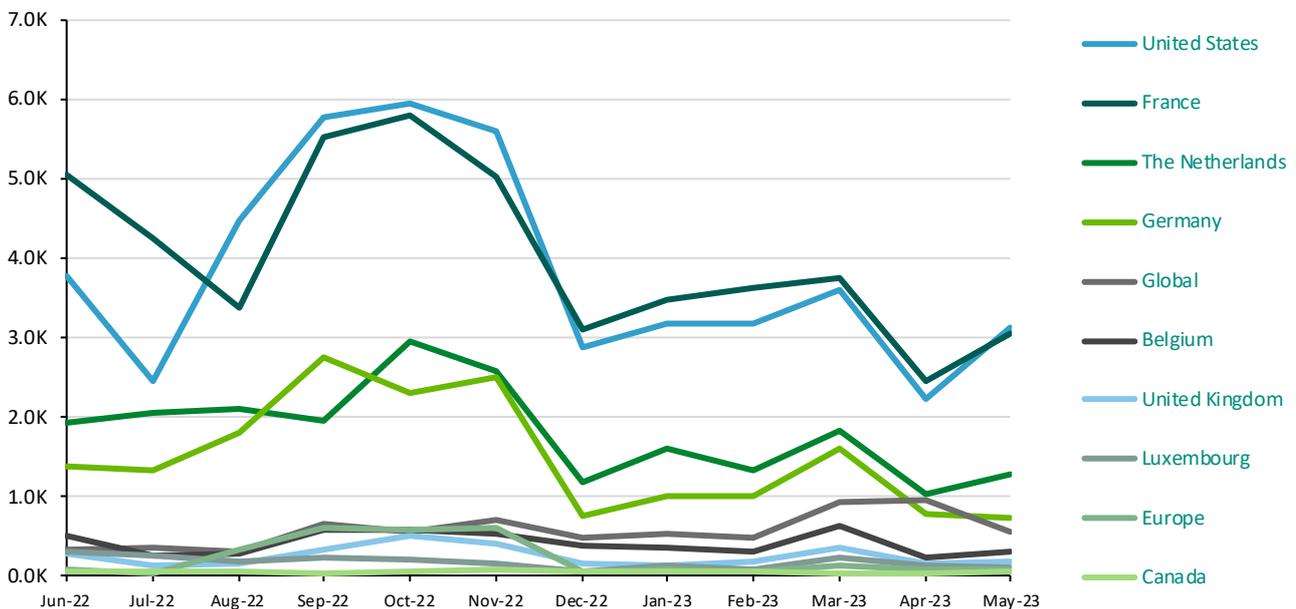
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each underlying country of origin on Euroclear Nederland instruments traded on Euronext's pan-European MTF.



## Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each underlying country of origin on Euroclear Nederland instruments traded on Euronext's pan-European MTF.



# TOP 10 UNDERLYINGS

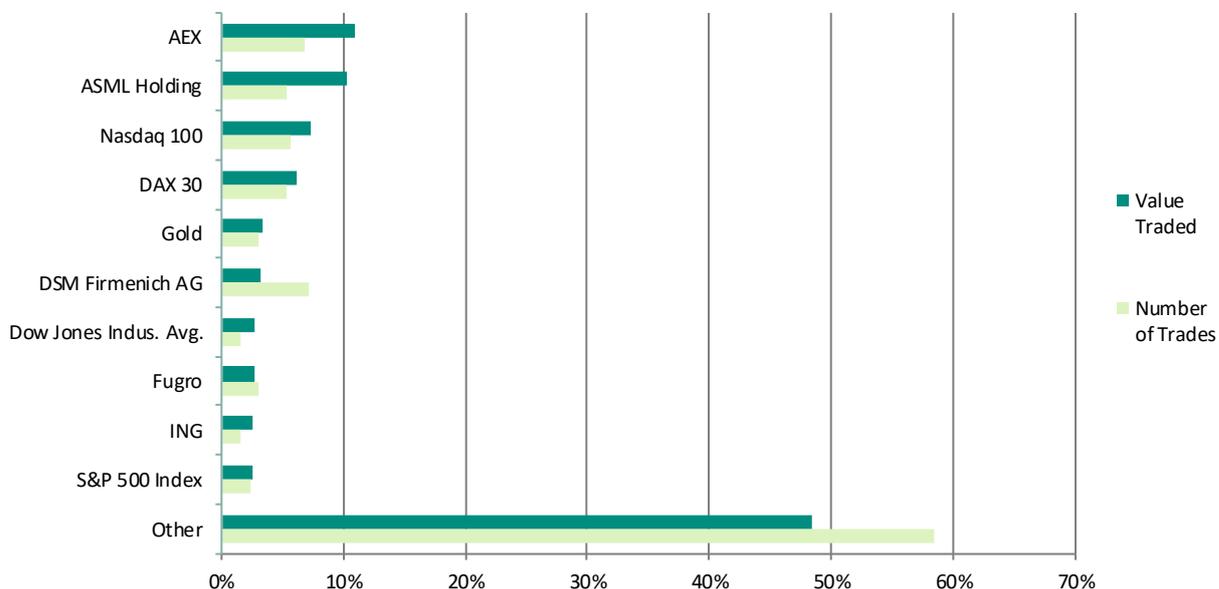
## Market Overview

The table below displays the daily averages of value traded and number of trades for the top 10 underlyings on Euroclear Nederland instruments traded on Euronext's pan-European MTF, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each of the top 10 underlyings over the total.

The chart at the bottom of the page represents the weight of each of the top 10 underlyings in terms of value traded and number of trades.

Underlyings	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
AEX	625	12.5%	-50%	10.9%	97	5.7%	-46.7%	6.7%
ASML Holding	590	131%	51%	10.3%	78	70%	32%	5.4%
Nasdaq 100	422	58%	-35%	7.3%	82	6.5%	-23%	5.7%
DAX 30	353	26%	-47%	6.1%	76	35%	-27%	5.3%
Gold	191	-85%	-44%	3.3%	43	-19.4%	25%	3.0%
DSM Firmenich AG	187	318%	225%	3.3%	103	533%	419%	7.2%
Dow Jones Indus. Avg.	152	127%	-18.7%	2.6%	22	4.5%	-37%	1.5%
Fugro	151	173%	-10.9%	2.6%	43	103%	-5.2%	3.0%
ING	148	8.9%	-6.7%	2.6%	22	4.6%	0.0%	1.5%
S&P 500 Index	146	-5.5%	-52%	2.5%	33	0.7%	-30%	2.3%
Other	2,783	-8.1%	-31%	48.4%	838	-4.2%	-14.7%	58.4%
<b>Total</b>	<b>5,749</b>	<b>-6.0%</b>	<b>-29.8%</b>	<b>100%</b>	<b>1,435</b>	<b>9.6%</b>	<b>-12.3%</b>	<b>100%</b>

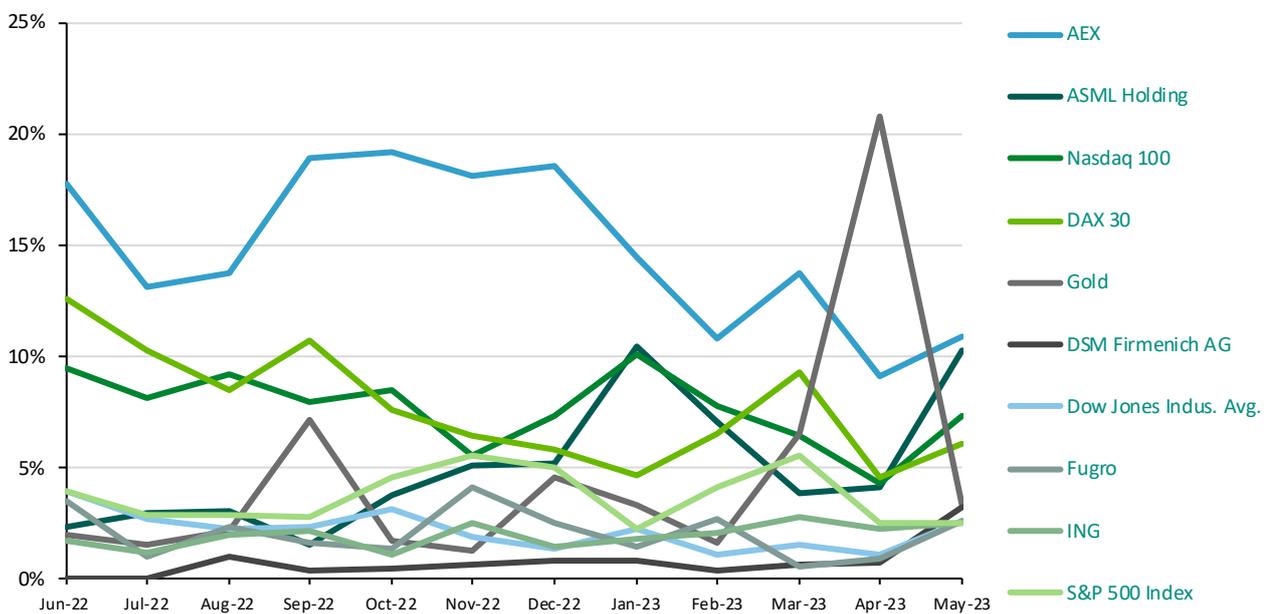
(Source Euronext)



# TOP 10 UNDERLYINGS

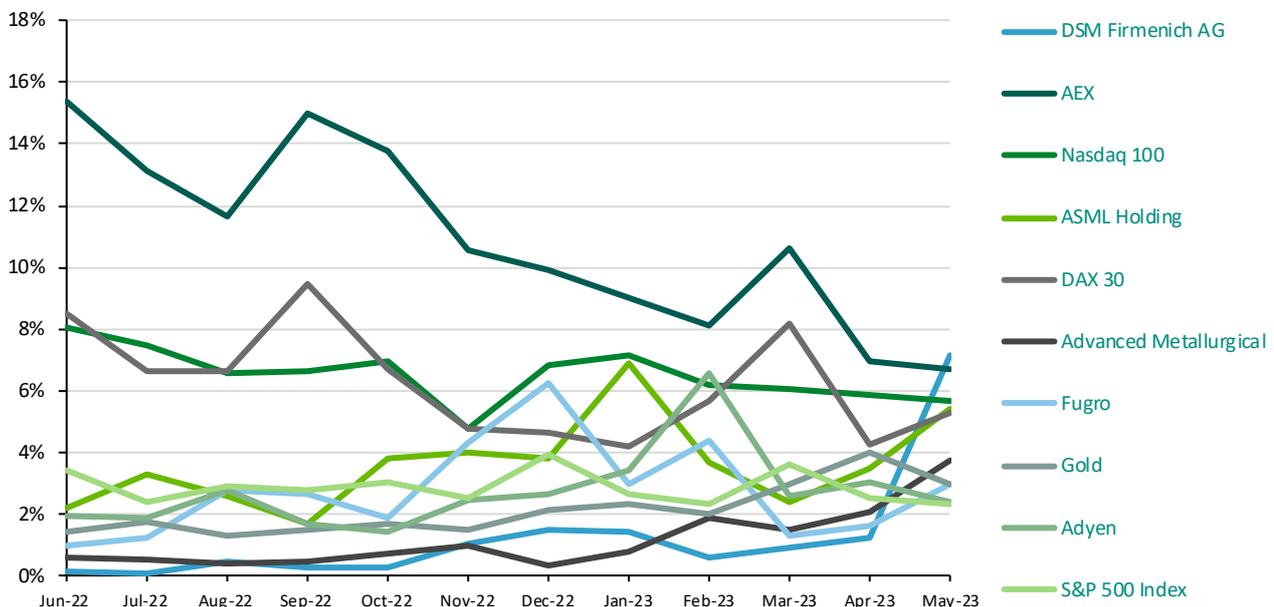
## Market Trend: Value traded

The historical graph below displays the weight of the value traded for each top 10 underlying over the total value traded on Euroclear Nederland instruments traded on Euronext's pan-European MTF.



## Market Trend: Number of trades

The historical graph below displays the weight of the number of trades of each top 10 underlying over the total number of trades on Euroclear Nederland instruments traded on Euronext's pan-European MTF.



# TOP 10 UNDERLYINGS

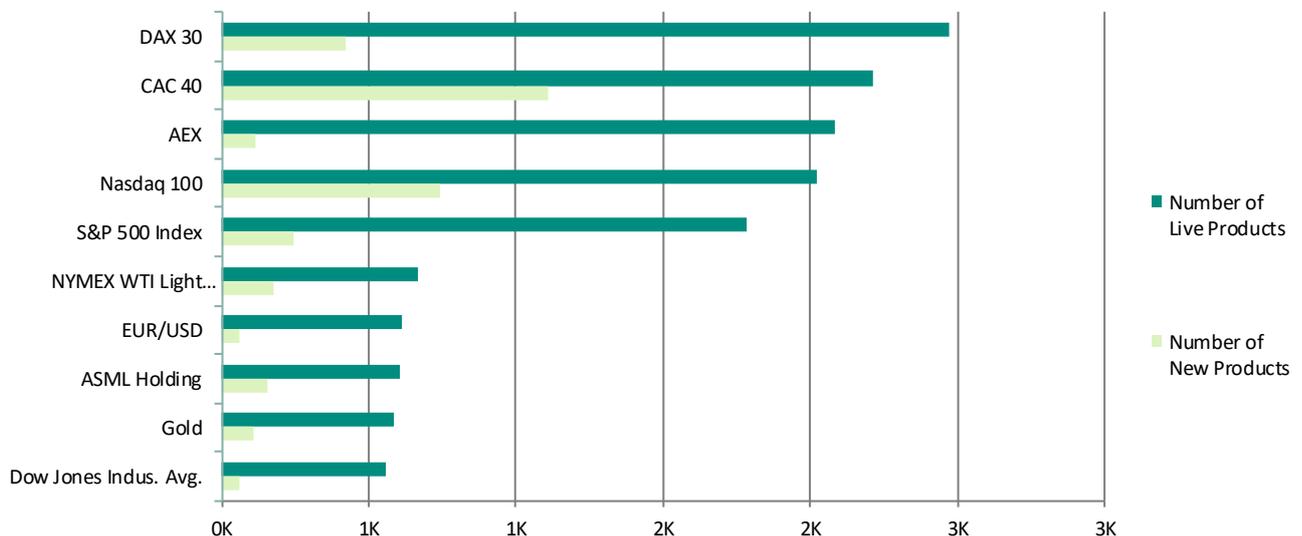
## Product Overview

The table below displays the daily average number of live products and the number of new products for the top 10 underlyings on Euroclear Nederland instruments traded on Euronext's pan-European MTF, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each of the top 10 underlyings over the total.

The chart at the bottom of the page represents the number of live products and number of new products for each top

Underlyings	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
DAX 30	2,473	6.5%	-10.7%	6.2%	418	4.2%	-50%	4.3%
CAC 40	2,212	6.2%	-20%	5.6%	1,111	177%	-39%	11.5%
AEX	2,087	0.8%	-22%	5.3%	117	65%	-56%	1.2%
Nasdaq 100	2,020	11.9%	-10.5%	5.1%	738	107%	-5.8%	7.6%
S&P 500 Index	1,784	2.3%	-15.3%	4.5%	246	23%	-50%	2.5%
NYMEX WTI Light Sweet Crude Oil	668	11.5%	70%	1.7%	177	-59%	40%	1.8%
EUR/USD	611	-1.6%	1.3%	1.5%	60	-38%	-52%	0.6%
ASML Holding	607	2.0%	9.1%	1.5%	152	187%	-2.5%	1.6%
Gold	583	0.5%	14.3%	1.5%	105	-38%	-14.1%	1.1%
Dow Jones Indus. Avg.	556	0.5%	-47%	1.4%	57	-29%	-83%	0.6%
Other	26,080	3.1%	-13.3%	65.7%	6,474	7.6%	-20%	67.1%
<b>Total</b>	<b>39,680</b>	<b>3.7%</b>	<b>-13.3%</b>	<b>100%</b>	<b>9,655</b>	<b>16.6%</b>	<b>-26.9%</b>	<b>100%</b>

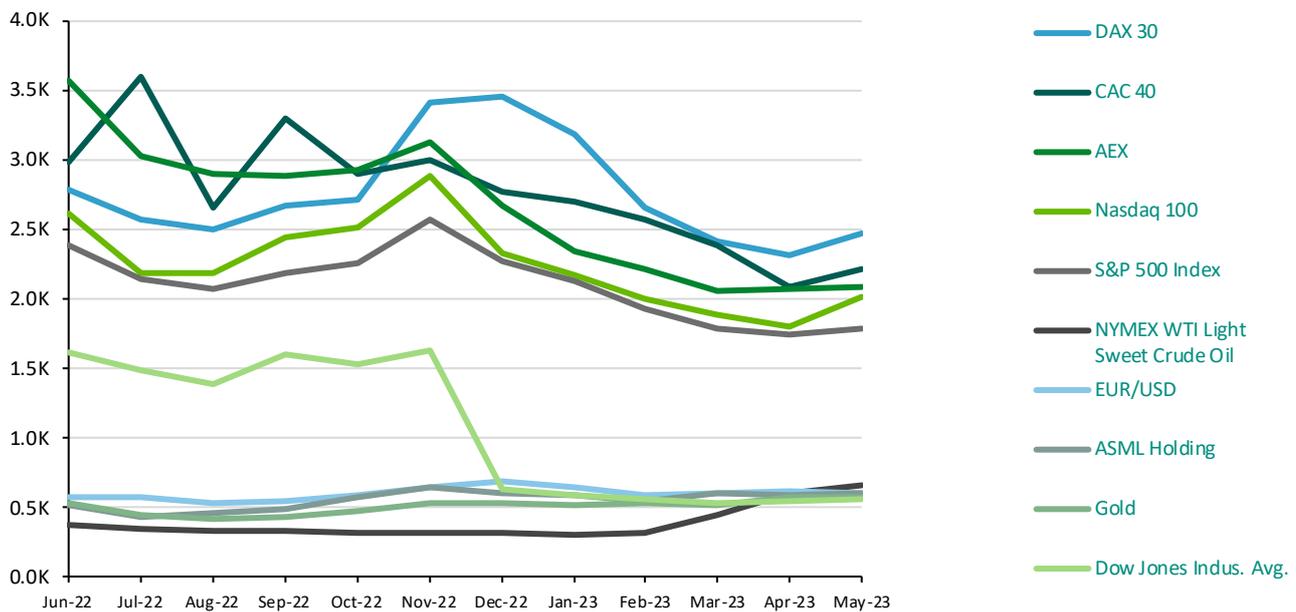
(Source Euronext)



# TOP 10 UNDERLYINGS

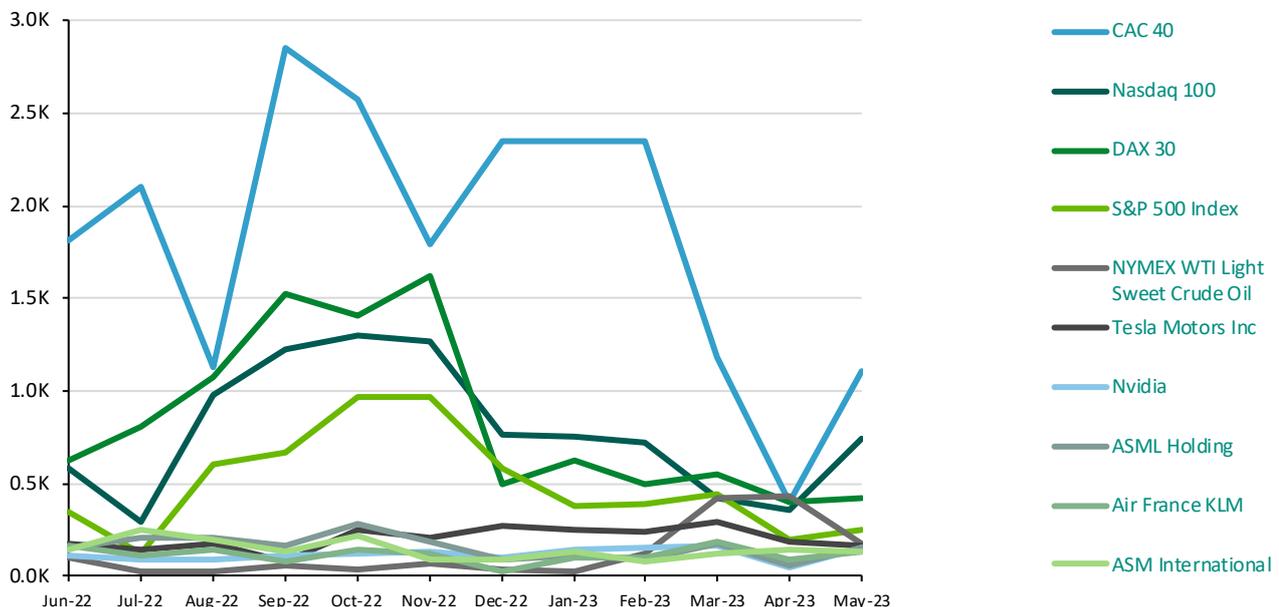
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each top 10 underlying on Euroclear Nederland instruments traded on Euronext's pan-European MTF.



## Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each top 10 underlying on Euroclear Nederland instruments traded on Euronext's pan-European MTF.



# TOP 50 TRADED PRODUCTS

## Top 50 traded products

The table below displays the 50 most traded products (in terms of value traded) on Euroclear Nederland instruments traded on Euronext's pan-European MTF.

ISIN Code	Issuer	Product Type	Underlying	Value Traded (in €k)	Nb of Trades
NLBPNL28I05	BNP Paribas	2210   Mini-Futures	ASML Holding	2,247	161
NLBPNL2D5S5	BNP Paribas	2210   Mini-Futures	ASML Holding	1,527	113
NLBPNL283Q4	BNP Paribas	2210   Mini-Futures	ASML Holding	1,230	89
NLBPNL1HAF6	BNP Paribas	2210   Mini-Futures	AEX	1,226	86
NLBPNL12635	BNP Paribas	2210   Mini-Futures	Fugro	1,224	294
NLBPNL27TU1	BNP Paribas	2210   Mini-Futures	AEX	1,086	170
NLBPNL2C537	BNP Paribas	2205   Open-End Knock-Out Warrants	DSM Firmenich AG	1,033	402
NLBPNL1HBR9	BNP Paribas	2210   Mini-Futures	DAX 30	997	139
NLBPNL2CGA3	BNP Paribas	2205   Open-End Knock-Out Warrants	DSM Firmenich AG	974	565
NLBPNL2B455	BNP Paribas	2210   Mini-Futures	Gold	964	31
NLBPNL1J2H0	BNP Paribas	2210   Mini-Futures	AEX	932	73
NLBPNL2D5R7	BNP Paribas	2210   Mini-Futures	ASML Holding	930	70
NLBPNL1NRS1	BNP Paribas	2210   Mini-Futures	Fugro	869	253
NLBPNL1KV34	BNP Paribas	2210   Mini-Futures	CAC 40	848	28
NLBPNL12643	BNP Paribas	2210   Mini-Futures	Fugro	808	210
NLBPNL24SI5	BNP Paribas	2210   Mini-Futures	DAX 30	803	39
NL0014845836	BNP Paribas	2205   Open-End Knock-Out Warrants	Adyen	768	221
NLBPNL1FVA7	BNP Paribas	2210   Mini-Futures	AEX	750	29
DE000GPOV0V0	Goldman Sachs	2205   Open-End Knock-Out Warrants	PayPal Holdings	745	30
NLBPNL26WT9	BNP Paribas	2210   Mini-Futures	AEX	740	96
NLBPNL24D46	BNP Paribas	2210   Mini-Futures	Dow Jones Indus. Avg.	709	47
NLING00123C8	ING	2205   Open-End Knock-Out Warrants	Arcelormittal	699	346
NLBPNL26YR9	BNP Paribas	2210   Mini-Futures	ASML Holding	695	52
NLBPNL26E43	BNP Paribas	2210   Mini-Futures	AEX	620	94
NLBPNL2BYH3	BNP Paribas	2210   Mini-Futures	Fagron	578	197
NL0014635534	BNP Paribas	2210   Mini-Futures	DSM Firmenich AG	574	326
NLBPNL15IT1	BNP Paribas	2210   Mini-Futures	ING	564	17
DE000SV1Y1C7	Société Générale	2300   Constant Leverage Certificate	Carnival Corporation	556	25
NLBPNL11VL0	BNP Paribas	2210   Mini-Futures	ASML Holding	553	48
NLBPNL13VL6	BNP Paribas	2210   Mini-Futures	AEX	547	26
DE000GZ8BWL4	Goldman Sachs	2205   Open-End Knock-Out Warrants	PayPal Holdings	534	26
NLBPNL1MWC7	BNP Paribas	2210   Mini-Futures	ICE BRENT	515	46
NLBPNL2BZZ2	BNP Paribas	2210   Mini-Futures	Fagron	506	165
NLBPNL2D0J5	BNP Paribas	2205   Open-End Knock-Out Warrants	Aegon	498	21
NLBPNL26E50	BNP Paribas	2210   Mini-Futures	AEX	497	111
NLBPNL26OO7	BNP Paribas	2210   Mini-Futures	Dow Jones Indus. Avg.	480	31
NLBPNL2CN58	BNP Paribas	2205   Open-End Knock-Out Warrants	DSM Firmenich AG	478	348
NLBPNL1IBA3	BNP Paribas	2205   Open-End Knock-Out Warrants	DAX 30	465	158
NLBPNL2C172	BNP Paribas	2210   Mini-Futures	USD/JPY	460	14
NLBPNL291A1	BNP Paribas	2205   Open-End Knock-Out Warrants	AEX	442	29
NLBPNL1J575	BNP Paribas	2205   Open-End Knock-Out Warrants	Euro STOXX 50	432	73
NL0015490186	BNP Paribas	2210   Mini-Futures	ASML Holding	429	23
NLBPNL26BE5	BNP Paribas	2210   Mini-Futures	NYMEX WTI Light Sweet Crude	428	30
NLBPNL1SXS8	BNP Paribas	2205   Open-End Knock-Out Warrants	S&P 500 Index	420	54
NLBPNL1J2I8	BNP Paribas	2210   Mini-Futures	AEX	419	52
NLBPNL1T2F2	BNP Paribas	2210   Mini-Futures	Nasdaq 100	418	50
NLBPNL2BTA8	BNP Paribas	2210   Mini-Futures	NN GROUP	415	32
NLBPNL2DIO8	BNP Paribas	2210   Mini-Futures	ASML Holding	414	30
NLBPNL1SL38	BNP Paribas	2210   Mini-Futures	Nasdaq 100	410	40
NLBPNL25W42	BNP Paribas	2210   Mini-Futures	ASML Holding	405	40

(Source Euronext)



Interbolsa Instruments

# ISSUERS

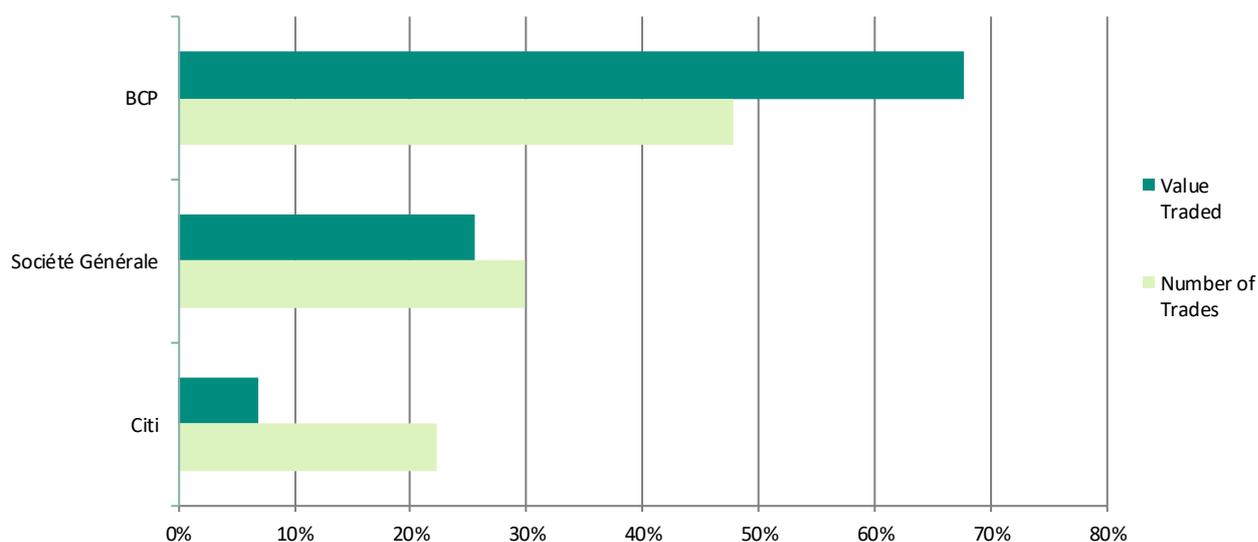
## Market Overview

The table below displays the daily averages of value traded and number of trades per issuer on Interbolsa instruments traded on Euronext's pan-European MTF, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each issuer over the total.

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

Issuers	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
BCP	1,497	110%	68%	67.6%	88	49.4%	28.5%	47.9%
Société Générale	565	127%	104%	25.5%	54	17.5%	32.1%	29.8%
Citi	152	45%	-40%	6.9%	41	22.9%	-33.7%	22.3%
Total	2,213	107.4%	55.9%	100%	183	32.4%	7.0%	100%

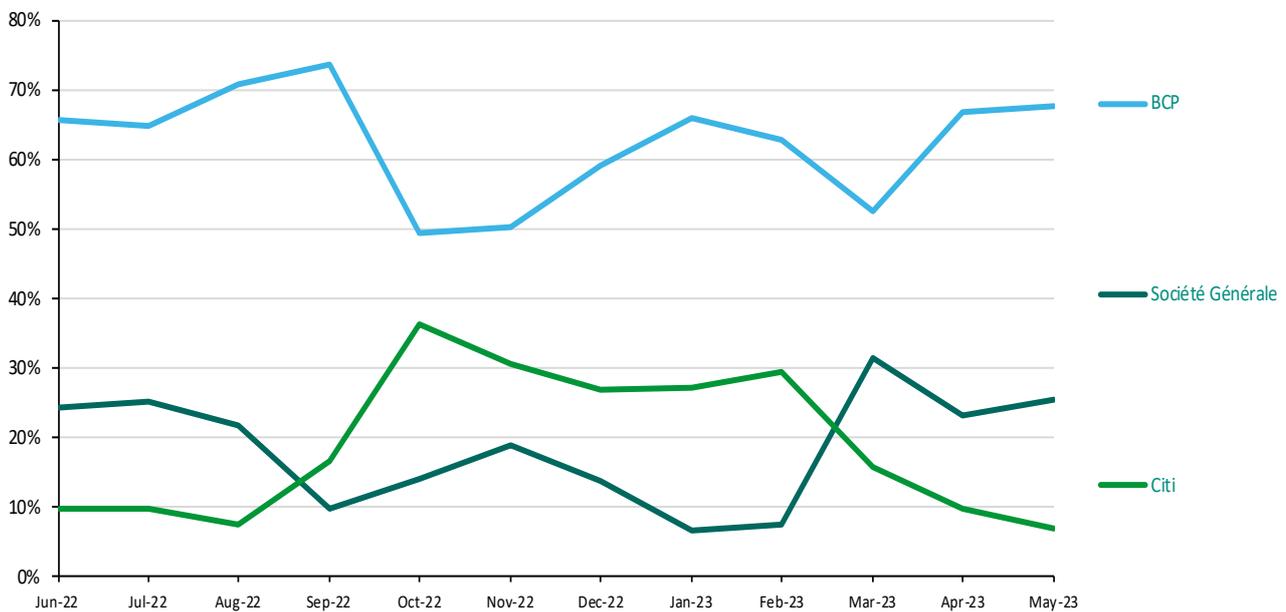
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# ISSUERS

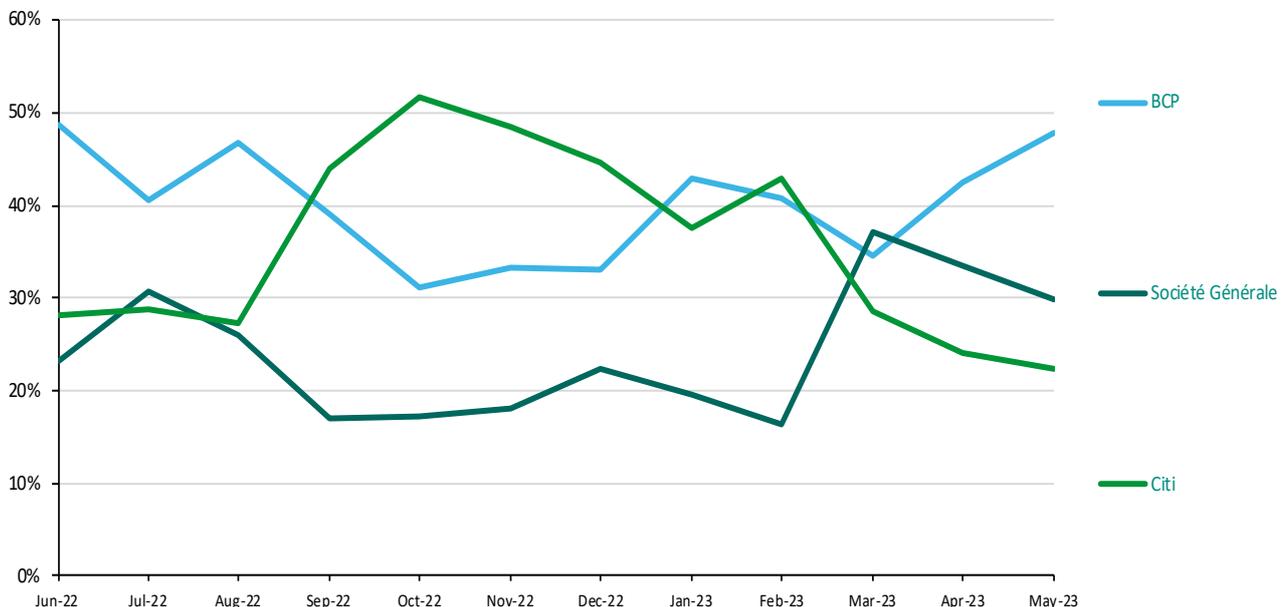
## Market Trend: Value traded

The historical graph below displays the weight of the value traded for each issuer over the total value traded on Interbolsa instruments traded on Euronext's pan-European MTF.



## Market Trend: Number of trades

The historical graph below displays the weight of the number of trades of each issuer over the total number of trades on Interbolsa instruments traded on Euronext's pan-European MTF.



# ISSUERS

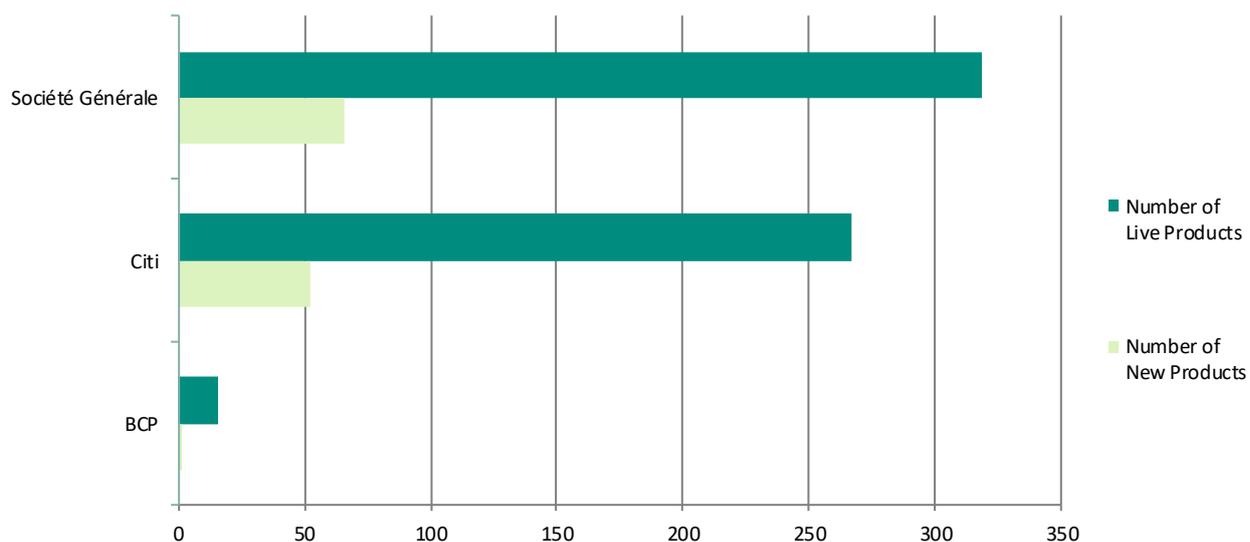
## Product Overview

The table below displays the daily average number of live products and the number of new products per issuer on Interbolsa instruments traded on Euronext's pan-European MTF as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each issuer over the total.

The chart at the bottom of the page represents the number of live products and number of new products for each issuer.

Issuers	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Société Générale	319	5.3%	4.7%	53.0%	66	175%	-25%	55.5%
Citi	267	1.7%	4.6%	44.4%	52	13.0%	-53%	43.7%
BCP	16	5.2%	4.7%	2.6%	1		NA	0.8%
Total	602	3.7%	4.6%	100%	119	70.0%	-40.5%	100%

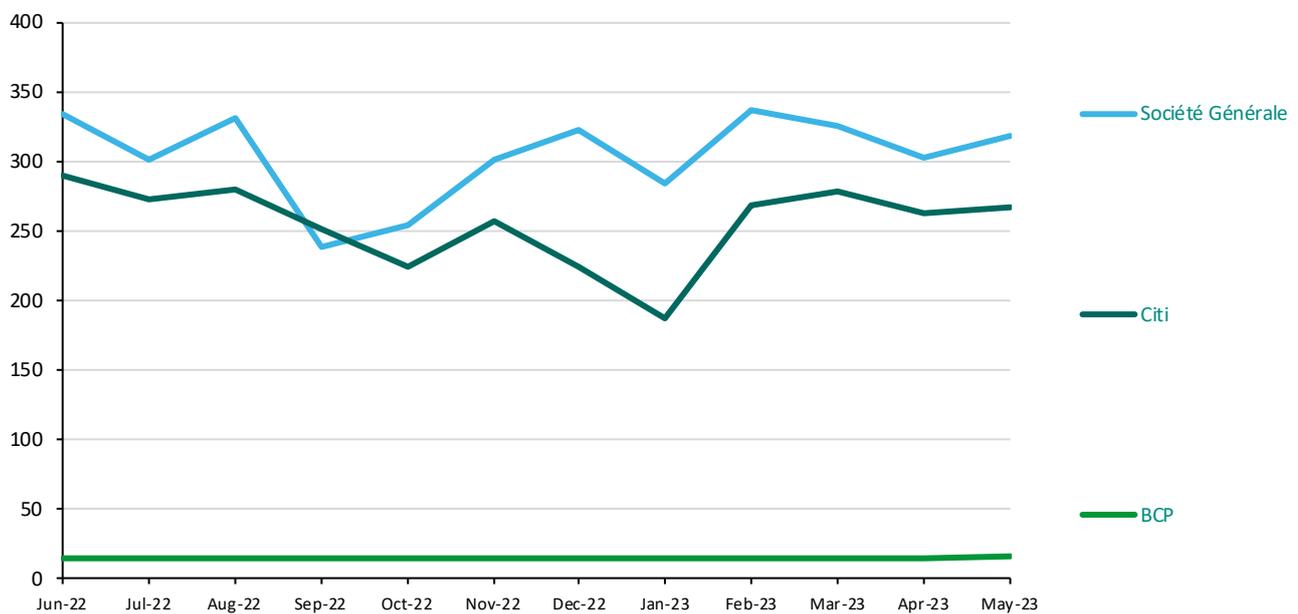
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# ISSUERS

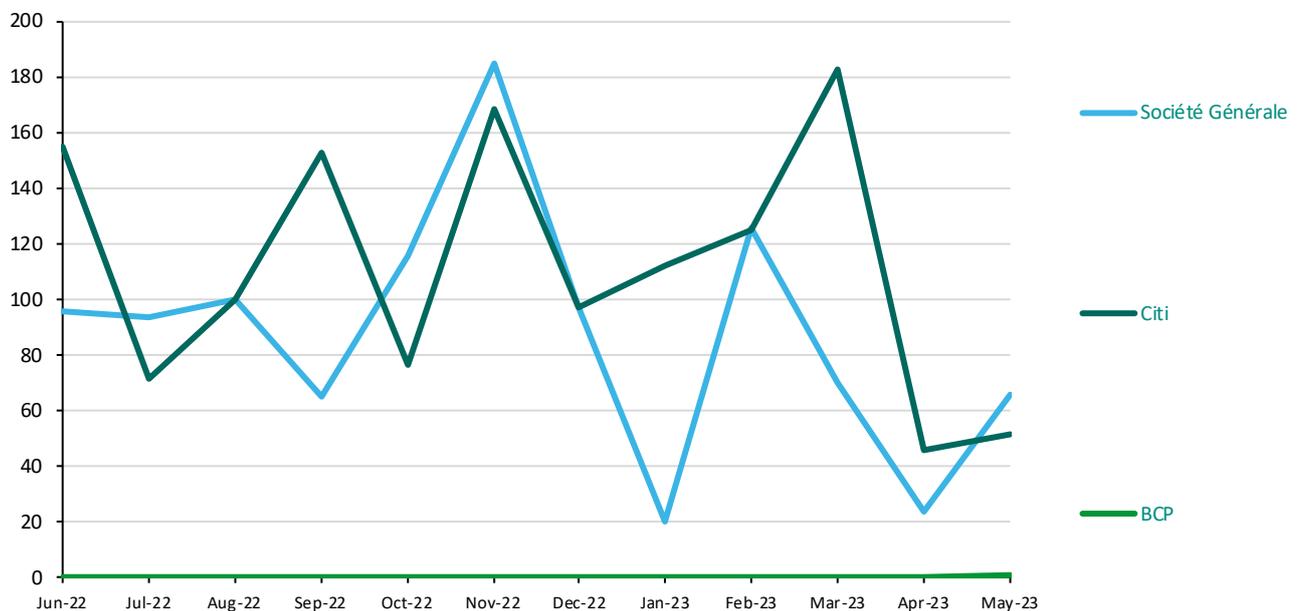
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each issuer on Interbolsa instruments traded on Euronext's pan-European MTF.



## Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each issuer on Interbolsa instruments traded on Euronext's pan-European MTF.



# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 2)

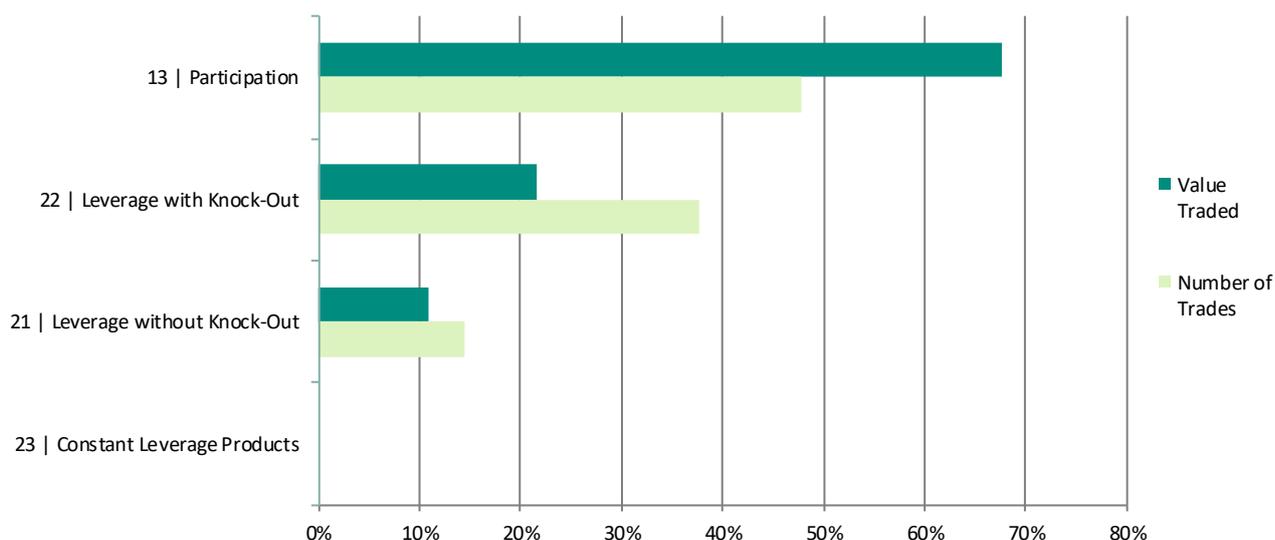
## Market Overview

The table below displays the daily averages of value traded and number of trades per product type (EUSIPA<sup>1</sup> categorization level 2) on Interbolsa instruments traded on Euronext's pan-European MTF, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each product type over the total.

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

Product Types (EUSIPA Categorization Level 2)	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
13   Participation	1,497	110%	68%	67.6%	88	49.4%	28.5%	47.9%
22   Leverage with Knock-Out	477	284%	33%	21.5%	69	37.8%	3.6%	37.7%
21   Leverage without Knock-Out	240	4.4%	38%	10.8%	26	-10.8%	-27.3%	14.4%
23   Constant Leverage Products	0		-100%	0.0%	0.0		-100.0%	0.0%
<b>Total</b>	<b>2,213</b>	<b>107.4%</b>	<b>55.9%</b>	<b>100%</b>	<b>183</b>	<b>32.4%</b>	<b>7.0%</b>	<b>100%</b>

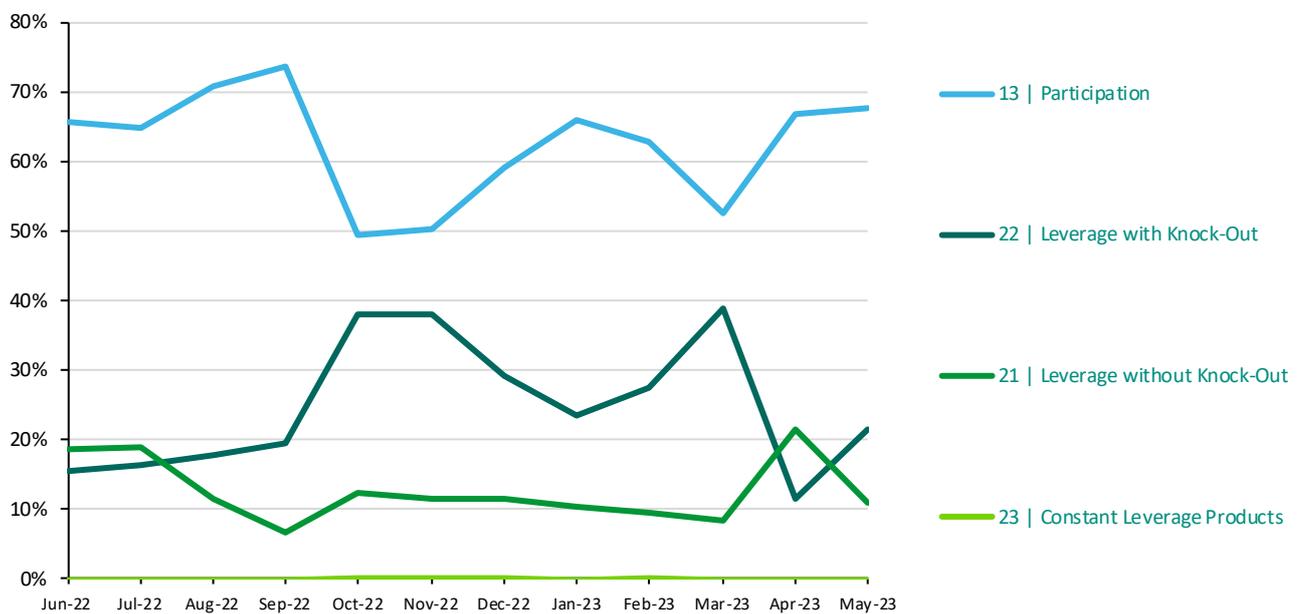
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# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 2)

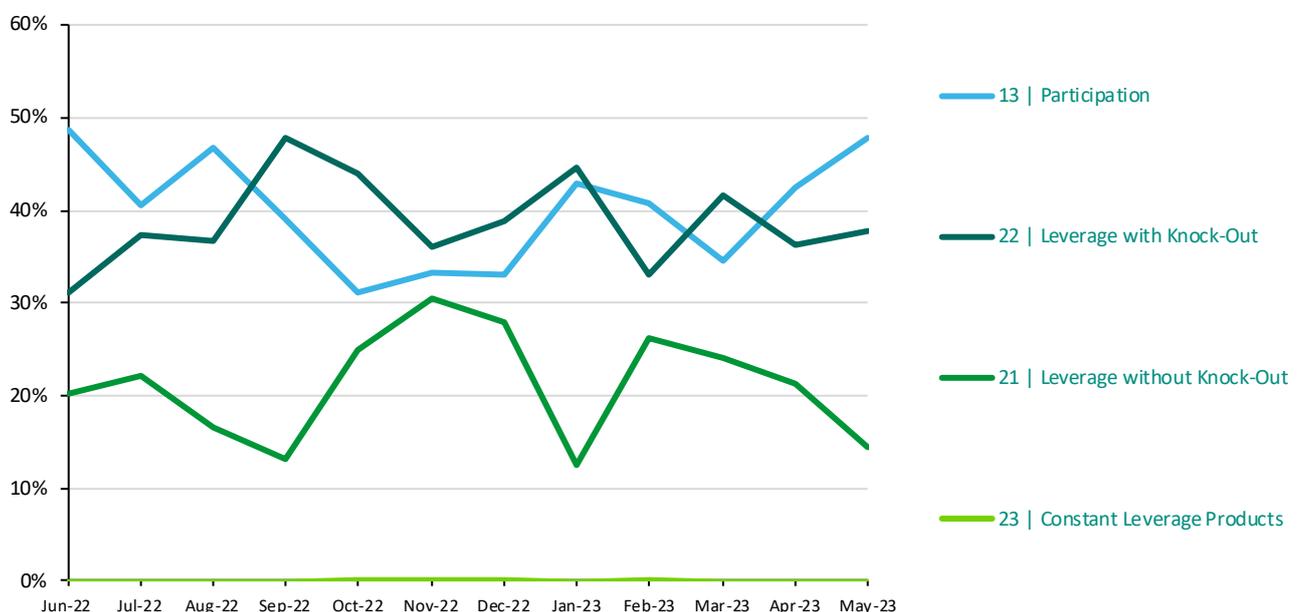
## Market Trend: Value traded

The historical graph below displays the weight of the value traded for each product type over the total value traded on Interbolsa instruments traded on Euronext’s pan-European MTF.



## Market Trend: Number of trades

The historical graph below displays the weight of the number of trades of each product type over the total number of trades on Interbolsa instruments traded on Euronext’s pan-European MTF.



## PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 2)

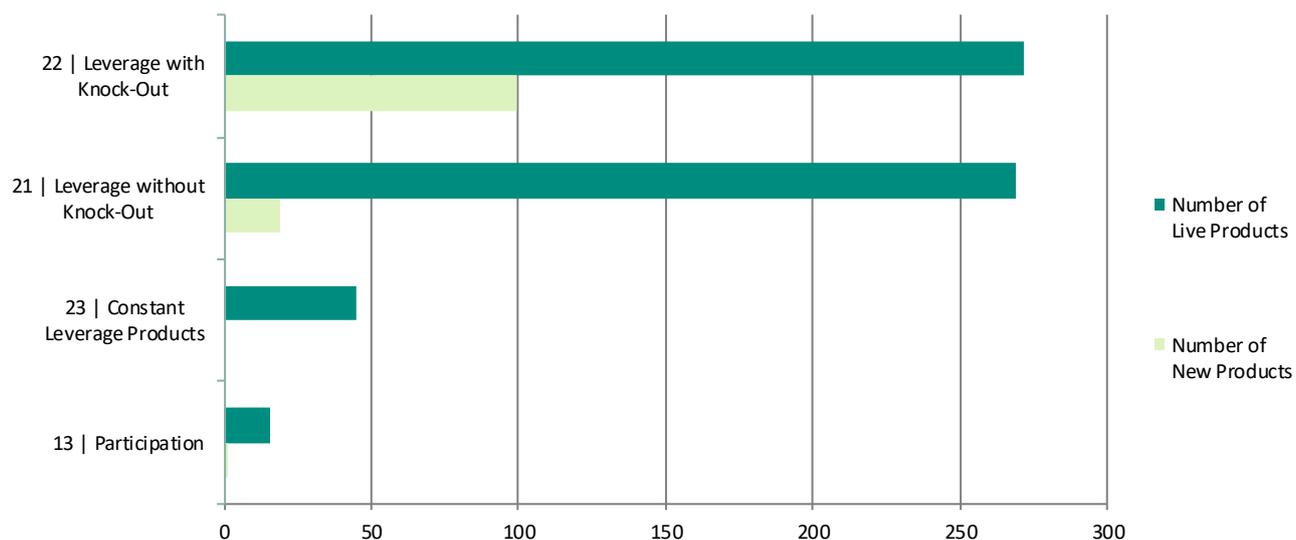
### Product Overview

The table below displays the daily average number of live products and the number of new products per product type (EUSIPA<sup>1</sup> categorization level 2) on Interbolsa instruments traded on Euronext's pan-European MTF, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each product type over the total.

The chart at the bottom of the page represents the number of live products and number of new products for each

Product Types (EUSIPA Categorization Level 2)	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
22   Leverage with Knock-Out	272	6.4%	0.2%	45.2%	99	41%	-40%	83.2%
21   Leverage without Knock-Out	269	1.6%	11.0%	44.7%	19		-46%	16.0%
23   Constant Leverage Products	45	0.0%	-2.8%	7.5%	0		-100%	0.0%
13   Participation	16	5.2%	4.7%	2.6%	1		NA	0.8%
<b>Total</b>	<b>602</b>	<b>3.7%</b>	<b>4.6%</b>	<b>100%</b>	<b>119</b>	<b>70.0%</b>	<b>-40.5%</b>	<b>100%</b>

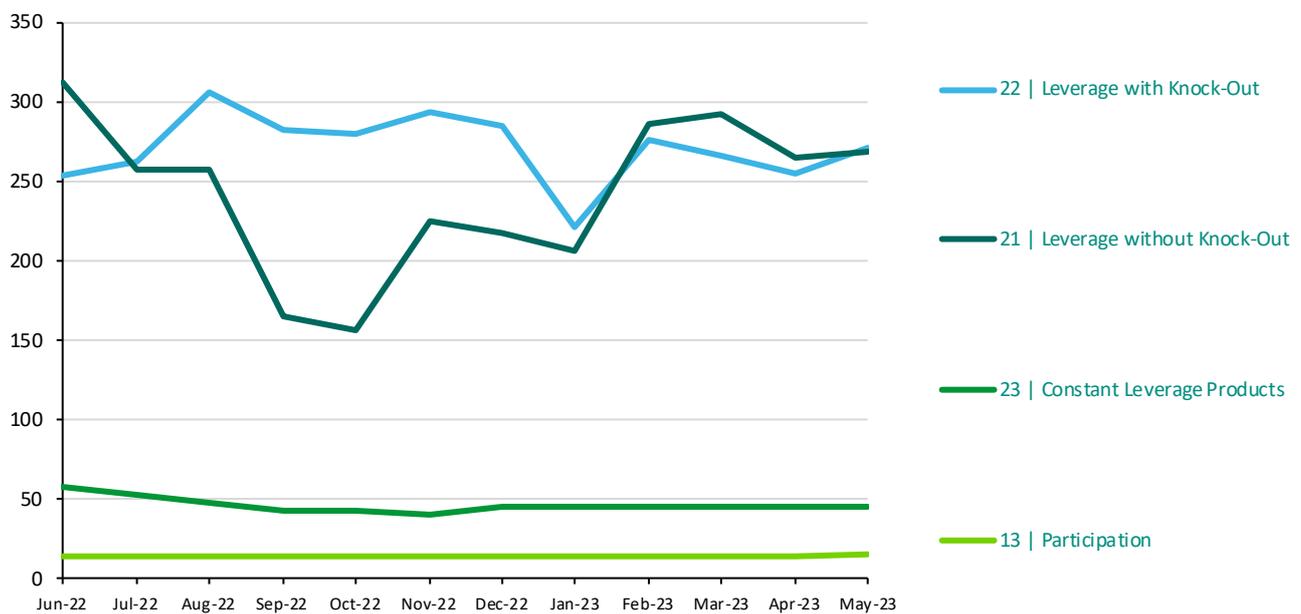
(Source Euronext)



# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 2)

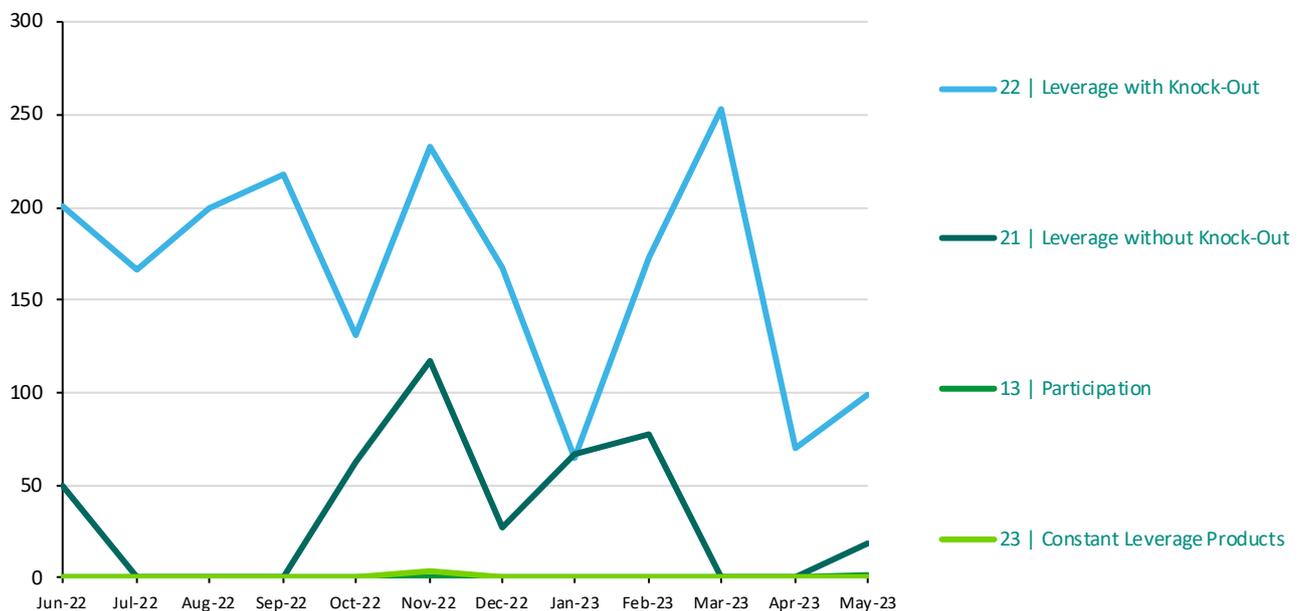
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each product type on Interbolsa instruments traded on Euronext's pan-European MTF.



## Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each product type on Interbolsa instruments traded on Euronext's pan-European MTF.



# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 3)

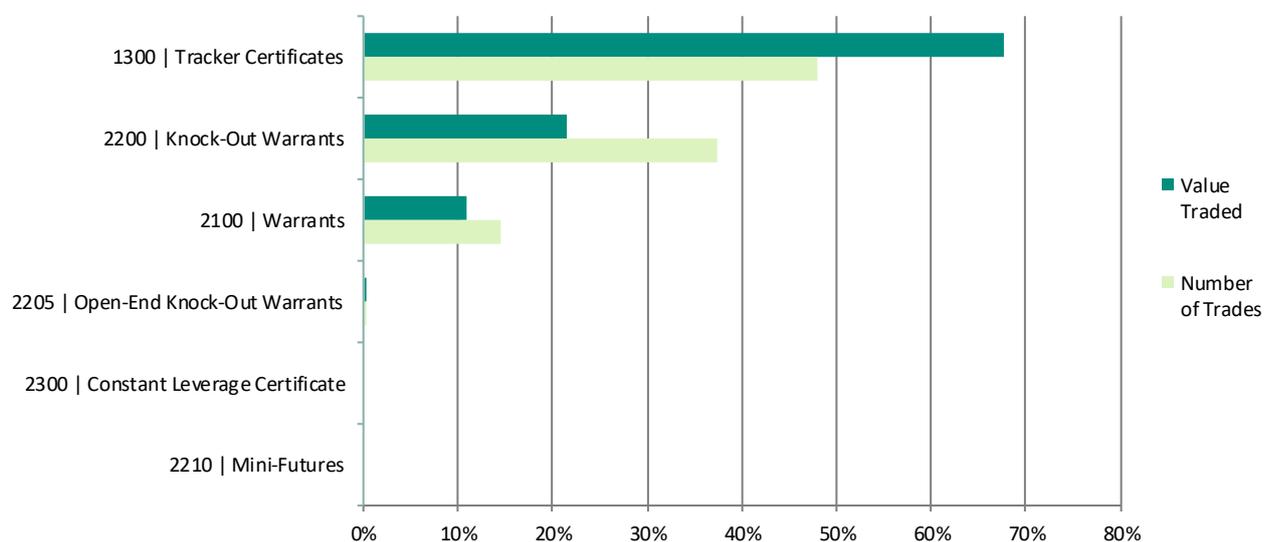
## Market Overview

The table below displays the daily averages of value traded and number of trades per product type (EUSIPA<sup>1</sup> categorization level 3) on Interbolsa instruments traded on Euronext's pan-European MTF, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each product type over the total.

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

Product Types (EUSIPA Categorization Level 3)	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
1300   Tracker Certificates	1,497	110%	68%	67.6%	88	49.4%	28.5%	47.9%
2200   Knock-Out Warrants	476	287%	34%	21.5%	69	38%	4.0%	37.5%
2100   Warrants	240	4.4%	38%	10.8%	26	-10.8%	-27%	14.4%
2205   Open-End Knock-Out Warrants	1	-4.2%	-18.5%	0.0%	0.4	84%	10.7%	0.2%
2300   Constant Leverage Certificate	0		-100%	0.0%	0.0		-100%	0.0%
2210   Mini-Futures	0		-100%	0.0%	0.0		-100%	0.0%
<b>Total</b>	<b>2,213</b>	<b>107.4%</b>	<b>55.9%</b>	<b>100%</b>	<b>183</b>	<b>32.4%</b>	<b>7.0%</b>	<b>100%</b>

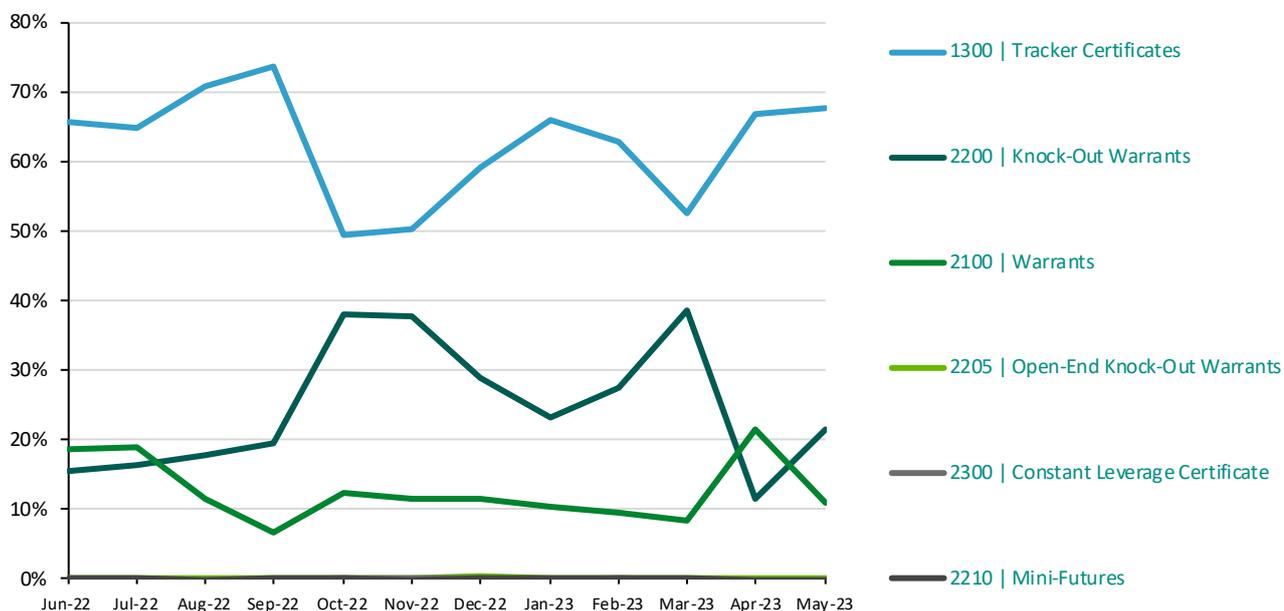
(Source Euronext)



# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 3)

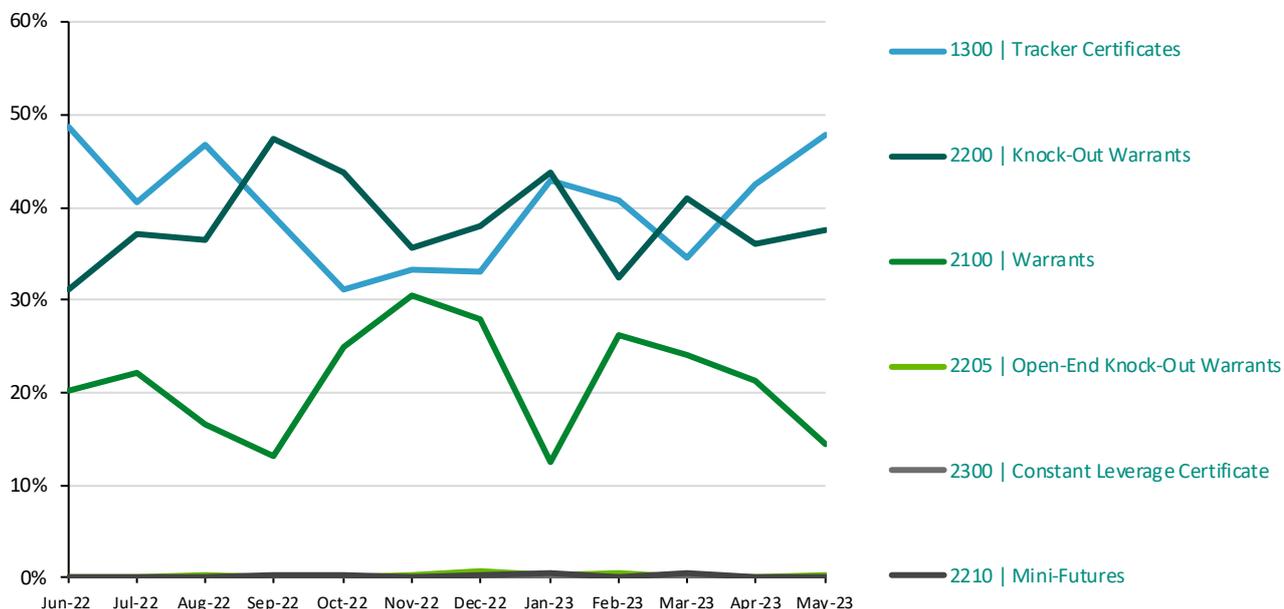
## Market Trend: Value traded

The historical graph below displays the weight of the value traded for each product type over the total value traded on Interbolsa instruments traded on Euronext’s pan-European MTF.



## Market Trend: Number of trades

The historical graph below displays the weight of the number of trades of each product type over the total number of trades on Interbolsa instruments traded on Euronext’s pan-European MTF.



# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 3)

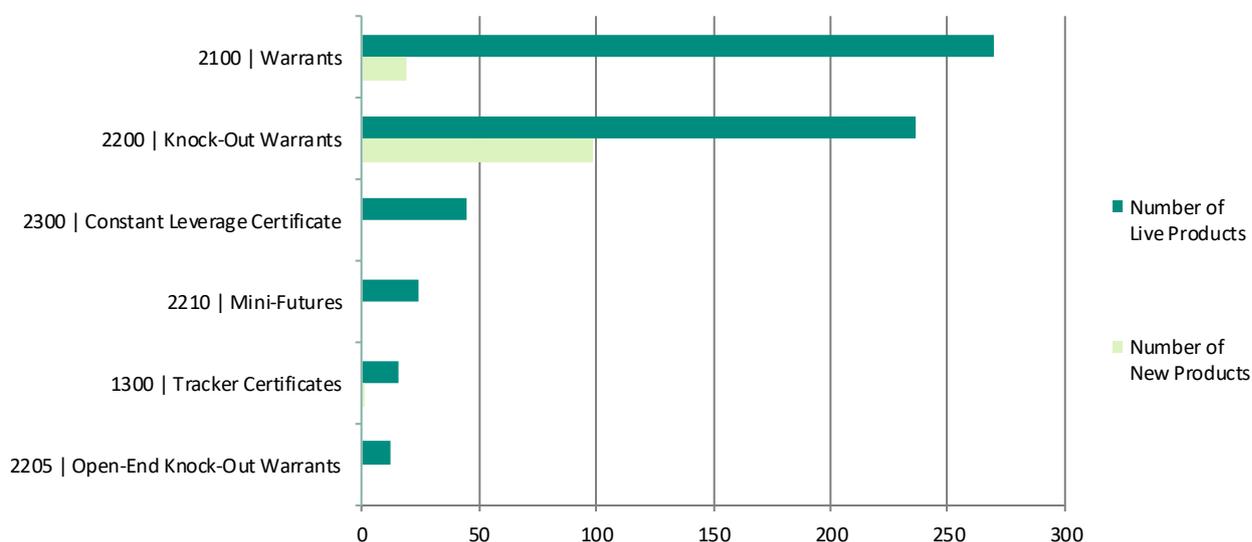
## Product Overview

The table below displays the daily average number of live products and the number of new products per product type (EUSIPA<sup>1</sup> categorization level 3) on Interbolsa instruments traded on Euronext’s pan-European MTF, as well as the variation over the previous month, over the last 12 months’ monthly average and the weight of each product type over the total.

The chart at the bottom of the page represents the number of live products and number of new products for each

Product Types (EUSIPA Categorization Level 3)	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
2100   Warrants	269	1.6%	11.0%	44.7%	19		-46%	16.0%
2200   Knock-Out Warrants	236	7.4%	3.9%	39.2%	99	41%	-40%	83.2%
2300   Constant Leverage Certificate	45	0.0%	-2.8%	7.5%	0		-100%	0.0%
2210   Mini-Futures	24	0.0%	-3.9%	4.0%	0		-100%	0.0%
1300   Tracker Certificates	16	5.2%	4.7%	2.6%	1		NA	0.8%
2205   Open-End Knock-Out Warrants	12	0.0%	-38%	2.0%	0		-100%	0.0%
<b>Total</b>	<b>602</b>	<b>3.7%</b>	<b>4.6%</b>	<b>100%</b>	<b>119</b>	<b>70.0%</b>	<b>-40.5%</b>	<b>100%</b>

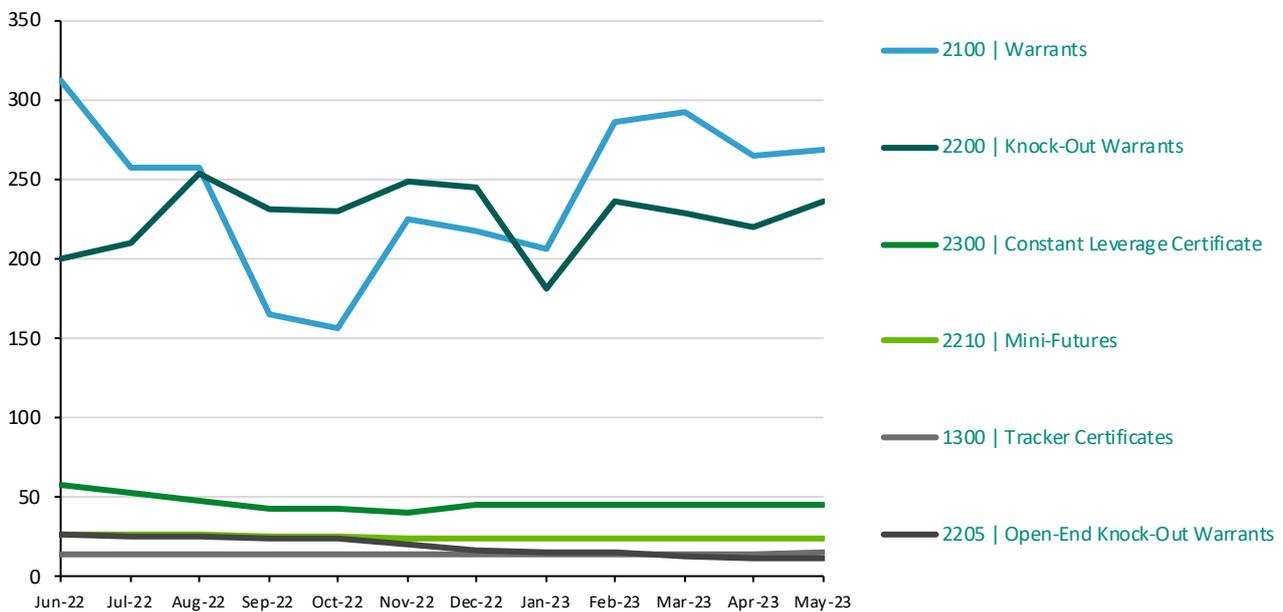
(Source Euronext)



# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 3)

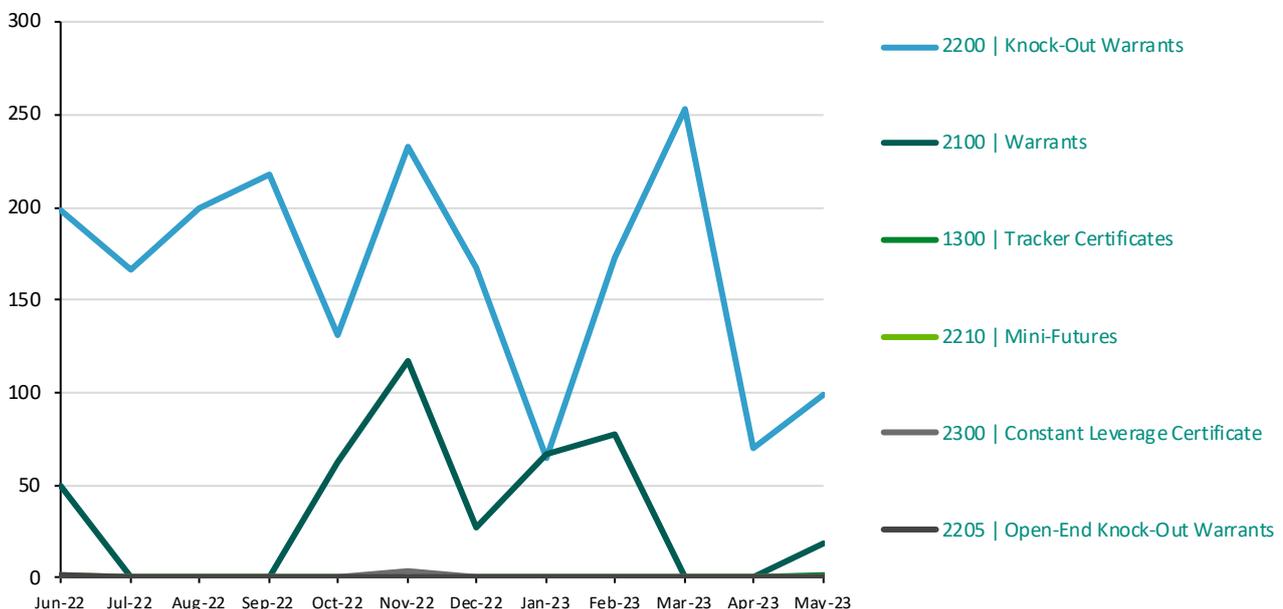
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each product type on Interbolsa instruments traded on Euronext's pan-European MTF.



## Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each product type on Interbolsa instruments traded on Euronext's pan-European MTF.



# PRODUCT STRATEGIES

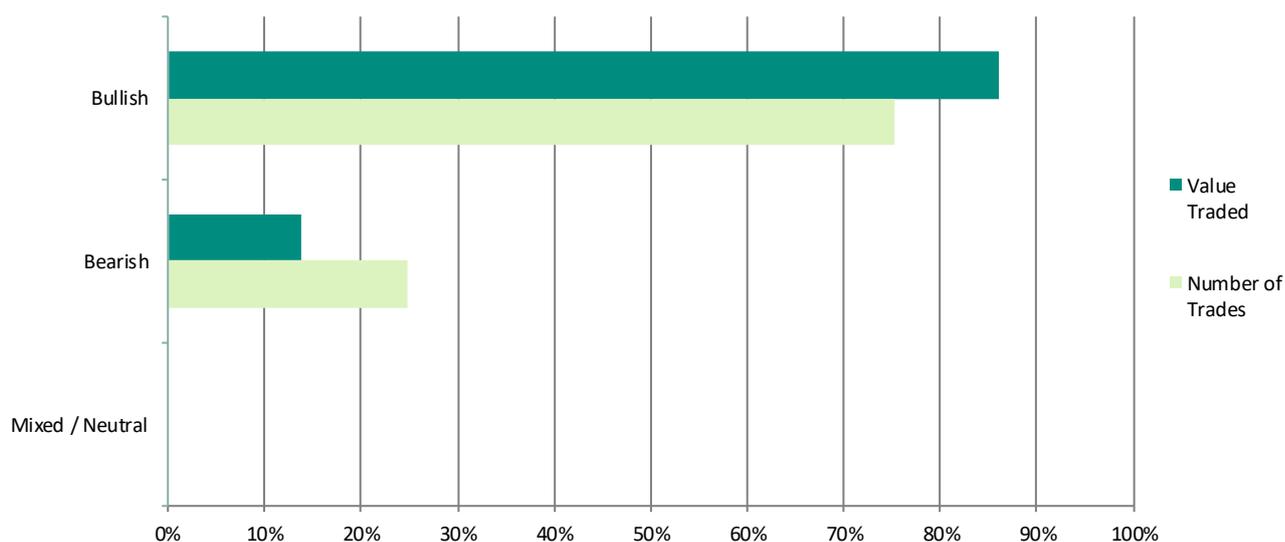
## Market Overview

The table below displays the daily averages of value traded and number of trades per product strategy on Interbolsa instruments traded on Euronext's pan-European MTF, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each product strategy over the total.

The chart at the bottom of the page represents the weight of each product strategy in terms of value traded and number of trades.

Product Strategies	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
Bullish	1,906	111%	63%	86.1%	138	34.2%	5.0%	75.3%
Bearish	307	89%	21%	13.9%	45	27%	13.5%	24.7%
Mixed / Neutral	0			0.0%	0.0			0.0%
Total	2,213	107.4%	55.9%	100%	183	32.4%	7.0%	100%

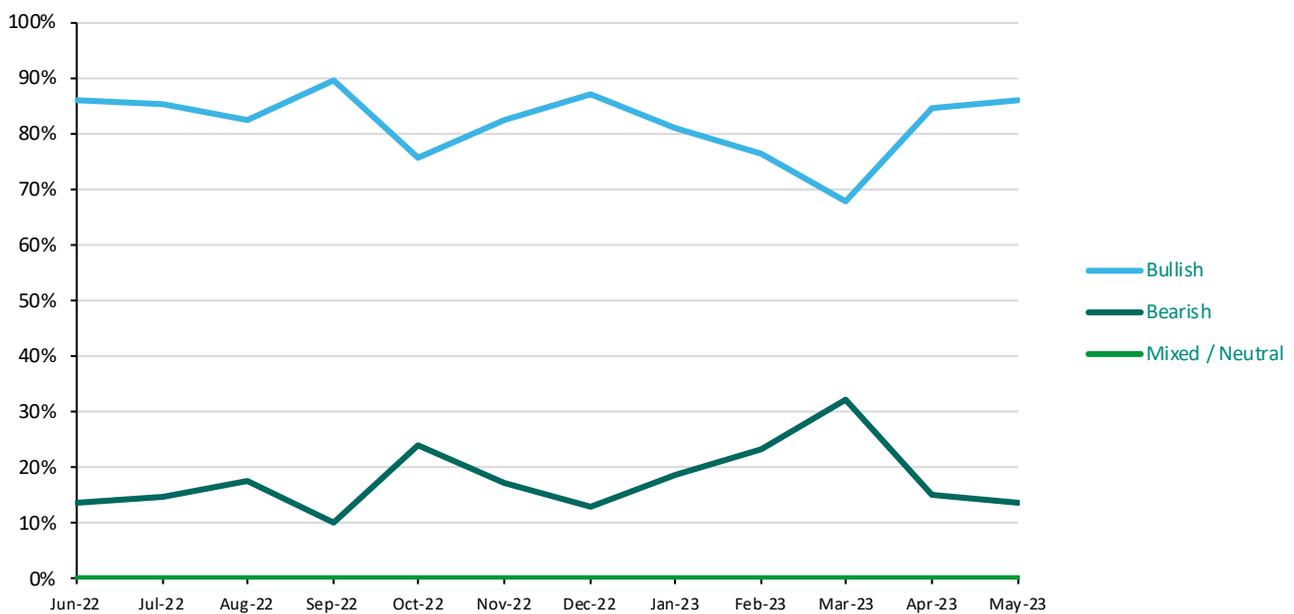
(Source Euronext)



# PRODUCT STRATEGIES

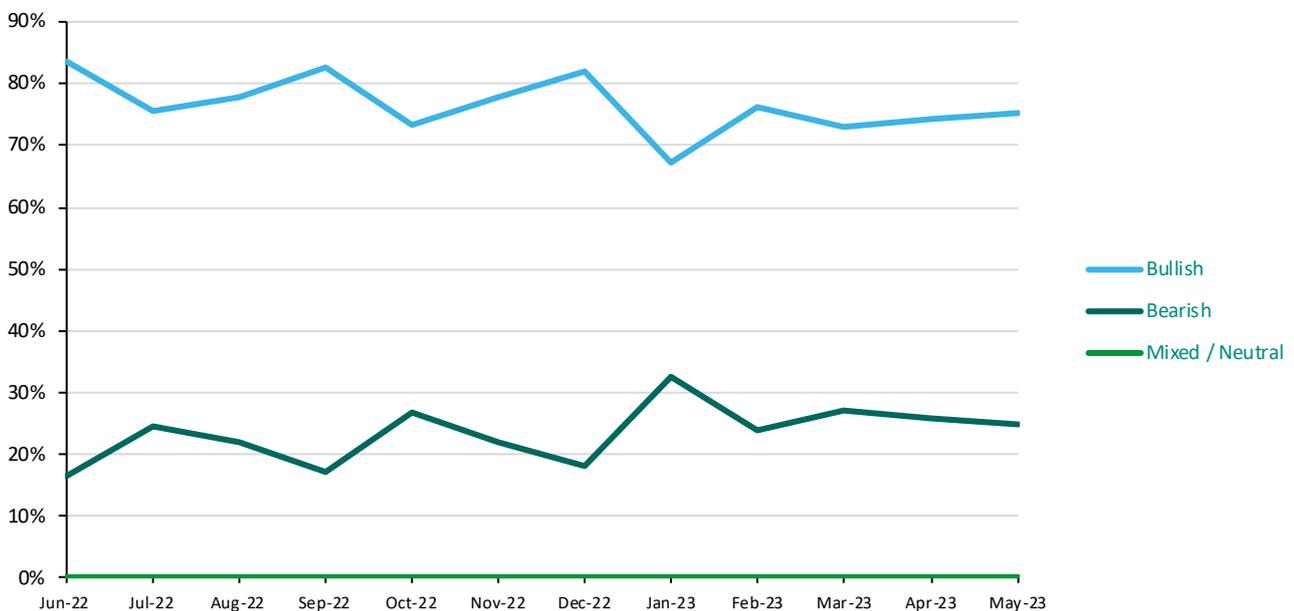
## Market Trend: Value traded

The historical graph below displays the weight of the value traded for each product type over the total value traded on Interbolsa instruments traded on Euronext's pan-European MTF.



## Market Trend: Number of trades

The historical graph below displays the weight of the number of trades of each product type over the total number of trades on Interbolsa instruments traded on Euronext's pan-European MTF.



# PRODUCT STRATEGIES

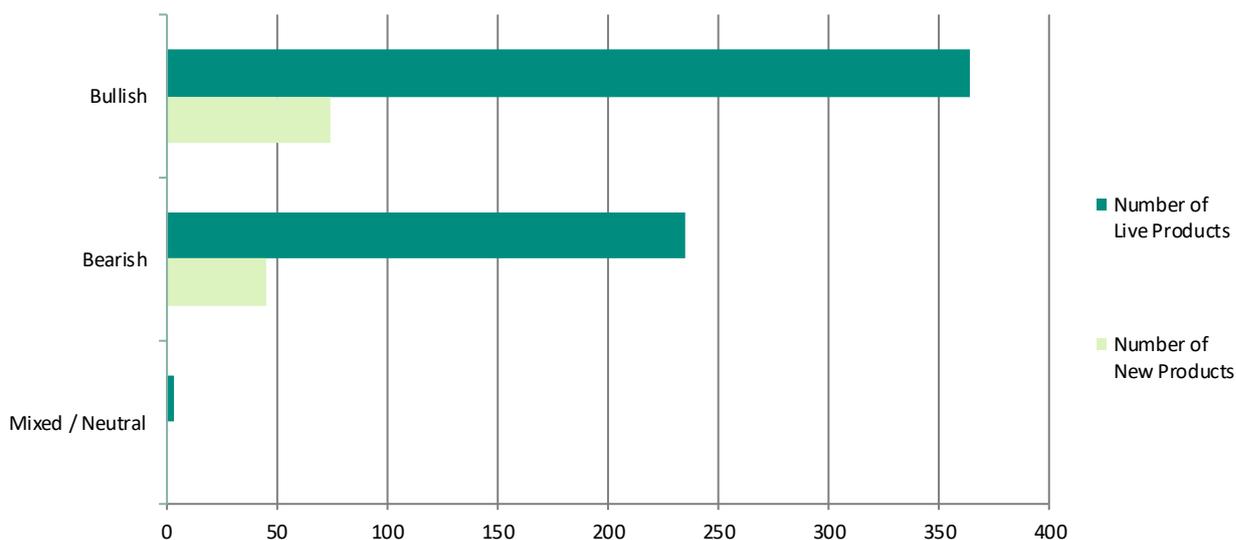
## Product Overview

The table below displays the daily average number of live products and the number of new products per product strategy on Interbolsa instruments traded on Euronext's pan-European MTF, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each product strategy over the total.

The chart at the bottom of the page represents the number of live products and number of new products for each product strategy.

Strategies	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Bullish	364	6.6%	17.6%	60.5%	74	90%	-33%	62.2%
Bearish	235	-0.5%	-10.1%	39.0%	45	45%	-50%	37.8%
Mixed / Neutral	3	0.0%	-30%	0.5%	0			0.0%
Total	602	3.7%	4.6%	100%	119	70.0%	-40.5%	100%

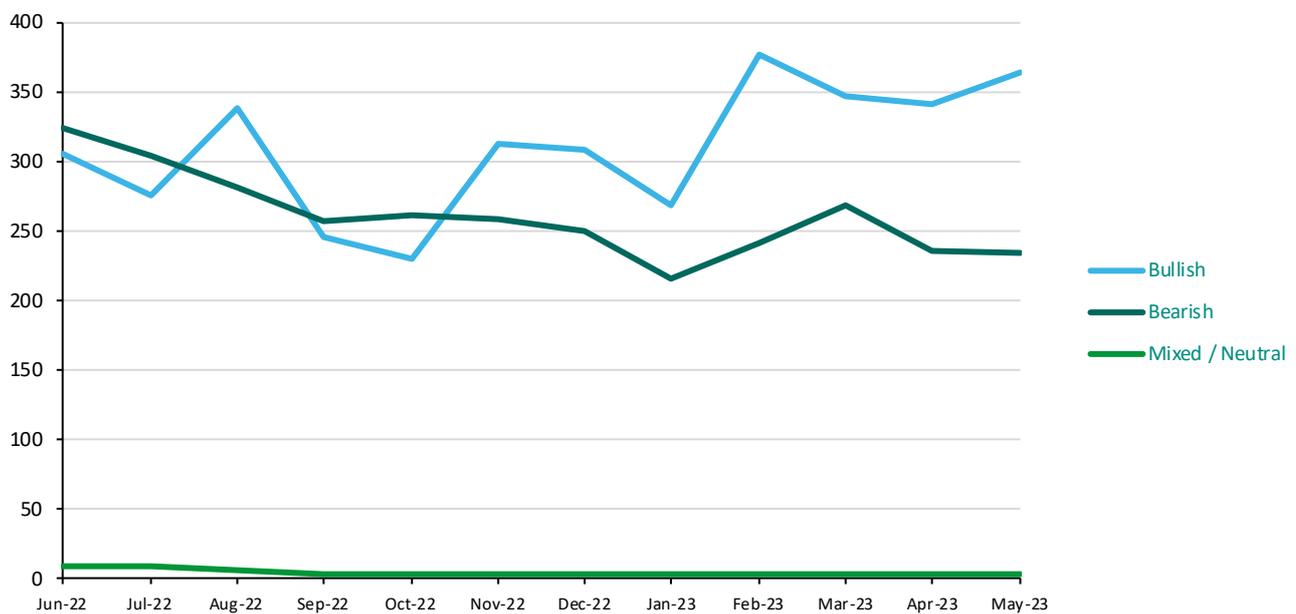
(Source Euronext)



# PRODUCT STRATEGIES

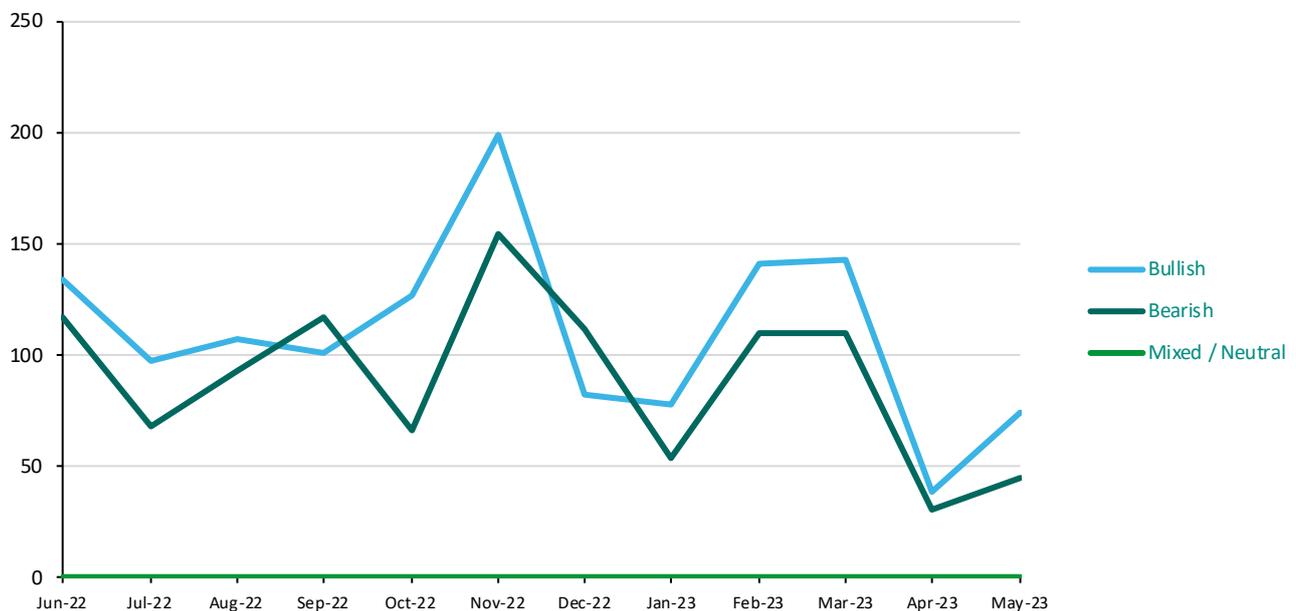
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each product type on Interbolsa instruments traded on Euronext's pan-European MTF.



## Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each product type on Interbolsa instruments traded on Euronext's pan-European MTF.



# UNDERLYING TYPES

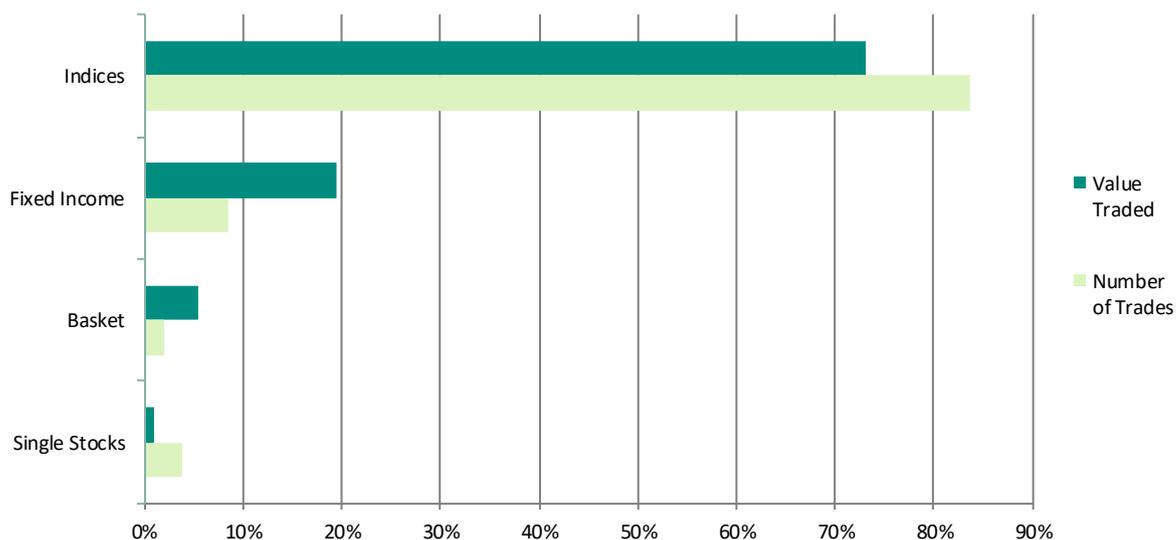
## Market Overview

The table below displays the daily averages of value traded and number of trades per underlying type on Interbolsa instruments traded on Euronext's pan-European MTF, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each underlying type over the total.

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

Underlying Types	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
Indices	1,618	80%	32%	73.1%	153	32.9%	1.8%	83.6%
Fixed Income	431		NA	19.5%	16		NA	8.6%
Basket	119	147%	52%	5.4%	3.7	44.1%	53.9%	2.0%
Single Stocks	22	-25%	-30%	1.0%	7.1	-39.2%	-26.7%	3.9%
<b>Total</b>	<b>2,213</b>	<b>107.4%</b>	<b>55.9%</b>	<b>100%</b>	<b>183</b>	<b>32.4%</b>	<b>7.0%</b>	<b>100%</b>

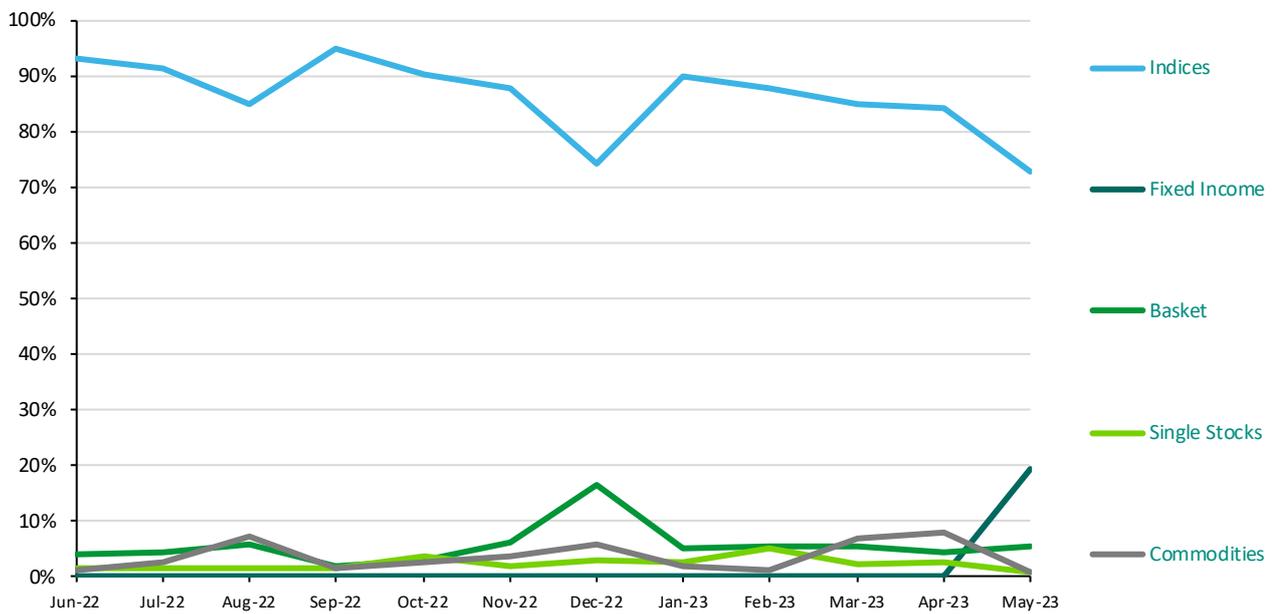
(Source Euronext)



# UNDERLYING TYPES

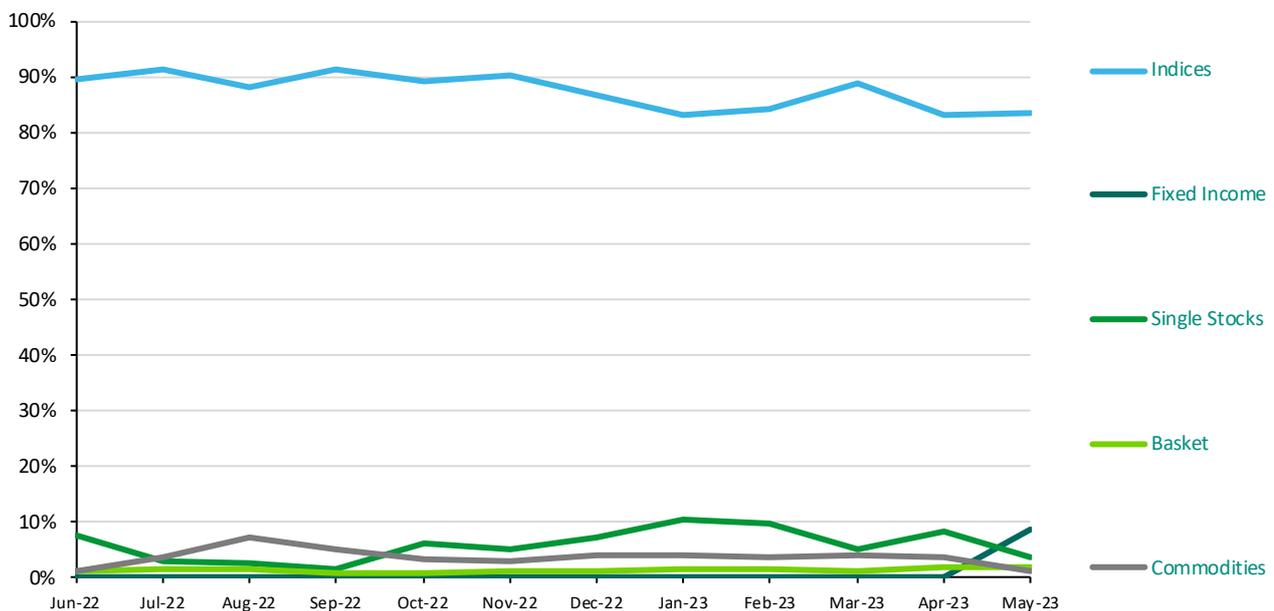
## Market Trend: Value traded

The historical graph below displays the weight of the value traded for each underlying type over the total value traded on Interbolsa instruments traded on Euronext’s pan-European MTF.



## Market Trend: Number of trades

The historical graph below displays the weight of the number of trades of each underlying type over the total number of trades on Interbolsa instruments traded on Euronext’s pan-European MTF.



## UNDERLYING TYPES

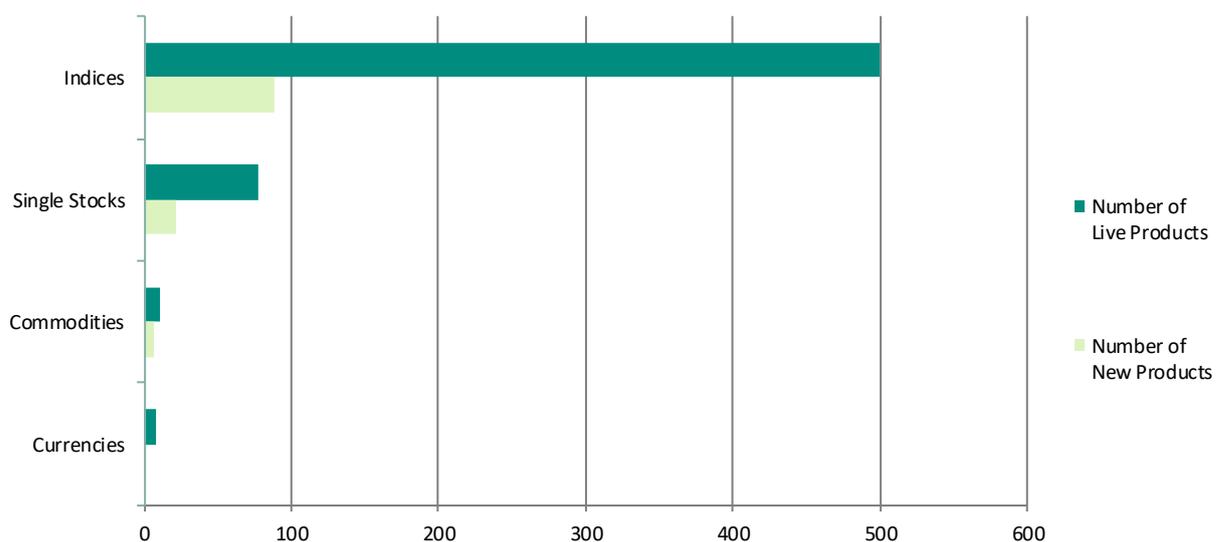
### Product Overview

The table below displays the daily average number of live products and the number of new products per underlying type on Interbolsa instruments traded on Euronext's pan-European MTF, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each underlying type over the total.

The chart at the bottom of the page represents the number of live products and number of new products for each underlying type.

Underlying Types	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Indices	500	4.7%	8.5%	83.0%	88	54%	-46%	73.9%
Single Stocks	78	1.8%	5.8%	12.9%	22	450%	15.8%	18.5%
Commodities	11	-20%	-61%	1.9%	7	-22%	-49%	5.9%
Currencies	8	-3.5%	0.2%	1.3%	1		-76%	0.8%
<b>Total</b>	<b>602</b>	<b>3.7%</b>	<b>4.6%</b>	<b>100%</b>	<b>119</b>	<b>70.0%</b>	<b>-40.5%</b>	<b>100%</b>

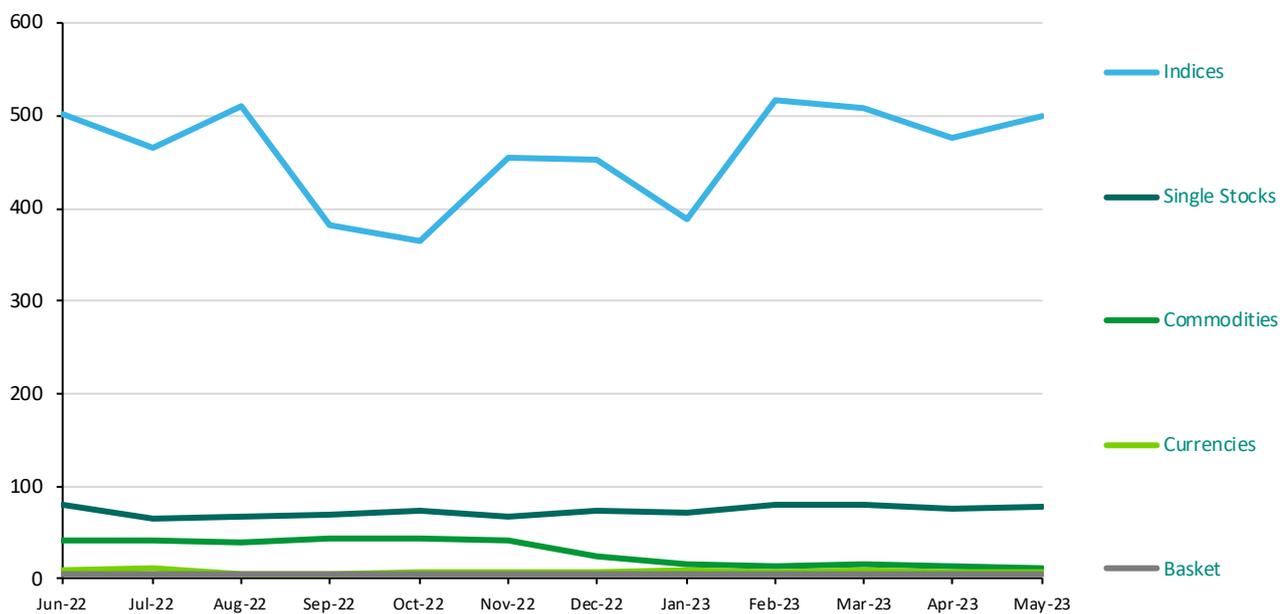
(Source Euronext)



# UNDERLYING TYPES

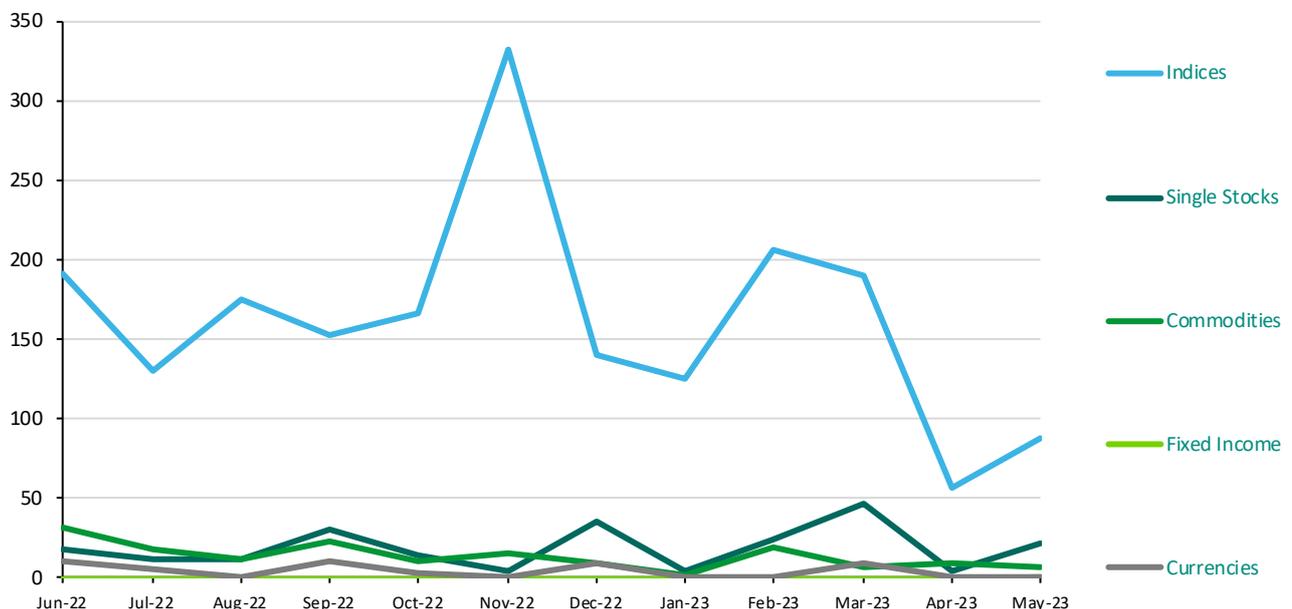
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each underlying type on Interbolsa instruments traded on Euronext's pan-European MTF.



## Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each underlying type on Interbolsa instruments traded on Euronext's pan-European MTF.



# TOP 10 UNDERLYING COUNTRIES

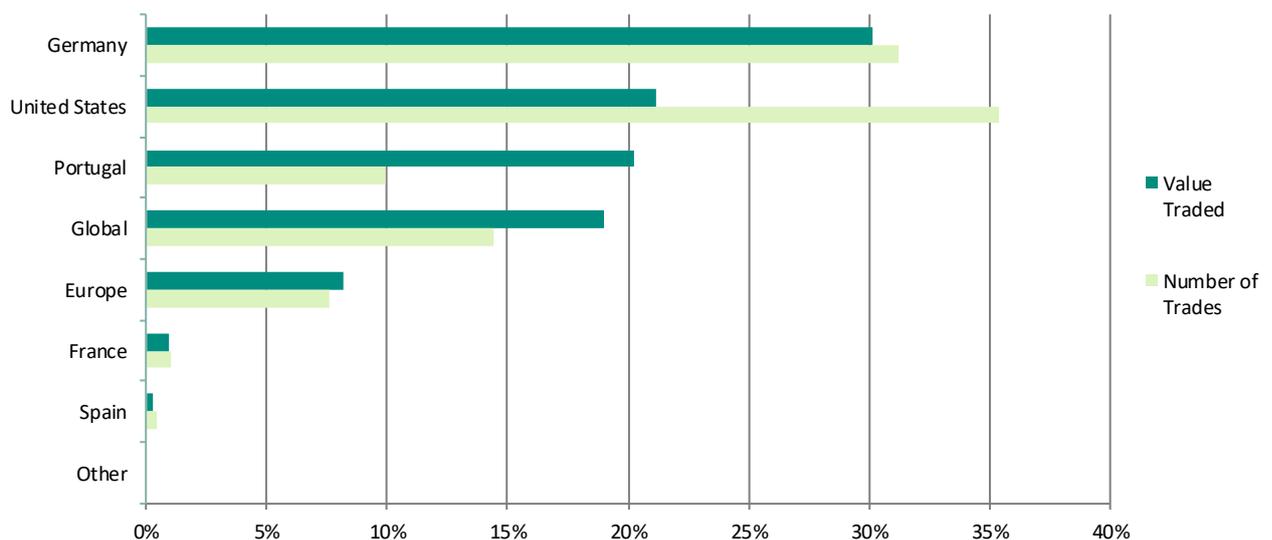
## Market Overview

The table below displays the daily averages of value traded and number of trades per country of origin of the underlying on Interbolsa instruments traded on Euronext's pan-European MTF, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each underlying country of origin over the total.

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

Underlying Countries	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
Germany	668	111%	65%	30.2%	57	21.3%	-3.8%	31.3%
United States	469	99%	7.3%	21.2%	65	38%	2.7%	35.4%
Portugal	448	NA	794%	20.2%	18	805%	371%	9.9%
Global	421	33%	10.6%	19.0%	26	4.7%	-11.0%	14.5%
Europe	181	2.5%	41%	8.2%	14	-1.4%	19.0%	7.6%
France	21	148%	40%	0.9%	1.8	-13.9%	-12.3%	1.0%
Spain	6	104%	1.7%	0.2%	0.7	9.1%	-39%	0.4%
Other	0		-100%	0.0%	0.0	-100%	-100%	0.0%
<b>Total</b>	<b>2,213</b>	<b>107.4%</b>	<b>55.9%</b>	<b>100%</b>	<b>183</b>	<b>32.4%</b>	<b>7.0%</b>	<b>100%</b>

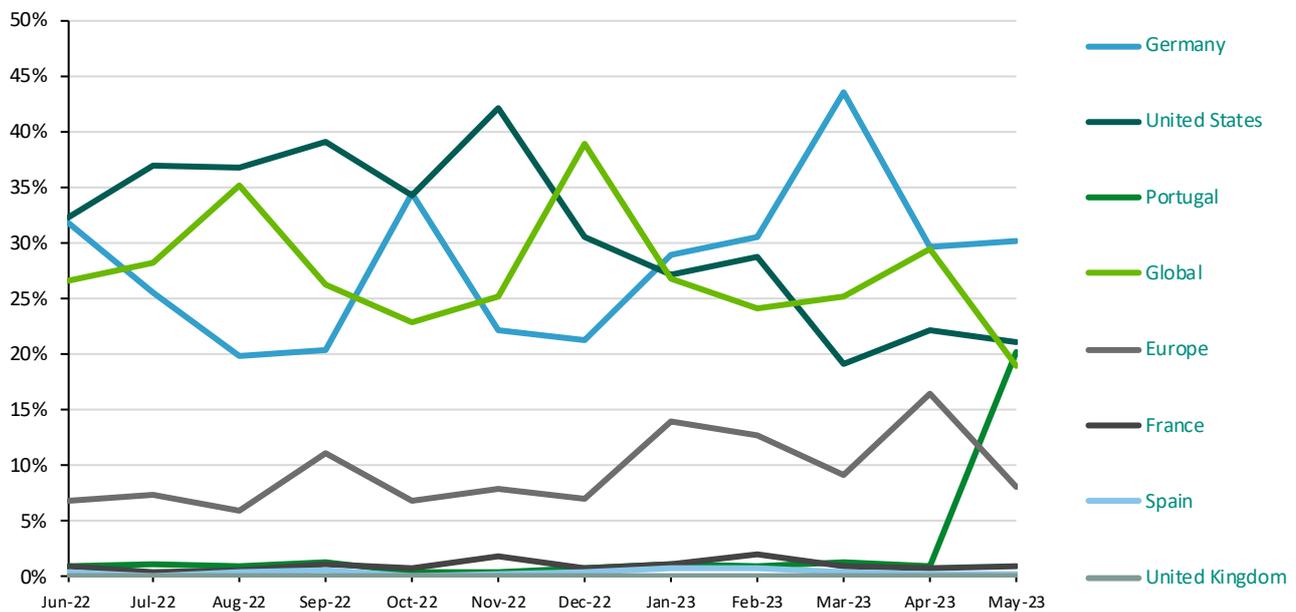
(Source Euronext)



# TOP 10 UNDERLYING COUNTRIES

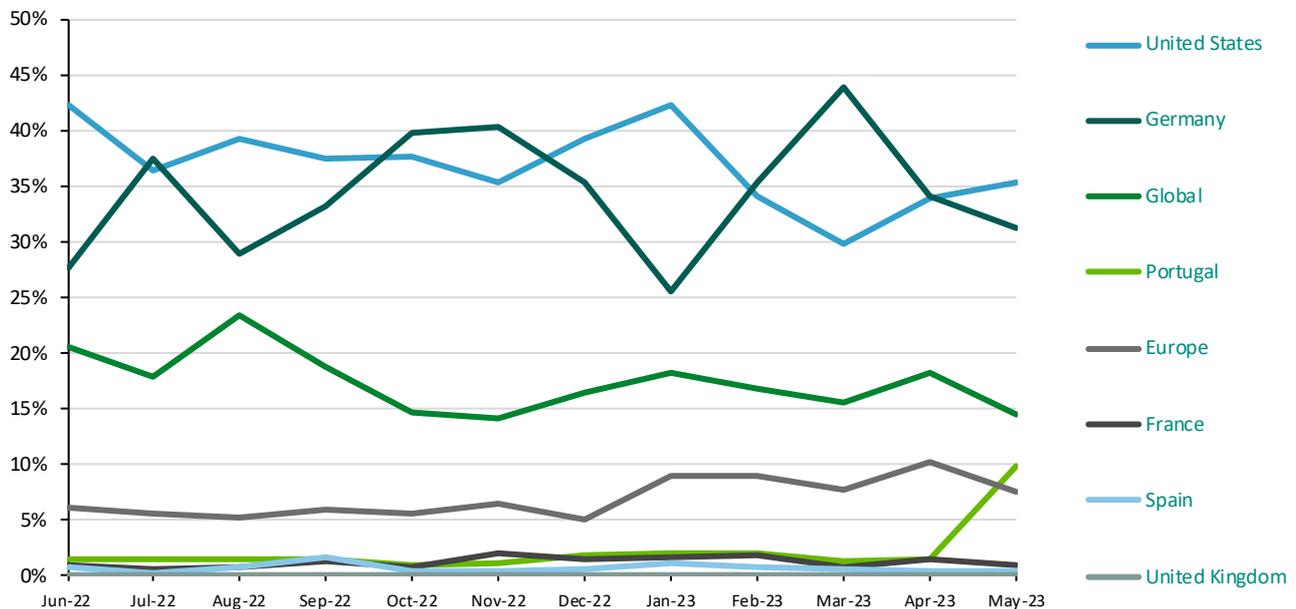
## Market Trend: Value traded

The historical graph below displays the weight of the value traded for each underlying country of origin over the total value traded on Interbolsa instruments traded on Euronext's pan-European MTF.



## Market Trend: Number of trades

The historical graph below displays the weight of the number of trades of each underlying country of origin over the total number of trades on Interbolsa instruments traded on Euronext's pan-European MTF.



# TOP 10 UNDERLYING COUNTRIES

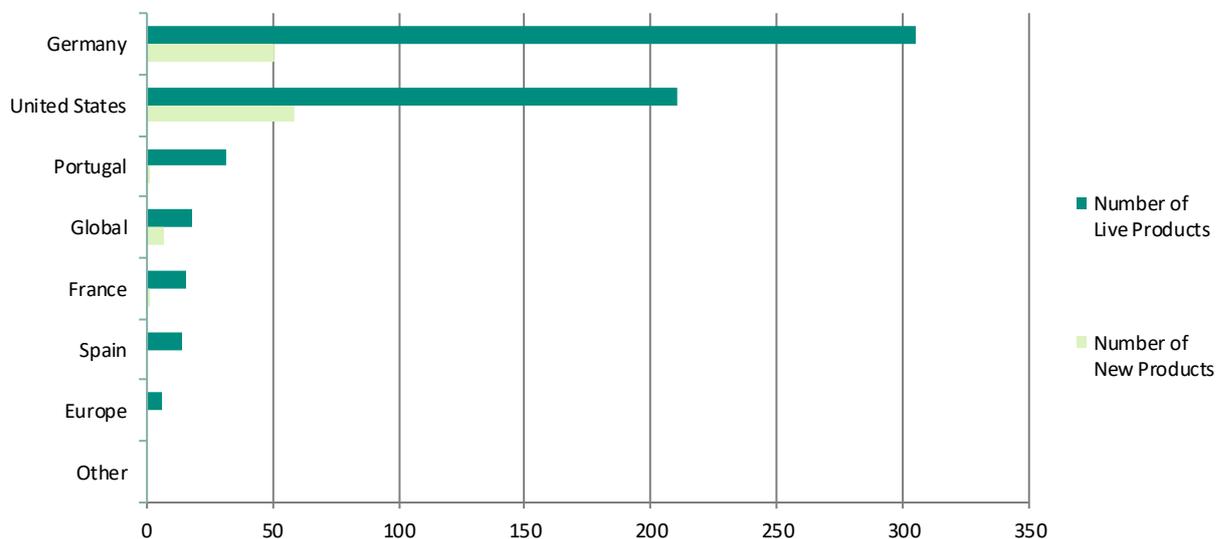
## Product Overview

The table below displays the daily average number of live products and the number of new products per country of origin of the underlying on Interbolsa instruments traded on Euronext's pan-European MTF, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each underlying country of origin over the total.

The chart at the bottom of the page represents the number of live products and number of new products for each top

Underlying Countries	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Germany	305	5.1%	10.8%	50.7%	51	168%	-33%	42.9%
United States	211	3.7%	12.5%	35.0%	59	69%	-41%	49.6%
Portugal	32	2.5%	-0.8%	5.3%	1		500%	0.8%
Global	18	-13.4%	-48%	3.0%	7	-22%	-49%	5.9%
France	16	8.1%	8.5%	2.6%	1	-86%	-83%	0.8%
Spain	14	0.0%	-42%	2.3%	0		-100%	0.0%
Europe	6	0.0%	-1.4%	1.0%	0			0.0%
Other	0	-100%	-100%	0.0%	0			0.0%
<b>Total</b>	<b>602</b>	<b>3.7%</b>	<b>4.6%</b>	<b>100%</b>	<b>119</b>	<b>70.0%</b>	<b>-40.5%</b>	<b>100%</b>

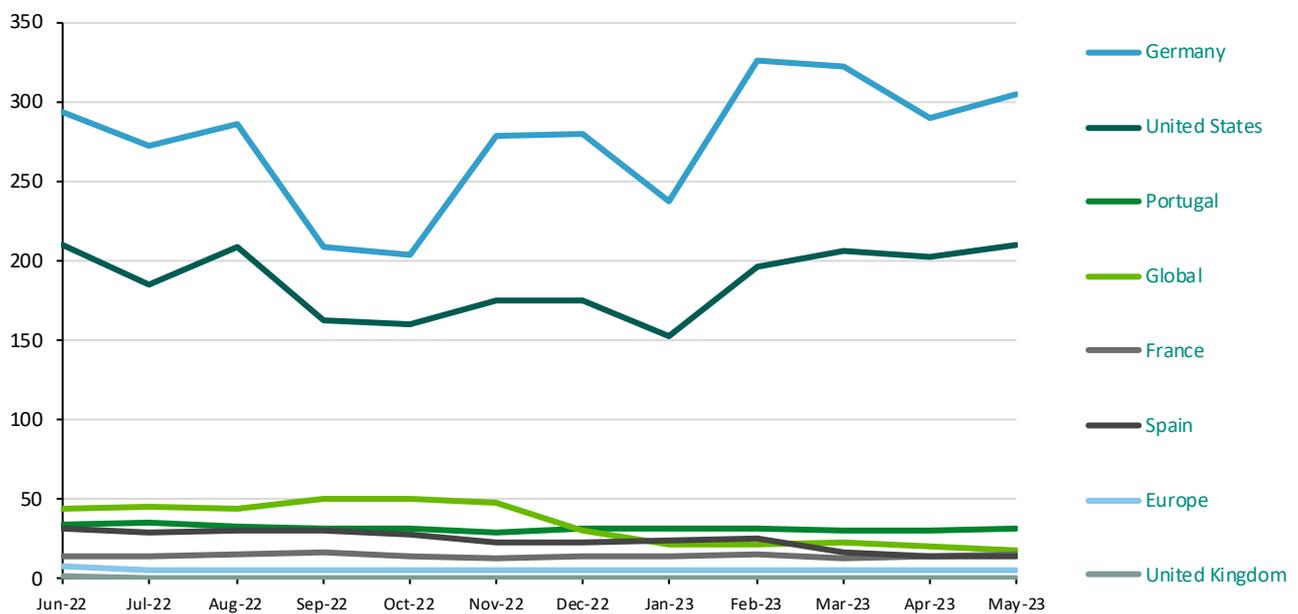
(Source Euronext)



# TOP 10 UNDERLYING COUNTRIES

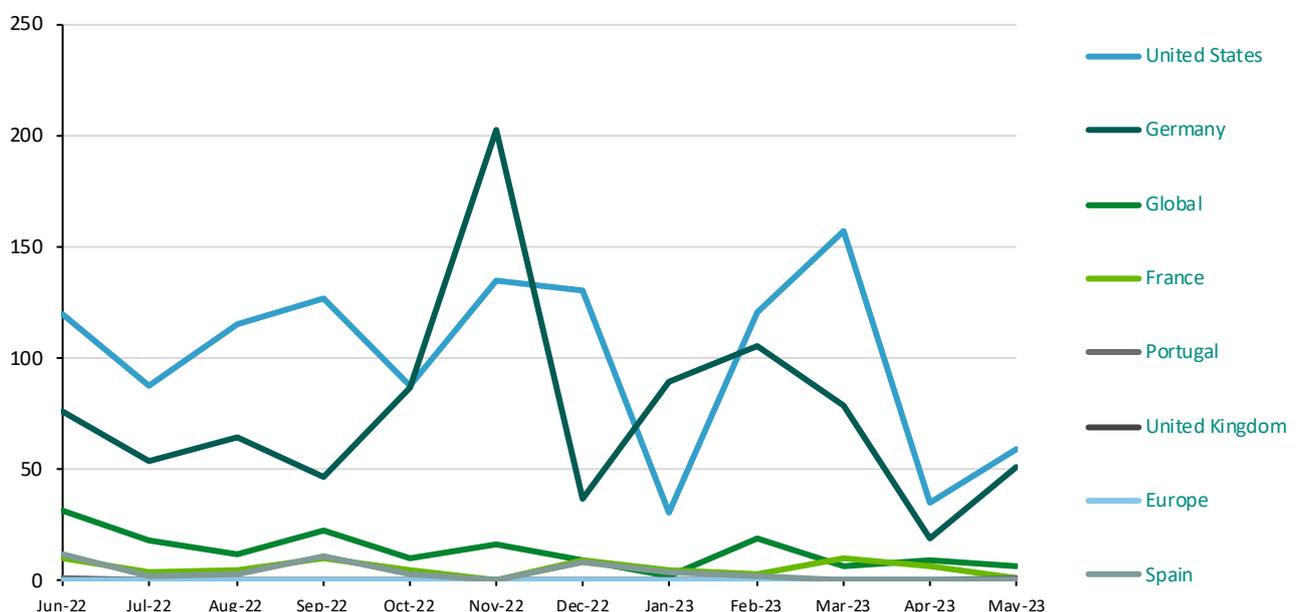
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each underlying country of origin on Interbolsa instruments traded on Euronext’s pan-European MTF.



## Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each underlying country of origin on Interbolsa instruments traded on Euronext’s pan-European MTF.



# TOP 10 UNDERLYINGS

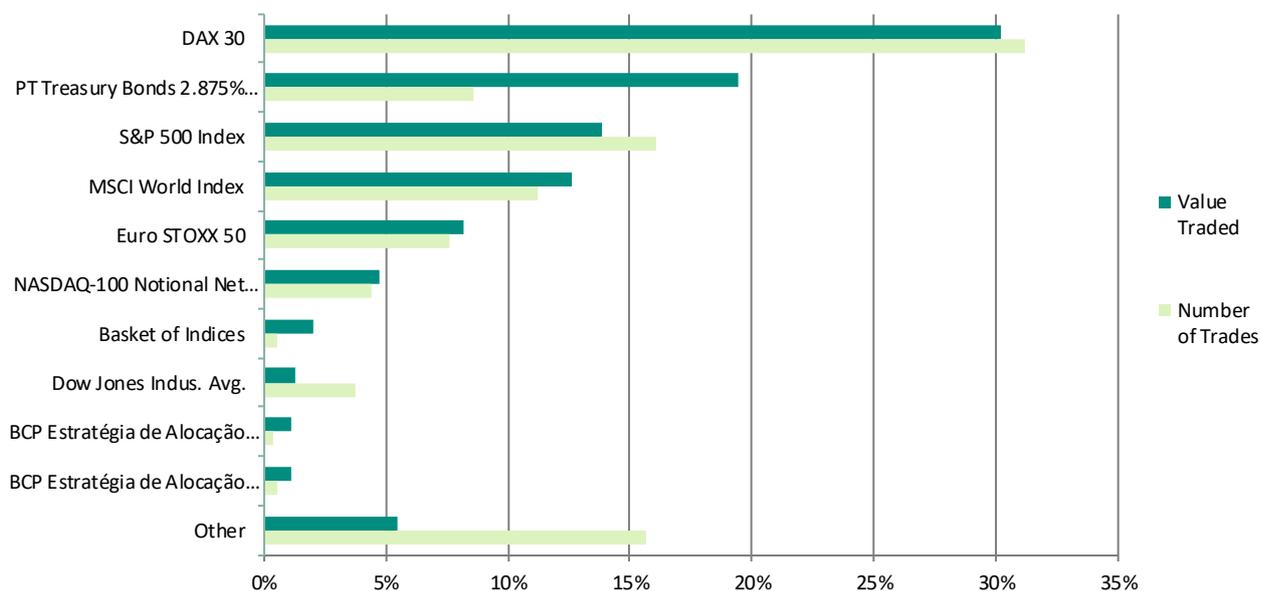
## Market Overview

The table below displays the daily averages of value traded and number of trades for the top 10 underlyings on Interbolsa instruments traded on Euronext's pan-European MTF, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each of the top 10 underlyings over the total.

The chart at the bottom of the page represents the weight of each of the top 10 underlyings in terms of value traded and number of trades.

Underlyings	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
DAX 30	668	111%	65%	30.2%	57	21.2%	-3.9%	31.2%
PT Treasury Bonds 2.875% (Oct. 2025)	431		NA	19.5%	16		NA	8.6%
S&P 500 Index	306	89%	10.9%	13.8%	29	44%	9.7%	16.1%
MSCI World Index	279	53%	11.2%	12.6%	21	17.5%	-2.7%	11.2%
Euro STOXX 50	181	2.5%	41%	8.2%	14	-1.4%	19.0%	7.6%
NASDAQ-100 Notional Net Total Return	104	171%	60%	4.7%	8.0	88%	33%	4.4%
Basket of Indices	44	102%	4.3%	2.0%	1.0	38%	22%	0.5%
Dow Jones Indus. Avg.	29	968%	310%	1.3%	6.8	408%	169%	3.7%
BCP Estratégia de Alocação Dinâmica	25	136%	98%	1.1%	0.7	-6.5%	36%	0.4%
BCP Estratégia de Alocação Moderada	24	162%	161%	1.1%	1.0	64%	173%	0.5%
Other	121			5.5%	29			15.7%
<b>Total</b>	<b>2,213</b>	<b>107.4%</b>	<b>55.9%</b>	<b>100%</b>	<b>183</b>	<b>32.4%</b>	<b>7.0%</b>	<b>100%</b>

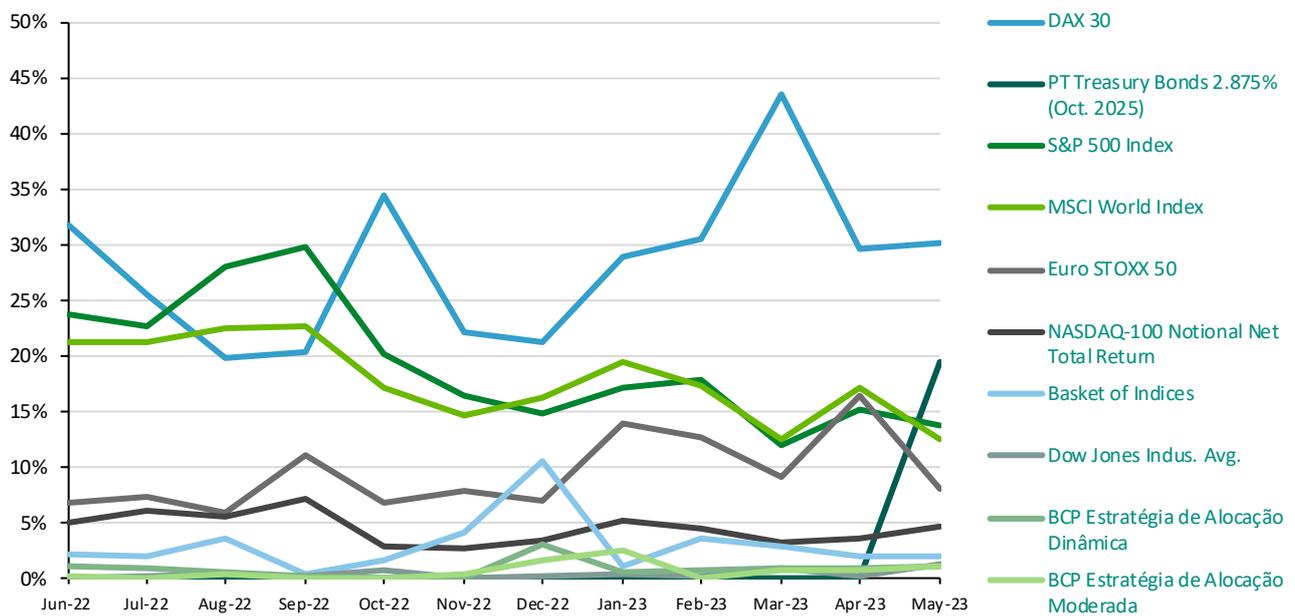
(Source Euronext)



# TOP 10 UNDERLYINGS

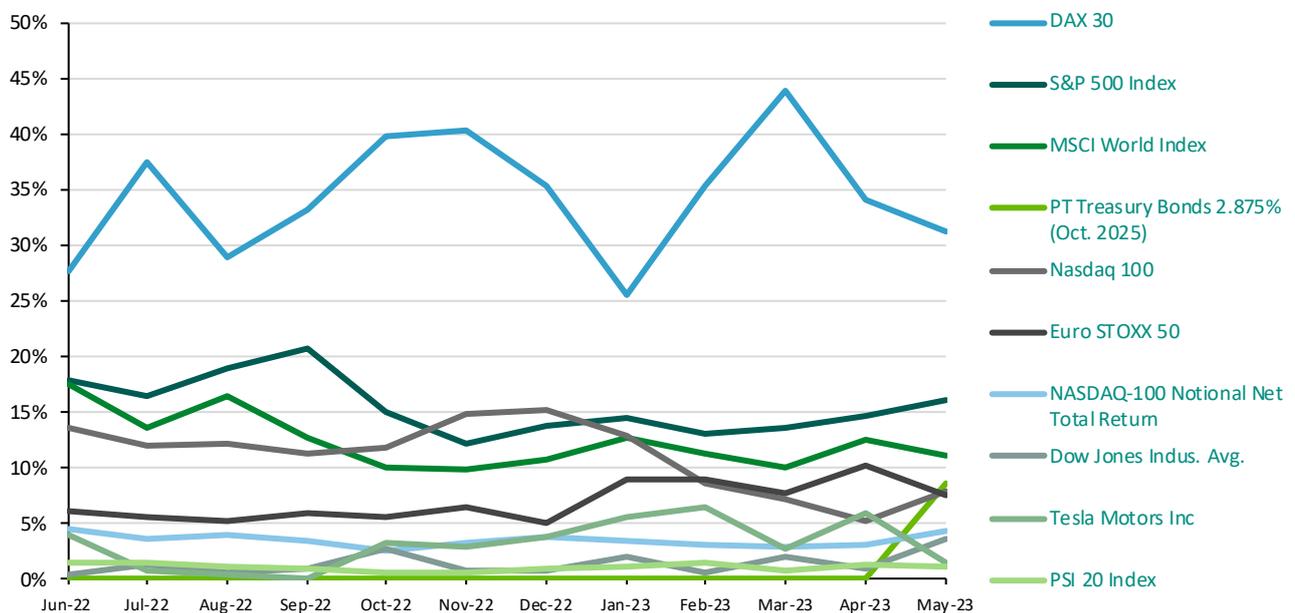
## Market Trend: Value traded

The historical graph below displays the weight of the value traded for each top 10 underlying over the total value traded on Interbolsa instruments traded on Euronext's pan-European MTF.



## Market Trend: Number of trades

The historical graph below displays the weight of the number of trades of each top 10 underlying over the total number of trades on Interbolsa instruments traded on Euronext's pan-European MTF.



# TOP 10 UNDERLYINGS

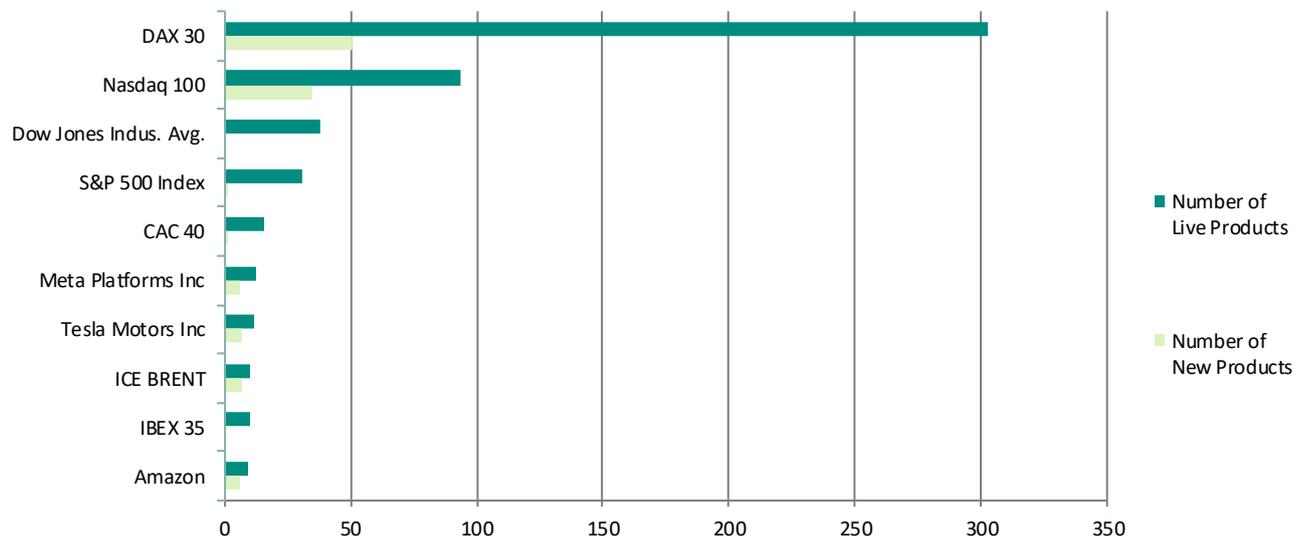
## Product Overview

The table below displays the daily average number of live products and the number of new products for the top 10 underlyings on Interbolsa instruments traded on Euronext's pan-European MTF, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each of the top 10 underlyings over the total.

The chart at the bottom of the page represents the number of live products and number of new products for each top 10 underlying.

Underlyings	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
DAX 30	302	5.1%	11.0%	50.2%	51	168%	-33%	42.9%
Nasdaq 100	93	8.8%	5.1%	15.5%	35	67%	-28%	29.4%
Dow Jones Indus. Avg.	38	-3.4%	32%	6.4%	0	-100%	-100%	0.0%
S&P 500 Index	31	0.7%	8.8%	5.1%	1	-80%	-93%	0.8%
CAC 40	16	8.1%	8.8%	2.6%	1	-86%	-83%	0.8%
Meta Platforms Inc	12	5.4%	84%	2.0%	6	100%	31%	5.0%
Tesla Motors Inc	11	12.4%	14.2%	1.9%	7	600%	9.1%	5.9%
ICE BRENT	10	55%	91%	1.7%	7	-22%	115%	5.9%
IBEX 35	10	0.0%	-46%	1.7%	0		-100%	0.0%
Amazon	9	-3.9%	15.5%	1.5%	6		29%	5.0%
Other	69	-8.2%	-27%	11.4%	5			4.2%
<b>Total</b>	<b>602</b>	<b>3.7%</b>	<b>4.6%</b>	<b>100%</b>	<b>119</b>	<b>70.0%</b>	<b>-40.5%</b>	<b>100%</b>

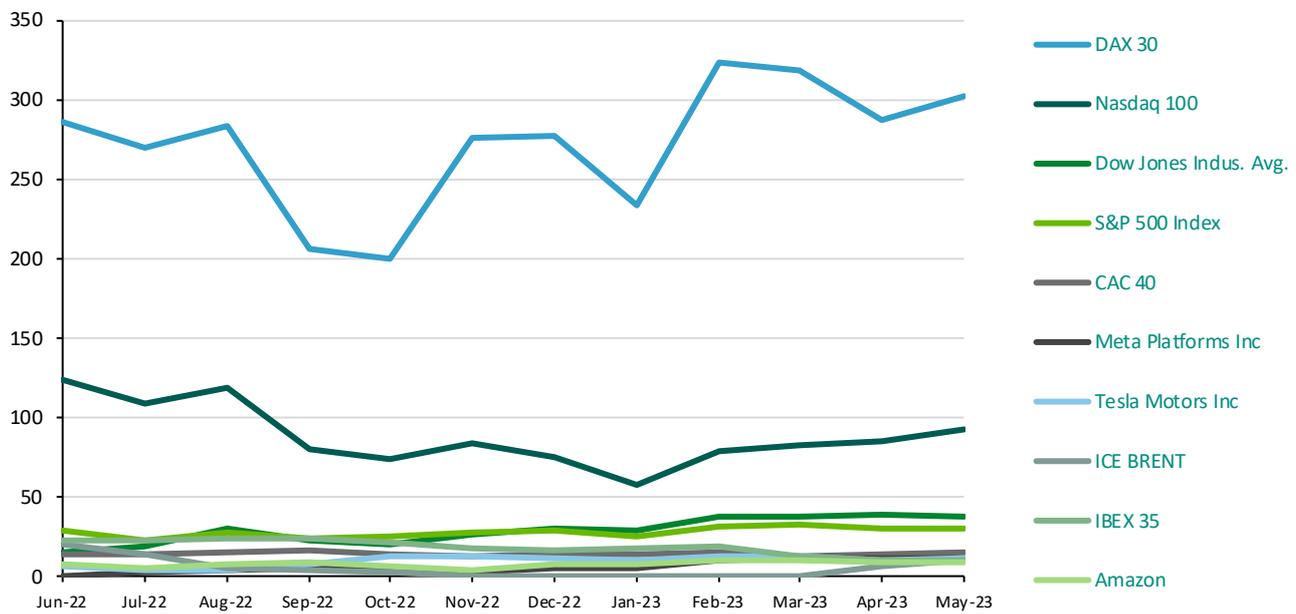
(Source Euronext)



# TOP 10 UNDERLYINGS

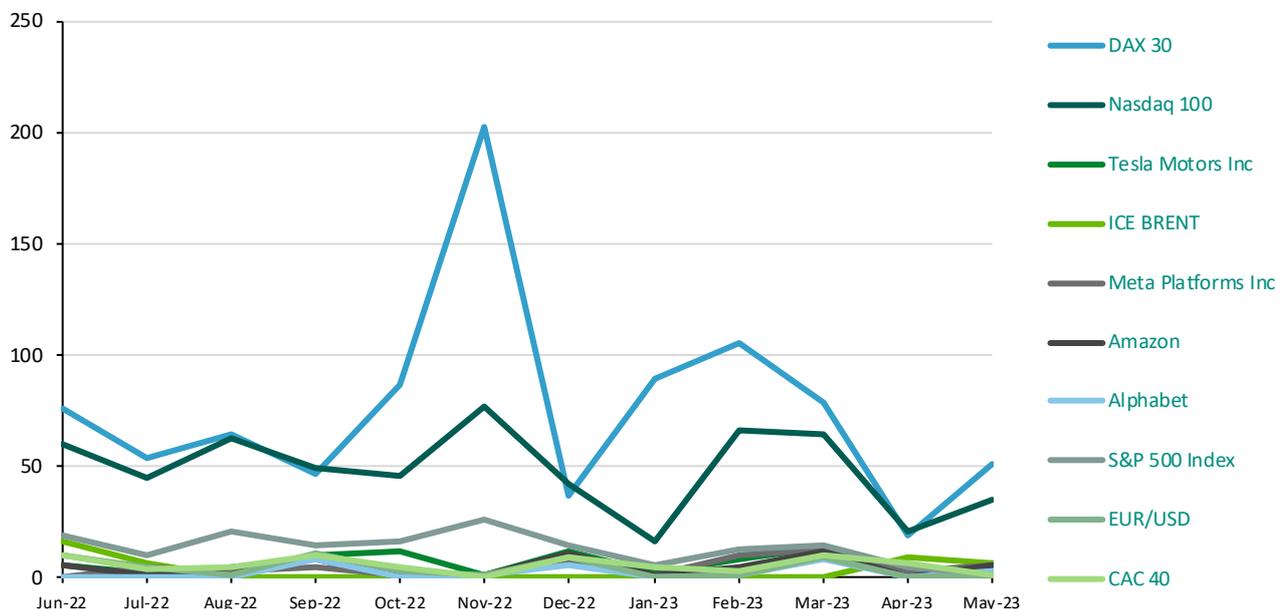
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each top 10 underlying on Interbolsa instruments traded on Euronext's pan-European MTF.



## Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each top 10 underlying on Interbolsa instruments traded on Euronext's pan-European MTF.



# TOP 50 TRADED PRODUCTS

## Top 50 traded products

The table below displays the 50 most traded products (in terms of value traded) on Interbolsa instruments traded on Euronext's pan-European MTF.

ISIN Code	Issuer	Product Type	Underlying	Value Traded (in €k)	Nb of Trades	
PTBCPIYM0063	BCP	1300	Tracker Certificates	PT Treasury Bonds 2.875% (Oct	9,476	344
PTBITHYM0080	BCP	1300	Tracker Certificates	S&P 500 Index	6,238	382
PTBITTYE0094	BCP	1300	Tracker Certificates	MSCI World Index	6,141	451
PTBIVRYE0068	BCP	1300	Tracker Certificates	Euro STOXX 50	3,982	306
PTBCPZYM0047	BCP	1300	Tracker Certificates	NASDAQ-100 Notional Net Tot	2,298	177
DE000SQ4U2X2	Société Générale	2100	Warrants	DAX 30	2,281	31
DE000SV29BA0	Société Générale	2200	Knock-Out Warrants	DAX 30	1,273	51
DE000SV29BC6	Société Générale	2200	Knock-Out Warrants	DAX 30	1,255	65
DE000SV48319	Société Générale	2200	Knock-Out Warrants	DAX 30	977	22
PTBIT7YM0043	BCP	1300	Tracker Certificates	Basket of Indices	962	22
DE000SQ4U2L7	Société Générale	2100	Warrants	DAX 30	887	16
DE000SV48368	Société Générale	2200	Knock-Out Warrants	DAX 30	799	31
PTBITEYE0034	BCP	1300	Tracker Certificates	DAX 30	775	60
DE000SQ4BHR8	Société Générale	2100	Warrants	DAX 30	728	11
DE000KG9TU70	Citi	2200	Knock-Out Warrants	DAX 30	616	54
PTBIT5YM0086	BCP	1300	Tracker Certificates	BCP Estratégia de Alocação Di	554	16
DE000SV29BB8	Société Générale	2200	Knock-Out Warrants	DAX 30	550	47
PTBIT8YM0042	BCP	1300	Tracker Certificates	BCP Estratégia de Alocação M	538	22
DE000KG9TU88	Citi	2200	Knock-Out Warrants	DAX 30	529	34
DE000SV1B463	Société Générale	2200	Knock-Out Warrants	DAX 30	494	48
PTBCPAYM0053	BCP	1300	Tracker Certificates	Gold	460	29
PTBIWKYE0023	BCP	1300	Tracker Certificates	CAC 40	438	28
DE000KH45KW7	Citi	2200	Knock-Out Warrants	DAX 30	428	60
DE000SQ8W8D5	Société Générale	2100	Warrants	DAX 30	413	17
DE000KH45KF2	Citi	2200	Knock-Out Warrants	DAX 30	412	62
PTBIY1YE0064	BCP	1300	Tracker Certificates	PSI 20 Index	360	46
PTBIT4YM0087	BCP	1300	Tracker Certificates	BCP Estratégia de Alocação Co	328	14
DE000SV6RON0	Société Générale	2100	Warrants	DAX 30	321	6
DE000SQ8W6G2	Société Générale	2200	Knock-Out Warrants	DAX 30	306	8
DE000KG9TU54	Citi	2200	Knock-Out Warrants	DAX 30	269	29
PTBIT9YM0041	BCP	1300	Tracker Certificates	BCP Estratégia de Alocação Va	230	7
DE000SQ6N4V9	Société Générale	2100	Warrants	DAX 30	227	162
DE000SV2HVV4	Société Générale	2200	Knock-Out Warrants	Dow Jones Indus. Avg.	226	11
DE000SV1B5V5	Société Générale	2200	Knock-Out Warrants	S&P 500 Index	158	76
DE000SV48301	Société Générale	2200	Knock-Out Warrants	DAX 30	147	3
DE000KG9TU62	Citi	2200	Knock-Out Warrants	DAX 30	142	26
DE000SV14899	Société Générale	2200	Knock-Out Warrants	Dow Jones Indus. Avg.	136	24
DE000KH45J23	Citi	2200	Knock-Out Warrants	S&P 500 Index	135	64
DE000SQ8W784	Société Générale	2100	Warrants	DAX 30	131	132
PTBIXRYE0025	BCP	1300	Tracker Certificates	IBEX 35	121	16
DE000KH45KE5	Citi	2200	Knock-Out Warrants	DAX 30	110	23
DE000SV48350	Société Générale	2200	Knock-Out Warrants	DAX 30	106	2
DE000KH45JY5	Citi	2200	Knock-Out Warrants	Nasdaq 100	97	58
DE000SV6R0J8	Société Générale	2100	Warrants	DAX 30	87	38
DE000SV29BE2	Société Générale	2200	Knock-Out Warrants	Dow Jones Indus. Avg.	86	16
DE000SV29BJ1	Société Générale	2200	Knock-Out Warrants	Nasdaq 100	85	24
DE000SV483Y2	Société Générale	2200	Knock-Out Warrants	DAX 30	84	13
DE000SV29BF9	Société Générale	2200	Knock-Out Warrants	Dow Jones Indus. Avg.	72	24
DE000SQ6N407	Société Générale	2100	Warrants	Dow Jones Indus. Avg.	59	41
DE000SV6MZ85	Société Générale	2200	Knock-Out Warrants	DAX 30	54	2

(Source Euronext)

## Awarded Best Exchange for its Structured Products markets:

- SeDeX
- Cert-X  
(EuroTLX segment)



Borsa Italiana Securitised Derivatives markets represent:

**23,000** listed products from **25** issuers

the **3<sup>rd</sup>** position in terms of traded volumes in Europe  
(as of 31/12/2022)

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