



Warrants & Certificates

# Activity report

Issue 115  
February 2021

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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 28/02/2021)	606	47,667	32,343	1,412	<b>82,027</b>
New Products	269	17,482	11,192	208	<b>29,151</b>
New Products YTD	505	38,213	20,603	641	<b>59,962</b>
Value Traded (in €m)	12.6	444.1	519.2	75.9	<b>1,051.7</b>
Value Traded YTD (in €m)	24.5	874.1	981.1	140.8	<b>2,020.5</b>
Value Traded ADV (in €m)	0.6	22.2	26.0	3.8	<b>52.6</b>
Value Traded YTD ADV (in €m)	0.6	21.9	24.5	3.5	<b>50.5</b>
Number of Trades	6,366	167,312	183,582	6,264	<b>363,524</b>
Number of Trades YTD	16,368	339,296	365,425	11,602	<b>732,691</b>
Number of Trades ADV	318	8,366	9,179	313	<b>18,176</b>
Number of Trades YTD ADV	409	8,482	9,136	290	<b>18,317</b>

(Source Euronext)

# PARIS REAL ESTATE FUTURES CONTRACT



## EURONEXT FUTURES CONTRACT ON PARIS RESIDENTIAL REAL ESTATE

Euronext's futures contract on real estate proposes an innovative, alternative solution for investors seeking exposure to the Paris real estate market without the constraints of physical investment.

The contract is based on the PARISSQM index, a new reference price for Paris Residential Real Estate, created by Compass Financial Technologies and Kalstone, which has been live since May 2018.

Based solely on real transaction data, the index is published every two weeks with a six-week lag and quoted in euro per square metre.

The Compass Kalstone Paris Residential Property Index has been designed to provide a responsive and consistent benchmark for typical transacted prices in the residential real estate market.



### ABOUT THE INDEX

- The first investable benchmark to replicate the evolution of Paris real estate housing prices
- Based on a proprietary methodology using central tendency, stratification and noise filtering techniques
- Published every two weeks with a lag of six weeks. Index value represents the observed transacted price per square metre over the specific two-week period.
- The first pure proxy index (per square metre in euro) for the residential real estate market in Paris; based on real transaction data reported by the Paris Notaires Services\*
- More than 10 years data history collected and price evolution available on Bloomberg and Reuters.
- Compass Kalstone is a complementary partnership between financial indices expert Compass and real estate and finance solution provider Kalstone.

### BENEFITS OF THE PARIS REAL ESTATE FUTURES CONTRACT FOR USERS:

- Develop a flexible and efficient strategy to diversify property or trading portfolios.
- Hedge portfolio price risks with real estate futures
- The index reflects exact actual transactions, allowing investors to have accurate exposure to the real estate market, in a price per square metre
- Counterparty risk mitigation through LCH SA
- Cost efficiency: eliminates the constraints of a physical investment (no public notary required) and much lower capital requirements
- Transparency and liquidity: real-time quotation throughout market opening hours
- Financial leverage and flexibility
- Benefit from movements in housing prices

### Find out more

To find out more about the Paris real estate futures contract, contact the Euronext Commodities team at:

[commodities@euronext.com](mailto:commodities@euronext.com)

**Business Development:** +33 1 70 48 28 48

**Product Development:** +33 1 70 48 28 49

\* All property transactions in France must be made through a 'notaire', a legal specialist who is a public official acting on behalf of the French state.



All Instruments

# ISSUERS

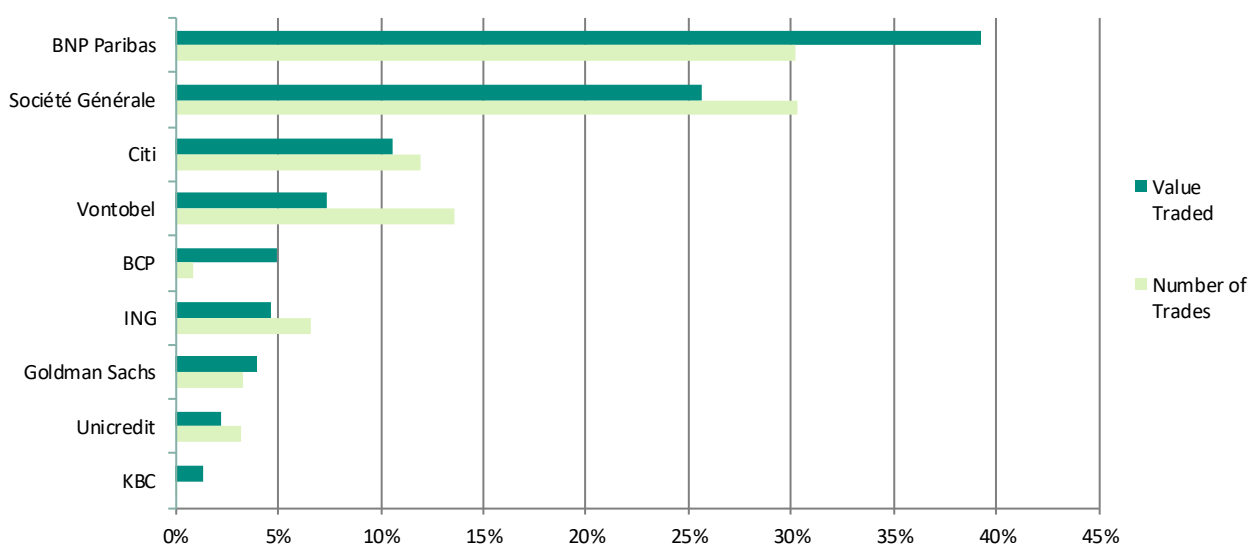
## Market Overview

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	20,700	11.3%	1.2%	39.3%	5,491	5.8%	0.8%	30.2%
Société Générale	13,532	1.6%	15.5%	25.7%	5,513	-4.8%	13.5%	30.3%
Citi	5,575	4.7%	17.7%	10.6%	2,171	8.0%	9.8%	11.9%
Vontobel	3,905	7.2%	-15.1%	7.4%	2,469	-9.3%	8.1%	13.6%
BCP	2,590	2.5%	61%	4.9%	152	1.4%	32.6%	0.8%
ING	2,458	32%	-27%	4.7%	1,198	-6.4%	-11.3%	6.6%
Goldman Sachs	2,105	-7.1%	-19.7%	4.0%	596	-28.0%	-27.5%	3.3%
Unicredit	1,149	28%	1.0%	2.2%	581	18.7%	10.5%	3.2%
KBC	691	NA	383%	1.3%	5.3	NA	372.6%	0.0%
<b>Total</b>	<b>52,705</b>	<b>8.8%</b>	<b>3.9%</b>	<b>100%</b>	<b>18,177</b>	<b>-1.5%</b>	<b>3.6%</b>	<b>100%</b>

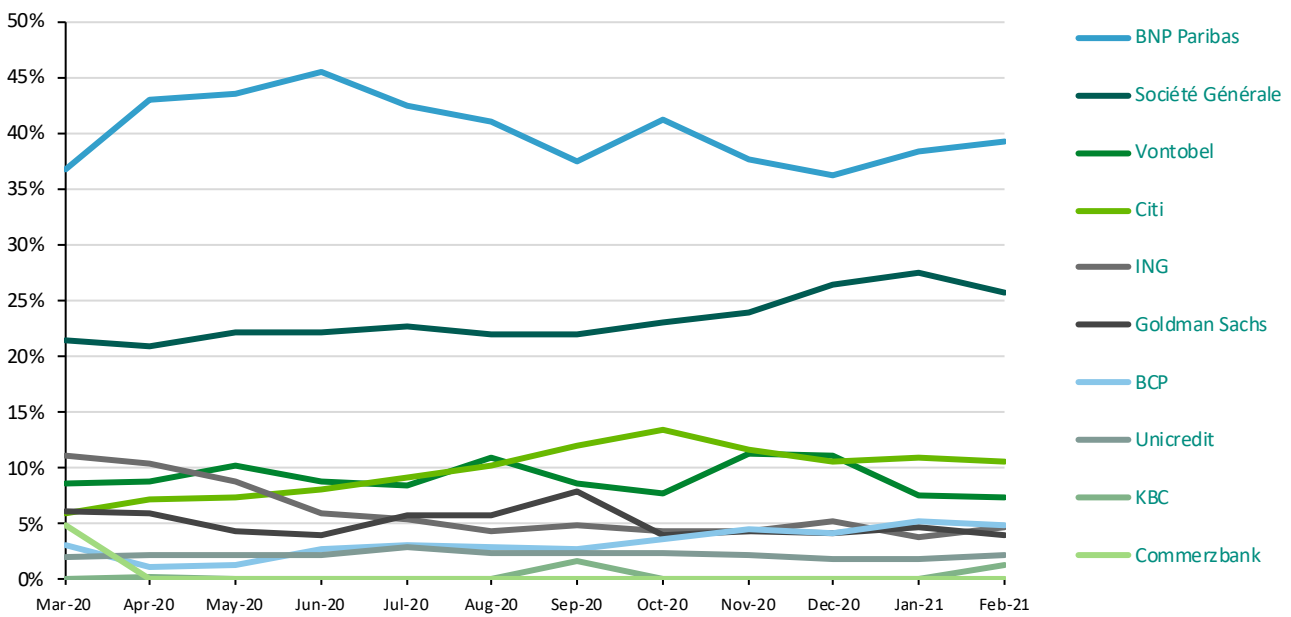
(Source Euronext)



# ISSUERS

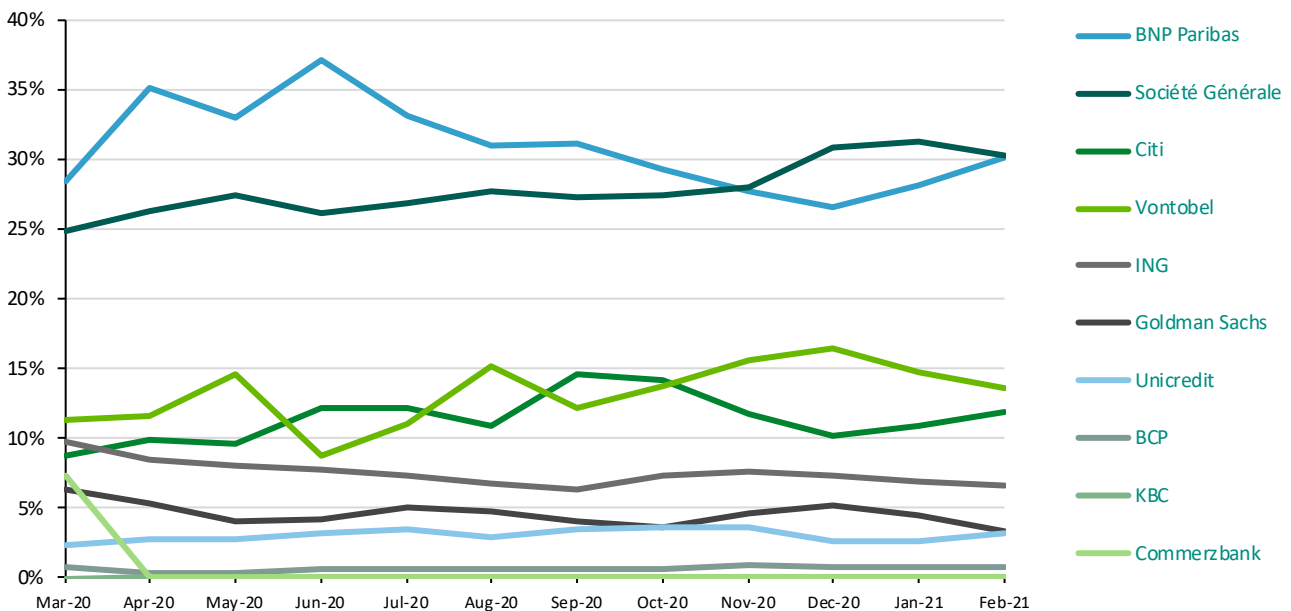
## Market Trend: Value traded

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

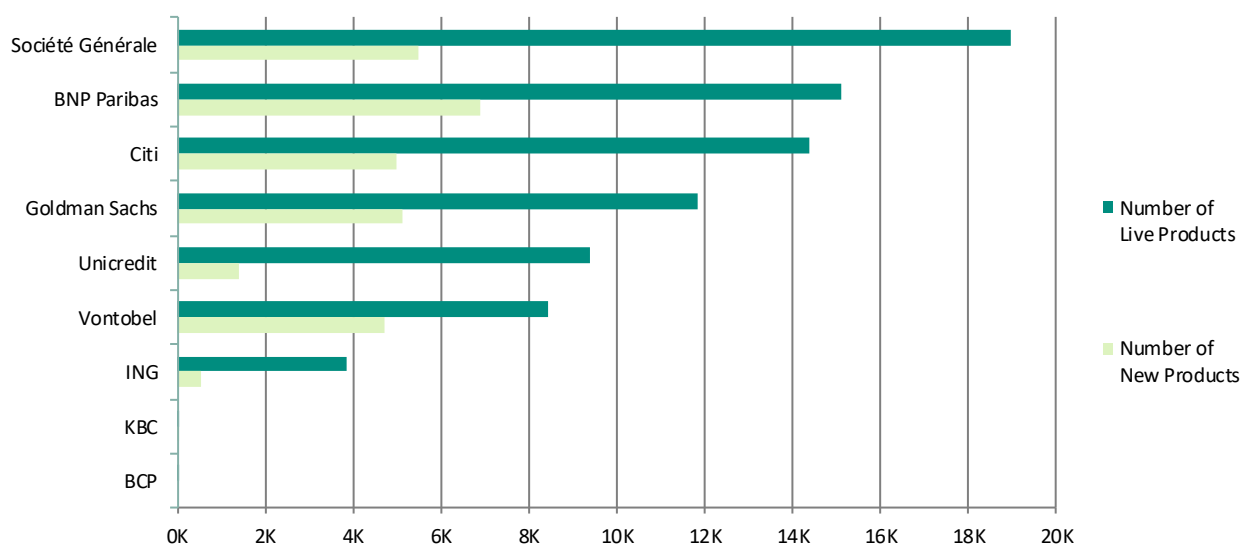
## Product Overview

The table below displays the daily 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 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	18,962	6.8%	0.2%	23.1%	5,495	38%	-12.4%	18.8%
BNP Paribas	15,111	21%	-6.8%	18.4%	6,882	-39%	0.0%	23.6%
Citi	14,394	4.9%	8.3%	17.5%	4,970	6.4%	-15.1%	17.0%
Goldman Sachs	11,858	0.7%	19.2%	14.5%	5,141	28%	-38%	17.6%
Unicredit	9,404	2.3%	4.7%	11.5%	1,419	-29%	-49%	4.9%
Vontobel	8,425	5.9%	8.5%	10.3%	4,718	8.6%	-15.8%	16.2%
ING	3,836	-0.6%	2.1%	4.7%	520	-2.8%	-35%	1.8%
KBC	29	23%	19.6%	0.0%	7	600%	200%	0.0%
BCP	19	1.1%	20%	0.0%	0	-100%	-100%	0.0%
<b>Total</b>	<b>82,037</b>	<b>6.8%</b>	<b>2.2%</b>	<b>100%</b>	<b>29,152</b>	<b>-5.4%</b>	<b>-21.3%</b>	<b>100%</b>

(Source Euronext)

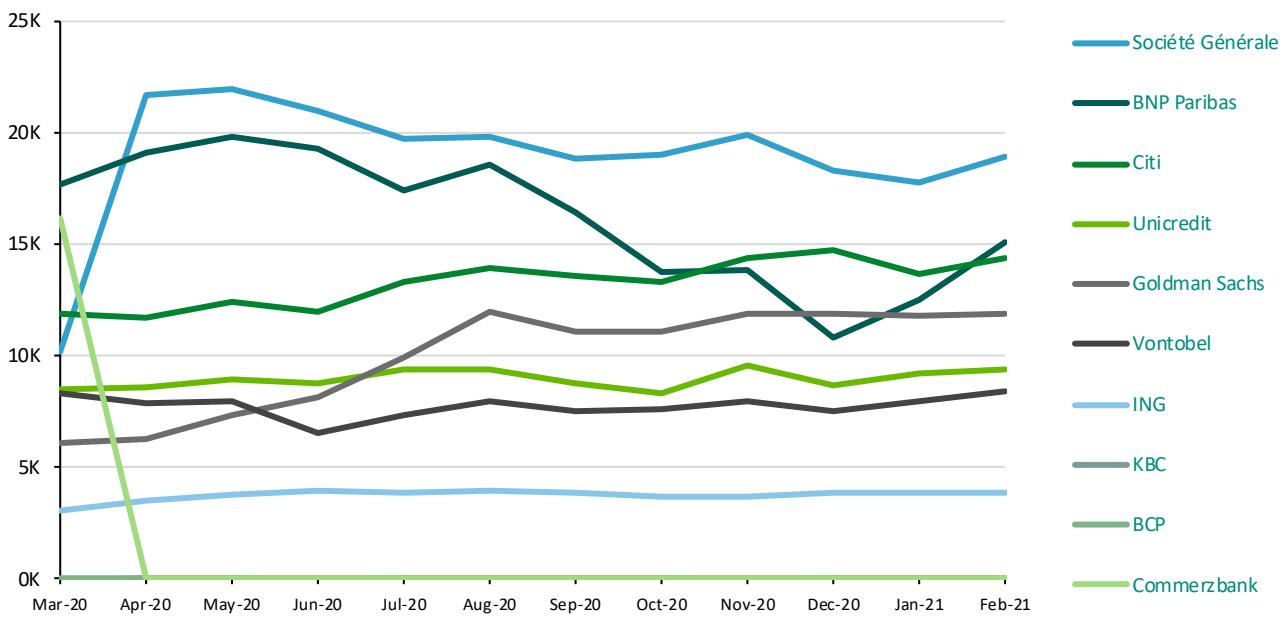




# ISSUERS

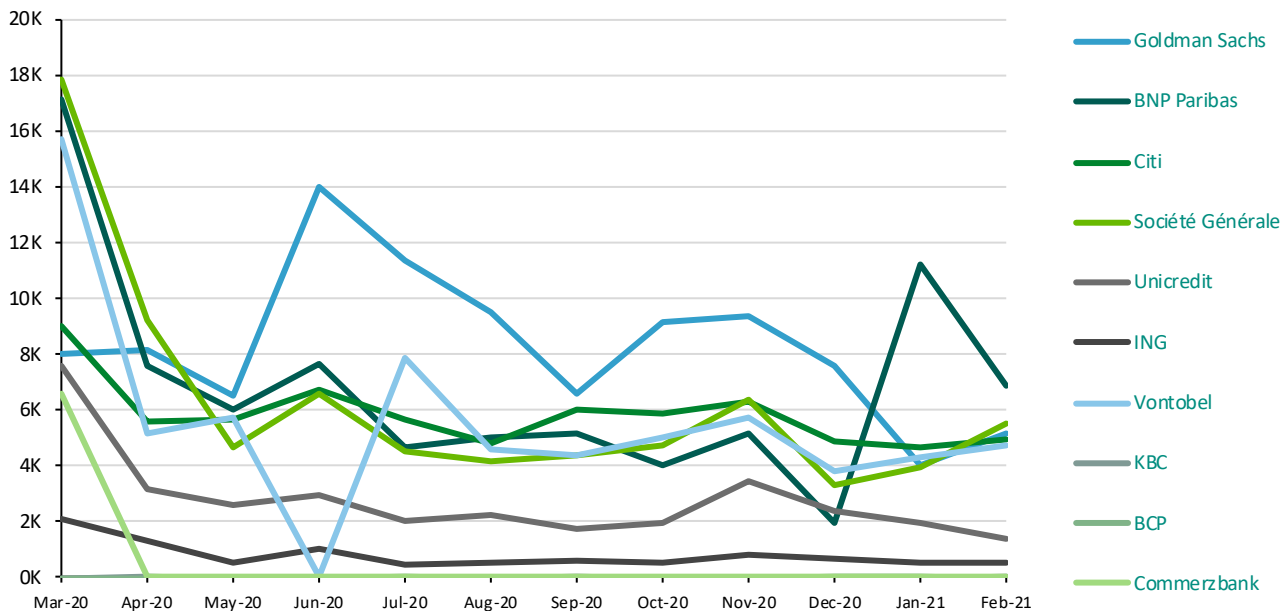
## Product Trend: Number of Live Products

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)

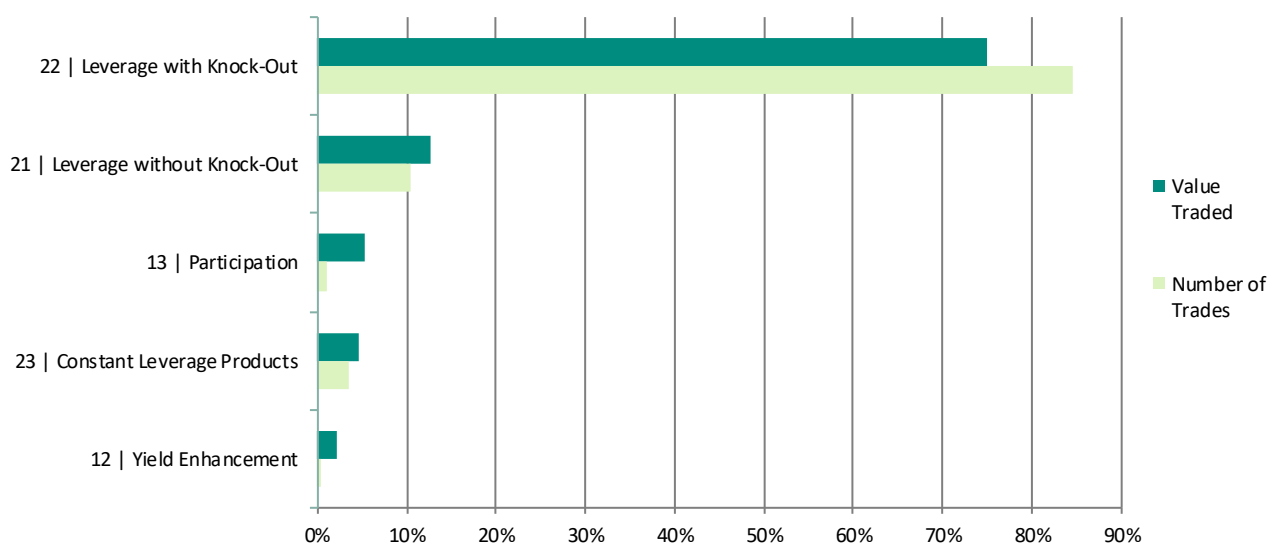
## Market Overview

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	39,575	7.8%	4.2%	75.1%	15,390	-2.4%	6.3%	84.7%
21   Leverage without Knock-Out	6,680	16.8%	-5.6%	12.7%	1,906	8.0%	-1.5%	10.5%
13   Participation	2,817	3.5%	34%	5.3%	181	3.8%	2.8%	1.0%
23   Constant Leverage Products	2,451	3.4%	-17.5%	4.7%	631	-2.6%	-28.7%	3.5%
12   Yield Enhancement	1,182	27%	93%	2.2%	69	-32.0%	-3.1%	0.4%
<b>Total</b>	<b>52,705</b>	<b>8.8%</b>	<b>3.9%</b>	<b>100%</b>	<b>18,177</b>	<b>-1.5%</b>	<b>3.6%</b>	<b>100%</b>

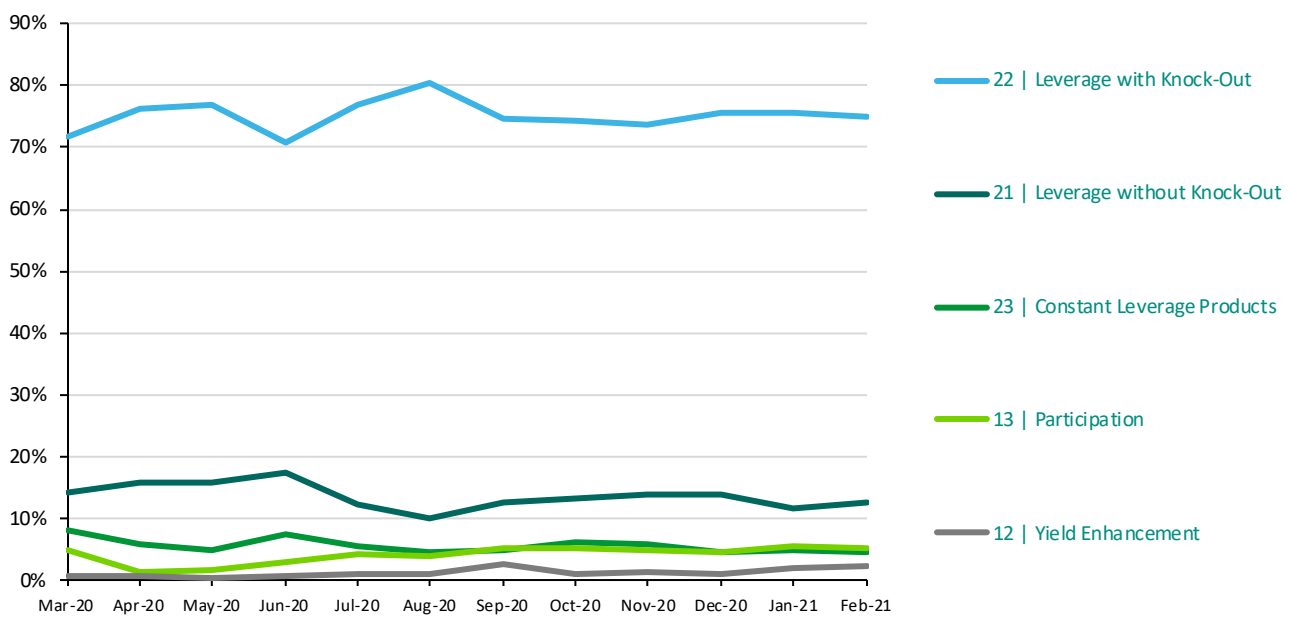
(Source Euronext)



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

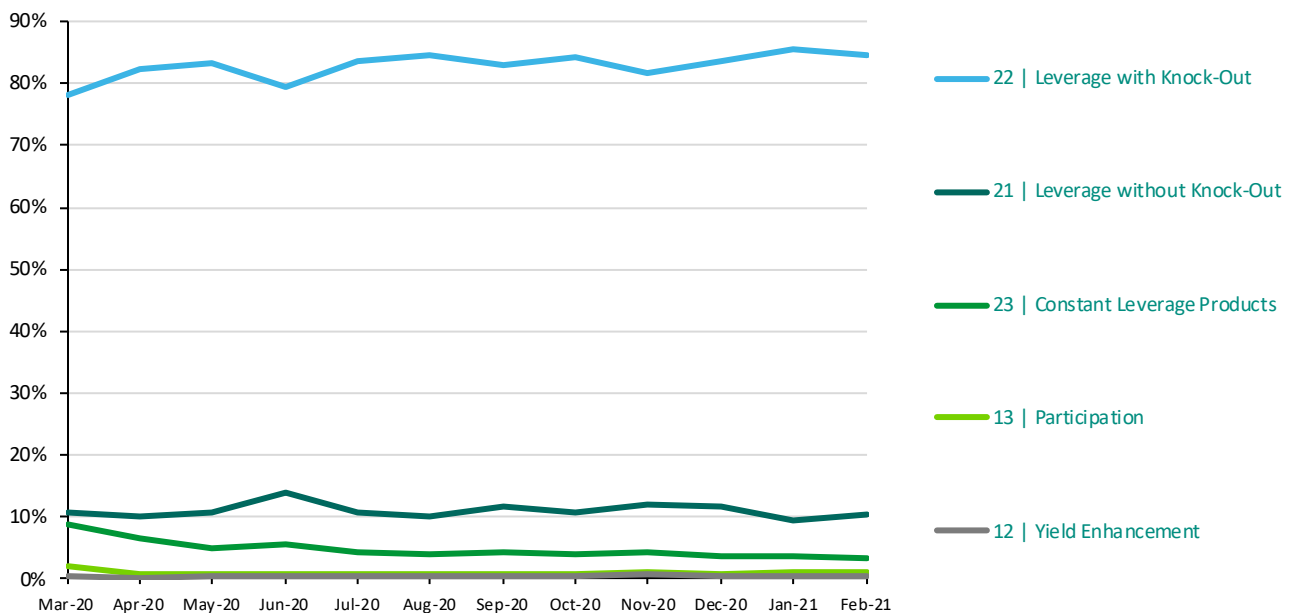
## Market Trend: Value traded

The historical graph below displays the weight of the value traded for each product type 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)

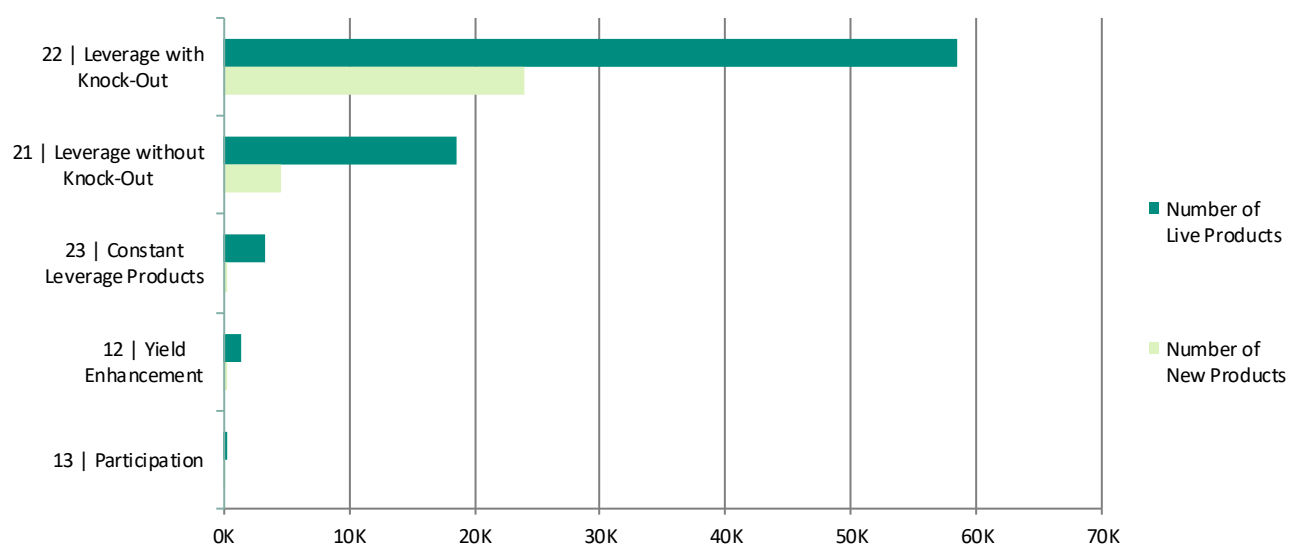
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The chart at the bottom of the page represents the number of live products and number of new products for each product type.

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	58,445	3.9%	5.9%	71.2%	24,007	-5.7%	-25%	82.4%
21   Leverage without Knock-Out	18,581	17.4%	-7.4%	22.6%	4,574	-2.7%	10.0%	15.7%
23   Constant Leverage Products	3,371	3.2%	6.7%	4.1%	232	-26%	-47%	0.8%
12   Yield Enhancement	1,389	16.7%	-12.0%	1.7%	303	-1.6%	-8.2%	1.0%
13   Participation	251	-6.7%	-9.9%	0.3%	36	-5.3%	29%	0.1%
<b>Total</b>	<b>82,037</b>	<b>6.8%</b>	<b>2.2%</b>	<b>100%</b>	<b>29,152</b>	<b>-5.4%</b>	<b>-21.3%</b>	<b>100%</b>

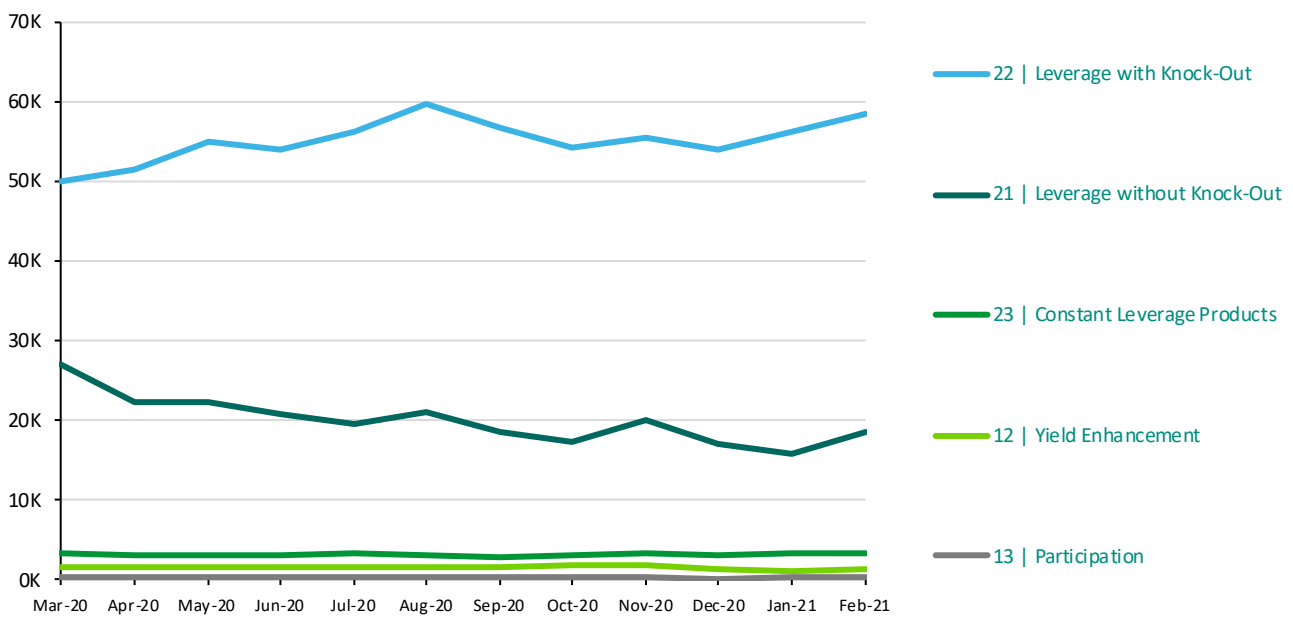
(Source Euronext)



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

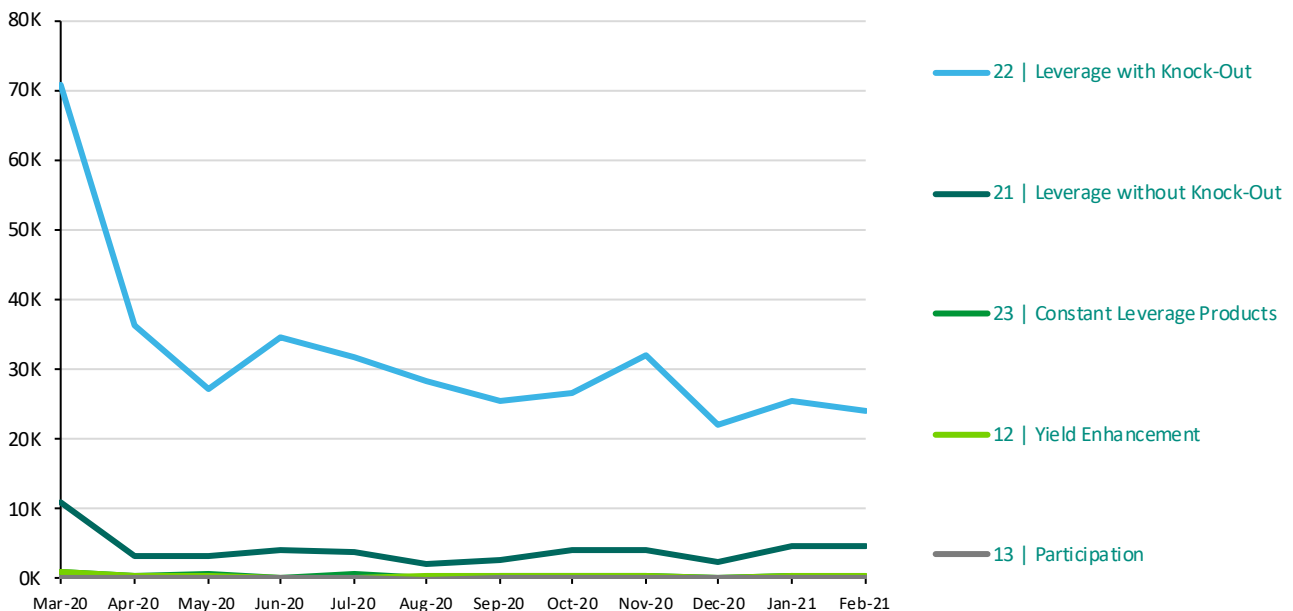
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each product type on 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)

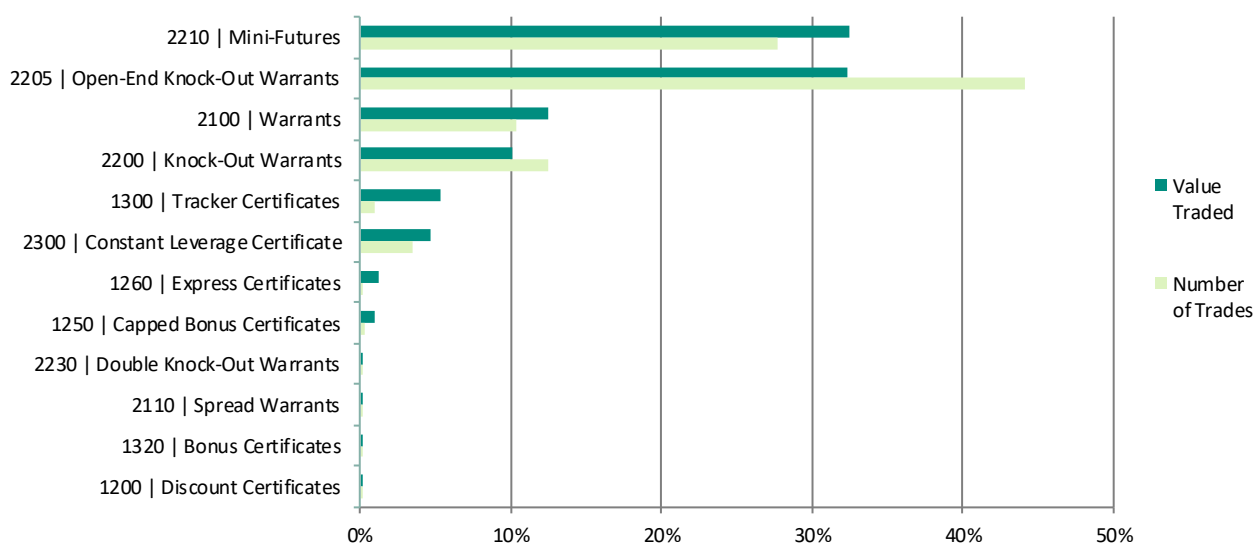
## Market Overview

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
2210   Mini-Futures	17,124	7.7%	9.1%	32.5%	5,052	-0.9%	7.1%	27.8%
2205   Open-End Knock-Out Warrants	17,037	10.6%	1.5%	32.3%	8,016	-1.9%	6.4%	44.1%
2100   Warrants	6,624	17.1%	-5.2%	12.6%	1,895	8.1%	-1.0%	10.4%
2200   Knock-Out Warrants	5,303	0.0%	-2.0%	10.1%	2,276	-7.5%	4.1%	12.5%
1300   Tracker Certificates	2,801	3.2%	34%	5.3%	178	3.2%	2.2%	1.0%
2300   Constant Leverage Certificate	2,451	3.4%	-17.5%	4.7%	631	-2.6%	-29%	3.5%
1260   Express Certificates	691	NA	384%	1.3%	5.3	NA	376%	0.0%
1250   Capped Bonus Certificates	488	-47%	4.0%	0.9%	63	-38%	-9.9%	0.3%
2230   Double Knock-Out Warrants	111	10.6%	17.7%	0.2%	46	17.1%	25%	0.3%
2110   Spread Warrants	56	-8.5%	-37%	0.1%	11	-6.9%	-48%	0.1%
1320   Bonus Certificates	16	174%	68%	0.0%	3.1	48%	57%	0.0%
1200   Discount Certificates	3	25%	180%	0.0%	0.8	33%	146%	0.0%
<b>Total</b>	<b>52,705</b>	<b>8.8%</b>	<b>3.9%</b>	<b>100%</b>	<b>18,177</b>	<b>-1.5%</b>	<b>3.6%</b>	<b>100%</b>

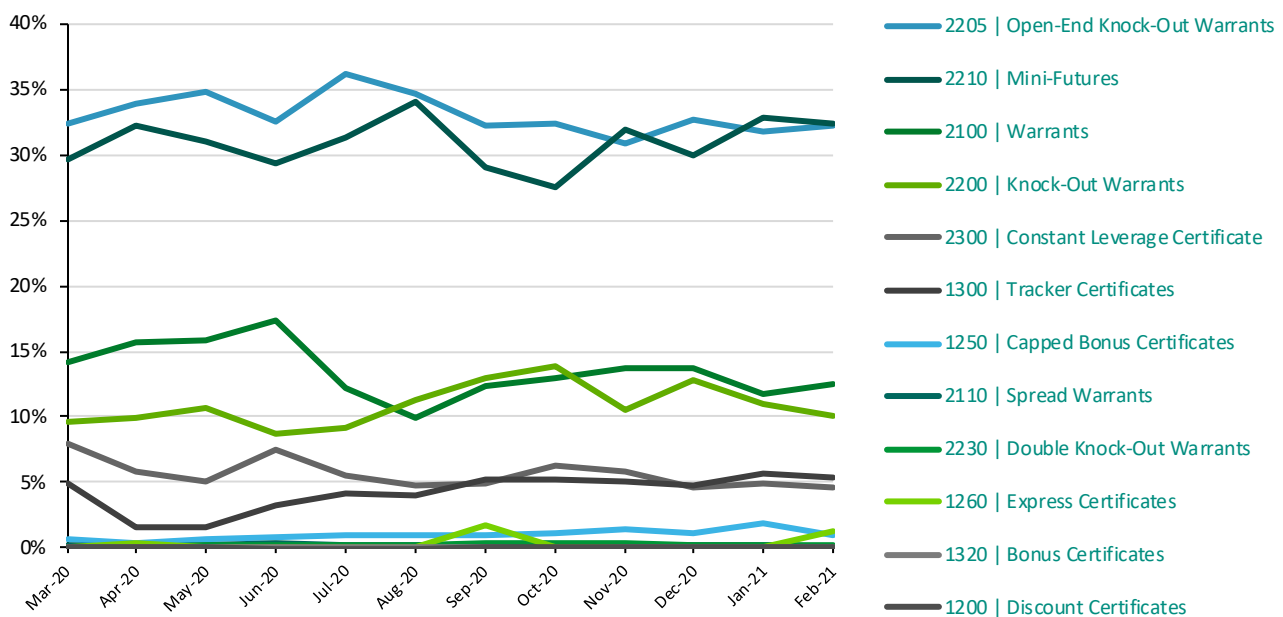
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# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 3)

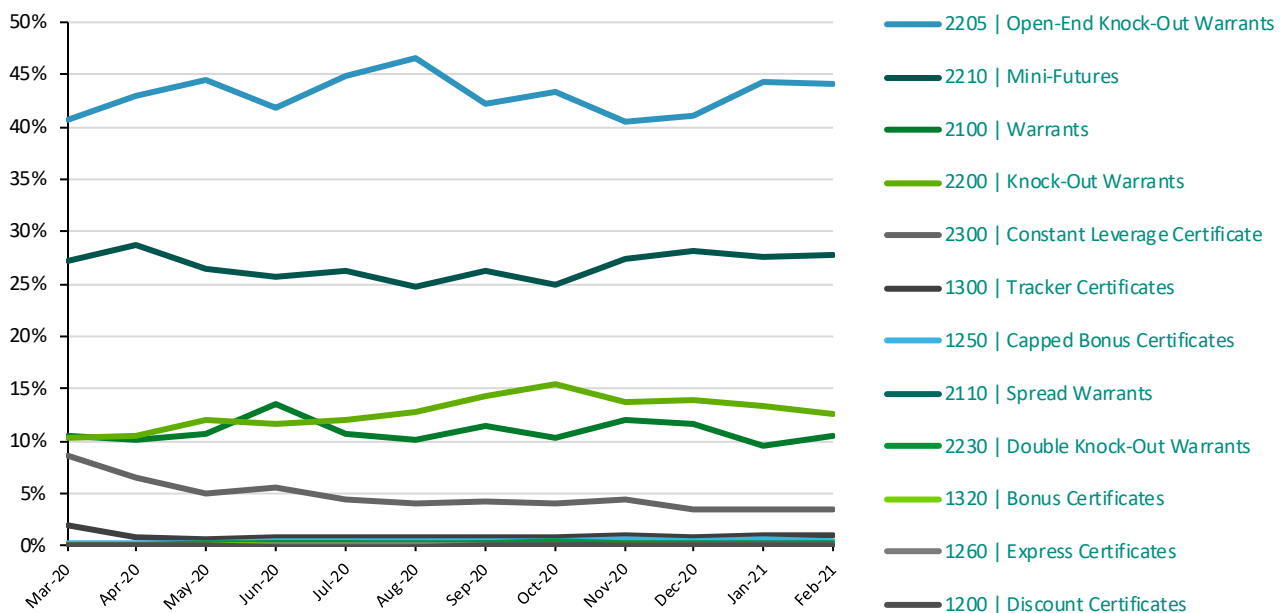
## Market Trend: Value traded

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)

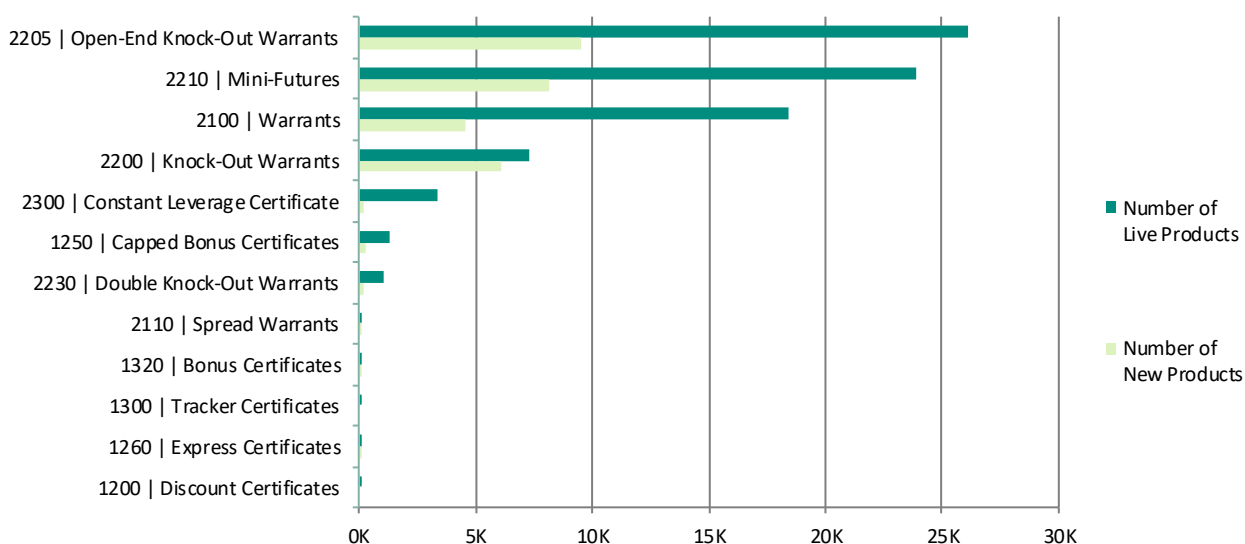
## Product Overview

The table below displays the daily 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 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	26,109	2.3%	7.0%	31.8%	9,515	-5.6%	-27%	32.6%
2210   Mini-Futures	23,930	2.6%	5.4%	29.2%	8,199	-5.8%	-30%	28.1%
2100   Warrants	18,451	17.4%	-7.4%	22.5%	4,542	-2.9%	10.3%	15.6%
2200   Knock-Out Warrants	7,340	21%	0.5%	8.9%	6,074	-5.0%	-12.0%	20.8%
2300   Constant Leverage Certificate	3,371	3.2%	6.7%	4.1%	232	-26%	-47%	0.8%
1250   Capped Bonus Certificates	1,338	18.1%	-10.1%	1.6%	297	-3.6%	-5.9%	1.0%
2230   Double Knock-Out Warrants	1,066	-23%	36%	1.3%	219	-17.7%	-34%	0.8%
2110   Spread Warrants	130	16.6%	-15.6%	0.2%	32	33%	-24%	0.1%
1320   Bonus Certificates	129	-11.6%	-14.4%	0.2%	36	5.9%	33%	0.1%
1300   Tracker Certificates	122	-0.9%	-4.5%	0.1%	0	-100%	-100%	0.0%
1260   Express Certificates	29	23%	35%	0.0%	6		350%	0.0%
1200   Discount Certificates	22	-35%	-68%	0.0%	0		-100%	0.0%
<b>Total</b>	<b>82,037</b>	<b>6.8%</b>	<b>2.2%</b>	<b>100%</b>	<b>29,152</b>	<b>-5.4%</b>	<b>-21.3%</b>	<b>100%</b>

(Source Euronext)

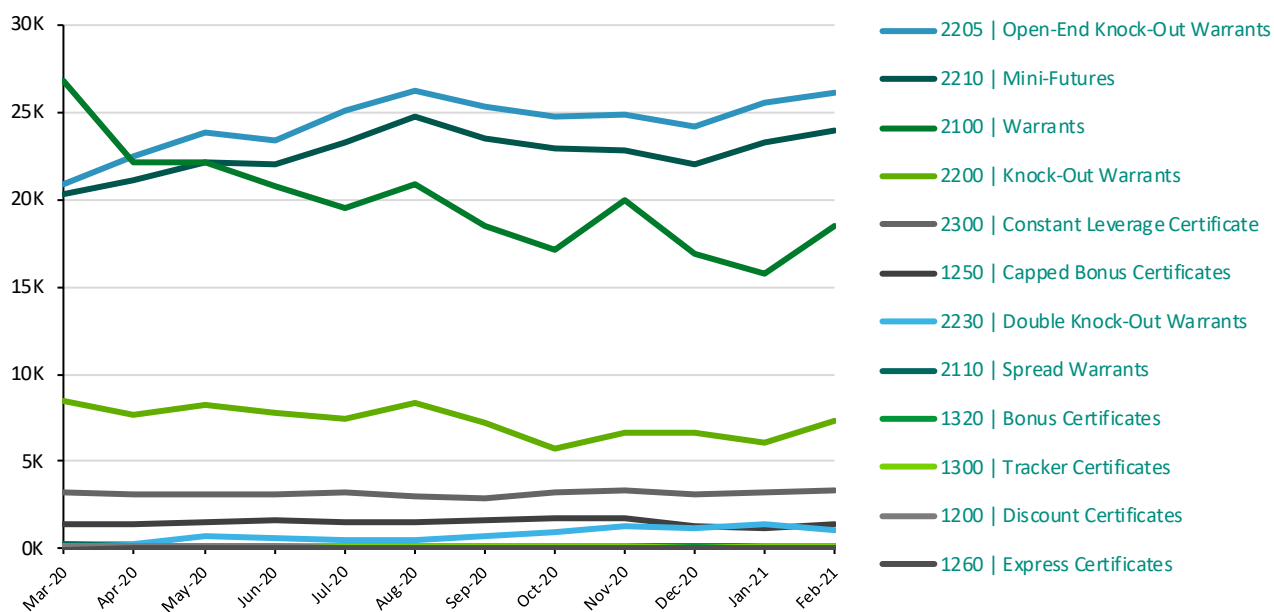




# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 3)

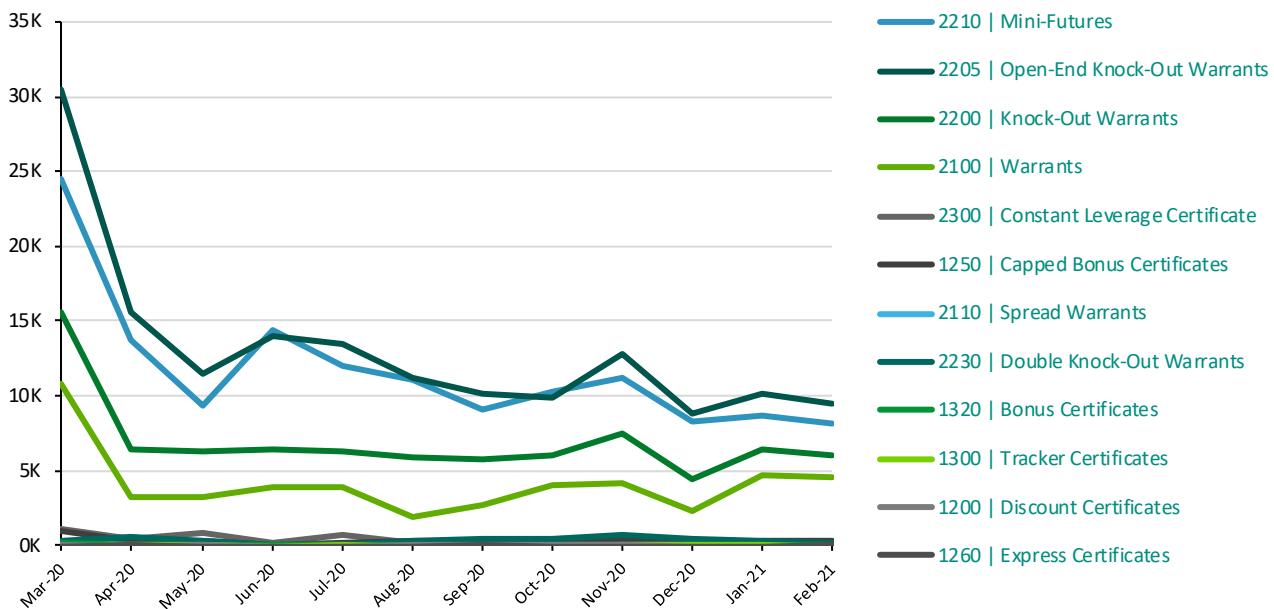
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each product type on 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

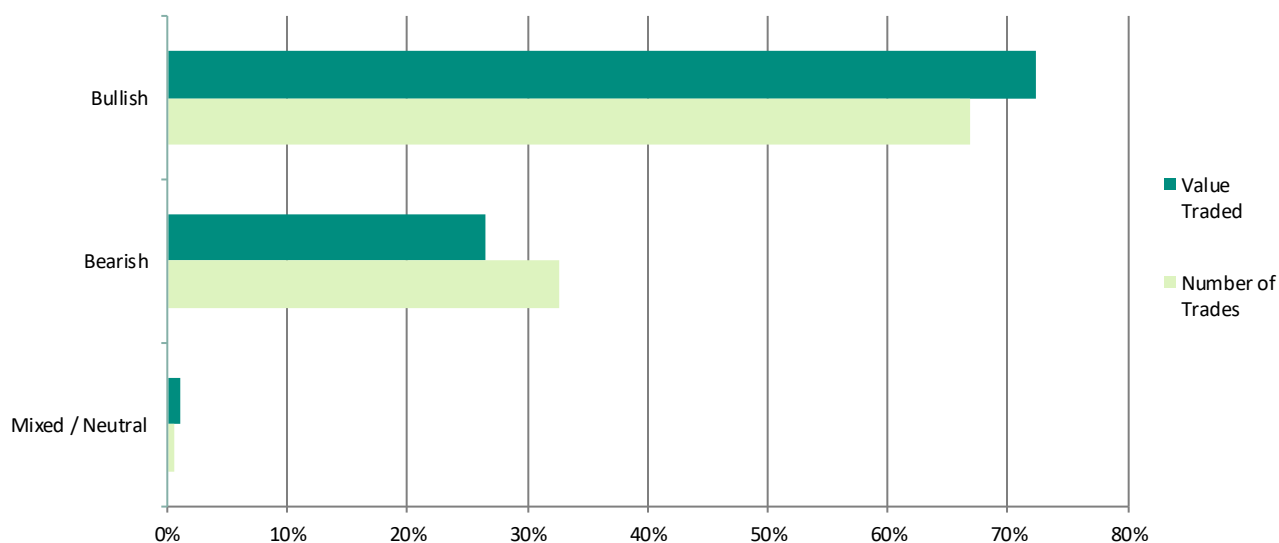
## Market Overview

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	38,125	12.4%	15.5%	72.3%	12,141	1.4%	13.1%	66.8%
Bearish	13,978	3.6%	-18.4%	26.5%	5,927	-6.5%	-11.4%	32.6%
Mixed / Neutral	602	-41%	-3.1%	1.1%	109	-22%	-8.4%	0.6%
Total	52,705	8.8%	3.9%	100%	18,177	-1.5%	3.6%	100%

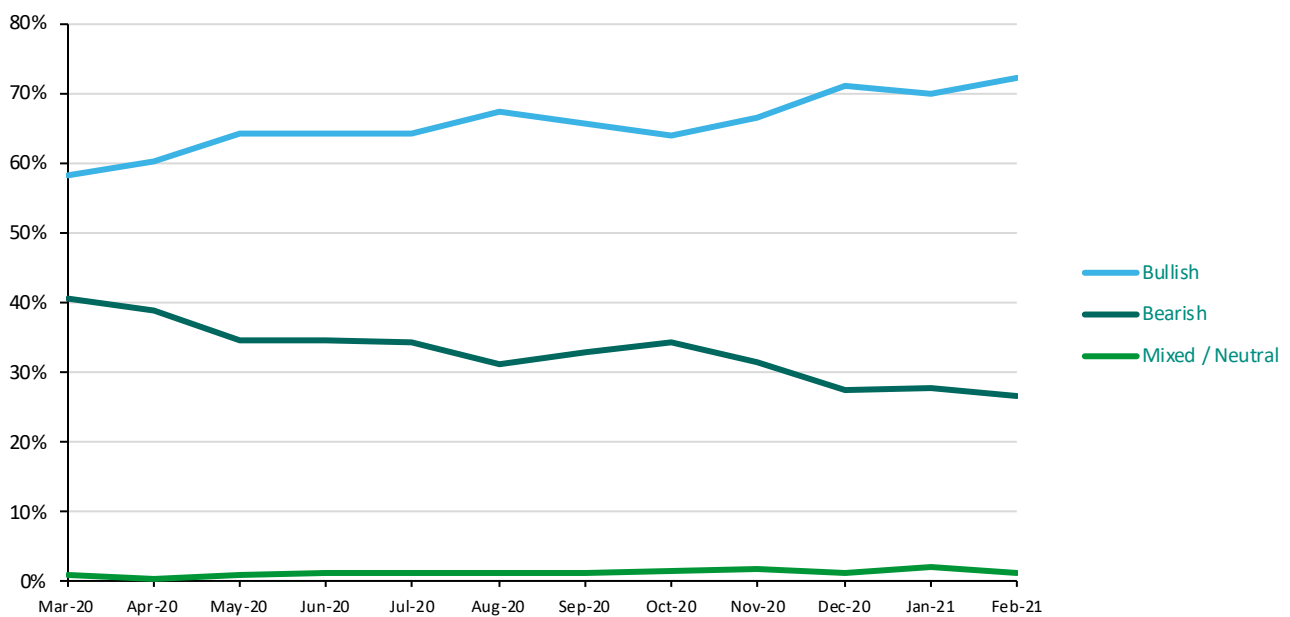
(Source Euronext)



# PRODUCT STRATEGIES

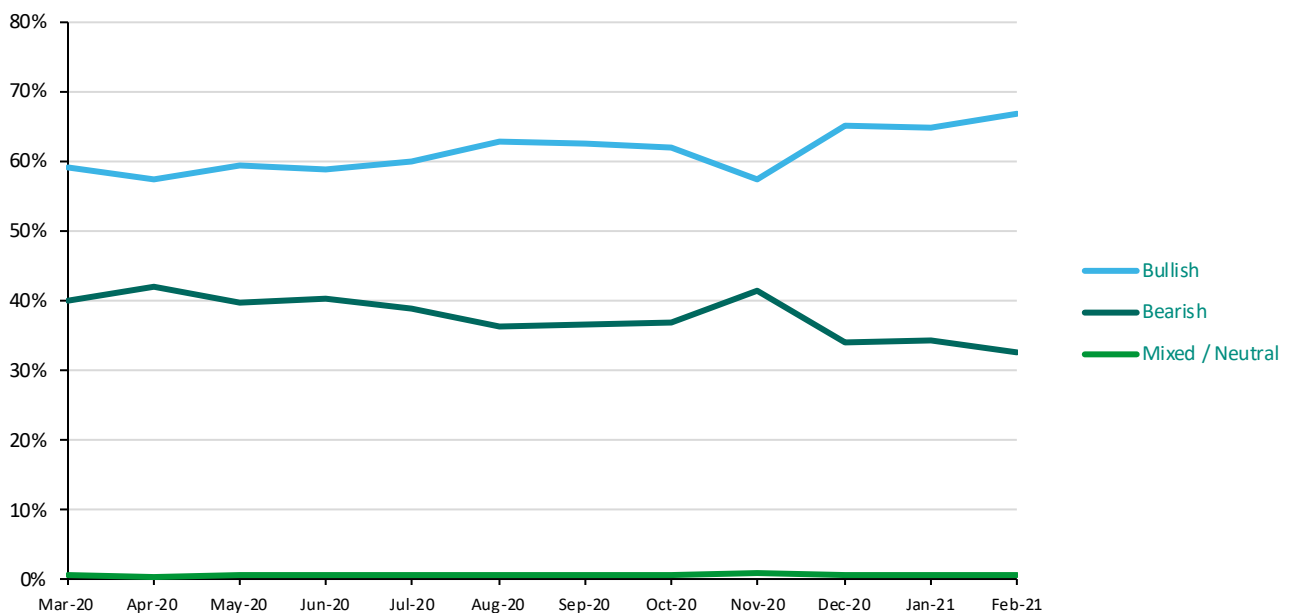
## Market Trend: Value traded

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

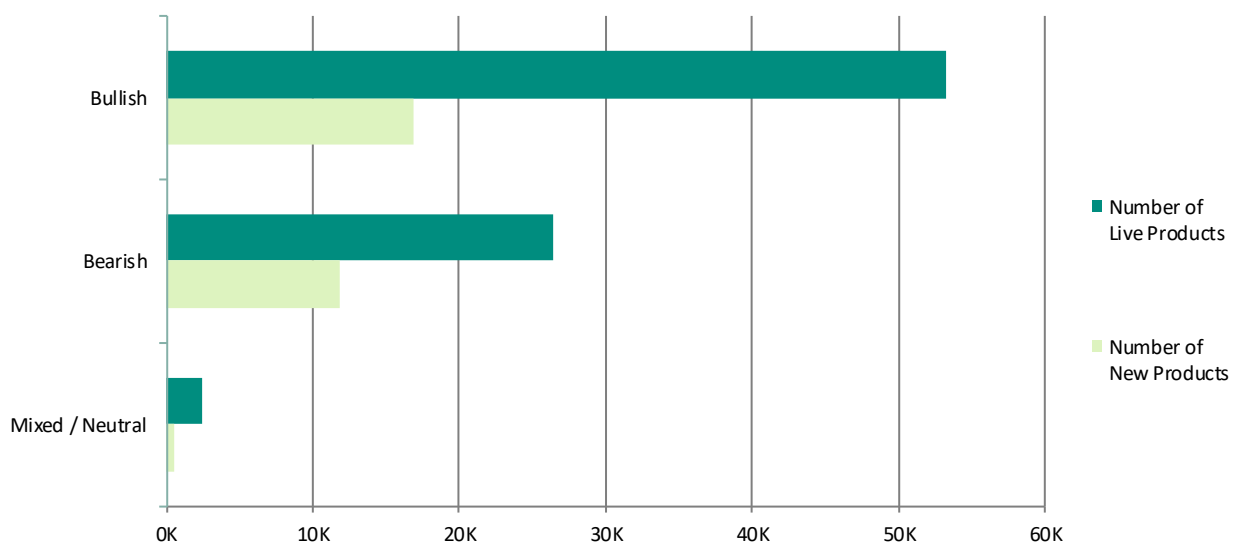
## Product Overview

The table below displays the daily 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 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	53,227	6.5%	10.2%	64.9%	16,807	6.7%	-18.5%	57.7%
Bearish	26,354	8.7%	-10.7%	32.1%	11,829	-18.3%	-25%	40.6%
Mixed / Neutral	2,456	-4.6%	-0.7%	3.0%	516	-10.1%	-23%	1.8%
<b>Total</b>	<b>82,037</b>	<b>6.8%</b>	<b>2.2%</b>	<b>100%</b>	<b>29,152</b>	<b>-5.4%</b>	<b>-21.3%</b>	<b>100%</b>

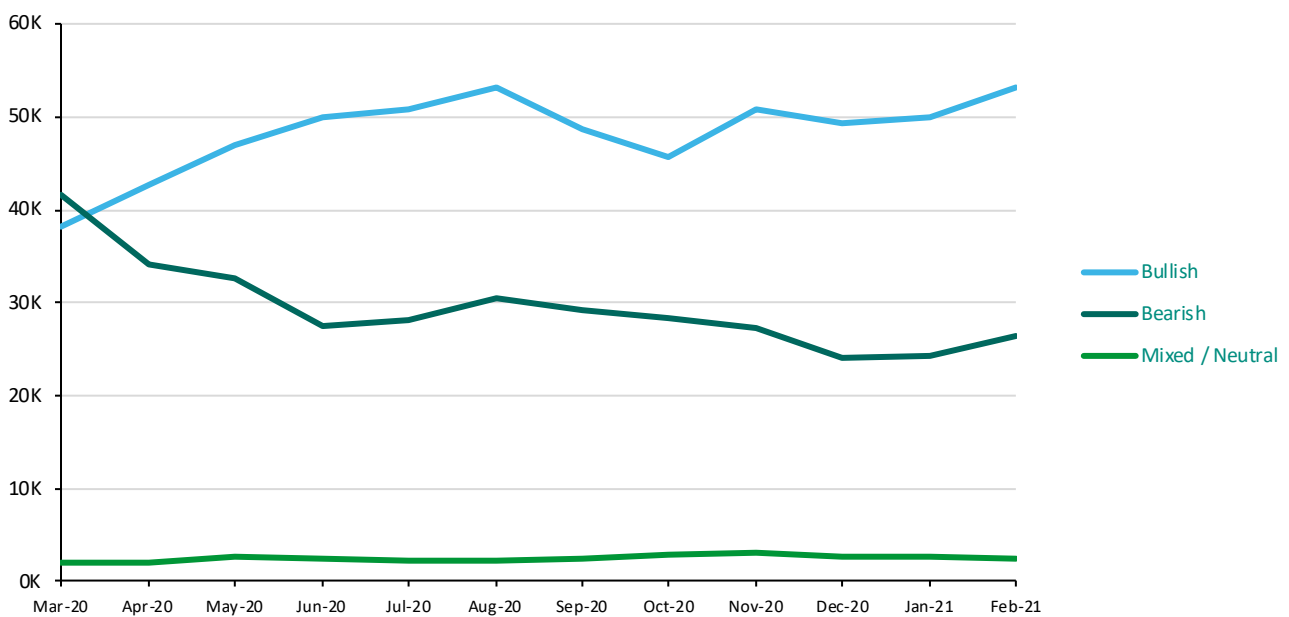
(Source Euronext)



# PRODUCT STRATEGIES

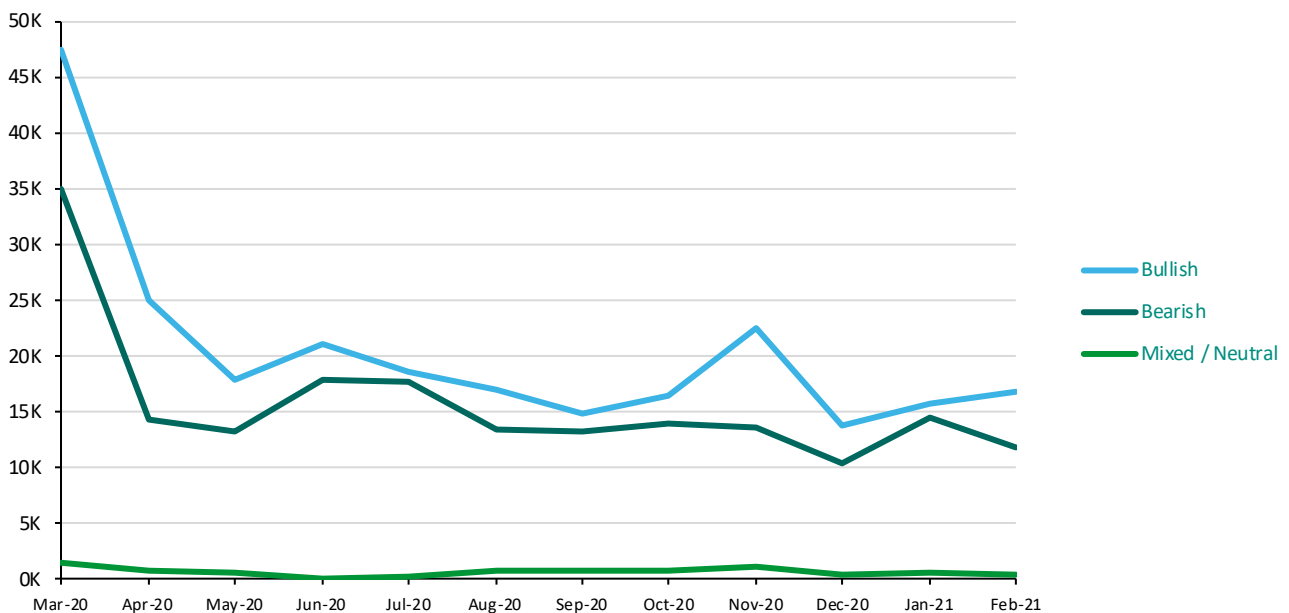
## Product Trend: Number of Live Products

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

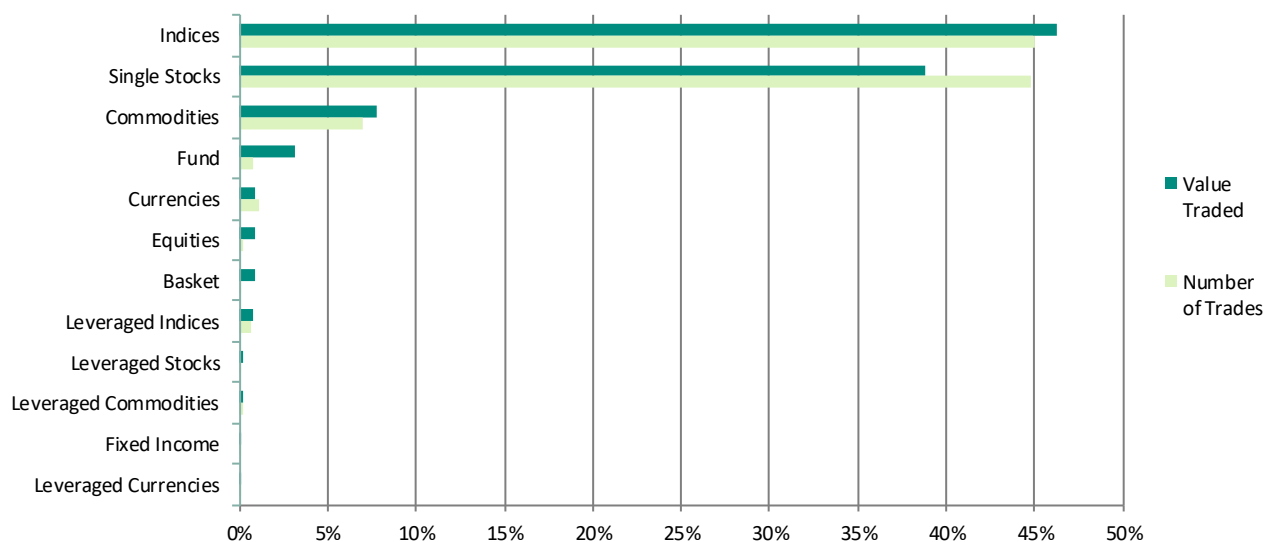
## Market Overview

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	24,412	6.9%	-6.9%	46.3%	8,182	-7.0%	-5.9%	45.0%
Single Stocks	20,467	4.4%	35%	38.8%	8,147	1.6%	21.8%	44.8%
Commodities	4,068	31%	-20%	7.7%	1,267	23.5%	-6.5%	7.0%
Fund	1,653	69%	-31%	3.1%	132	126.6%	-22.1%	0.7%
Currencies	488	-8.9%	-4.7%	0.9%	203	-29.0%	-10.0%	1.1%
Equities	470	142%	516%	0.9%	41	-25.5%	136.3%	0.2%
Basket	459	-4.7%	268%	0.9%	10	-11.5%	154.2%	0.1%
Leveraged Indices	425	-14.3%	-55%	0.8%	115	-10.1%	-60.1%	0.6%
Leveraged Stocks	121	34%	175%	0.2%	23	-19.5%	31.6%	0.1%
Leveraged Commodities	98	67%	-37%	0.2%	44	19.2%	-38.8%	0.2%
Fixed Income	41	-14.8%	21%	0.1%	13	7.4%	6.0%	0.1%
Leveraged Currencies	4	47%	360%	0.0%	1.0	33.3%	193.1%	0.0%
<b>Total</b>	<b>52,705</b>	<b>8.8%</b>	<b>3.9%</b>	<b>100%</b>	<b>18,177</b>	<b>-1.5%</b>	<b>3.6%</b>	<b>100%</b>

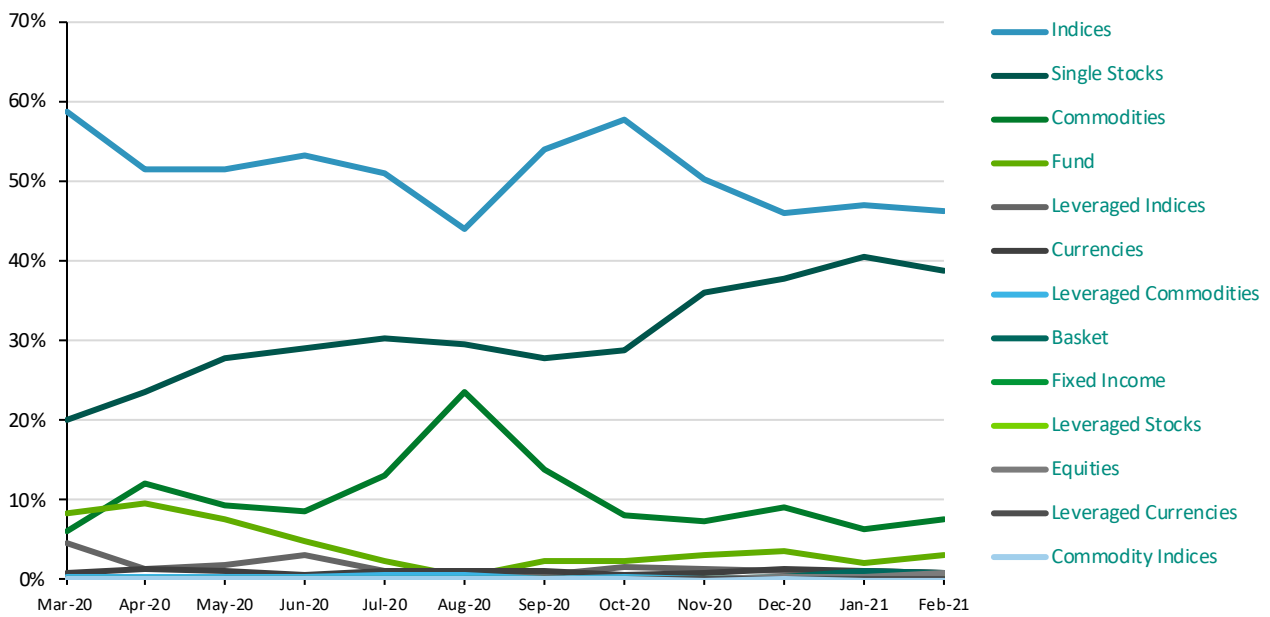
(Source Euronext)



# UNDERLYING TYPES

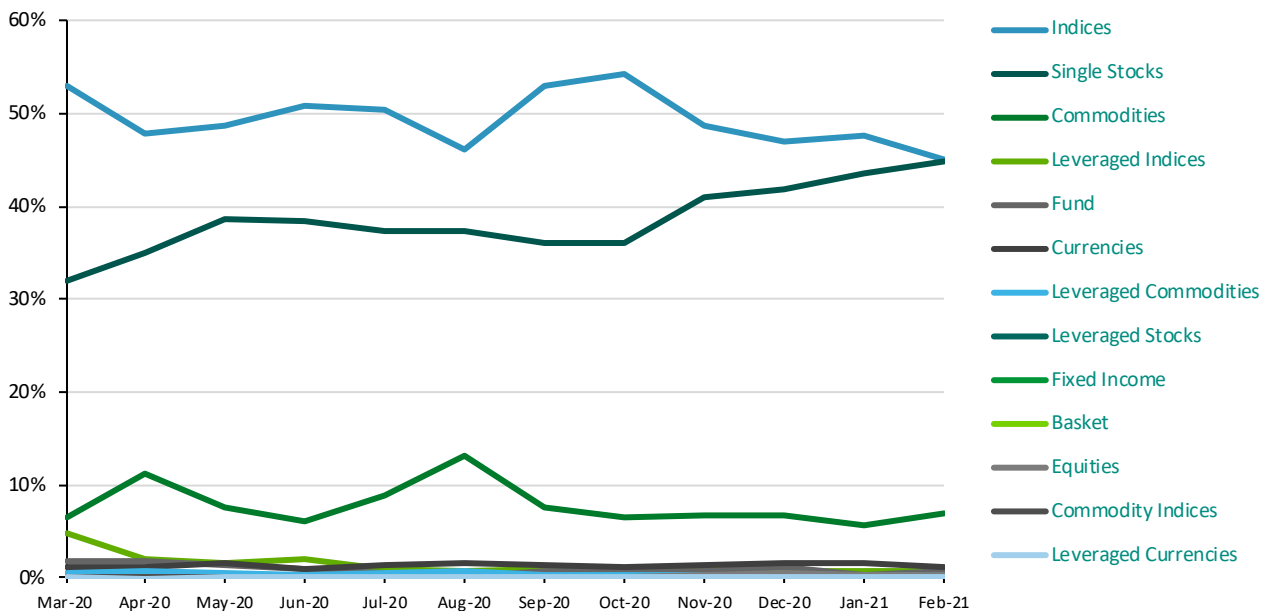
## Market Trend: Value traded

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

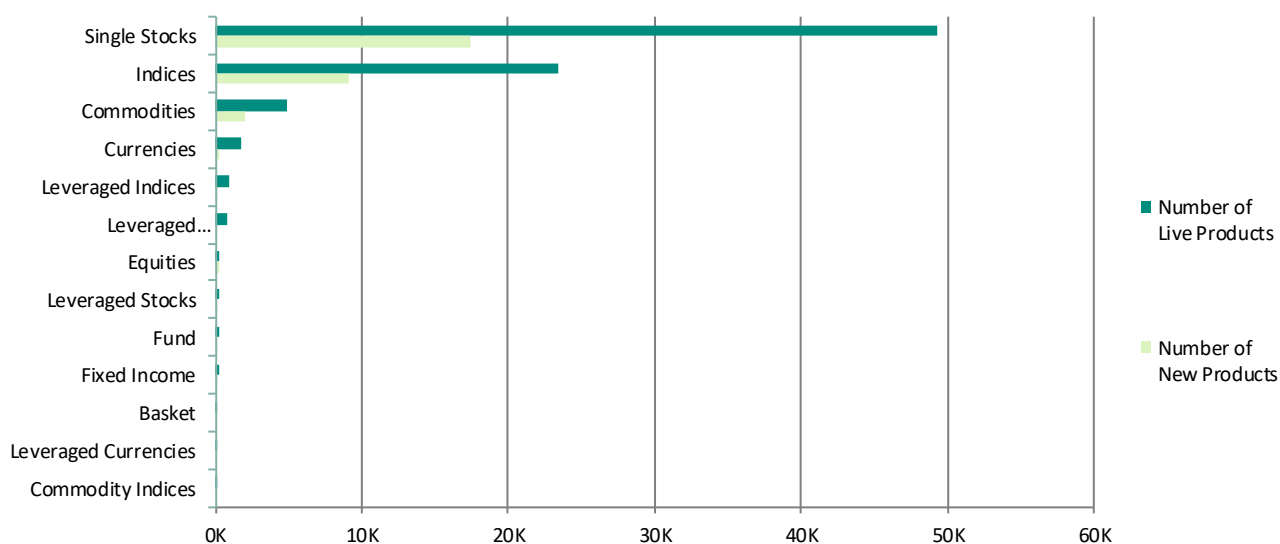
## Product Overview

The table below displays the daily 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 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	49,290	6.6%	2.9%	60.1%	17,397	9.3%	-19.8%	59.7%
Indices	23,461	8.6%	1.3%	28.6%	9,097	-29%	-26%	31.2%
Commodities	4,815	3.1%	-2.0%	5.9%	2,054	35%	-7.4%	7.0%
Currencies	1,756	-1.9%	-4.2%	2.1%	192	-9.4%	-53%	0.7%
Leveraged Indices	862	-0.4%	-9.6%	1.1%	14	-55%	-88%	0.0%
Leveraged Commodities	816	0.3%	21%	1.0%	91	-1.1%	-42%	0.3%
Equities	281	142%	318%	0.3%	271	42%	265%	0.9%
Leveraged Stocks	245	1.6%	-4.1%	0.3%	23	35%	-43%	0.1%
Fund	235	1.9%	8.8%	0.3%	6	20.0%	18.0%	0.0%
Fixed Income	234	-5.4%	-12.8%	0.3%	7	250%	-57%	0.0%
Basket	23	0.2%	11.2%	0.0%	0	-100%	-100%	0.0%
Leveraged Currencies	17	0.0%	41%	0.0%	0		-100%	0.0%
Commodity Indices	1	0.0%	0.0%	0.0%	0			0.0%
<b>Total</b>	<b>82,037</b>	<b>6.8%</b>	<b>2.2%</b>	<b>100%</b>	<b>29,152</b>	<b>-5.4%</b>	<b>-21.3%</b>	<b>100%</b>

(Source Euronext)

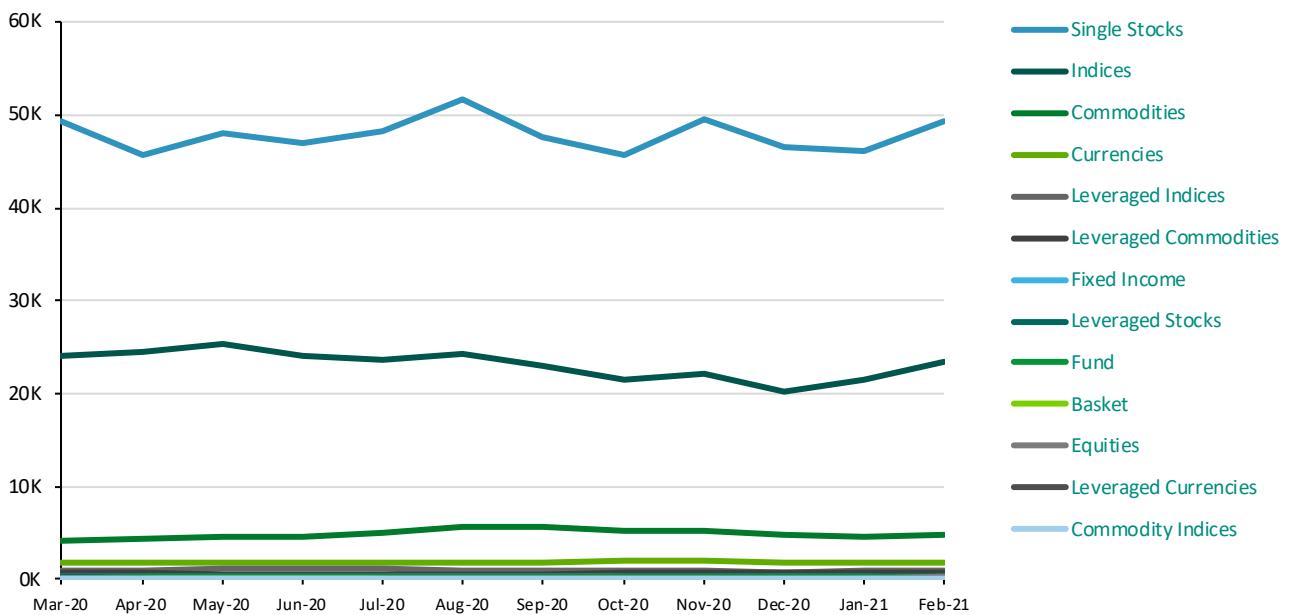




# UNDERLYING TYPES

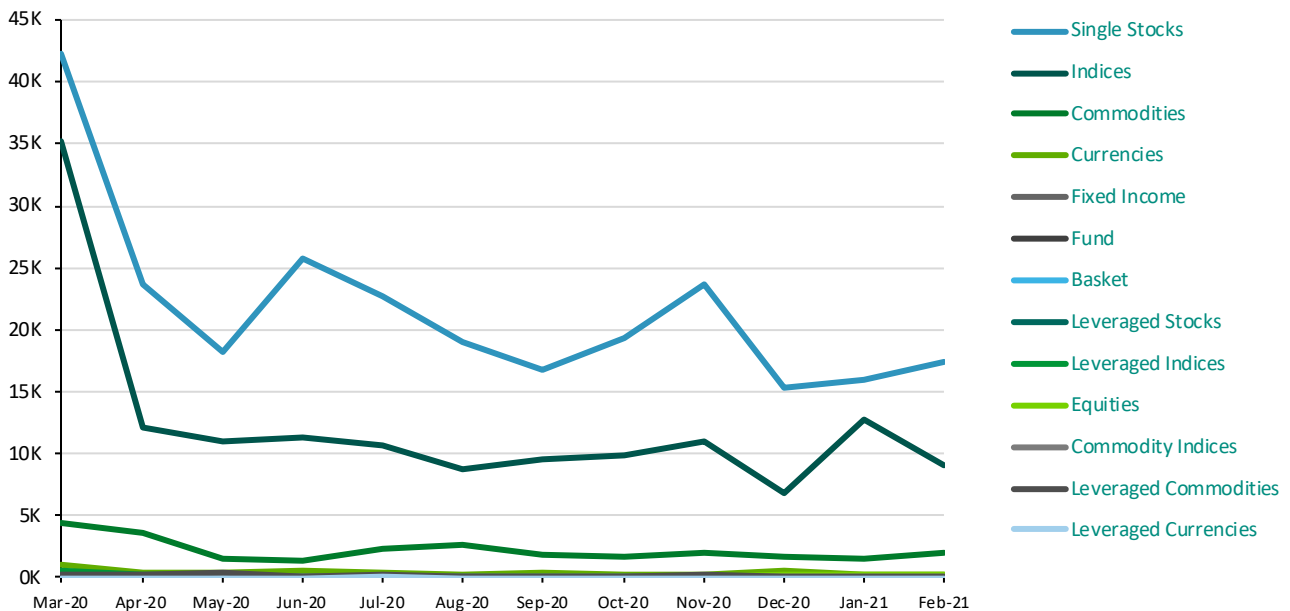
## Product Trend: Number of Live Products

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

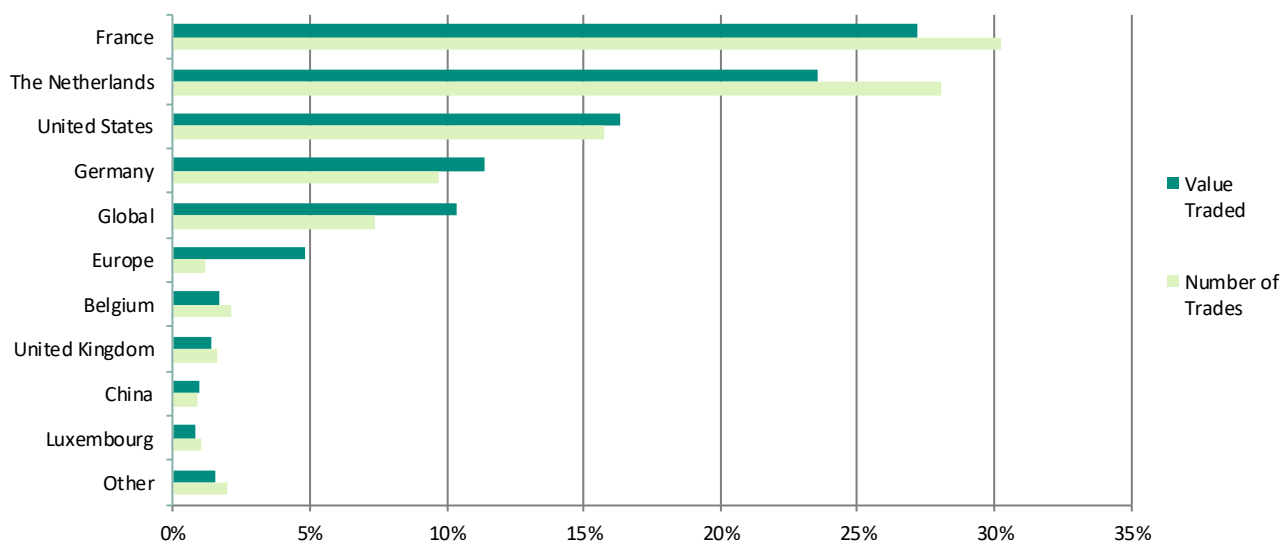
## Market Overview

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	14,339	-1.5%	-0.8%	27.2%	5,501	-2.3%	-0.7%	30.3%
The Netherlands	12,428	6.6%	9.1%	23.6%	5,104	-2.3%	5.2%	28.1%
United States	8,604	1.4%	1.7%	16.3%	2,865	-7.9%	4.8%	15.8%
Germany	5,985	33%	23%	11.4%	1,769	-8.0%	8.7%	9.7%
Global	5,472	22%	-4.8%	10.4%	1,345	20%	-2.2%	7.4%
Europe	2,548	61%	-16.8%	4.8%	218	32%	-27%	1.2%
Belgium	875	4.2%	-34%	1.7%	382	4.8%	-31%	2.1%
United Kingdom	714	15.3%	76%	1.4%	289	38%	114%	1.6%
China	497	-3.5%	142%	0.9%	164	-14.0%	138%	0.9%
Luxembourg	442	9.8%	27%	0.8%	185	-7.5%	6.0%	1.0%
Other	800	4.4%	72%	1.5%	355	9.2%	91%	2.0%
<b>Total</b>	<b>52,705</b>	<b>8.8%</b>	<b>3.9%</b>	<b>100%</b>	<b>18,177</b>	<b>-1.5%</b>	<b>3.6%</b>	<b>100%</b>

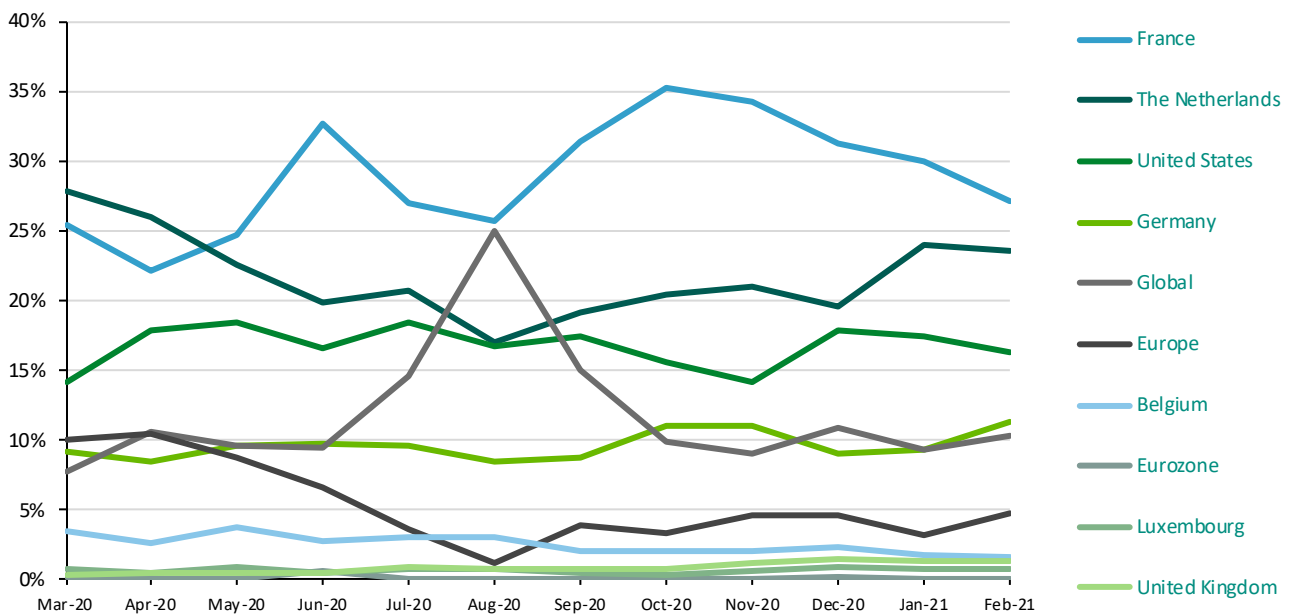
(Source Euronext)



# TOP 10 UNDERLYING COUNTRIES

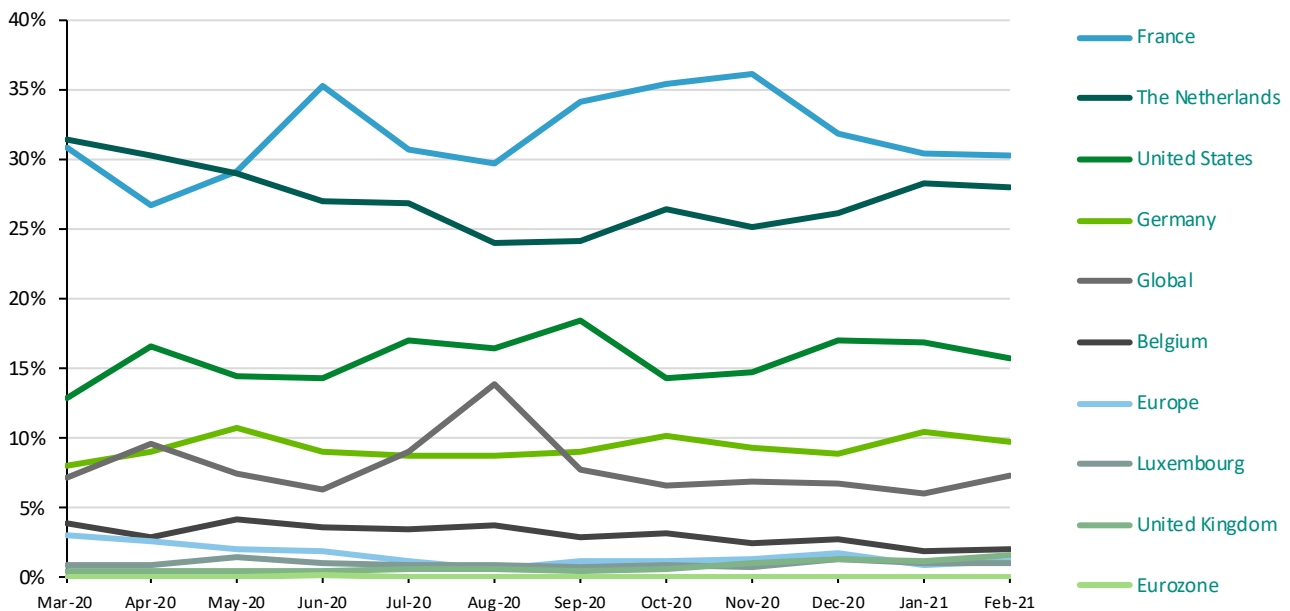
## Market Trend: Value traded

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

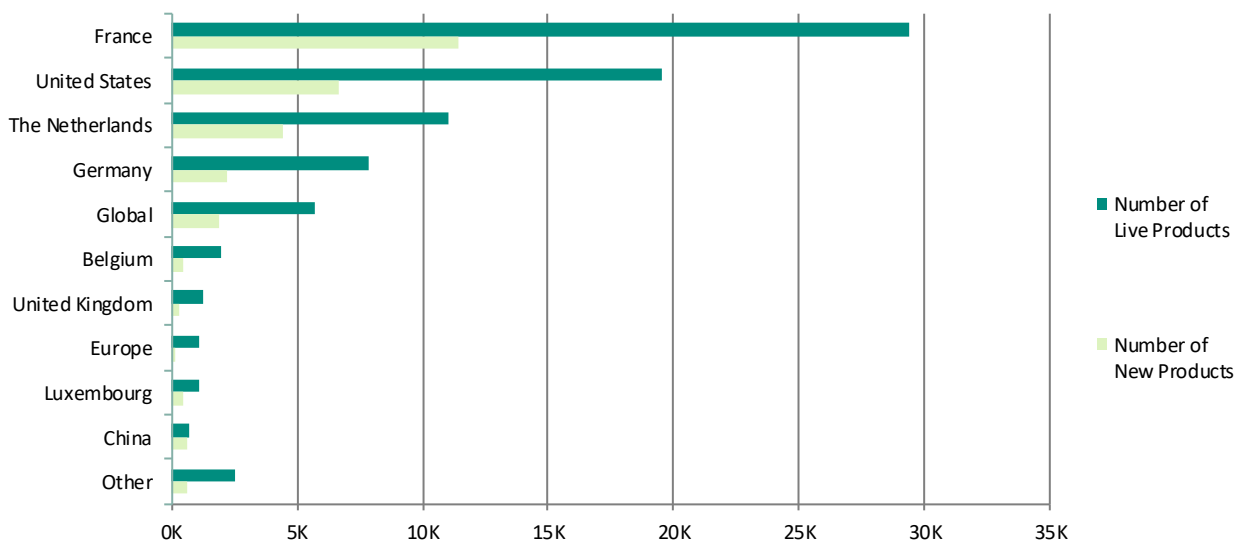
### Product Overview

The table below displays the daily 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 number of live products and number of new products for each top 10 underlying country.

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	29,381	8.6%	-6.5%	35.8%	11,456	-4.2%	-13.2%	39.3%
United States	19,561	7.3%	14.7%	23.8%	6,676	-12.5%	-25%	22.9%
The Netherlands	11,038	8.5%	9.0%	13.5%	4,421	7.8%	-8.8%	15.2%
Germany	7,883	2.0%	1.9%	9.6%	2,177	-38%	-57%	7.5%
Global	5,734	2.2%	1.0%	7.0%	1,914	25%	-12.1%	6.6%
Belgium	1,933	1.8%	-5.0%	2.4%	453	14.7%	-37%	1.6%
United Kingdom	1,229	4.1%	6.9%	1.5%	272	-5.6%	-36%	0.9%
Europe	1,063	5.5%	2.4%	1.3%	142	-19.8%	-50%	0.5%
Luxembourg	1,057	3.9%	-5.1%	1.3%	475	8.9%	-16.9%	1.6%
China	667	26%	71%	0.8%	579	92%	233%	2.0%
Other	2,490	3.5%	-1.4%	3.0%	587	23%	-16.3%	2.0%
<b>Total</b>	<b>82,037</b>	<b>6.8%</b>	<b>2.2%</b>	<b>100%</b>	<b>29,152</b>	<b>-5.4%</b>	<b>-21.3%</b>	<b>100%</b>

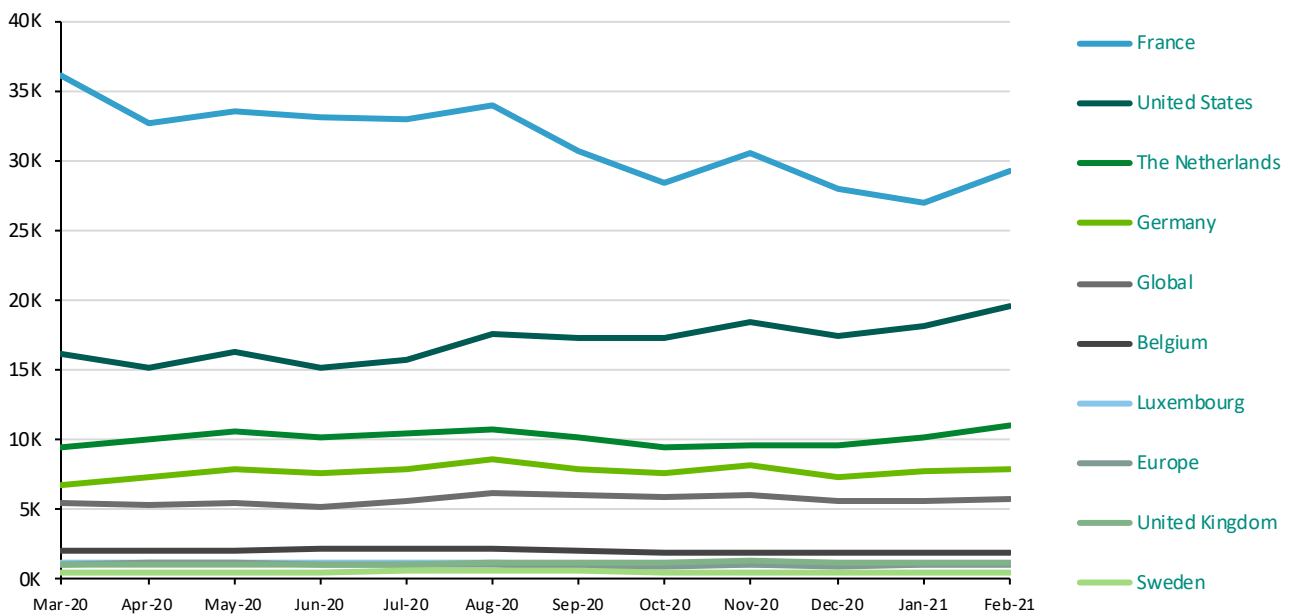
(Source Euronext)



# TOP 10 UNDERLYING COUNTRIES

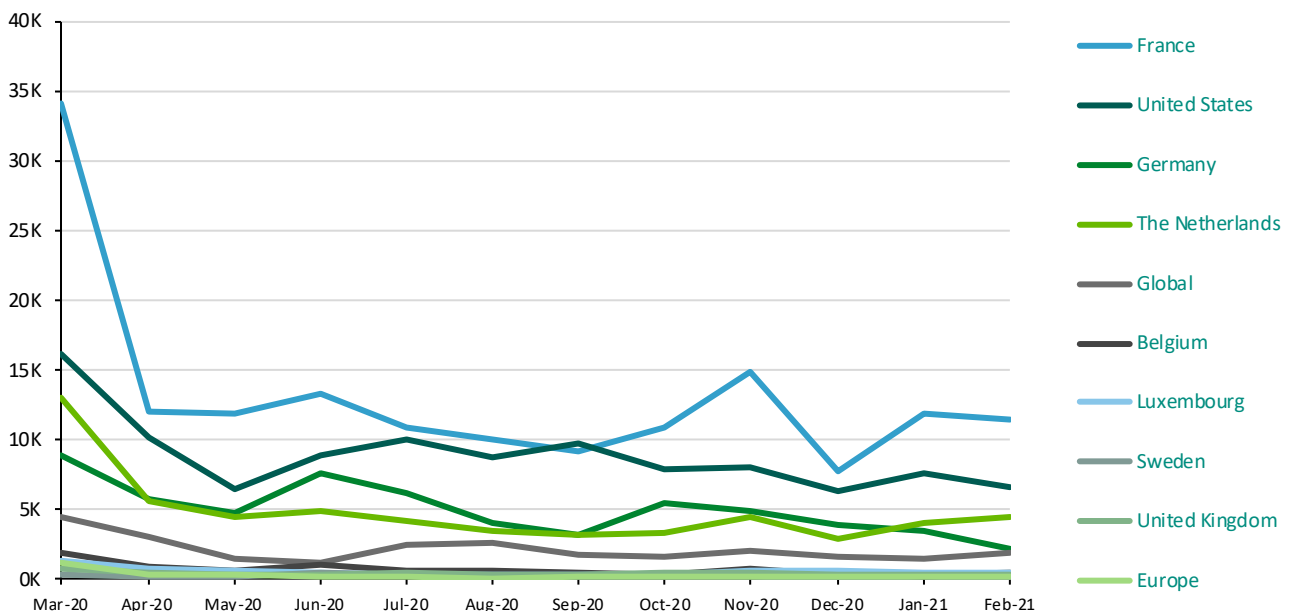
## Product Trend: Number of Live Products

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

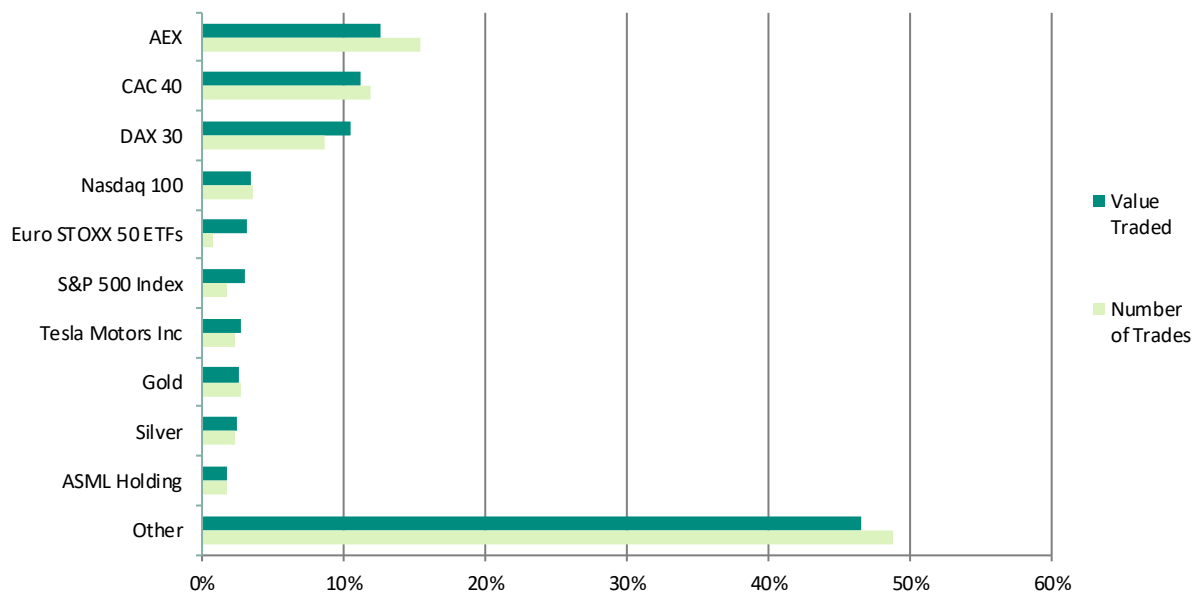
## Market Overview

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
AEX	6,633	8.4%	-12.4%	12.6%	2,811	-4.7%	-5.8%	15.5%
CAC 40	5,899	-14.4%	-22%	11.2%	2,170	-10.9%	-13.2%	11.9%
DAX 30	5,516	39%	24%	10.5%	1,573	-8.6%	9.2%	8.7%
Nasdaq 100	1,838	-4.2%	5.7%	3.5%	642	1.4%	12.6%	3.5%
Euro STOXX 50 ETFs	1,653	69%	-31%	3.1%	132	127%	-22%	0.7%
S&P 500 Index	1,614	33%	-3.4%	3.1%	309	-6.1%	-23%	1.7%
Tesla Motors Inc	1,470	-14.2%	63%	2.8%	417	-24%	31%	2.3%
Gold	1,340	2.6%	-45%	2.5%	494	14.3%	-2.3%	2.7%
Silver	1,330	62%	36%	2.5%	420	43%	60%	2.3%
ASML Holding	889	7.5%	41%	1.7%	320	-6.8%	11.1%	1.8%
Other	24,523	8.2%	20%	46.5%	8,891	2.0%	9.7%	48.9%
<b>Total</b>	<b>52,705</b>	<b>8.8%</b>	<b>3.9%</b>	<b>100%</b>	<b>18,177</b>	<b>-1.5%</b>	<b>3.6%</b>	<b>100%</b>

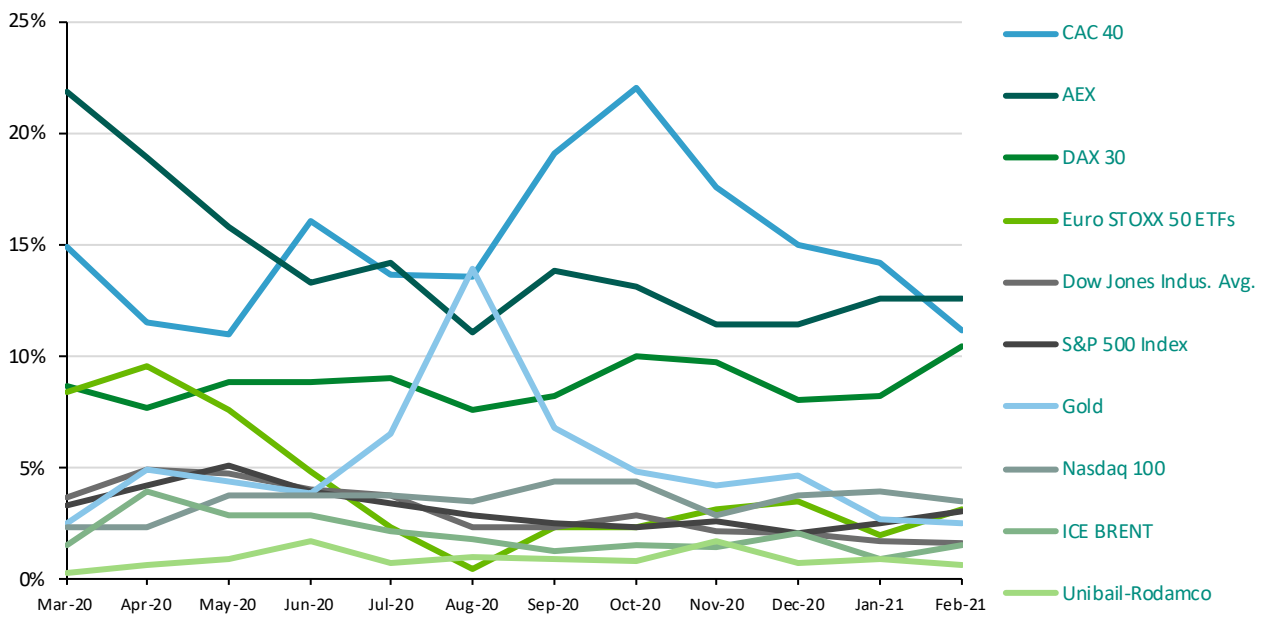
(Source Euronext)



# TOP 10 UNDERLYINGS

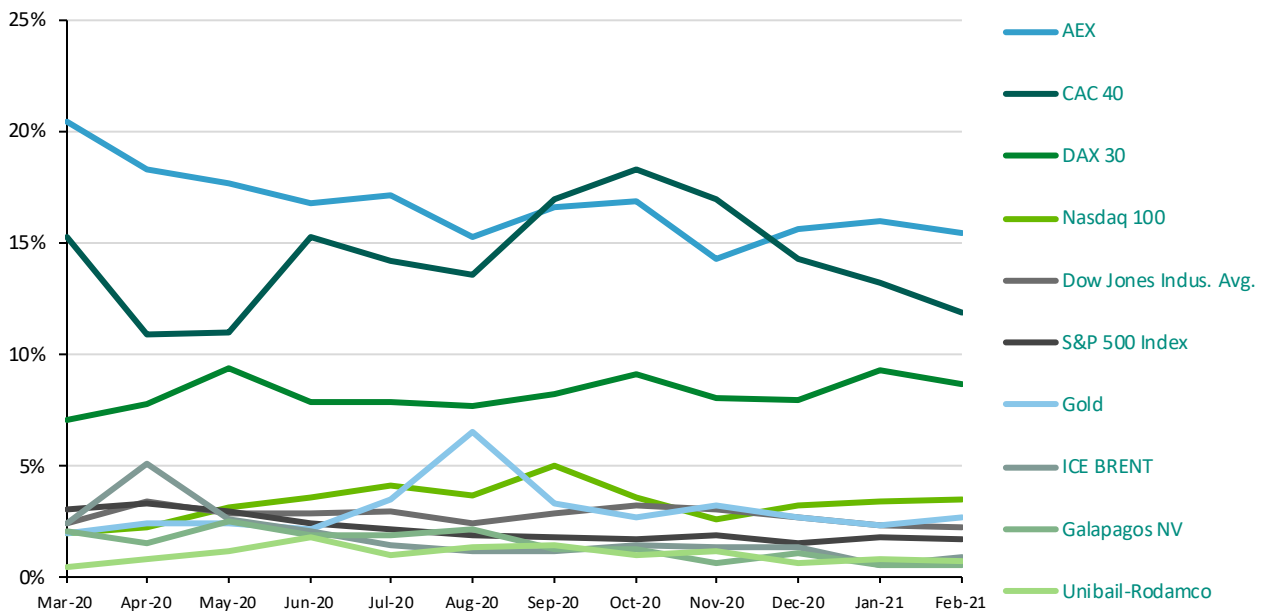
## Market Trend: Value traded

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

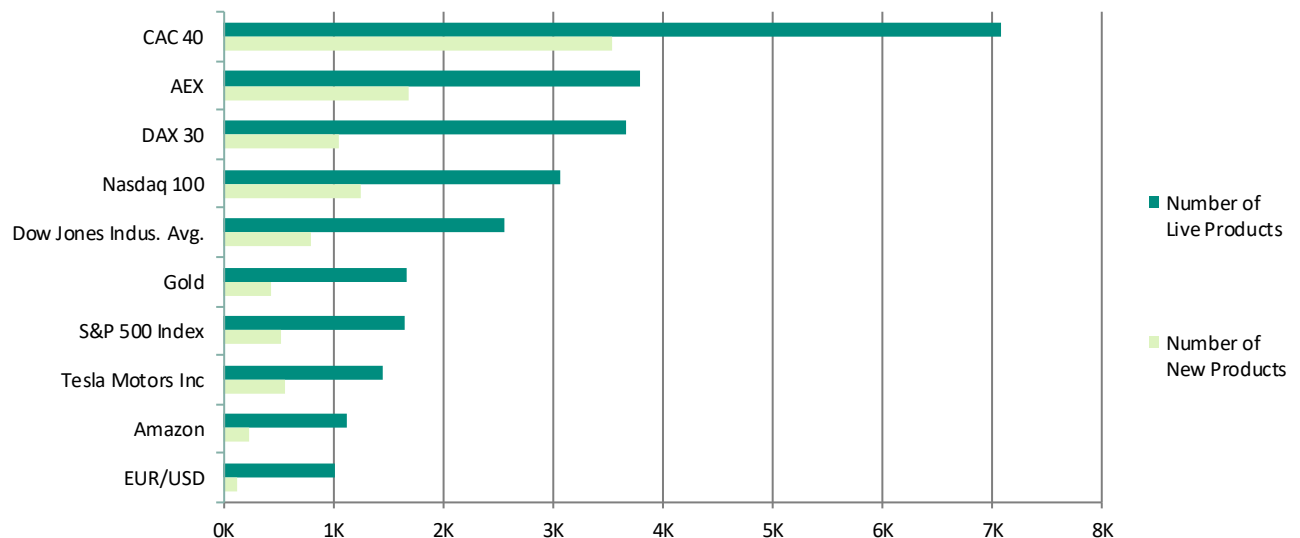
## Product Overview

The table below displays the daily 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 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	7,078	8.9%	-6.9%	8.6%	3,536	-25%	-21%	12.1%
AEX	3,795	7.1%	4.0%	4.6%	1,691	-4.1%	-8.6%	5.8%
DAX 30	3,668	6.7%	-2.4%	4.5%	1,055	-51%	-50%	3.6%
Nasdaq 100	3,070	14.6%	22%	3.7%	1,257	-33%	-13.7%	4.3%
Dow Jones Indus. Avg.	2,550	9.2%	6.8%	3.1%	795	-38%	-41%	2.7%
Gold	1,666	1.2%	-2.8%	2.0%	437	-13.6%	-26%	1.5%
S&P 500 Index	1,642	11.6%	10.8%	2.0%	518	-34%	-23%	1.8%
Tesla Motors Inc	1,458	6.1%	26%	1.8%	560	-42%	-35%	1.9%
Amazon	1,131	4.2%	31%	1.4%	231	-6.5%	-49%	0.8%
EUR/USD	1,006	-2.7%	-7.1%	1.2%	131	-9.7%	-58%	0.4%
Other	54,974	6.3%	1.7%	67.0%	18,941	15.9%	-17.6%	65.0%
Total	82,037	6.8%	2.2%	100%	29,152	-5.4%	-21.3%	100%

(Source Euronext)

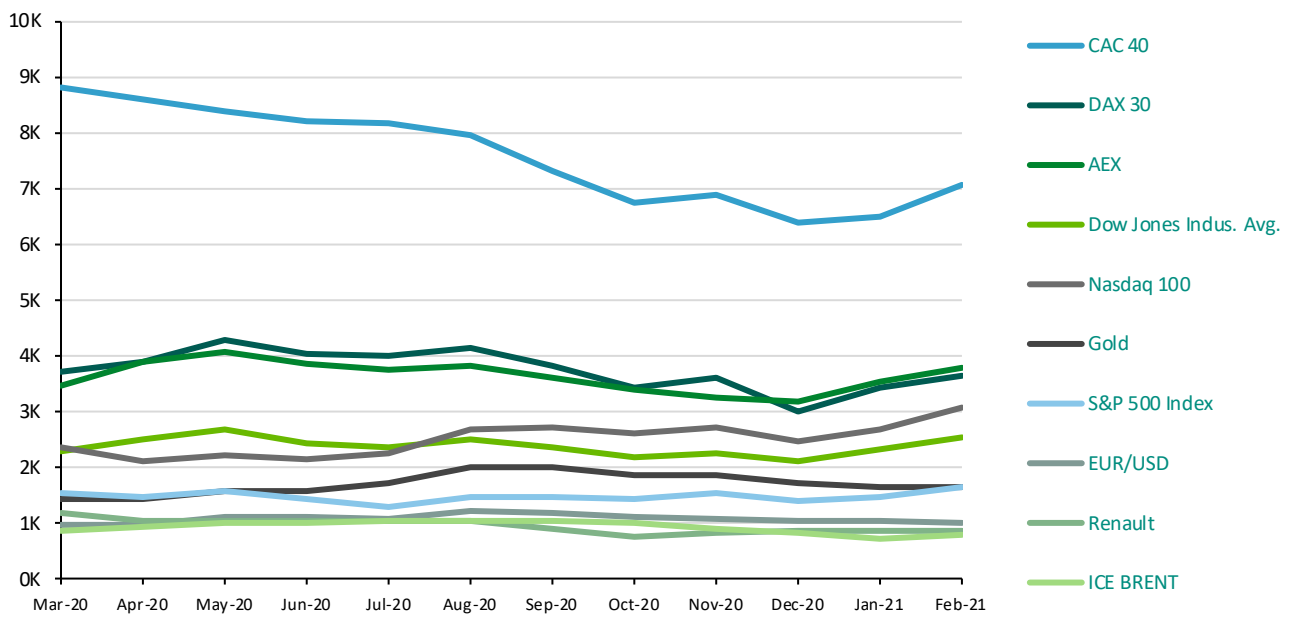




# TOP 10 UNDERLYINGS

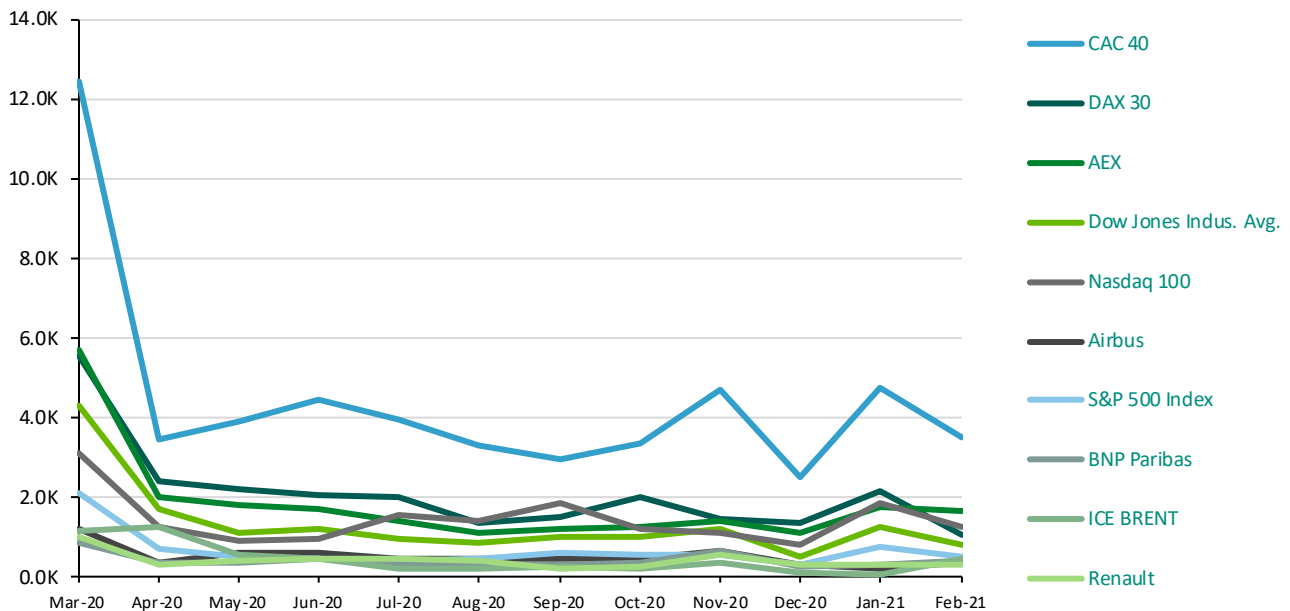
## Product Trend: Number of Live Products

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
PTBITTYE0094	BCP	1300   Tracker Certificates	MSCI World Index	16,950	945
NLBNPNL15NU9	BNP Paribas	2210   Mini-Futures	DAX 30	13,558	408
NLBNPNL15MN6	BNP Paribas	2205   Open-End Knock-Out Warrants	DAX 30	11,950	3,376
PTBITHYM0080	BCP	1300   Tracker Certificates	S&P 500 Index	10,893	706
NLBNPFR10QY8	BNP Paribas	2100   Warrants	Euro STOXX 50 ETFs	7,828	112
DE000KE04Z90	Citi	2205   Open-End Knock-Out Warrants	DAX 30	7,437	198
PTBIVRYE0068	BCP	1300   Tracker Certificates	Euro STOXX 50	6,729	495
FRBNPP029MQ2	BNP Paribas	2210   Mini-Futures	CAC 40	5,996	249
NL0014156432	BNP Paribas	2210   Mini-Futures	AEX	5,830	943
DE000SD1VX22	Société Générale	2200   Knock-Out Warrants	DAX 30	5,797	369
NL00150003V5	ING	2100   Warrants	Euro STOXX 50 ETFs	5,323	379
PTBCPZYM0047	BCP	1300   Tracker Certificates	NASDAQ-100 Notional Net Tot	5,301	435
LU2295301605	KBC	1260   Express Certificates	S&P 500 Index	5,051	33
PTBIT7YM0043	BCP	1300   Tracker Certificates	Basket of Indices	4,886	75
DE000KE2UFU2	Citi	2205   Open-End Knock-Out Warrants	DAX 30	4,817	204
NLBNPFR11SS4	BNP Paribas	2100   Warrants	Euro STOXX 50 ETFs	4,816	100
DE000KB7T969	Citi	2200   Knock-Out Warrants	DAX 30	4,552	97
NL00150003T9	ING	2100   Warrants	Euro STOXX 50 ETFs	4,091	548
NL0015485129	BNP Paribas	2210   Mini-Futures	DAX 30	3,829	200
DE000SB2EJF4	Société Générale	2300   Constant Leverage Certificate	CAC 40	3,783	615
NLGS0000DJ69	Goldman Sachs	2210   Mini-Futures	Fugro	3,668	112
LU2306564522	KBC	1260   Express Certificates	EURO STOXX 30 SELECT DIVIDEN	3,600	32
FRBNPP022198	BNP Paribas	2210   Mini-Futures	CAC 40	3,298	123
NLBNPFR10QX0	BNP Paribas	2100   Warrants	Euro STOXX 50 ETFs	3,218	510
DE000SD1AM38	Société Générale	2300   Constant Leverage Certificate	CAC 40	3,210	567
DE000VQ3E5D2	Vontobel	2200   Knock-Out Warrants	AEX	3,171	169
NLBNPNL15NR5	BNP Paribas	2210   Mini-Futures	AEX	3,088	608
DE000SD1NRF8	Société Générale	2300   Constant Leverage Certificate	Tesla Motors Inc	2,981	85
NL0014142523	BNP Paribas	2205   Open-End Knock-Out Warrants	DAX 30	2,734	1,039
NL00150003U7	ING	2100   Warrants	Euro STOXX 50 ETFs	2,609	203
NLGS0000G7P2	Goldman Sachs	2210   Mini-Futures	Fugro	2,606	104
DE000VQ2TD17	Vontobel	2205   Open-End Knock-Out Warrants	AEX	2,576	1,740
NLGS0000RN18	Goldman Sachs	2210   Mini-Futures	AEX	2,572	50
FRBNPP01XBR3	BNP Paribas	2300   Constant Leverage Certificate	Nasdaq 100	2,522	50
NLBNPNL162S6	BNP Paribas	2210   Mini-Futures	AEX	2,507	683
LU2295301274	KBC	1260   Express Certificates	Euro STOXX 50	2,400	19
LU2306565768	KBC	1260   Express Certificates	EURO STOXX 30 SELECT DIVIDEN	2,368	19
NLBNPNL15Z58	BNP Paribas	2210   Mini-Futures	AEX	2,249	120
NLBNPNL15L54	BNP Paribas	2210   Mini-Futures	AEX	2,161	273
DE000UC142D7	Unicredit	2205   Open-End Knock-Out Warrants	Carrefour	2,155	95
NLBNPNL15L13	BNP Paribas	2210   Mini-Futures	AEX	2,141	119
NLBNPNL167J4	BNP Paribas	2210   Mini-Futures	ICE BRENT	1,989	41
NLBNPNL16JP5	BNP Paribas	2210   Mini-Futures	AEX	1,987	336
NLBNPNL13NQ2	BNP Paribas	2205   Open-End Knock-Out Warrants	Silver	1,966	251
DE000SD122A8	Société Générale	2100   Warrants	Orange (ex France Télécom)	1,902	268
NLBNPNL15T15	BNP Paribas	2210   Mini-Futures	DAX 30	1,857	149
DE000CX3Y7B4	Citi	2300   Constant Leverage Certificate	CAC 40 x5 Leverage Index	1,848	16
NLBNPNL14NM9	BNP Paribas	2205   Open-End Knock-Out Warrants	EUR/USD	1,847	120
NLBNPNL14ZJ9	BNP Paribas	2210   Mini-Futures	AEX	1,804	372
PTBIT8YM0042	BCP	1300   Tracker Certificates	BCP Estratégia de Alocação M	1,773	16

(Source Euronext)



# Euroclear Belgium Instruments

# ISSUERS

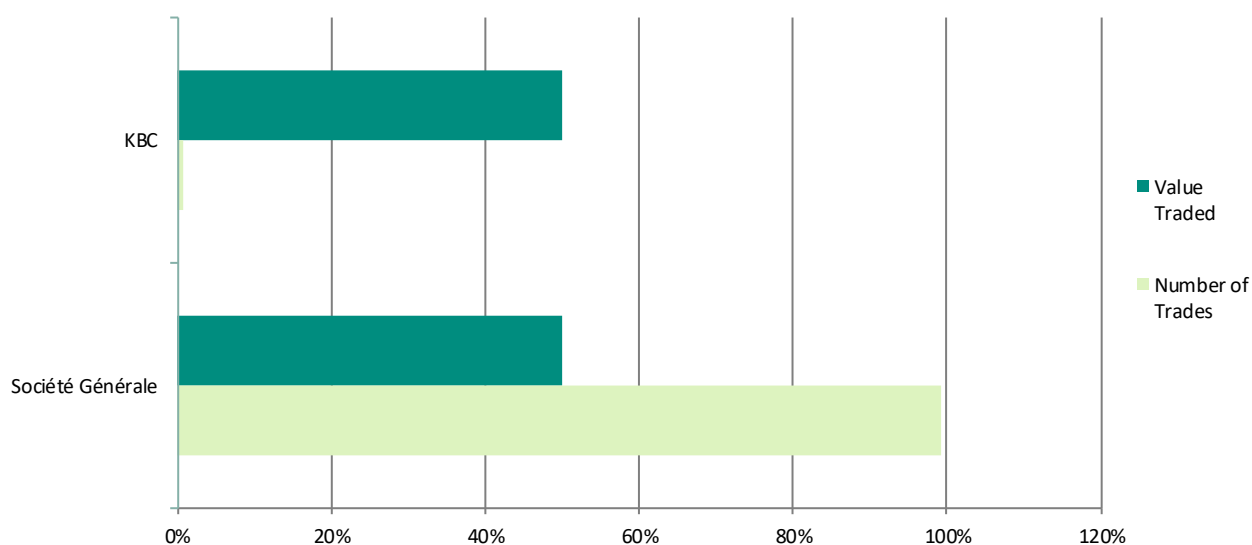
## Market Overview

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
KBC	315	NA	223%	50.0%	2.7	NA	232.9%	0.8%
Société Générale	314	-46%	-36%	50.0%	316	-36.9%	11.7%	99.2%
Total	629	5.7%	4.3%	100%	318	-36.4%	8.2%	100%

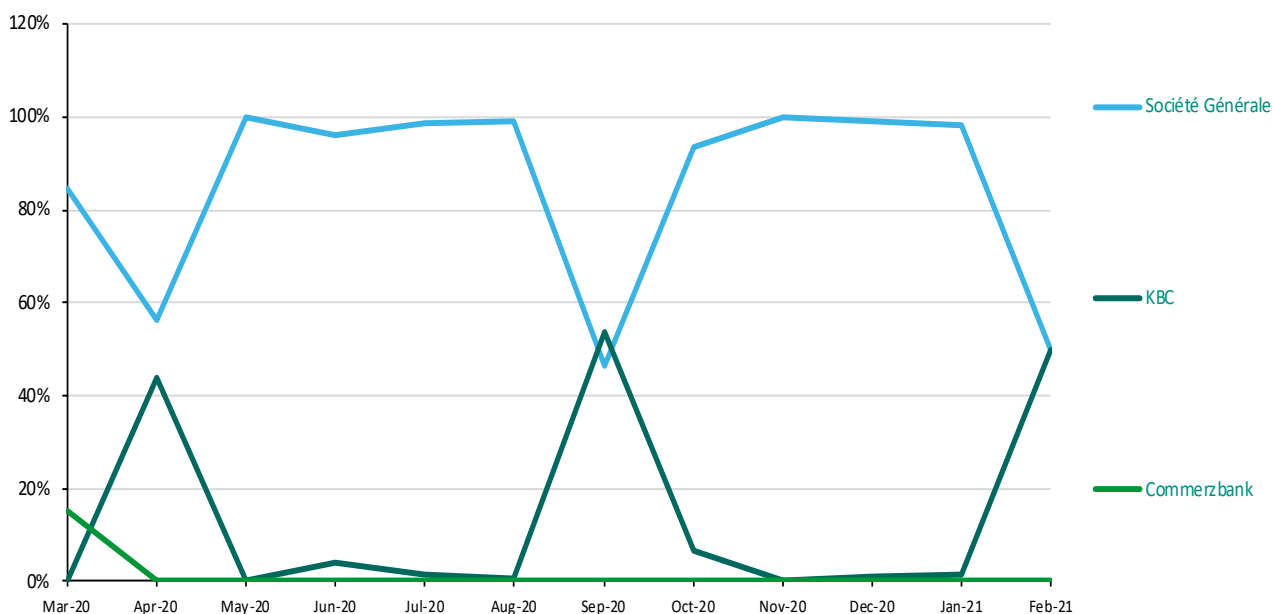
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# ISSUERS

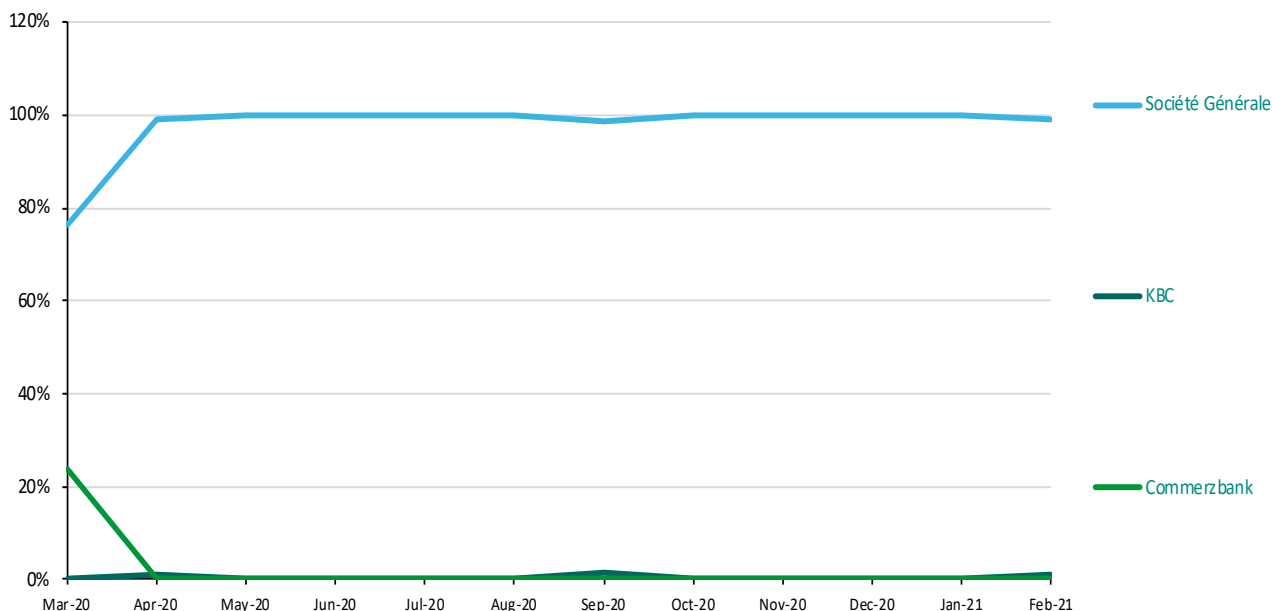
## Market Trend: Value traded

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

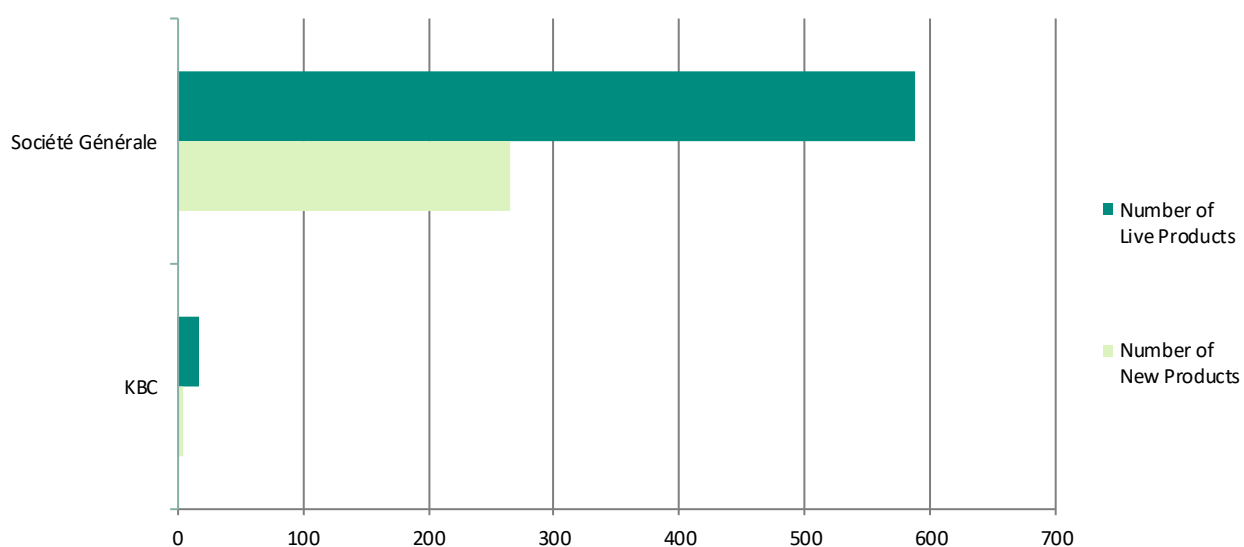
## Product Overview

The table below displays the daily 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 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	588	-21%	-18.4%	97.1%	265	12.8%	-24%	98.5%
KBC	17	21%	3.3%	2.9%	4	300%	129%	1.5%
Total	606	-20.0%	-23.6%	100%	269	14.0%	-30.9%	100%

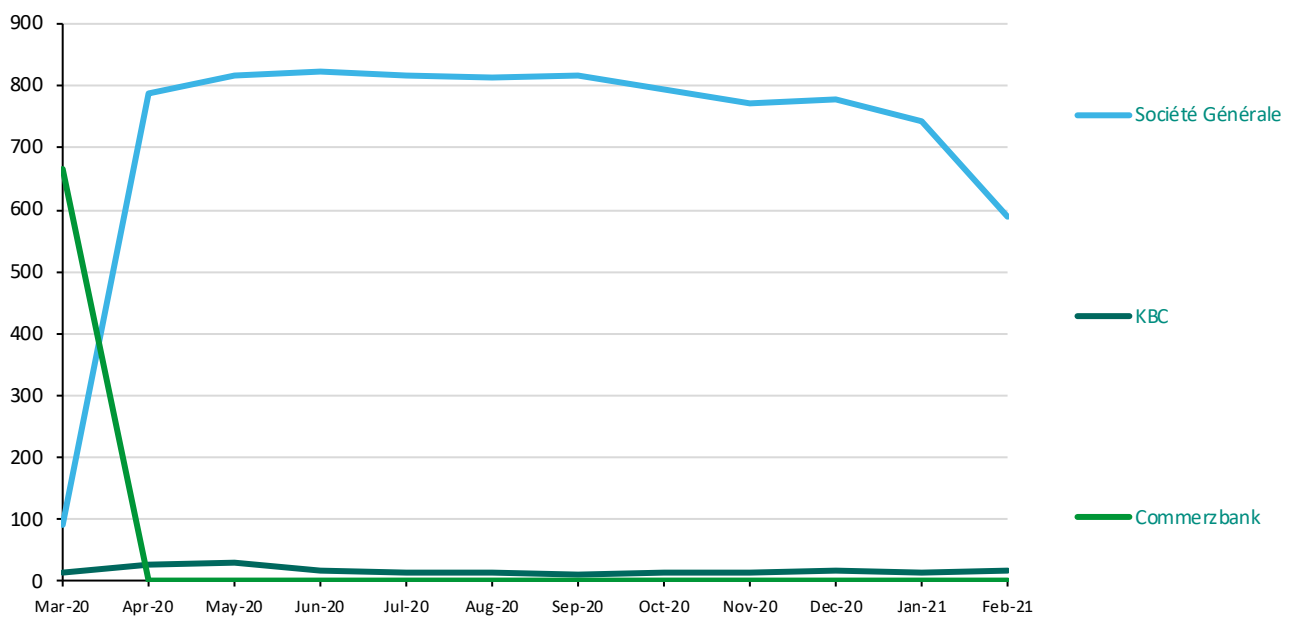
(Source Euronext)



# ISSUERS

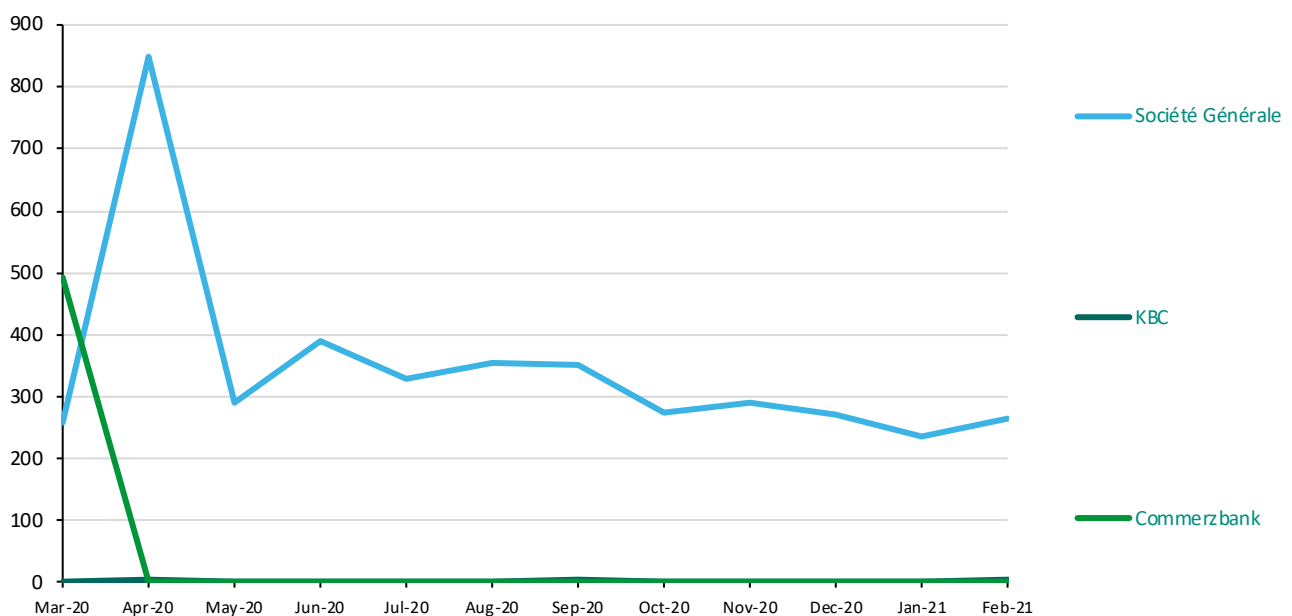
## Product Trend: Number of Live Products

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)

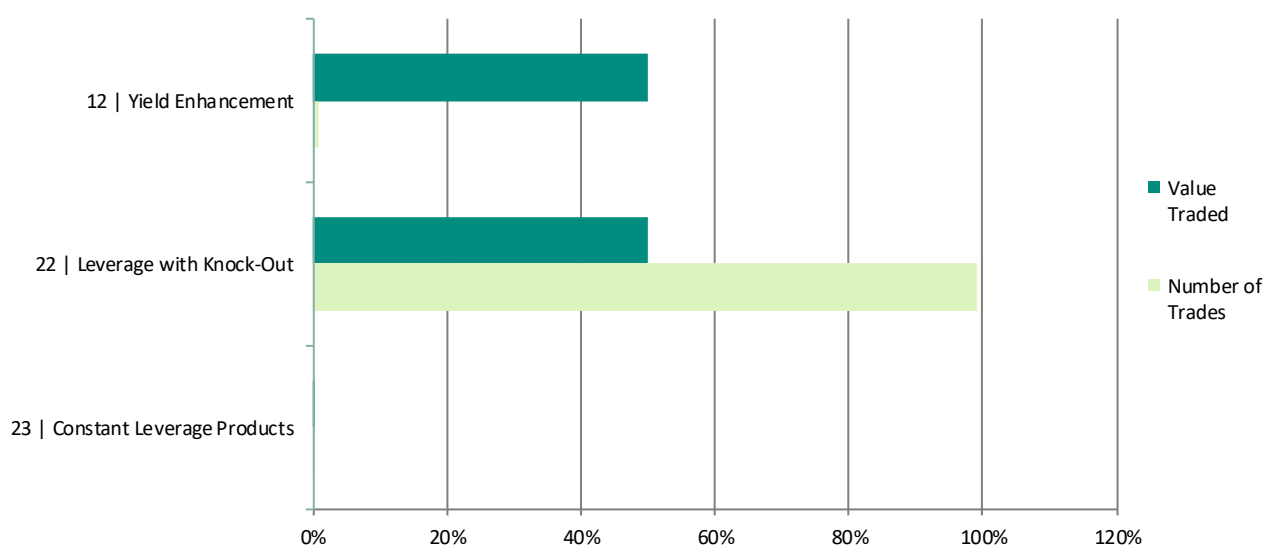
### Market Overview

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
12   Yield Enhancement	315	NA	224%	50.0%	2.7	NA	236.2%	0.8%
22   Leverage with Knock-Out	314	-46%	-37%	49.9%	315	-36.9%	10.2%	99.1%
23   Constant Leverage Products	1		-93%	0.1%	0.2		-97.2%	0.1%
<b>Total</b>	<b>629</b>	<b>5.7%</b>	<b>4.3%</b>	<b>100%</b>	<b>318</b>	<b>-36.4%</b>	<b>8.2%</b>	<b>100%</b>

(Source Euronext)

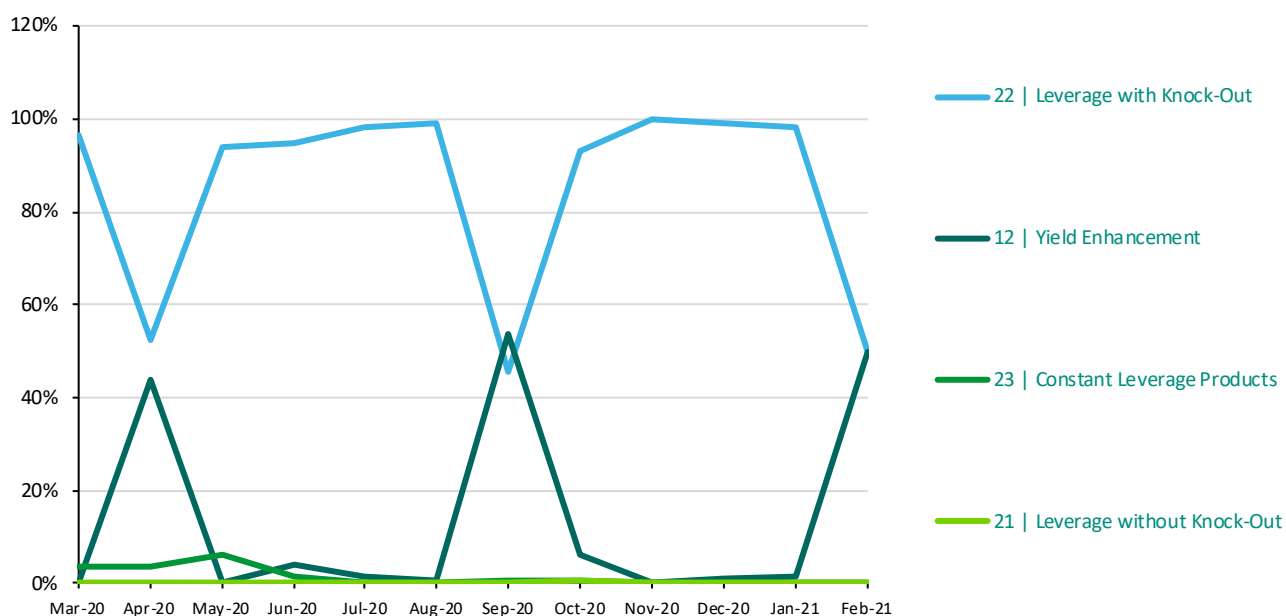




# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 2)

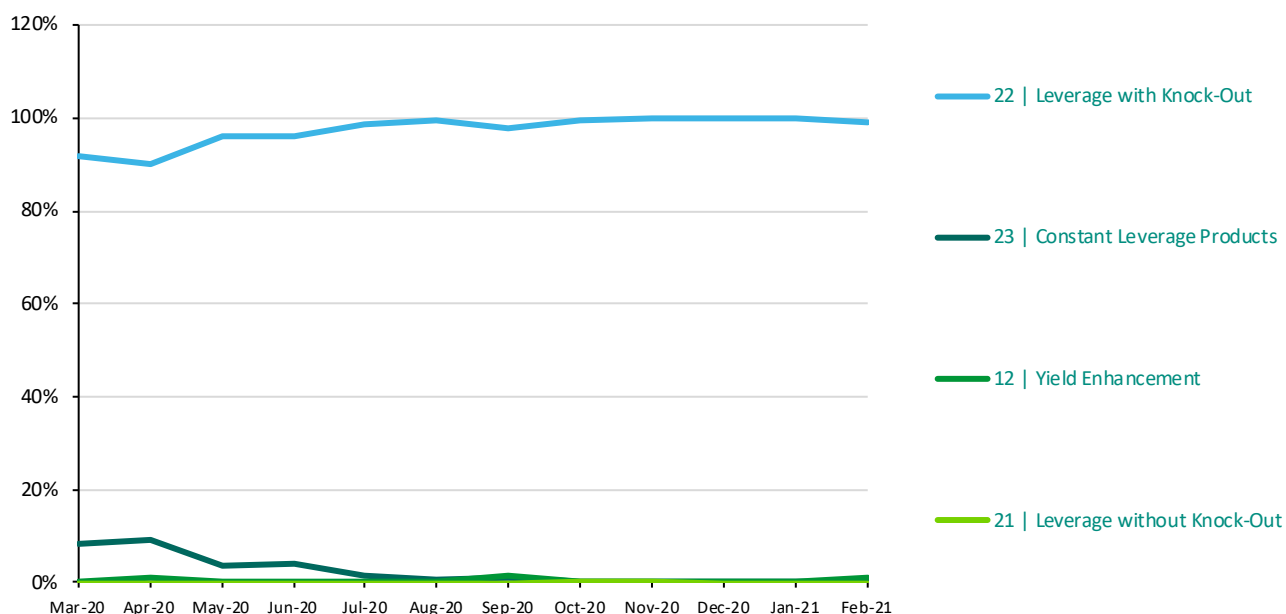
## Market Trend: Value traded

The historical graph below displays the weight of the value traded for each product type over the total value traded on Euroclear 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)

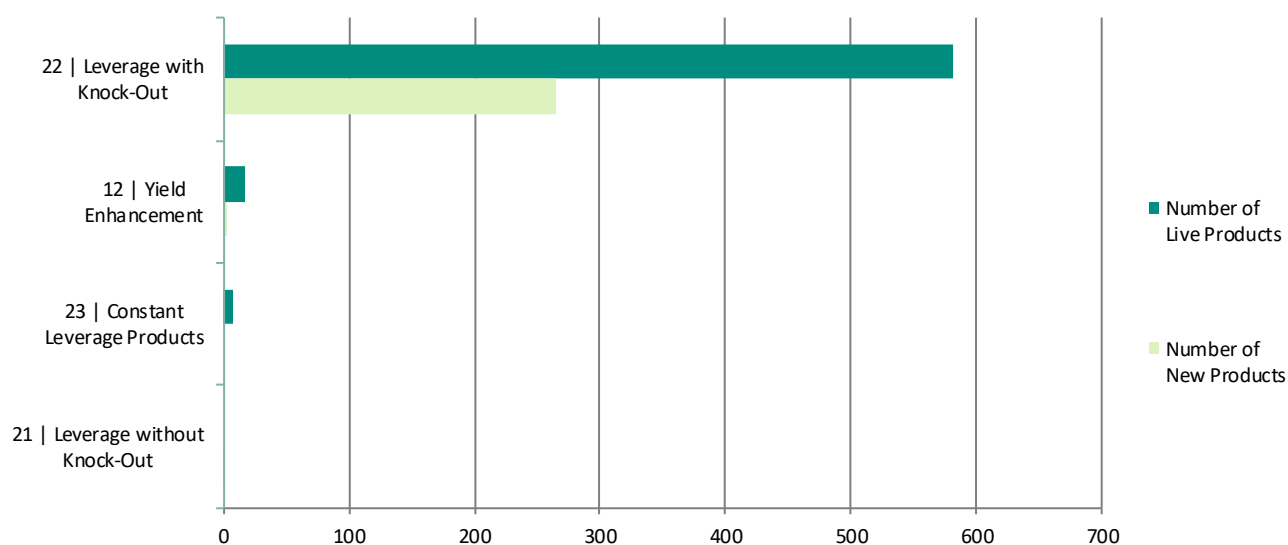
### Product Overview

The table below displays the daily 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 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	581	-21%	-20%	96.0%	265	12.8%	-32%	98.5%
12   Yield Enhancement	17	21%	23%	2.9%	3		300%	1.1%
23   Constant Leverage Products	7	0.0%	-85%	1.2%	0		-100%	0.0%
21   Leverage without Knock-Out	0		-100%	0.0%	1	0.0%	0.0%	0.4%
<b>Total</b>	<b>606</b>	<b>-20.0%</b>	<b>-23.6%</b>	<b>100%</b>	<b>269</b>	<b>14.0%</b>	<b>-30.9%</b>	<b>100%</b>

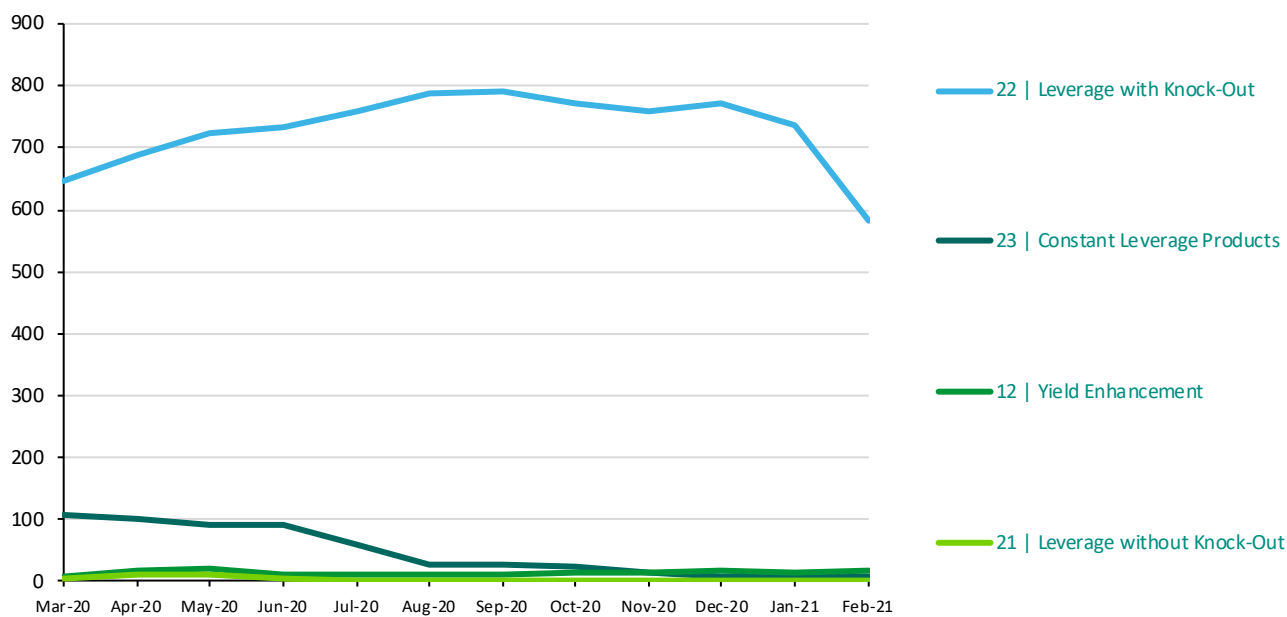
(Source Euronext)



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

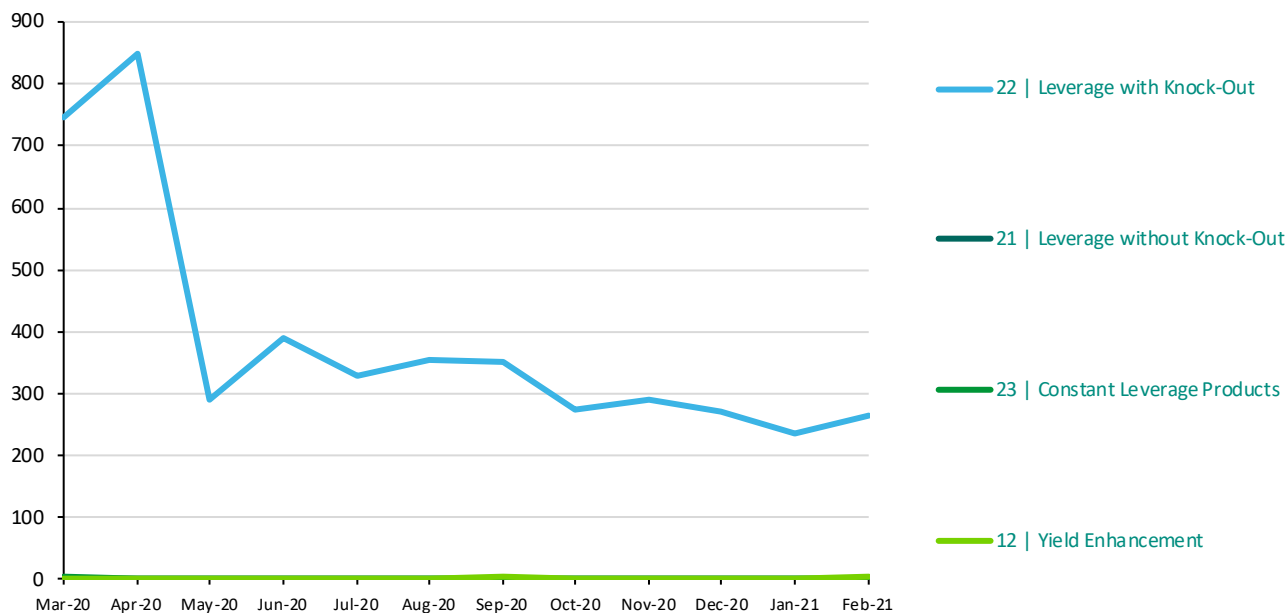
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each product type on Euroclear 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)

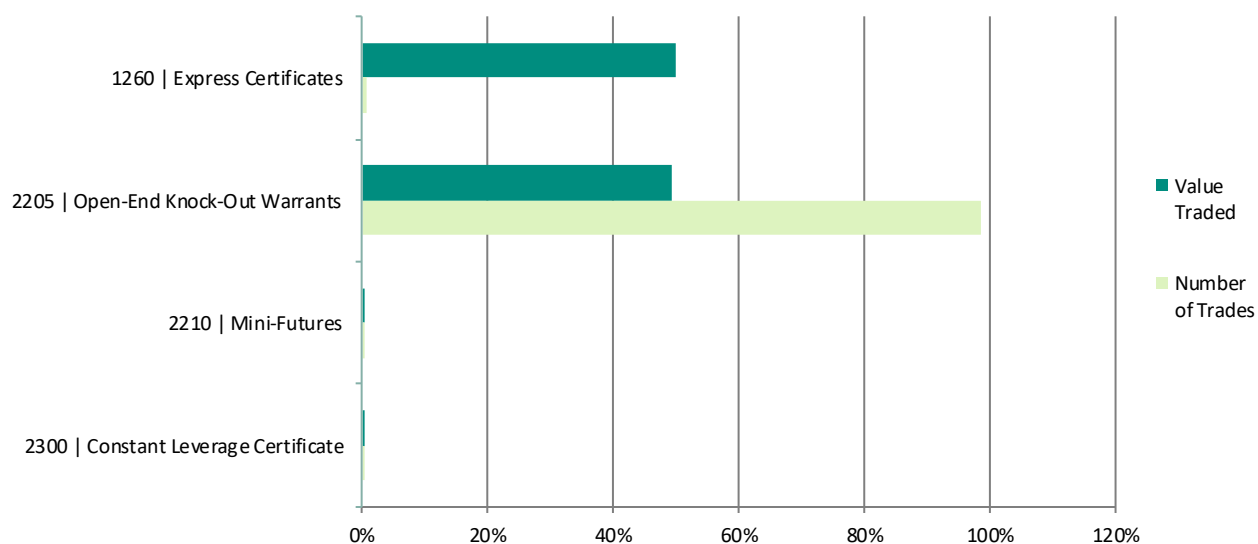
## Market Overview

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
1260   Express Certificates	315	NA	224%	50.0%	2.7	NA	236.2%	0.8%
2205   Open-End Knock-Out Warrants	311	-47%	-37%	49.4%	315	-37%	10.5%	98.8%
2210   Mini-Futures	3	-18.9%	-36%	0.4%	1.0	0.0%	-45%	0.3%
2300   Constant Leverage Certificate	1		-93%	0.1%	0.2		-97%	0.1%
<b>Total</b>	<b>629</b>	<b>5.7%</b>	<b>4.3%</b>	<b>100%</b>	<b>318</b>	<b>-36.4%</b>	<b>8.2%</b>	<b>100%</b>

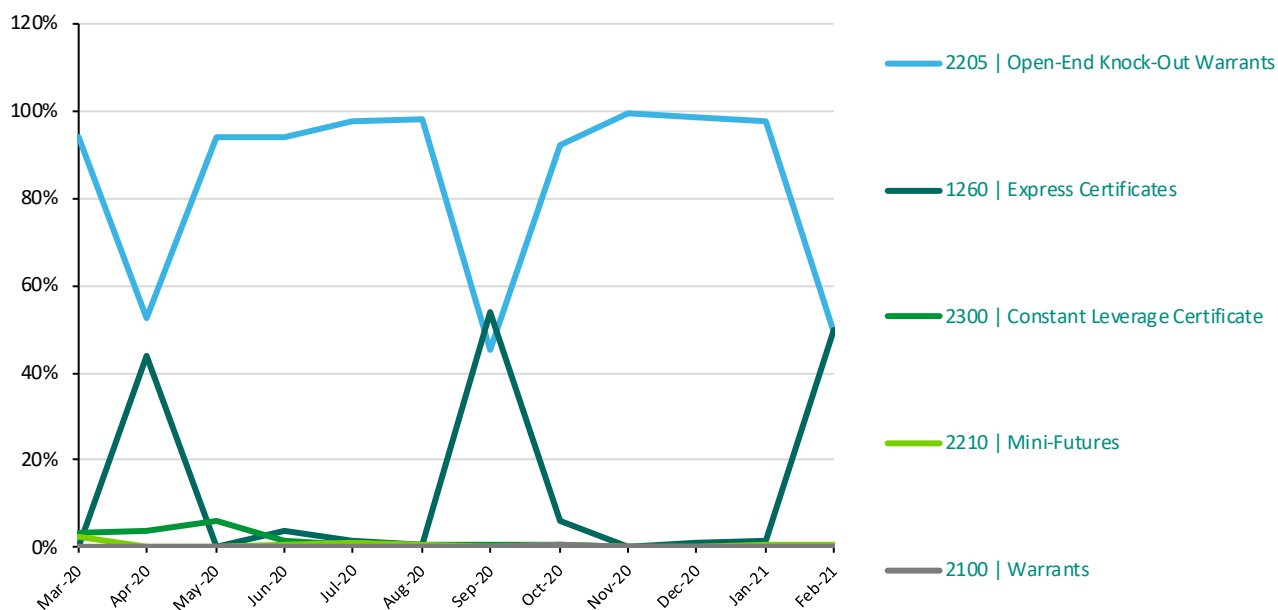
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# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 3)

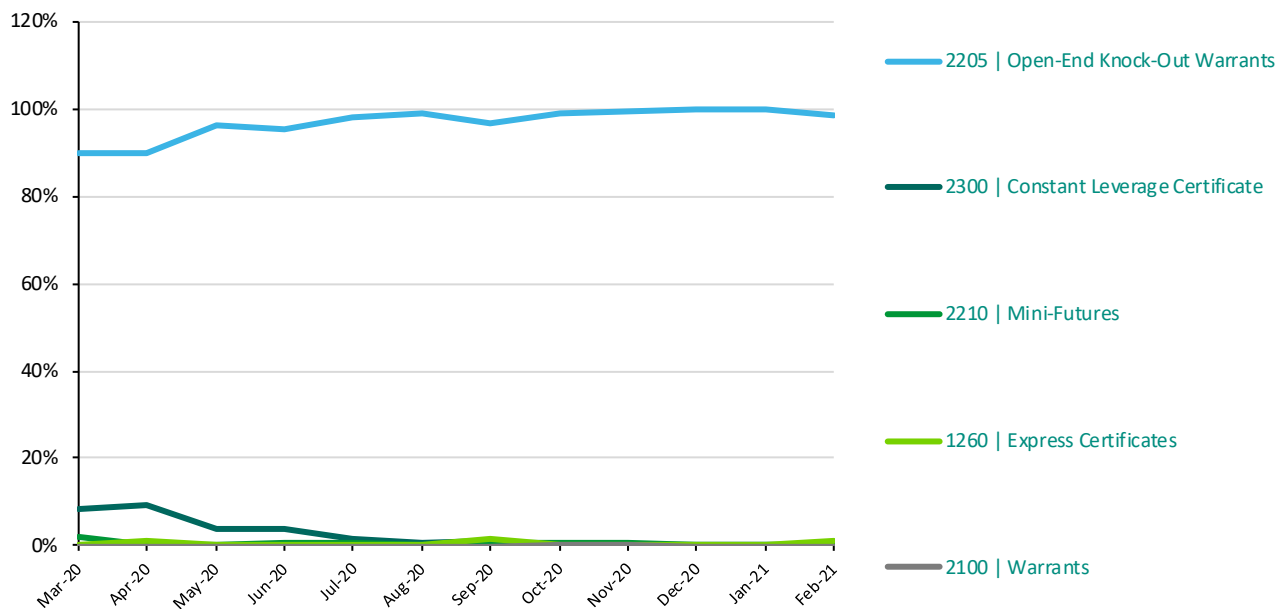
## Market Trend: Value traded

The historical graph below displays the weight of the value traded for each product type over the total value traded on 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)

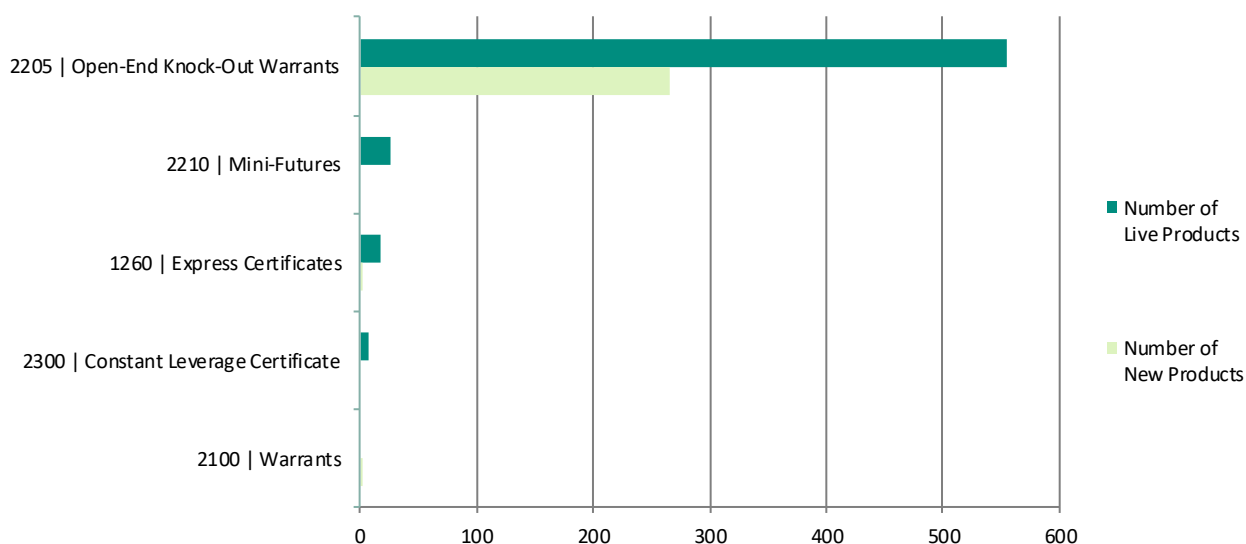
## Product Overview

The table below displays the daily 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 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	555	-21%	-19.8%	91.6%	265	13.2%	-28%	98.5%
2210   Mini-Futures	26	-16.9%	-28%	4.4%	0	-100%	-100%	0.0%
1260   Express Certificates	17	21%	23%	2.9%	3		300%	1.1%
2300   Constant Leverage Certificate	7	0.0%	-85%	1.2%	0		-100%	0.0%
2100   Warrants	0		-100%	0.0%	1	0.0%	0.0%	0.4%
<b>Total</b>	<b>606</b>	<b>-20.0%</b>	<b>-23.6%</b>	<b>100%</b>	<b>269</b>	<b>14.0%</b>	<b>-30.9%</b>	<b>100%</b>

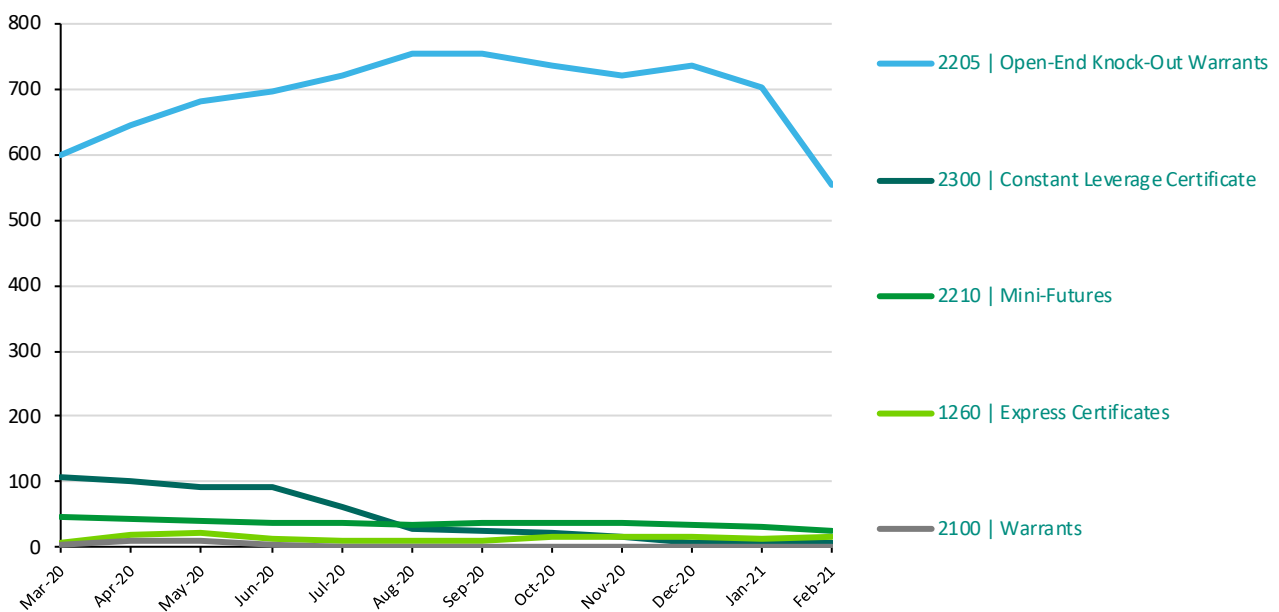
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# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 3)

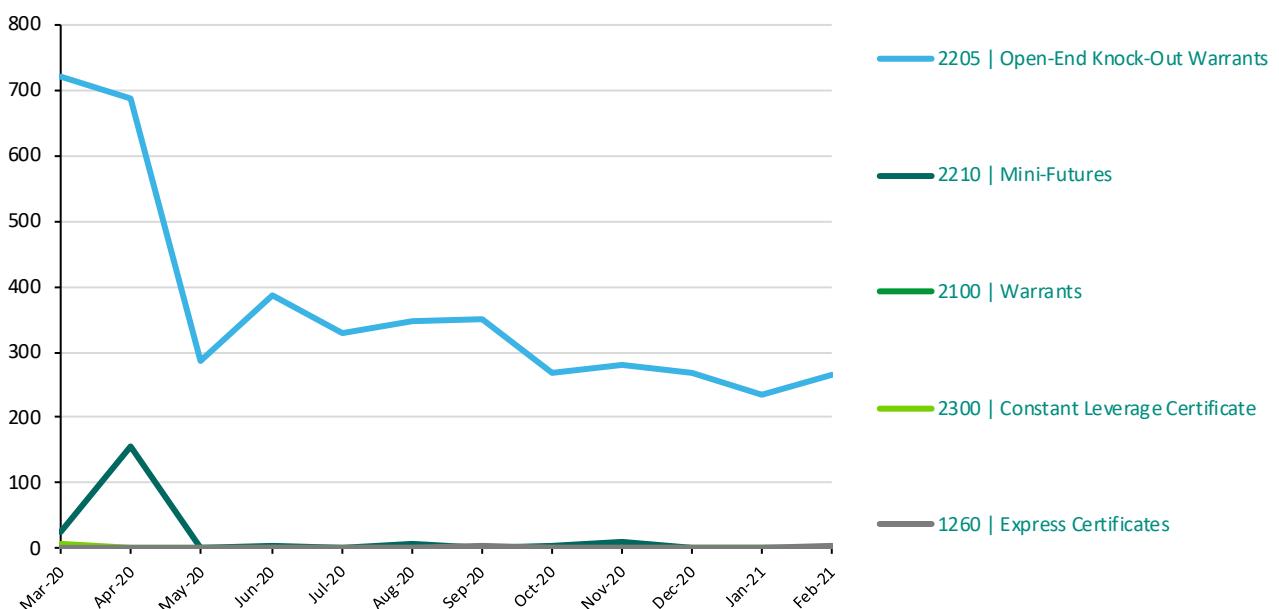
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each product type on 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

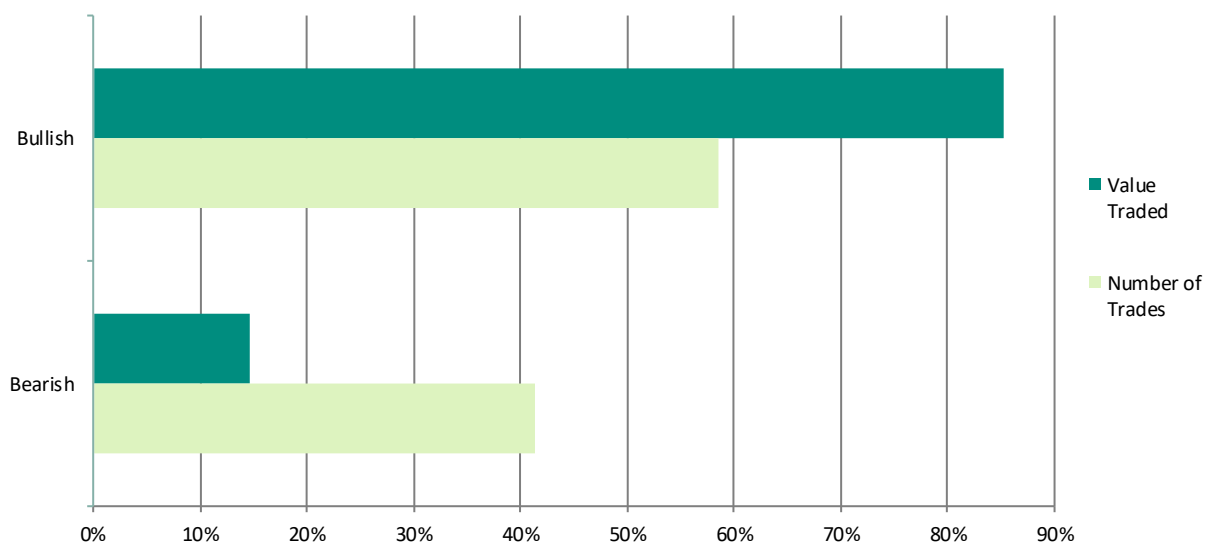
## Market Overview

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
Bullish	537	3.1%	29%	85.4%	186	-39.6%	11.2%	58.5%
Bearish	92	24%	-51%	14.6%	132	-31%	4.2%	41.5%
Total	629	5.7%	4.3%	100%	318	-36.4%	8.2%	100%

(Source Euronext)

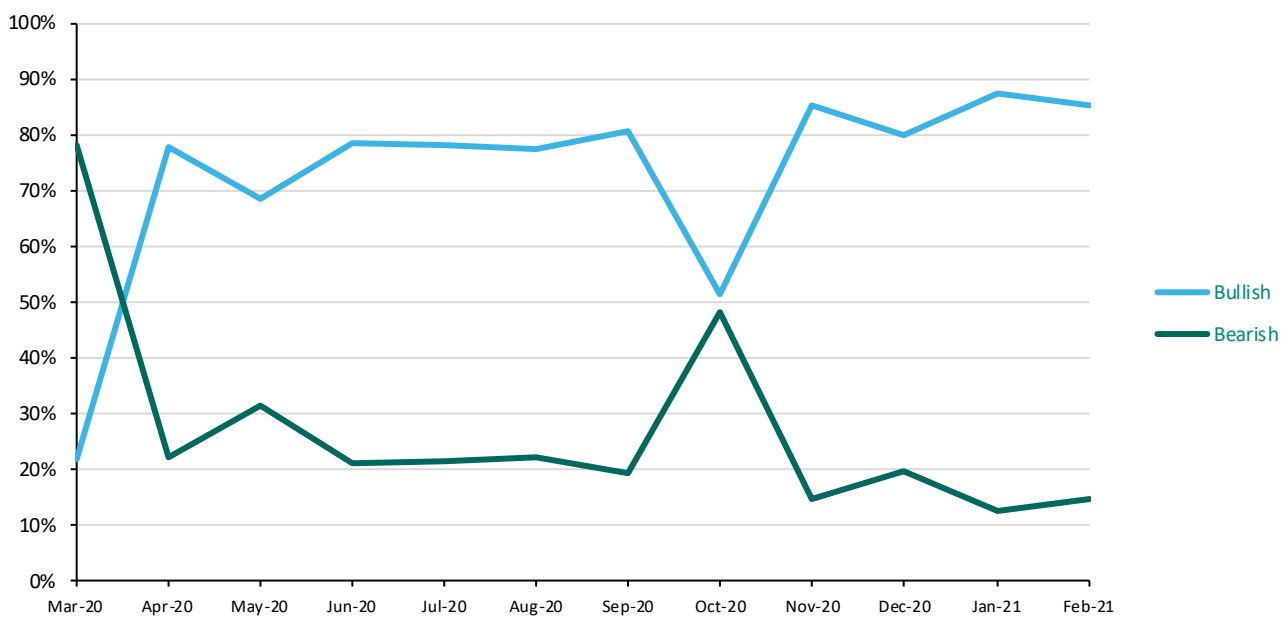




# PRODUCT STRATEGIES

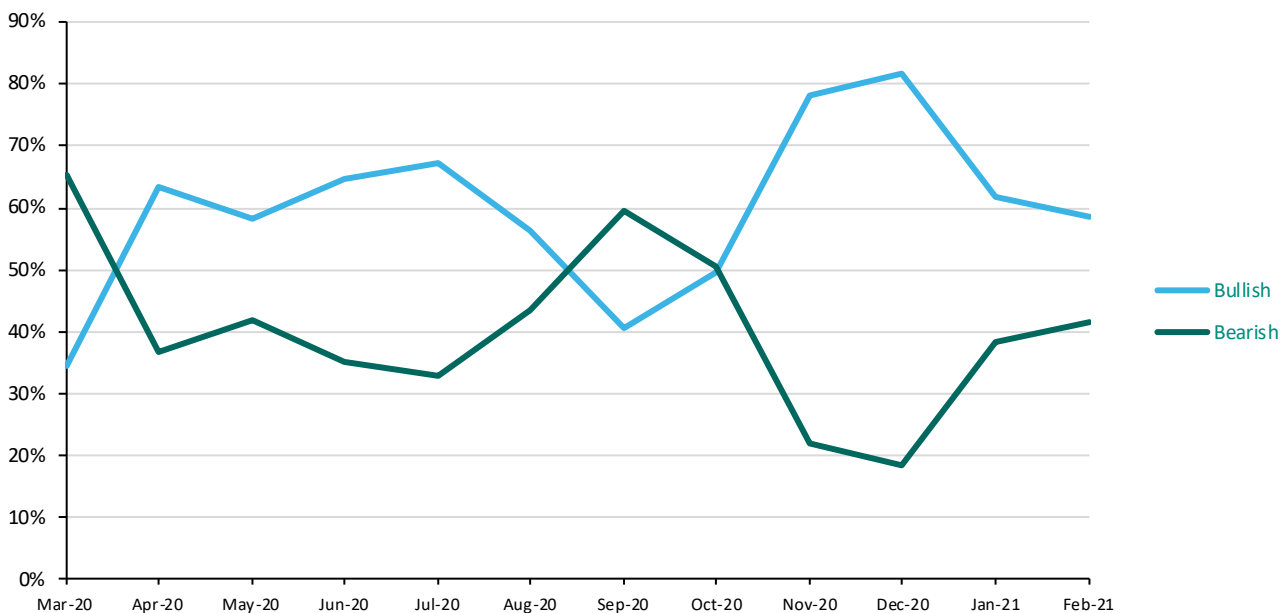
## Market Trend: Value traded

The historical graph below displays the weight of the value traded for each product type over the total value traded on Euroclear 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

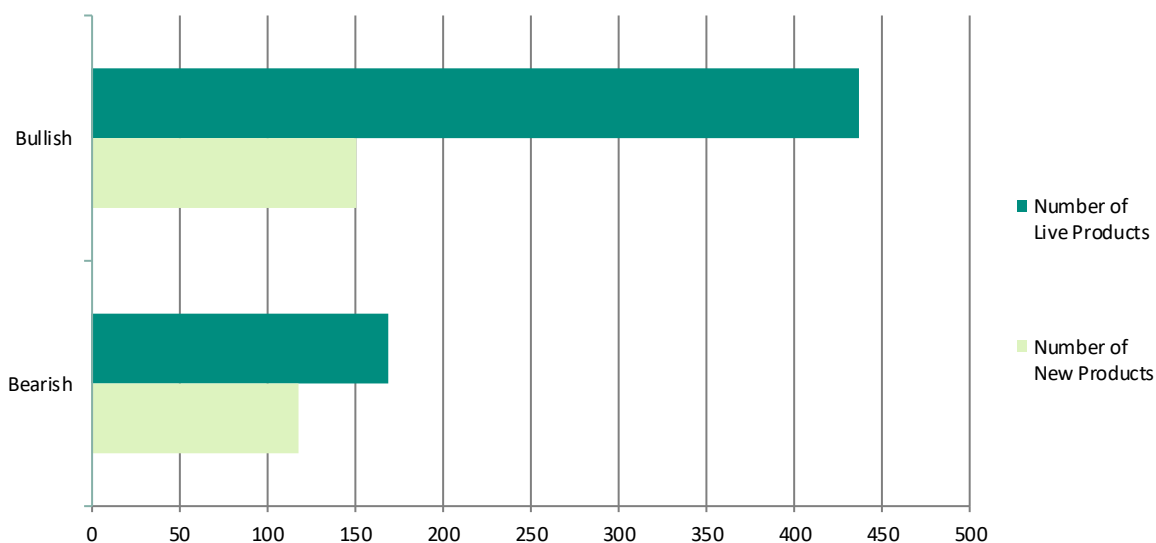
## Product Overview

The table below displays the daily 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 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	437	-23%	-14.4%	72.2%	151	2.7%	-37%	56.1%
Bearish	168	-11.0%	-40%	27.8%	118	33%	-21%	43.9%
Total	606	-20.0%	-23.6%	100%	269	14.0%	-30.9%	100%

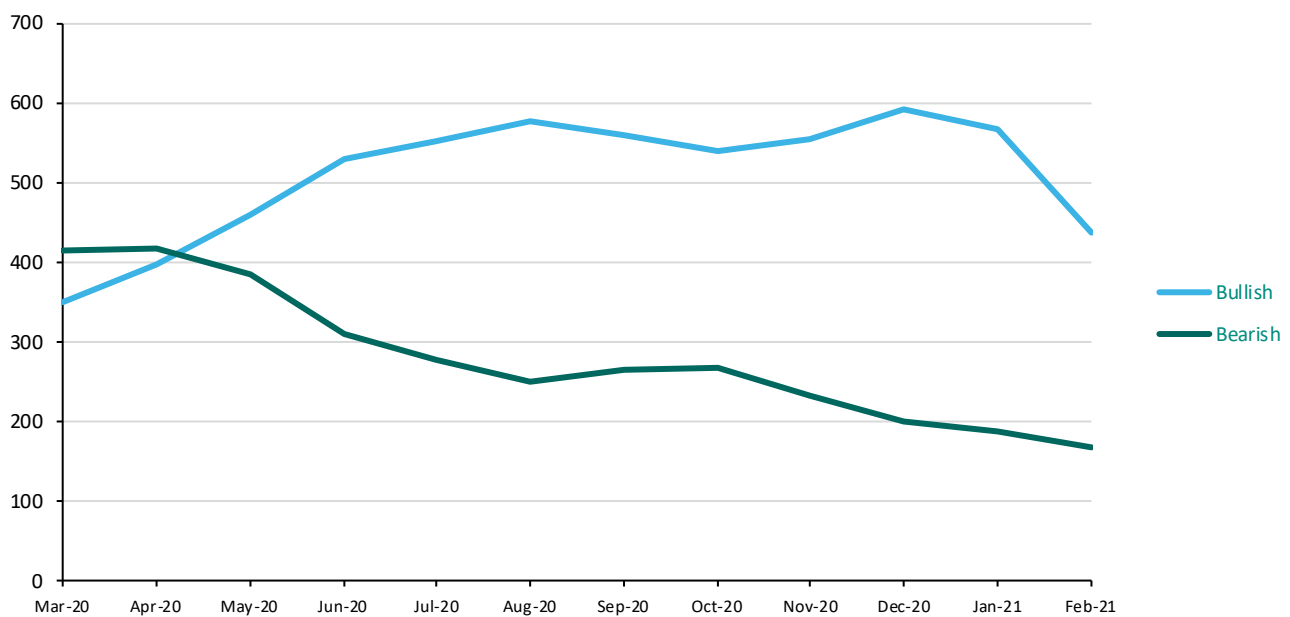
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# PRODUCT STRATEGIES

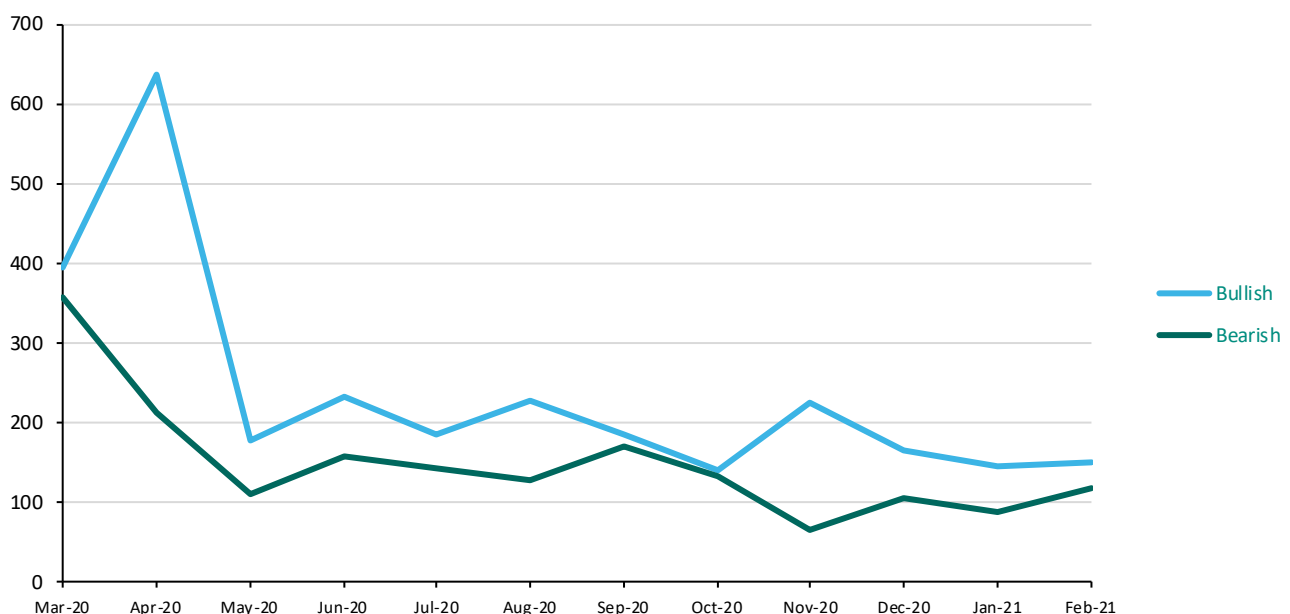
## Product Trend: Number of Live Products

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

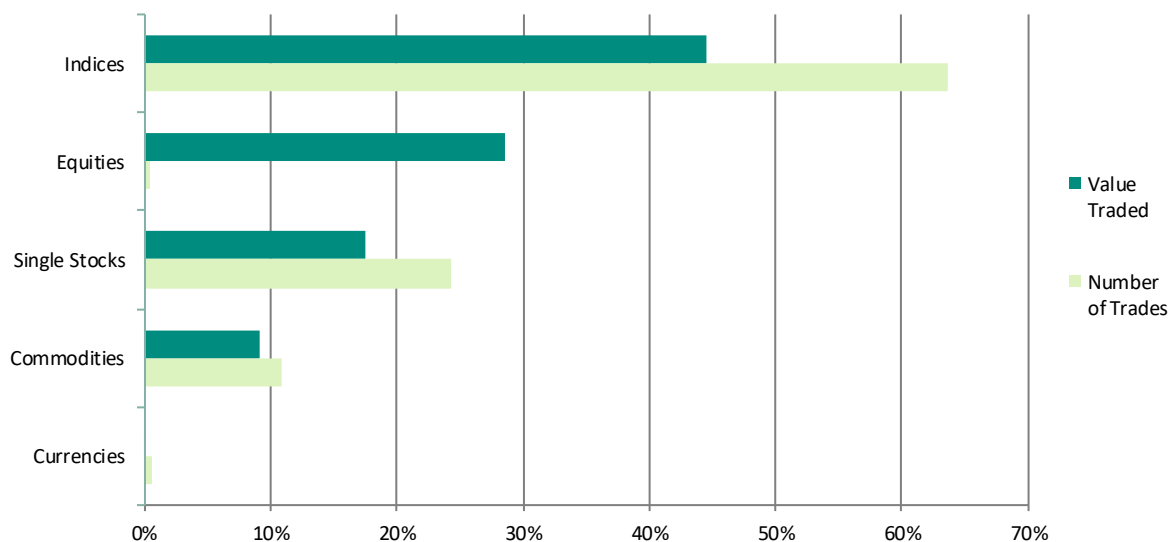
### Market Overview

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	281	16.2%	-25%	44.6%	202	-38.5%	11.6%	63.6%
Equities	180	NA	987%	28.6%	1.6	NA	NA	0.5%
Single Stocks	110	-47%	-18.6%	17.6%	78	-34.8%	7.0%	24.3%
Commodities	57	-58%	-20%	9.1%	35	-28.9%	-1.3%	10.9%
Currencies	1	-38%	-81%	0.1%	2.1	-40.8%	-59.4%	0.7%
<b>Total</b>	<b>629</b>	<b>5.7%</b>	<b>4.3%</b>	<b>100%</b>	<b>318</b>	<b>-36.4%</b>	<b>8.2%</b>	<b>100%</b>

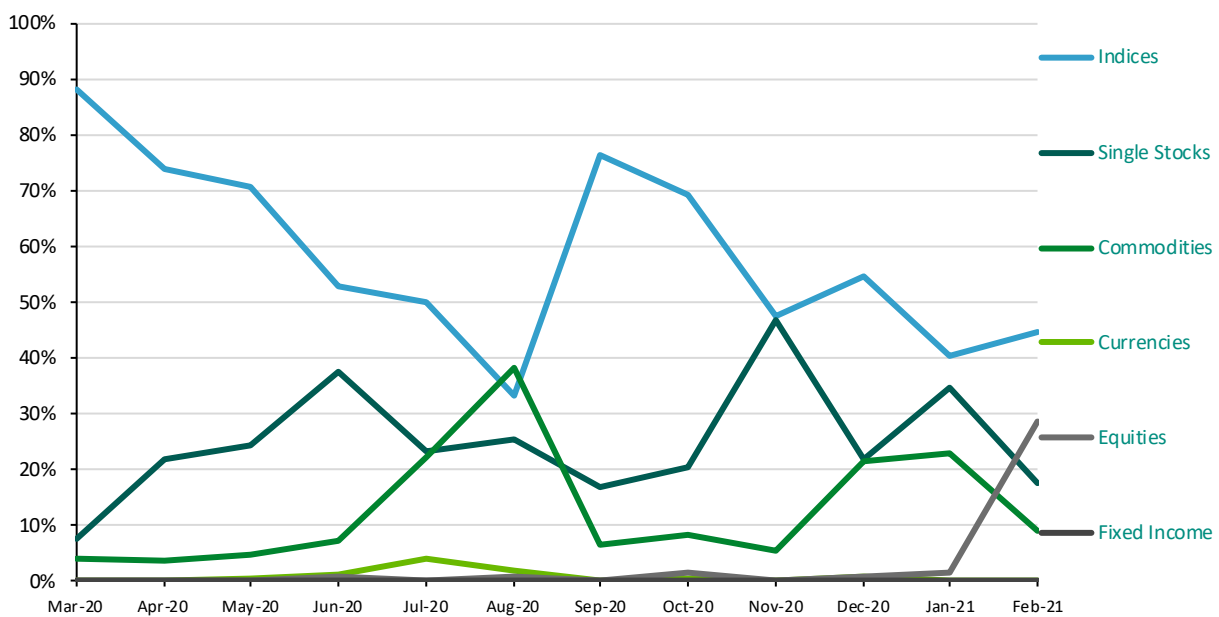
(Source Euronext)



# UNDERLYING TYPES

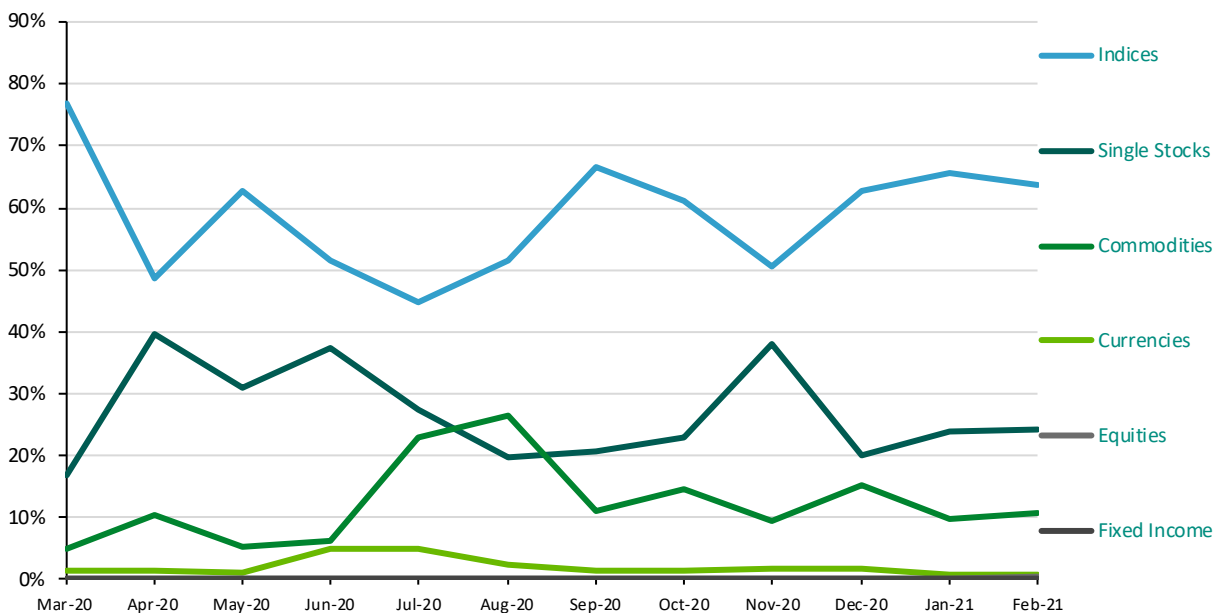
## Market Trend: Value traded

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

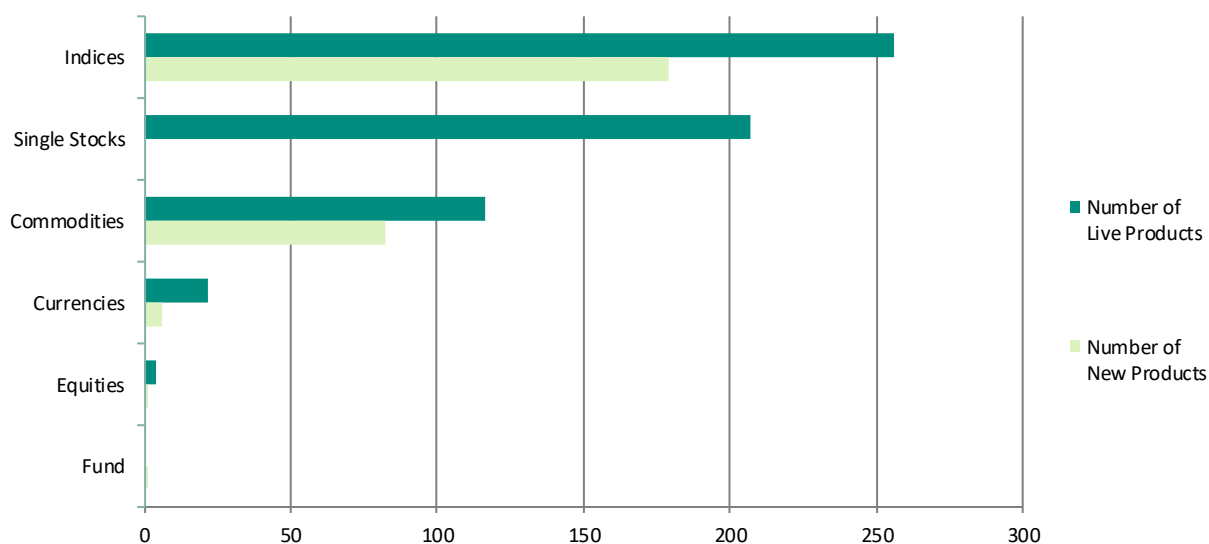
### Product Overview

The table below displays the daily 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 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	256	-25%	-28%	42.3%	179	19.3%	-19.9%	66.5%
Single Stocks	207	-15.1%	-23%	34.2%	0	-100%	-100%	0.0%
Commodities	116	-16.3%	-14.2%	19.2%	82	46%	-5.0%	30.5%
Currencies	22	-24%	-14.5%	3.6%	6	100%	-17.2%	2.2%
Equities	4	15.3%	13.9%	0.7%	1		NA	0.4%
Fund	0			0.0%	1	0.0%	0.0%	0.4%
<b>Total</b>	<b>606</b>	<b>-20.0%</b>	<b>-23.6%</b>	<b>100%</b>	<b>269</b>	<b>14.0%</b>	<b>-30.9%</b>	<b>100%</b>

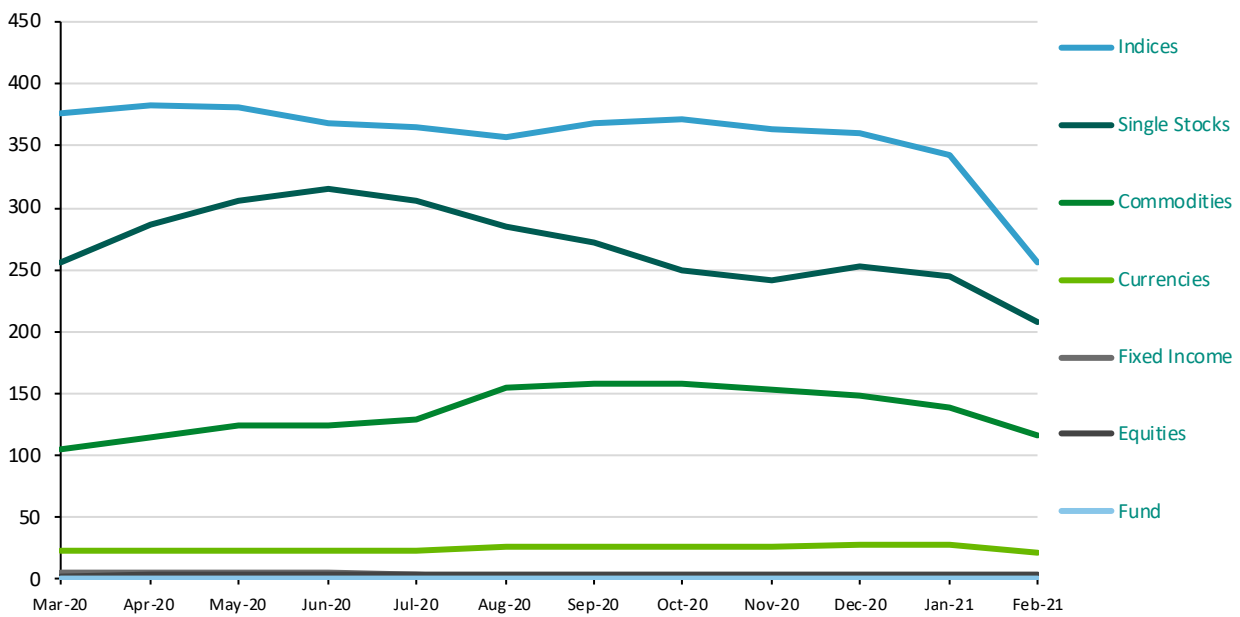
(Source Euronext)



# UNDERLYING TYPES

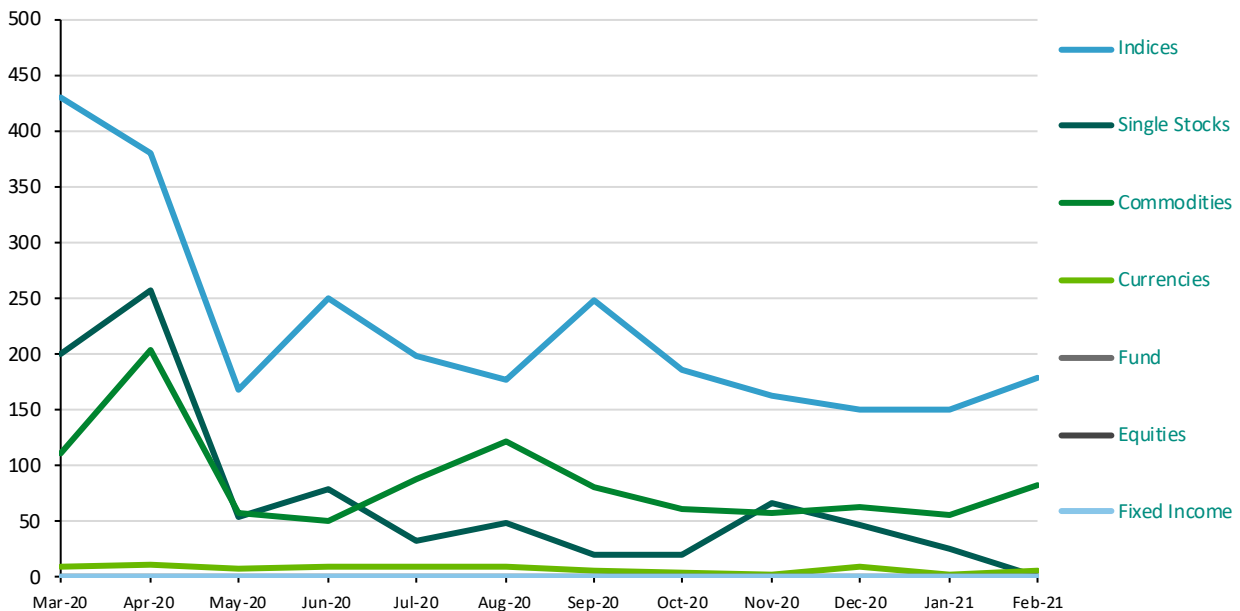
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each underlying type on Euroclear 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

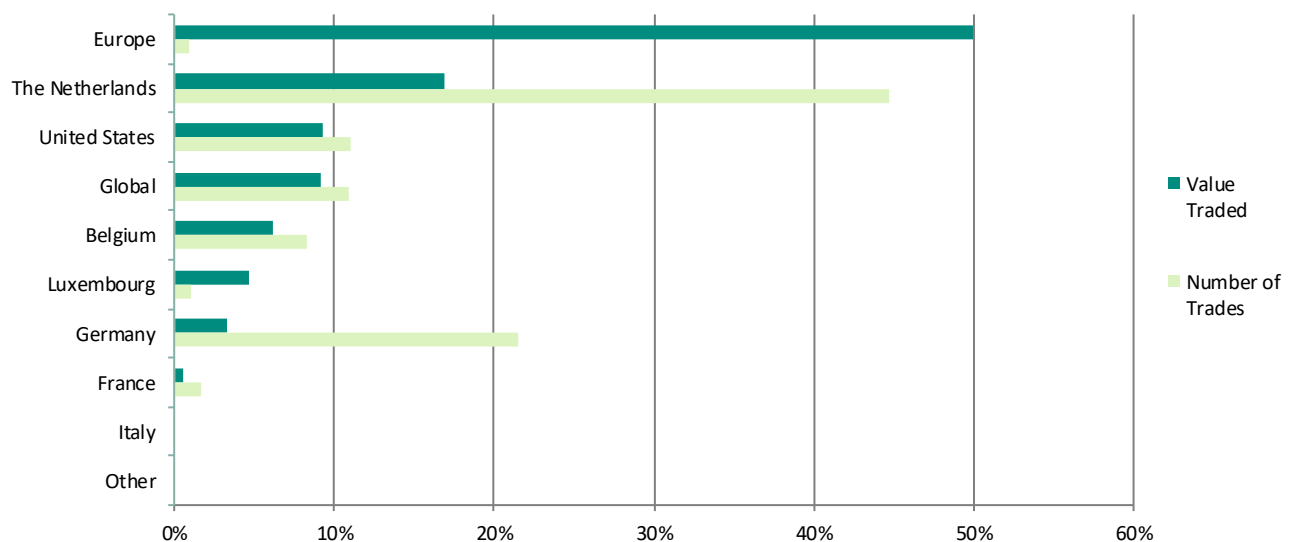
## Market Overview

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
Europe	315	NA	392%	50.0%	2.7	NA	362.8%	0.8%
The Netherlands	107	-50%	-41%	16.9%	142	-10.3%	33%	44.7%
United States	59	45%	-28%	9.3%	35	0.1%	6.5%	11.0%
Global	57	-58%	-23%	9.1%	35	-29%	-2.4%	10.9%
Belgium	39	-51%	-61%	6.1%	26	-40%	-44%	8.3%
Luxembourg	29	NA	808%	4.6%	3.4	56%	89%	1.1%
Germany	20	-82%	-78%	3.3%	69	-67%	7.0%	21.5%
France	4	9.7%	-53%	0.6%	5.4	22%	11.3%	1.7%
Italy	0		-100%	0.0%	0.0		-100%	0.0%
Other	0			0.0%	0.0			0.0%
<b>Total</b>	<b>629</b>	<b>5.7%</b>	<b>4.3%</b>	<b>100%</b>	<b>318</b>	<b>-36.4%</b>	<b>8.2%</b>	<b>100%</b>

(Source Euronext)

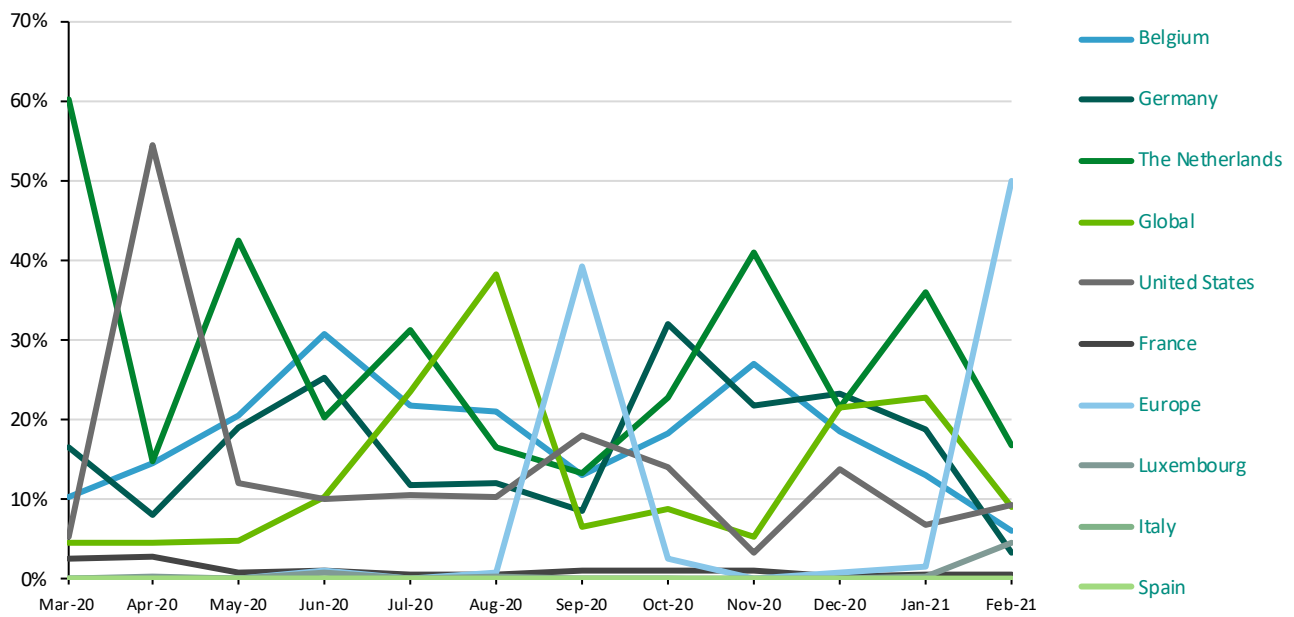




# TOP 10 UNDERLYING COUNTRIES

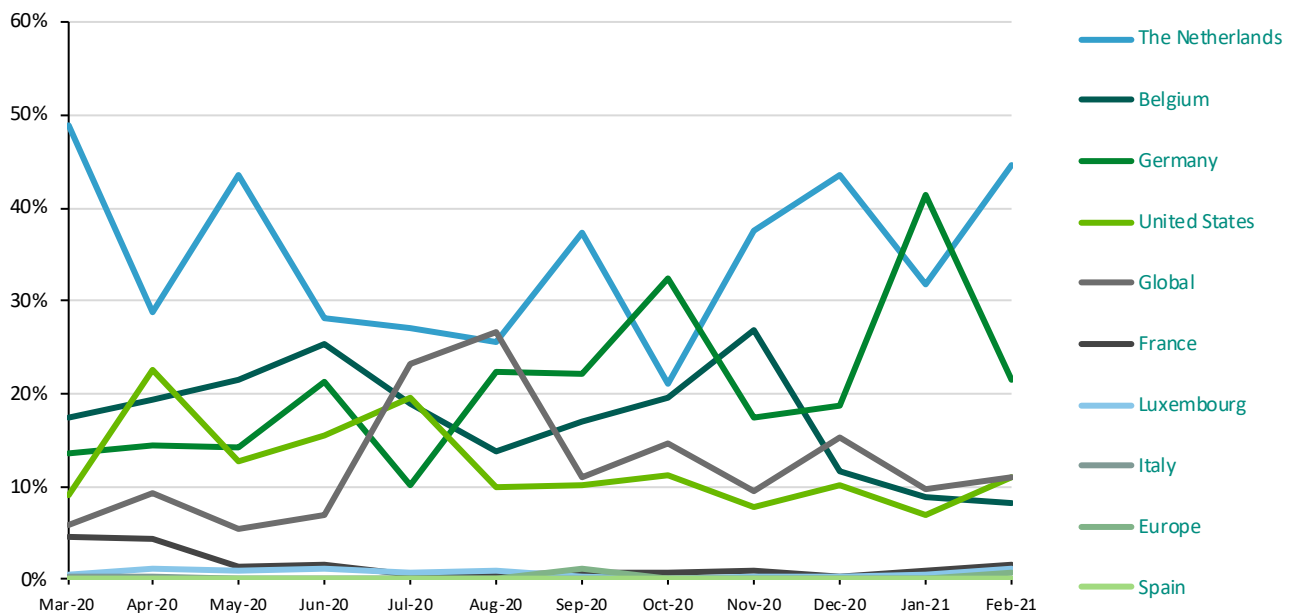
## Market Trend: Value traded

The historical graph below displays the weight of the value traded for each underlying country of origin over the total value traded on Euroclear 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

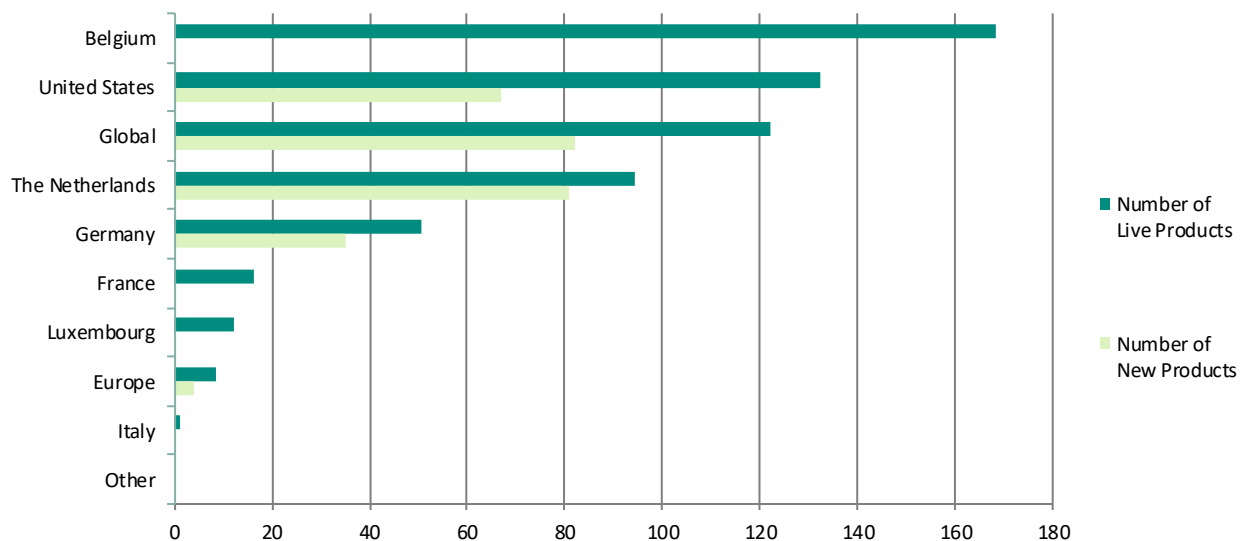
## Product Overview

The table below displays the daily 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 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
Belgium	168	-14.8%	-19.5%	27.8%	0	-100%	-100%	0.0%
United States	133	-23%	-19.6%	21.9%	67	9.8%	-28%	24.9%
Global	122	-15.3%	-13.5%	20.2%	82	46%	-1.7%	30.5%
The Netherlands	94	-32%	-41%	15.6%	81	35%	-4.1%	30.1%
Germany	51	-18.8%	-25%	8.4%	35	12.9%	-30%	13.0%
France	16	-15.9%	-34%	2.7%	0	-100%	-100%	0.0%
Luxembourg	12	-28%	-21%	2.0%	0	-100%	-100%	0.0%
Europe	8	34%	6.8%	1.4%	4	300%	129%	1.5%
Italy	1	0.0%	-58%	0.2%	0			0.0%
Other	0		-100%	0.0%	0			0.0%
<b>Total</b>	<b>606</b>	<b>-20.0%</b>	<b>-23.6%</b>	<b>100%</b>	<b>269</b>	<b>14.0%</b>	<b>-30.9%</b>	<b>100%</b>

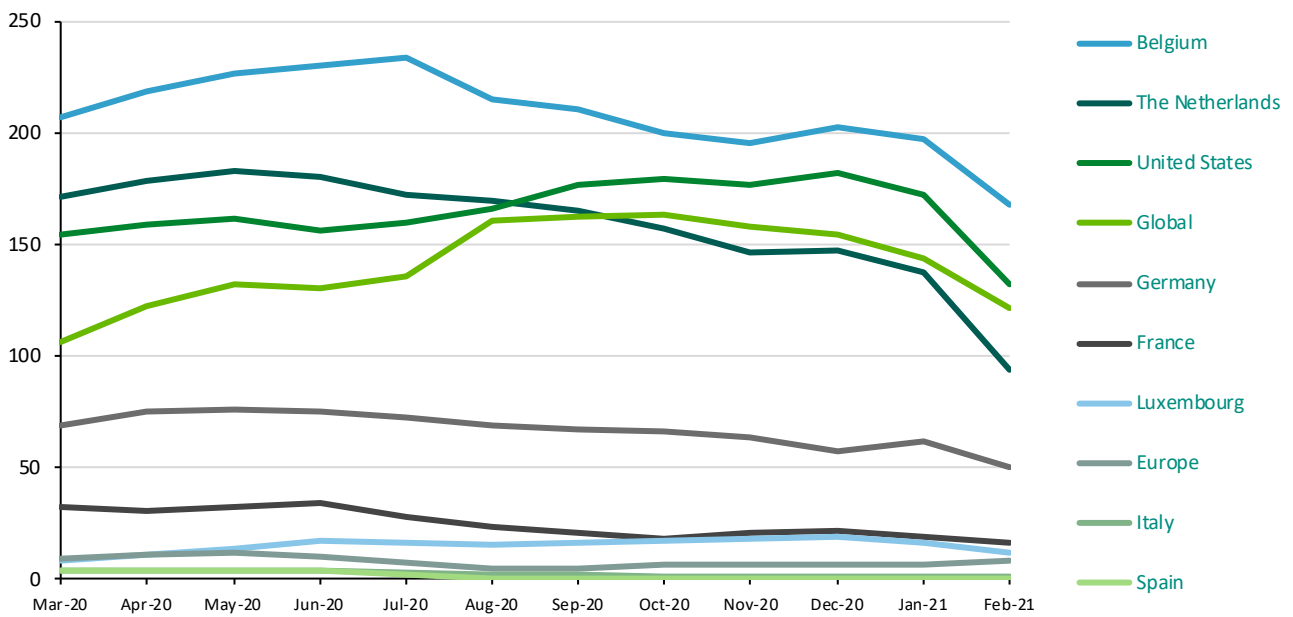
(Source Euronext)



# TOP 10 UNDERLYING COUNTRIES

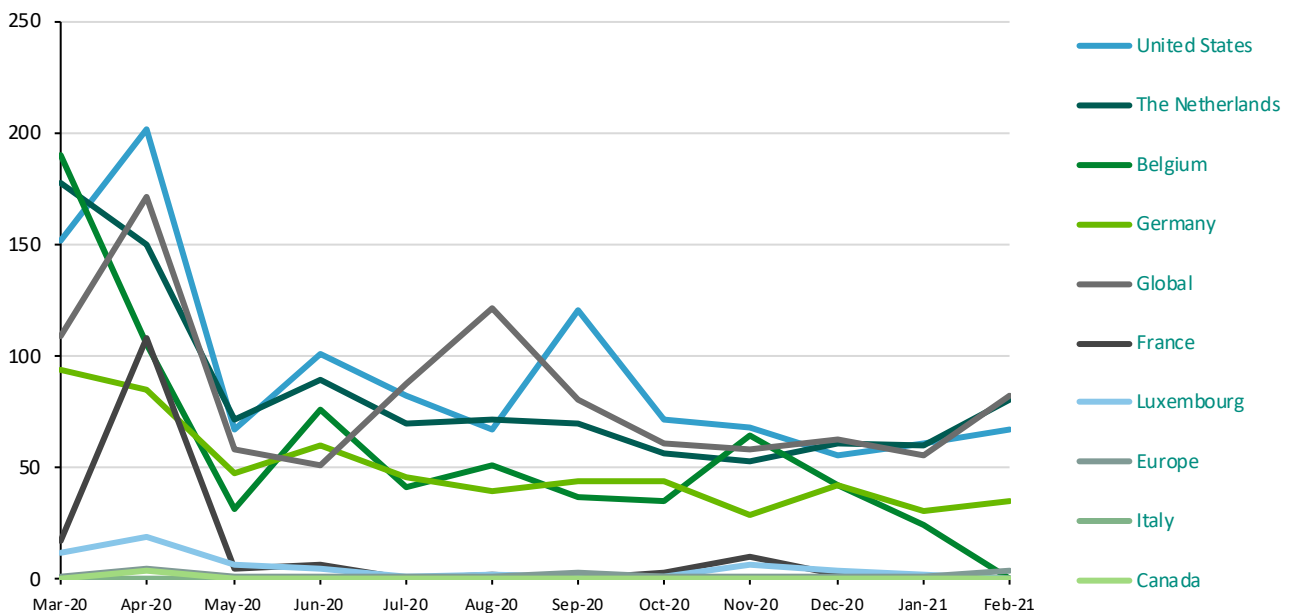
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each underlying country of origin on Euroclear 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

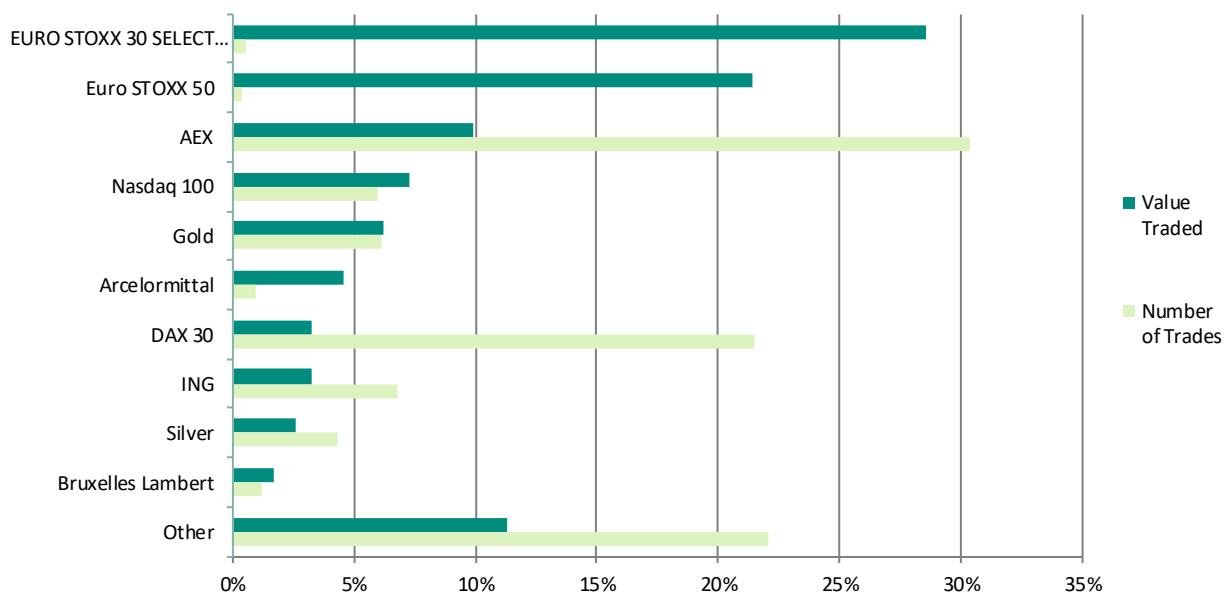
## Market Overview

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
EURO STOXX 30 SELECT DIVIDEND	180	NA	987%	28.6%	1.6	NA	NA	0.5%
Euro STOXX 50	135		185%	21.4%	1.1		146%	0.3%
AEX	62	-26%	-55%	9.9%	97	13.8%	21%	30.4%
Nasdaq 100	46	127%	78%	7.3%	19	45%	63%	6.0%
Gold	39	-68%	-15.6%	6.2%	19	-42%	-15.1%	6.1%
Arcelormittal	29	NA	859%	4.6%	3.0	103%	113%	0.9%
DAX 30	20	-82%	-78%	3.3%	69	-67%	7.0%	21.5%
ING	20	-78%	-21%	3.2%	21	-25%	99%	6.7%
Silver	16	42%	-30%	2.6%	14	6.6%	47%	4.3%
Bruxelles Lambert	10	-39%	212%	1.6%	3.7	-29%	139%	1.1%
Other	71		-60%	11.3%	70			22.1%
<b>Total</b>	<b>629</b>	<b>5.7%</b>	<b>4.3%</b>	<b>100%</b>	<b>318</b>	<b>-36.4%</b>	<b>8.2%</b>	<b>100%</b>

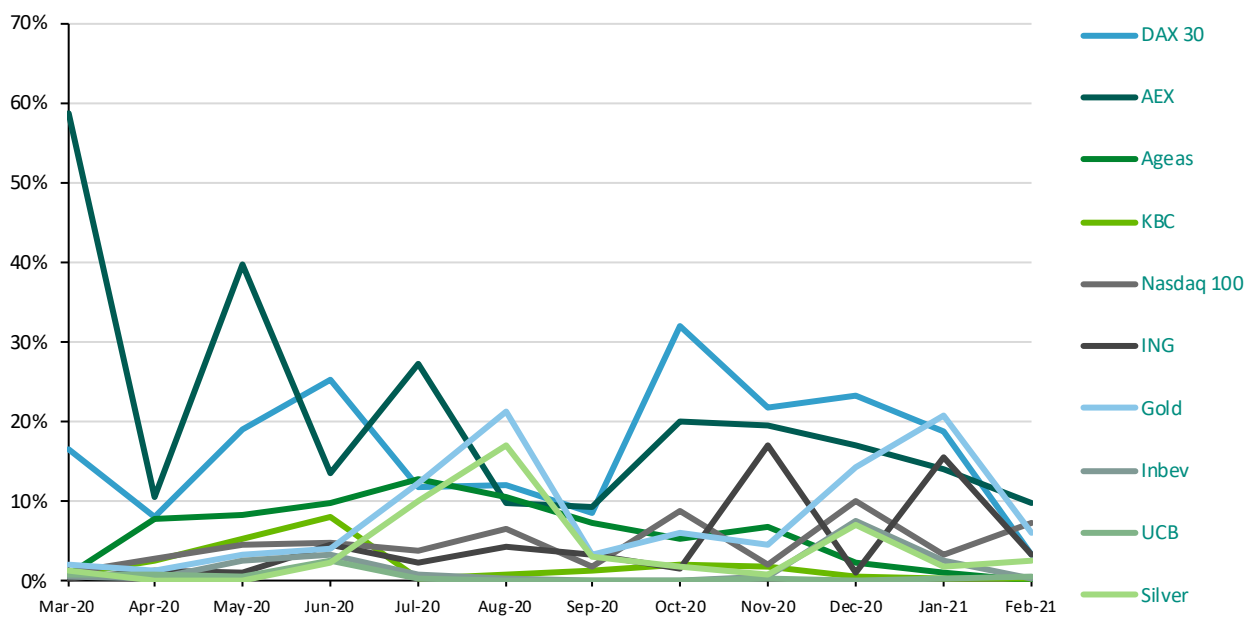
(Source Euronext)



# TOP 10 UNDERLYINGS

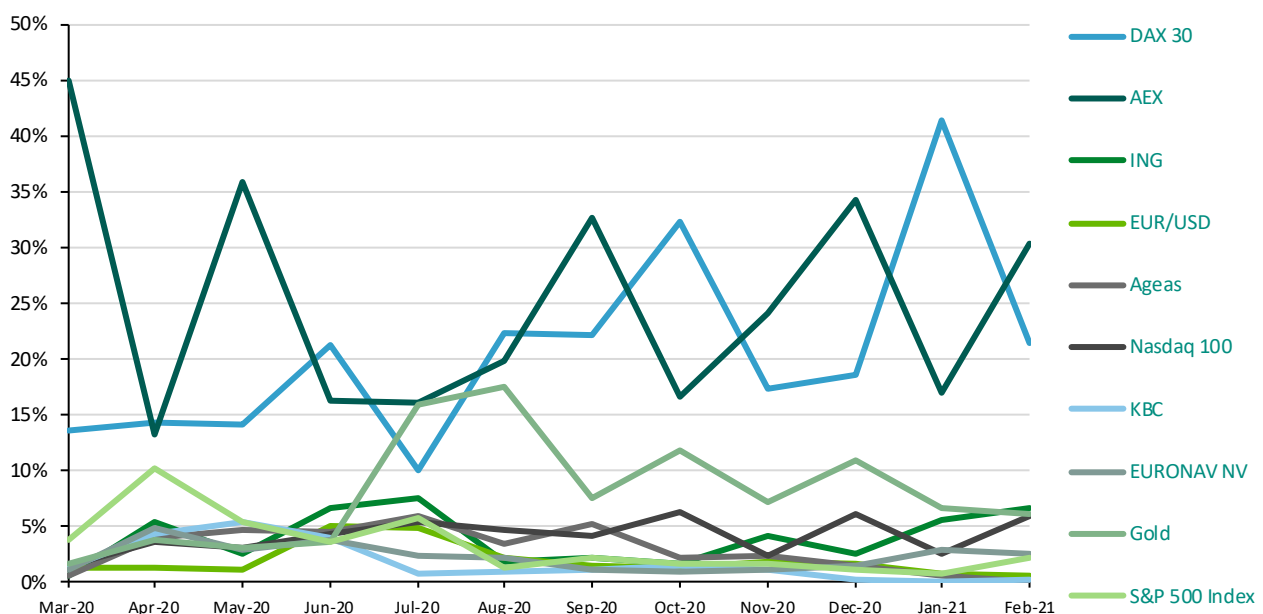
## Market Trend: Value traded

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

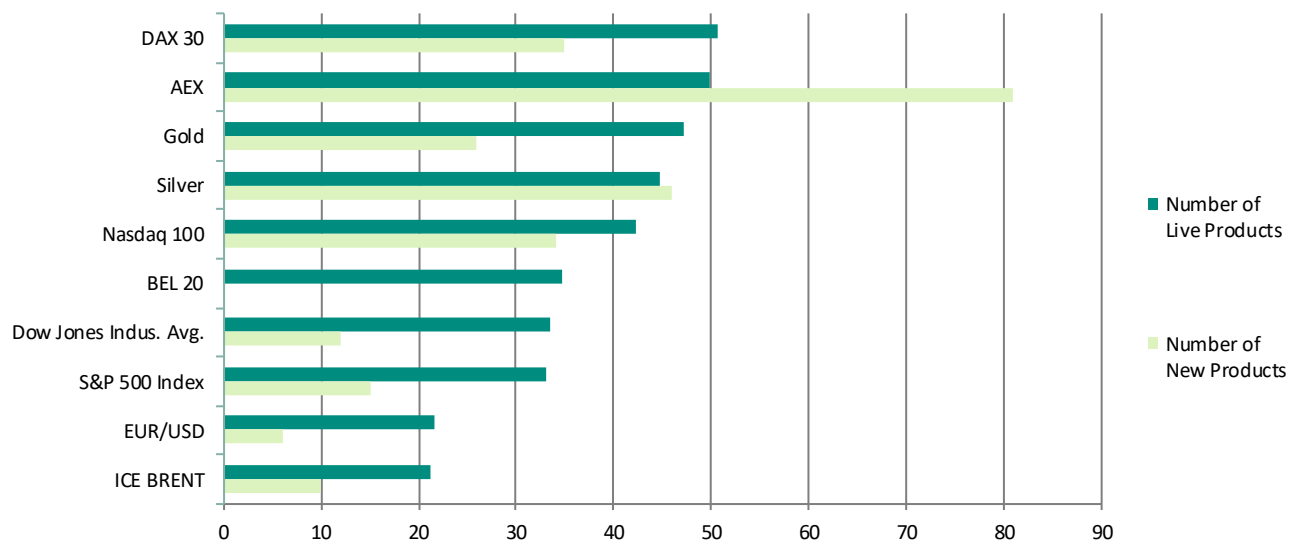
## Product Overview

The table below displays the daily 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 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	51	-18.8%	-24%	8.4%	35	12.9%	-29%	13.0%
AEX	50	-39%	-47%	8.2%	81	56%	16.7%	30.1%
Gold	47	-20%	-15.6%	7.8%	26	4.0%	-12.8%	9.7%
Silver	45	4.6%	28%	7.4%	46	70%	33%	17.1%
Nasdaq 100	42	-30%	-20%	7.0%	34	21%	-4.7%	12.6%
BEL 20	35	-24%	-17.6%	5.7%	0	-100%	-100%	0.0%
Dow Jones Indus. Avg.	34	-19.3%	-14.4%	5.5%	12	-33%	-52%	4.5%
S&P 500 Index	33	-16.1%	-13.4%	5.5%	15	25%	-29%	5.6%
EUR/USD	22	-24%	-14.5%	3.6%	6	100%	-17.2%	2.2%
ICE BRENT	21	-37%	-51%	3.5%	10		-46%	3.7%
Other	227	-13.1%	-25%	37.4%	4			1.5%
<b>Total</b>	<b>606</b>	<b>-20.0%</b>	<b>-23.6%</b>	<b>100%</b>	<b>269</b>	<b>14.0%</b>	<b>-30.9%</b>	<b>100%</b>

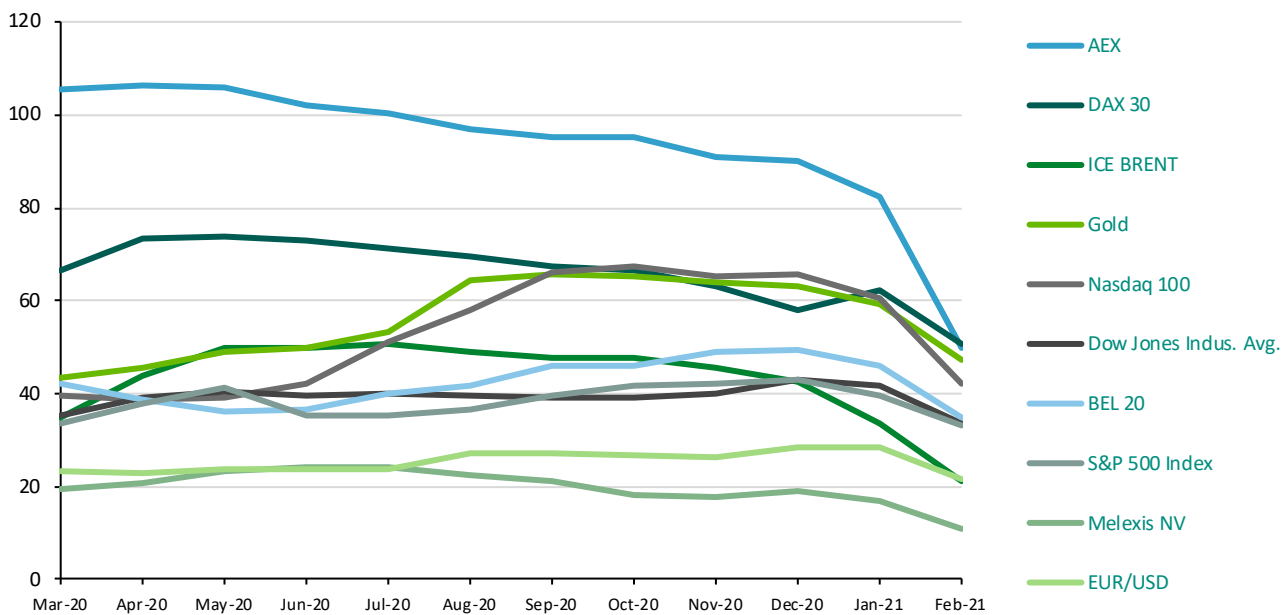
(Source Euronext)



# TOP 10 UNDERLYINGS

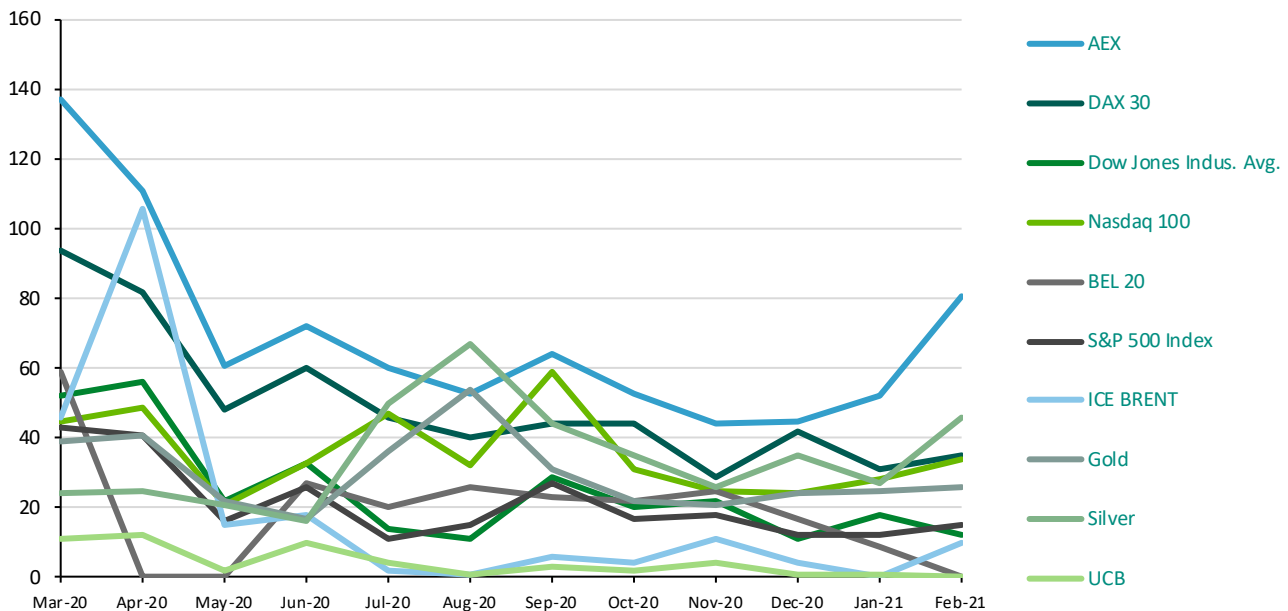
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each top 10 underlying on Euroclear 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
LU2306564522	KBC	1260   Express Certificates	EURO STOXX 30 SELECT DIVIDEN	3,600	32
LU2295301274	KBC	1260   Express Certificates	Euro STOXX 50	2,400	19
DE000SB50XH7	Société Générale	2205   Open-End Knock-Out Warrants	Arcelormittal	564	49
DE000SR8E9N2	Société Générale	2205   Open-End Knock-Out Warrants	AEX	330	704
DE000SD37GT0	Société Générale	2205   Open-End Knock-Out Warrants	Nasdaq 100	315	78
LU2295301191	KBC	1260   Express Certificates	Euro STOXX 50	300	2
DE000SD22J26	Société Générale	2205   Open-End Knock-Out Warrants	Gold	229	34
DE000SD1B1T6	Société Générale	2205   Open-End Knock-Out Warrants	Bruxelles Lambert	201	65
DE000SD3JP26	Société Générale	2205   Open-End Knock-Out Warrants	Nasdaq 100	196	64
DE000SD3GT33	Société Générale	2205   Open-End Knock-Out Warrants	AEX	186	118
DE000SD3PMT1	Société Générale	2205   Open-End Knock-Out Warrants	Gold	150	81
DE000SD30WA2	Société Générale	2205   Open-End Knock-Out Warrants	AEX	144	364
DE000SD1B1W0	Société Générale	2205   Open-End Knock-Out Warrants	ING	143	25
DE000SD2YW11	Société Générale	2205   Open-End Knock-Out Warrants	BPOST NV	118	147
DE000SD1B1U4	Société Générale	2205   Open-End Knock-Out Warrants	ING	110	24
DE000SD3ZHL7	Société Générale	2205   Open-End Knock-Out Warrants	AEX	103	85
DE000SD3GT17	Société Générale	2205   Open-End Knock-Out Warrants	Nasdaq 100	100	32
DE000SD3X598	Société Générale	2205   Open-End Knock-Out Warrants	Gold	91	38
DE000SD2U1Y2	Société Générale	2205   Open-End Knock-Out Warrants	S&P 500 Index	80	4
DE000SD3GTR9	Société Générale	2205   Open-End Knock-Out Warrants	Gold	76	51
DE000SB3C0E1	Société Générale	2205   Open-End Knock-Out Warrants	Silver	74	13
DE000SD3WTF1	Société Générale	2205   Open-End Knock-Out Warrants	Gold	64	33
DE000SD11QW8	Société Générale	2205   Open-End Knock-Out Warrants	EURONAV NV	62	61
DE000SD3PMW5	Société Générale	2205   Open-End Knock-Out Warrants	Silver	58	48
DE000SR8KLT7	Société Générale	2205   Open-End Knock-Out Warrants	ING	58	14
DE000SD3ZHE2	Société Générale	2205   Open-End Knock-Out Warrants	Nasdaq 100	57	24
DE000SD2MB28	Société Générale	2205   Open-End Knock-Out Warrants	DAX 30	53	803
DE000SD11Q12	Société Générale	2205   Open-End Knock-Out Warrants	Melexis NV	53	24
DE000SD2JDZ2	Société Générale	2205   Open-End Knock-Out Warrants	Telenet	51	43
DE000CJ3LLB2	Société Générale	2205   Open-End Knock-Out Warrants	AEX	50	29
DE000SD3VPL9	Société Générale	2205   Open-End Knock-Out Warrants	AEX	49	65
DE000SD3F7S9	Société Générale	2205   Open-End Knock-Out Warrants	DAX 30	45	202
DE000SD3RH83	Société Générale	2205   Open-End Knock-Out Warrants	DAX 30	43	112
DE000SD11Q79	Société Générale	2205   Open-End Knock-Out Warrants	Telenet	43	30
DE000CJ3K9X9	Société Générale	2205   Open-End Knock-Out Warrants	Silver	42	46
DE000SD322R8	Société Générale	2205   Open-End Knock-Out Warrants	Gold	41	22
DE000SD25VVO	Société Générale	2205   Open-End Knock-Out Warrants	AEX	40	8
DE000SD04AE5	Société Générale	2205   Open-End Knock-Out Warrants	DAX 30	40	2
DE000SD3VPN5	Société Générale	2205   Open-End Knock-Out Warrants	AEX	39	43
DE000CJ3NEN8	Société Générale	2205   Open-End Knock-Out Warrants	ING	39	127
DE000SD1B3A2	Société Générale	2205   Open-End Knock-Out Warrants	Dow Jones Indus. Avg.	39	47
DE000CJ3MEZ4	Société Générale	2205   Open-End Knock-Out Warrants	EURONAV NV	38	41
DE000SD3WTL9	Société Générale	2205   Open-End Knock-Out Warrants	AEX	38	28
DE000SD07UM9	Société Générale	2205   Open-End Knock-Out Warrants	Inbev	38	23
DE000SD1QS83	Société Générale	2205   Open-End Knock-Out Warrants	ING	37	65
DE000SD1B143	Société Générale	2205   Open-End Knock-Out Warrants	Total	36	76
DE000SD3UUL1	Société Générale	2205   Open-End Knock-Out Warrants	AEX	35	66
DE000SD3K7Q6	Société Générale	2205   Open-End Knock-Out Warrants	Gold	33	21
DE000CJ3LB94	Société Générale	2205   Open-End Knock-Out Warrants	DAX 30	33	24
DE000SD2YW03	Société Générale	2205   Open-End Knock-Out Warrants	BPOST NV	33	41

(Source Euronext)





# Euroclear France Instruments

# ISSUERS

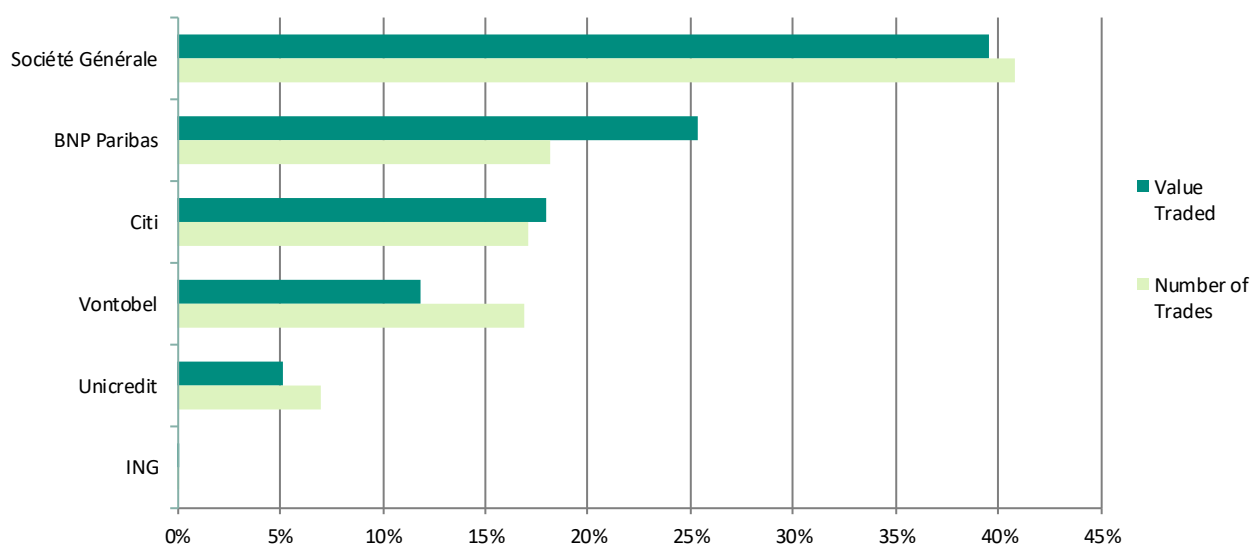
## Market Overview

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
Société Générale	8,777	-1.2%	6.8%	39.5%	3,416	-2.3%	6.9%	40.8%
BNP Paribas	5,620	6.0%	-22%	25.3%	1,518	4.3%	-15.5%	18.1%
Citi	3,994	0.9%	19.7%	18.0%	1,433	-2.9%	15.8%	17.1%
Vontobel	2,638	8.0%	-3.9%	11.9%	1,416	-15.7%	7.3%	16.9%
Unicredit	1,149	28%	1.0%	5.2%	581	18.7%	10.5%	6.9%
ING	27	39%	-51%	0.1%	1.7	30.8%	-89.2%	0.0%
<b>Total</b>	<b>22,205</b>	<b>3.3%</b>	<b>-2.6%</b>	<b>100%</b>	<b>8,366</b>	<b>-2.7%</b>	<b>2.4%</b>	<b>100%</b>

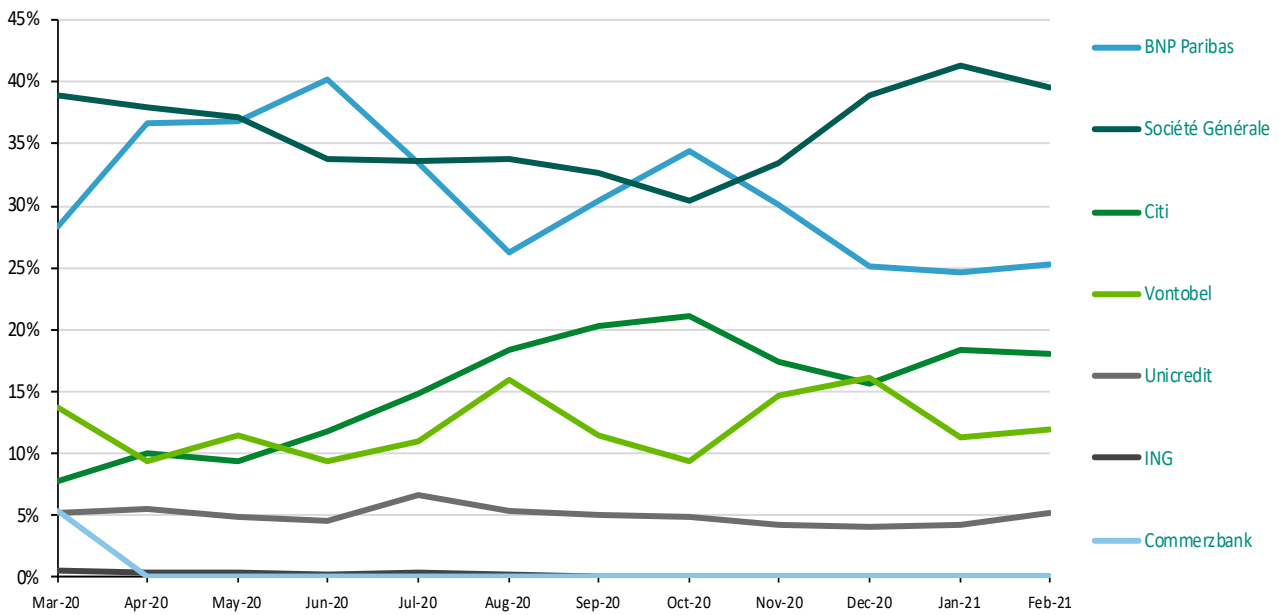
(Source Euronext)



# ISSUERS

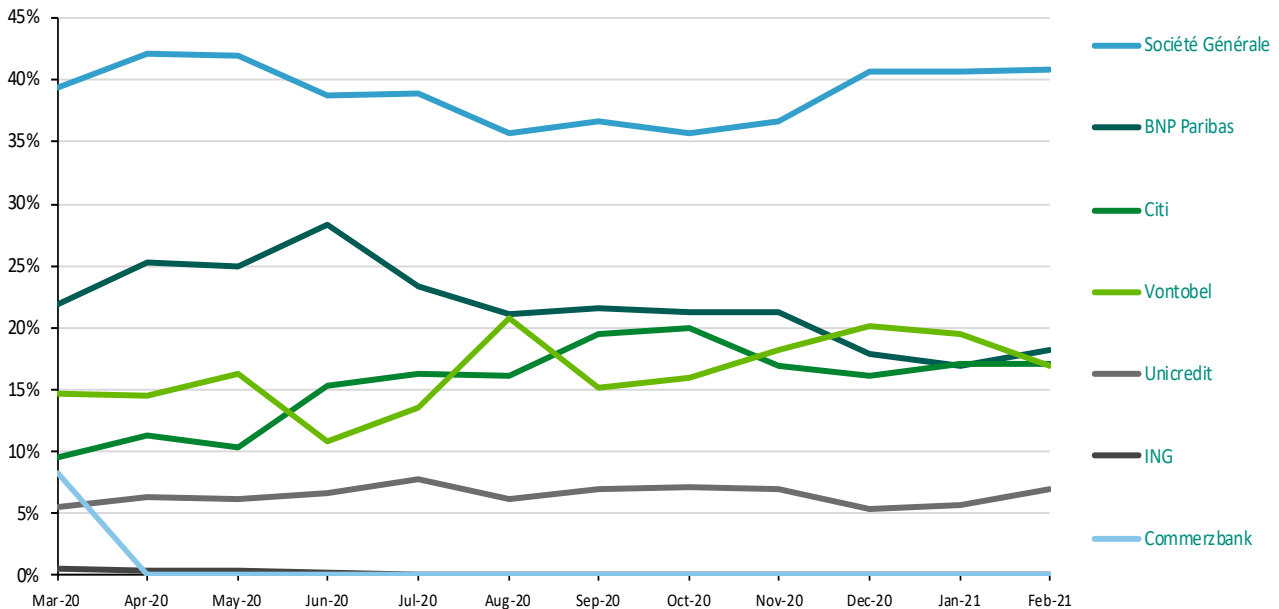
## Market Trend: Value traded

The historical graph below displays the weight of the value traded for each issuer over the total value traded on Euroclear 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

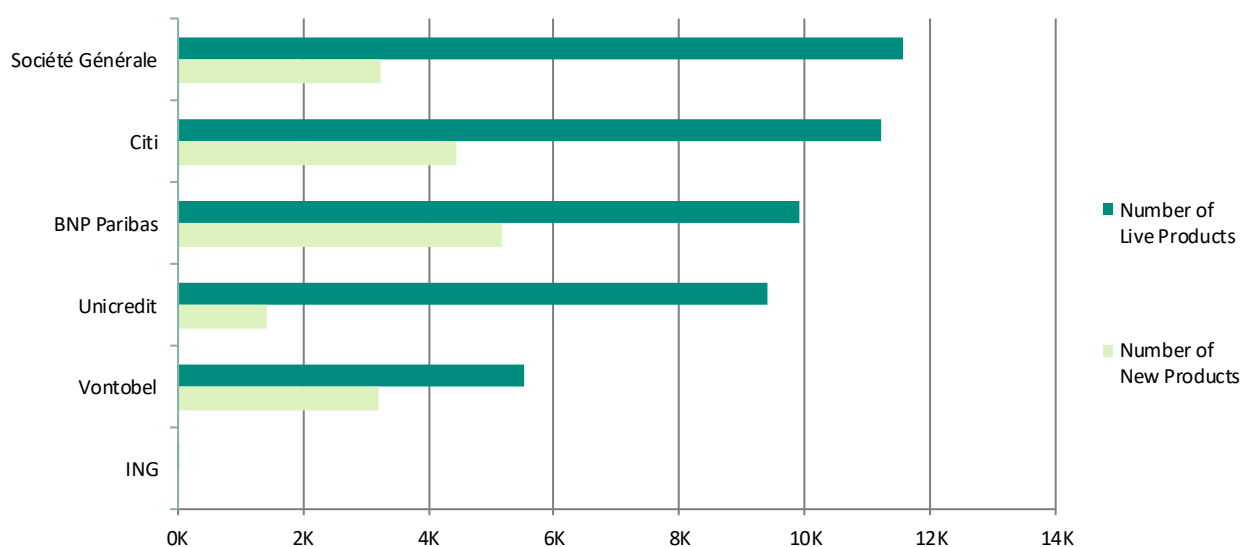
## Product Overview

The table below displays the daily 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 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	11,562	7.7%	-5.5%	24.3%	3,231	66%	-18.4%	18.5%
Citi	11,235	5.6%	13.0%	23.6%	4,430	12.8%	-2.6%	25.3%
BNP Paribas	9,922	30%	-4.7%	20.8%	5,188	-46%	24%	29.7%
Unicredit	9,404	2.3%	4.7%	19.7%	1,419	-29%	-49%	8.1%
Vontobel	5,519	8.3%	12.4%	11.6%	3,214	0.8%	-9.3%	18.4%
ING	24	-5.9%	-83%	0.1%	0		-100%	0.0%
<b>Total</b>	<b>47,667</b>	<b>10.0%</b>	<b>0.4%</b>	<b>100%</b>	<b>17,482</b>	<b>-15.7%</b>	<b>-9.7%</b>	<b>100%</b>

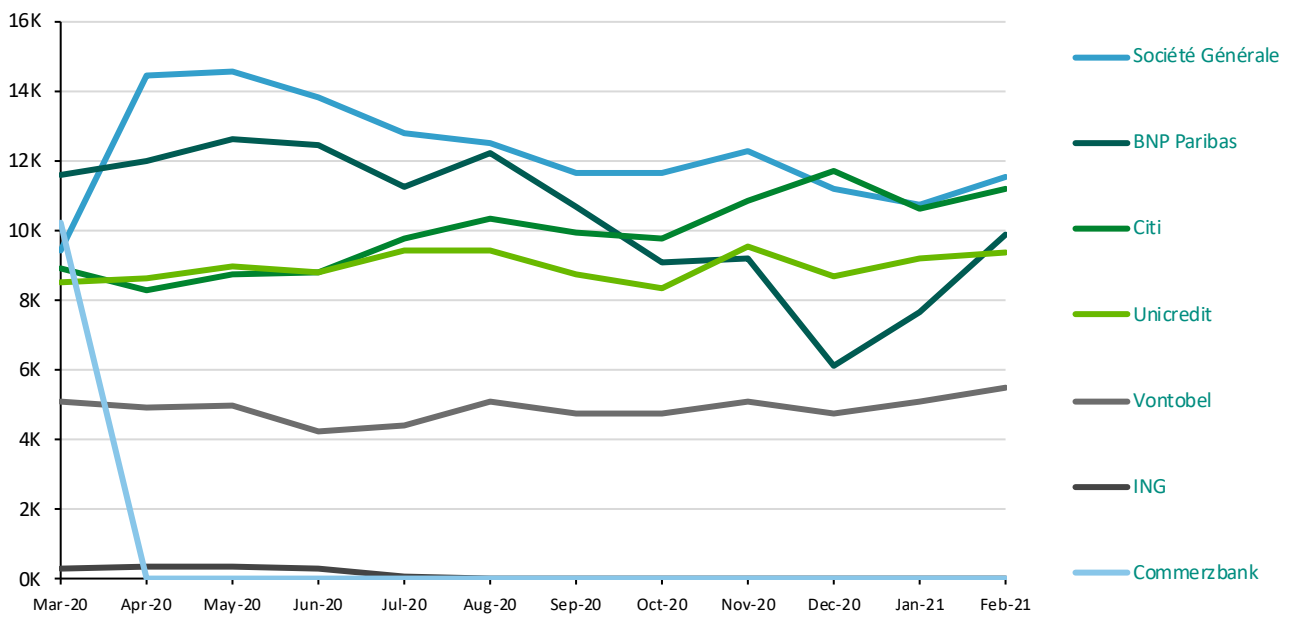
(Source Euronext)



# ISSUERS

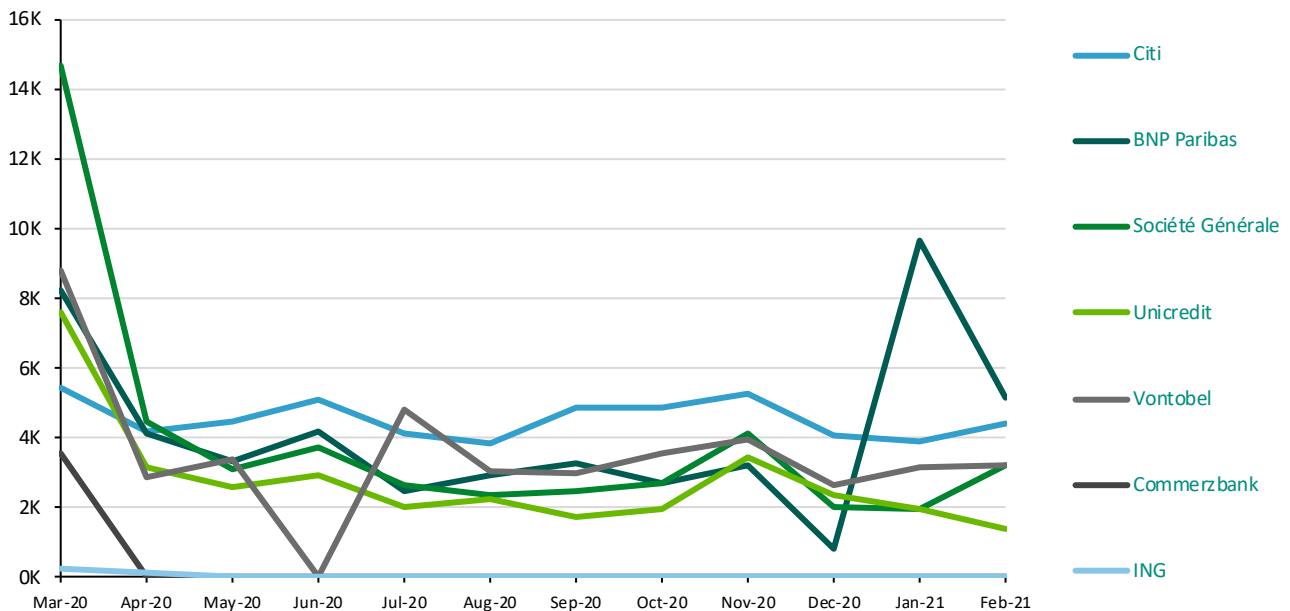
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each issuer on Euroclear 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)

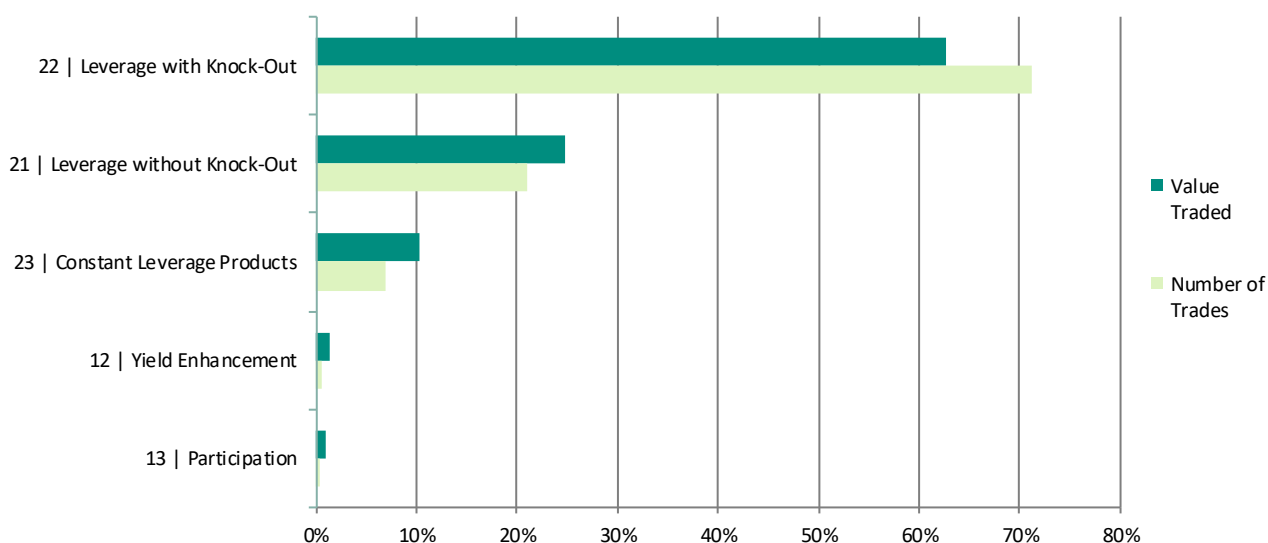
### Market Overview

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	13,902	4.9%	0.4%	62.6%	5,958	-4.0%	7.0%	71.2%
21   Leverage without Knock-Out	5,498	8.4%	-0.6%	24.8%	1,757	5.1%	1.5%	21.0%
23   Constant Leverage Products	2,298	-0.5%	-12.9%	10.3%	580	-5.1%	-23.8%	6.9%
12   Yield Enhancement	314	-55%	-4.8%	1.4%	47	-45.8%	-14.6%	0.6%
13   Participation	193	12.9%	-59%	0.9%	23	9.7%	-59.9%	0.3%
<b>Total</b>	<b>22,205</b>	<b>3.3%</b>	<b>-2.6%</b>	<b>100%</b>	<b>8,366</b>	<b>-2.7%</b>	<b>2.4%</b>	<b>100%</b>

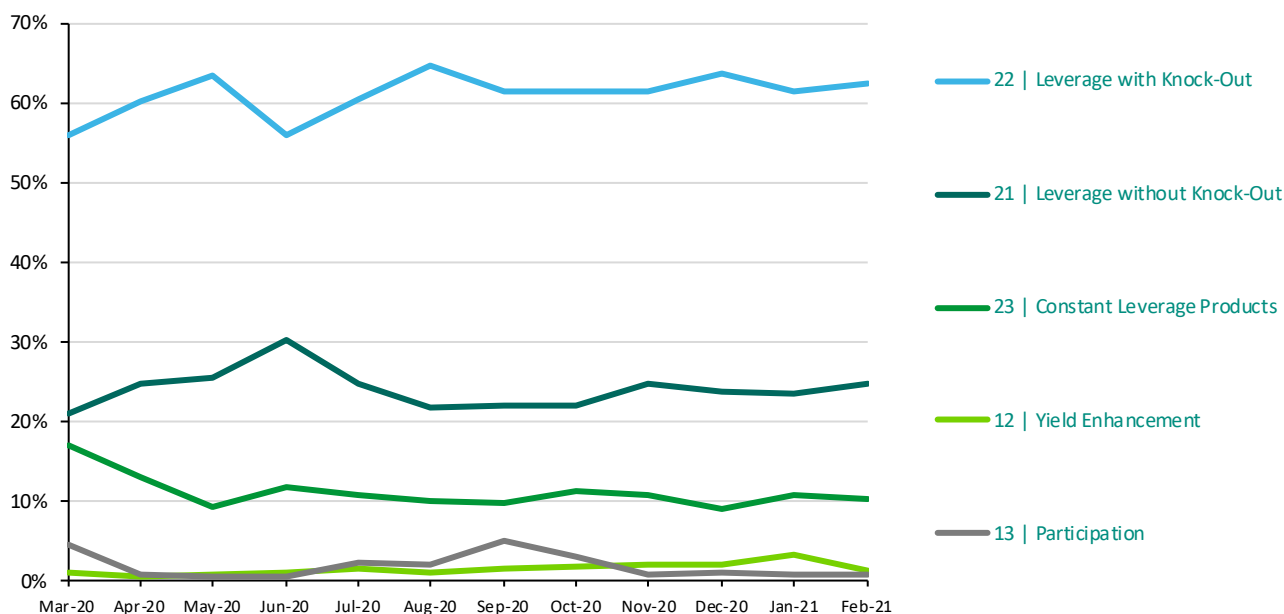
(Source Euronext)



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

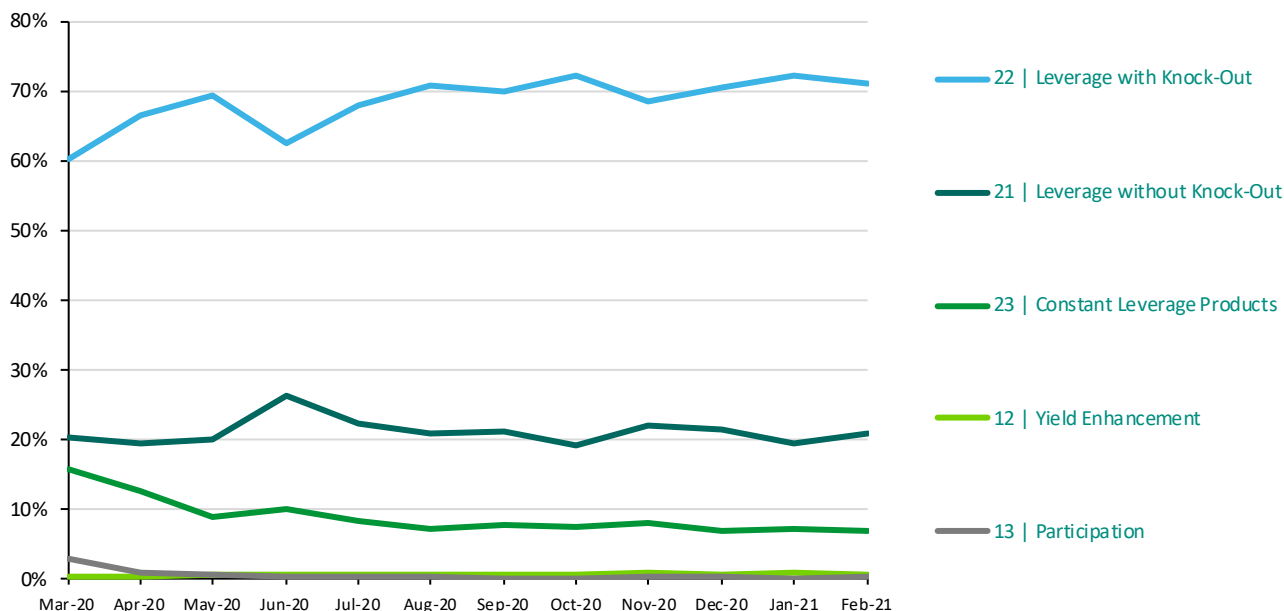
## Market Trend: Value traded

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)

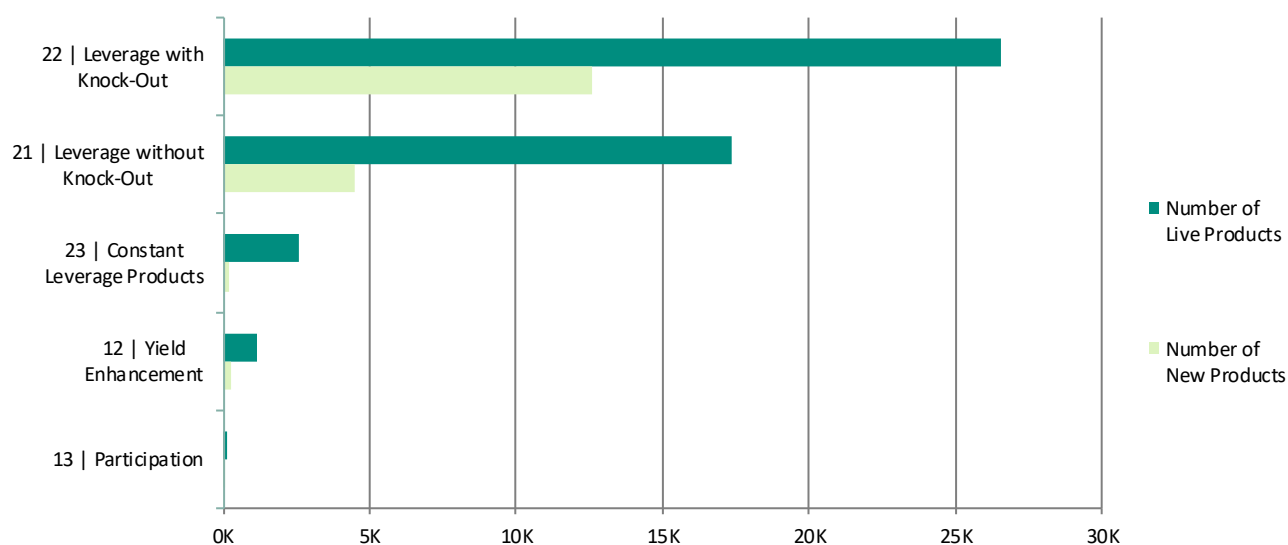
### Product Overview

The table below displays the daily 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 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	26,542	5.9%	6.1%	55.7%	12,559	-19.9%	-15.1%	71.8%
21   Leverage without Knock-Out	17,330	17.6%	-8.0%	36.4%	4,459	-0.4%	12.0%	25.5%
23   Constant Leverage Products	2,551	3.7%	13.5%	5.4%	179	-33%	-40%	1.0%
12   Yield Enhancement	1,141	21%	-6.7%	2.4%	264	-6.0%	-3.7%	1.5%
13   Participation	104	-20%	-19.7%	0.2%	21	-38%	36%	0.1%
<b>Total</b>	<b>47,667</b>	<b>10.0%</b>	<b>0.4%</b>	<b>100%</b>	<b>17,482</b>	<b>-15.7%</b>	<b>-9.7%</b>	<b>100%</b>

(Source Euronext)

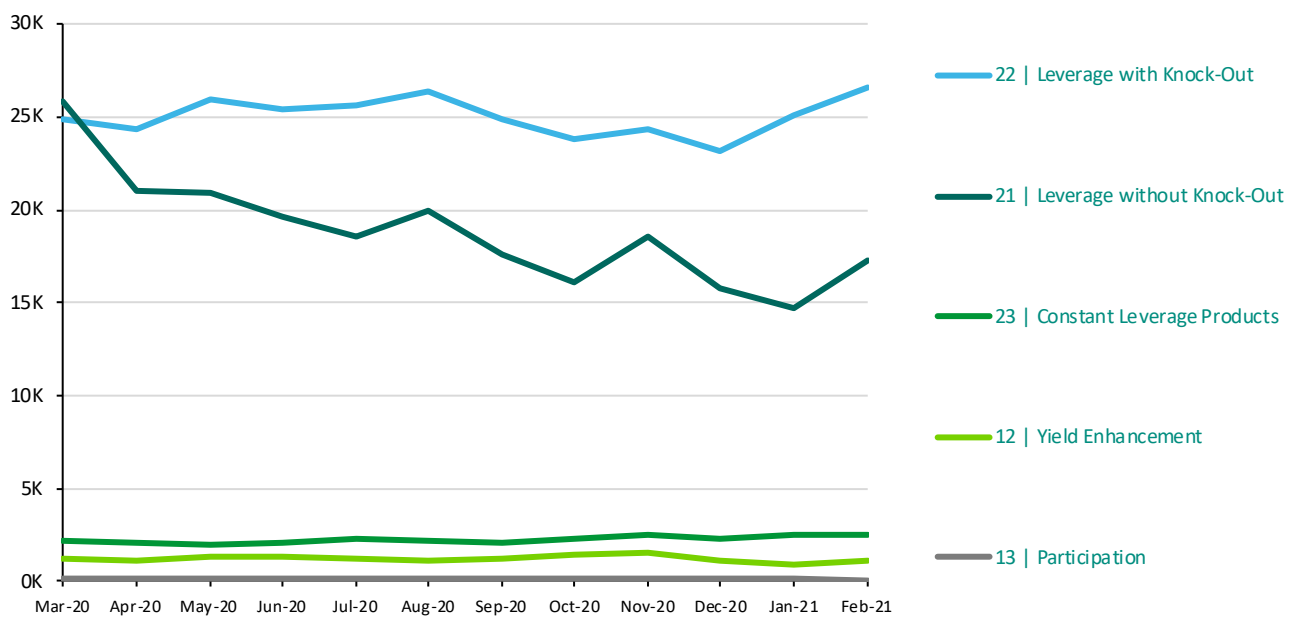




# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 2)

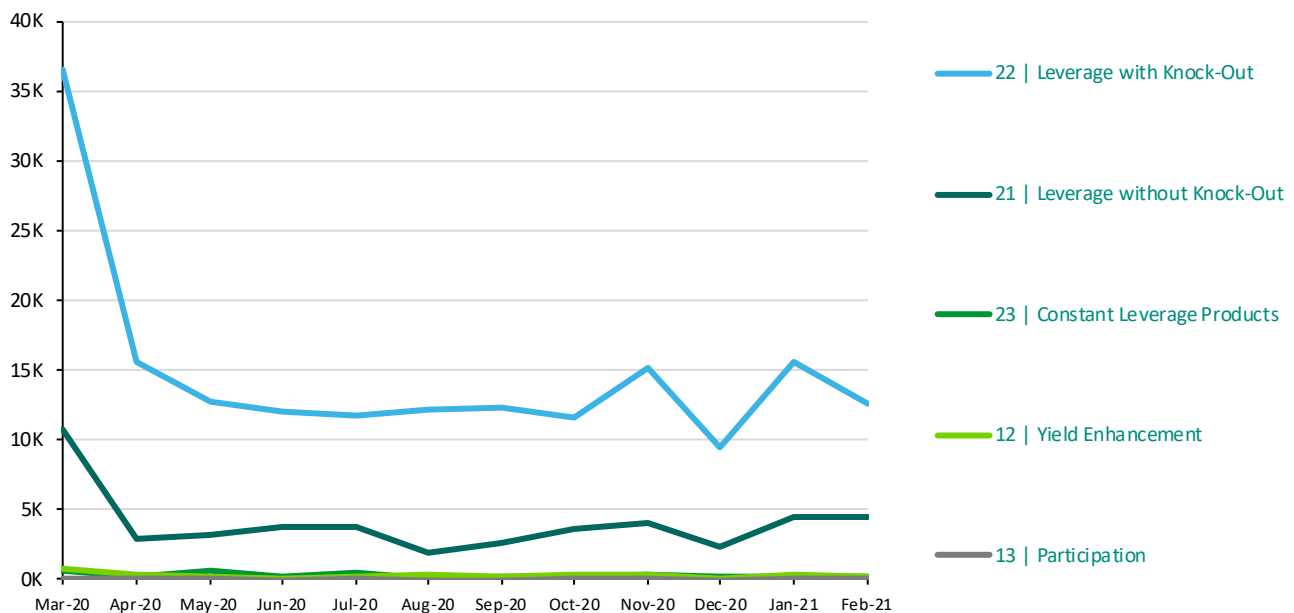
## Product Trend: Number of Live Products

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)

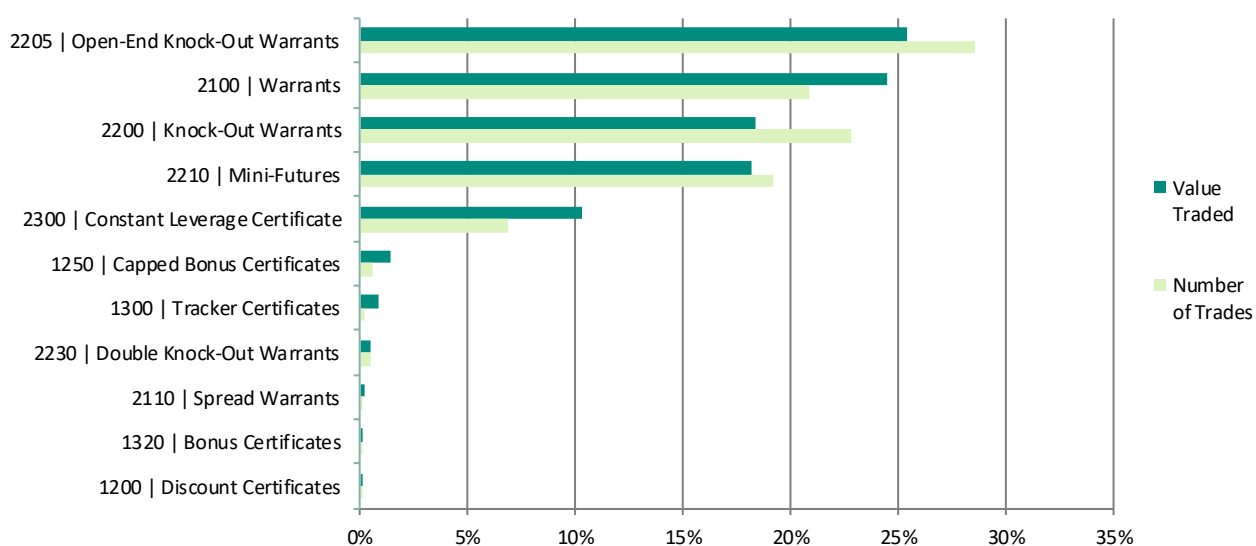
## Market Overview

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
2205   Open-End Knock-Out Warrants	5,657	27%	2.5%	25.5%	2,391	-2.0%	5.5%	28.6%
2100   Warrants	5,442	8.6%	0.0%	24.5%	1,747	5.2%	2.1%	20.9%
2200   Knock-Out Warrants	4,088	-11.2%	-9.0%	18.4%	1,910	-10.2%	8.7%	22.8%
2210   Mini-Futures	4,046	-1.2%	8.3%	18.2%	1,612	0.5%	7.0%	19.3%
2300   Constant Leverage Certificate	2,298	-0.5%	-12.9%	10.3%	580	-5.1%	-24%	6.9%
1250   Capped Bonus Certificates	311	-55%	-5.4%	1.4%	46	-46%	-15.5%	0.5%
1300   Tracker Certificates	184	10.5%	-60%	0.8%	22	9.9%	-62%	0.3%
2230   Double Knock-Out Warrants	111	10.6%	17.7%	0.5%	46	17.1%	25%	0.5%
2110   Spread Warrants	56	-8.5%	-37%	0.3%	11	-6.9%	-48%	0.1%
1320   Bonus Certificates	9	112%	159%	0.0%	1.4	7.7%	127%	0.0%
1200   Discount Certificates	3	25%	180%	0.0%	0.8	33%	146%	0.0%
<b>Total</b>	<b>22,205</b>	<b>3.3%</b>	<b>-2.6%</b>	<b>100%</b>	<b>8,366</b>	<b>-2.7%</b>	<b>2.4%</b>	<b>100%</b>

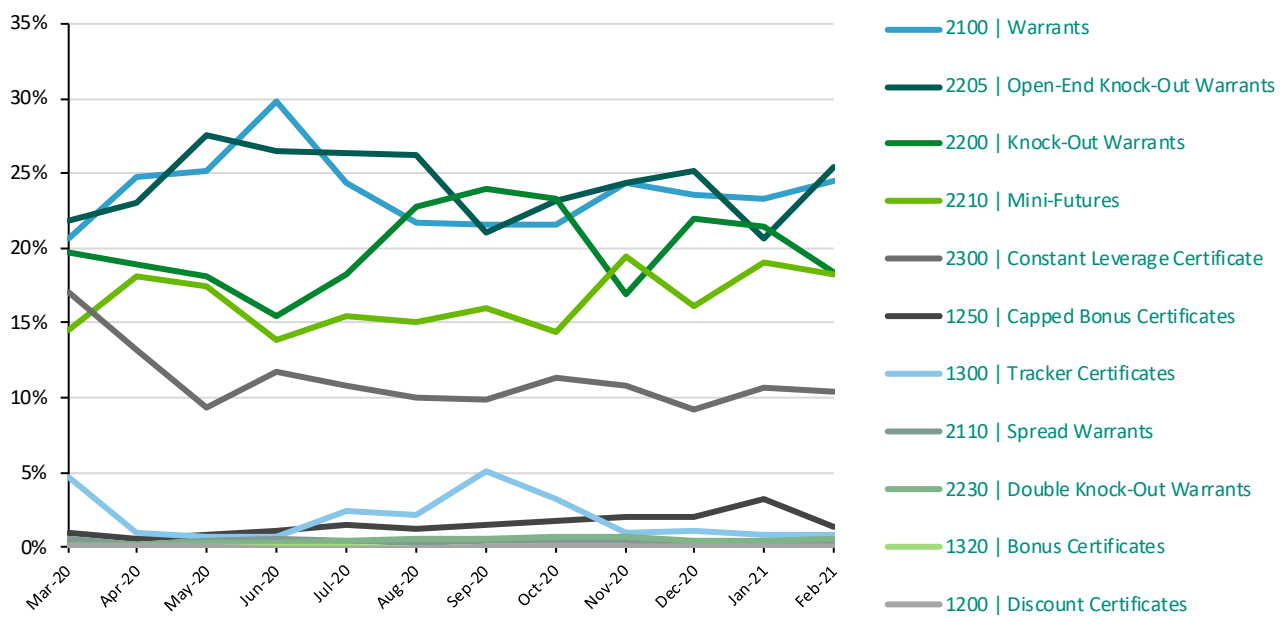
(Source Euronext)



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

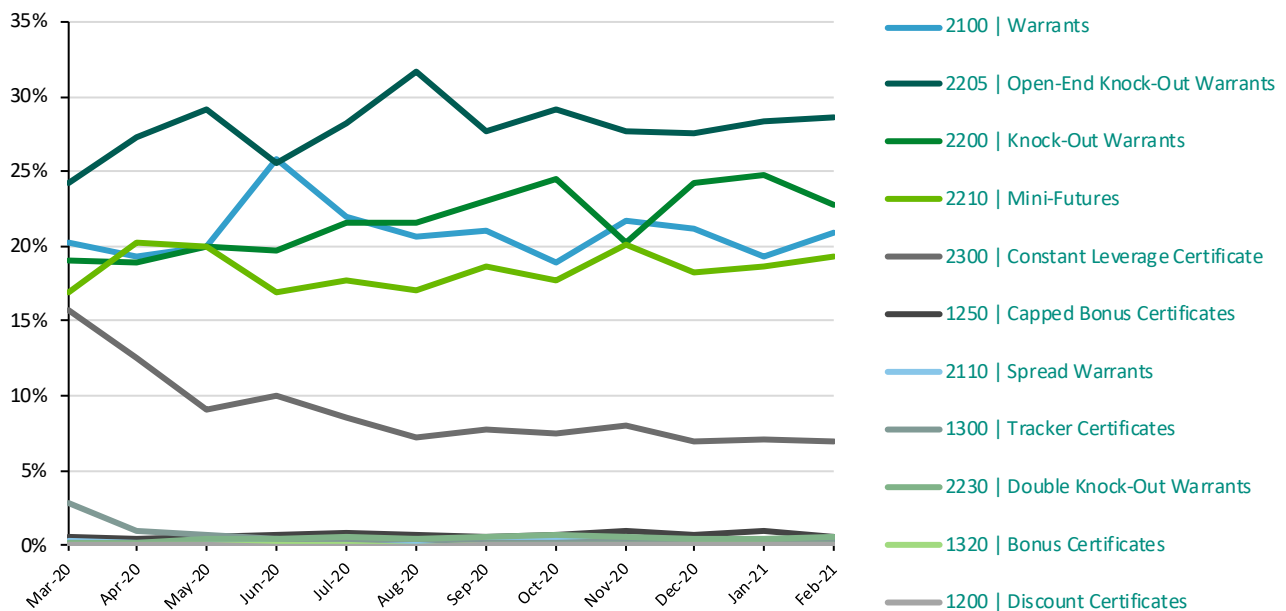
## Market Trend: Value traded

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)

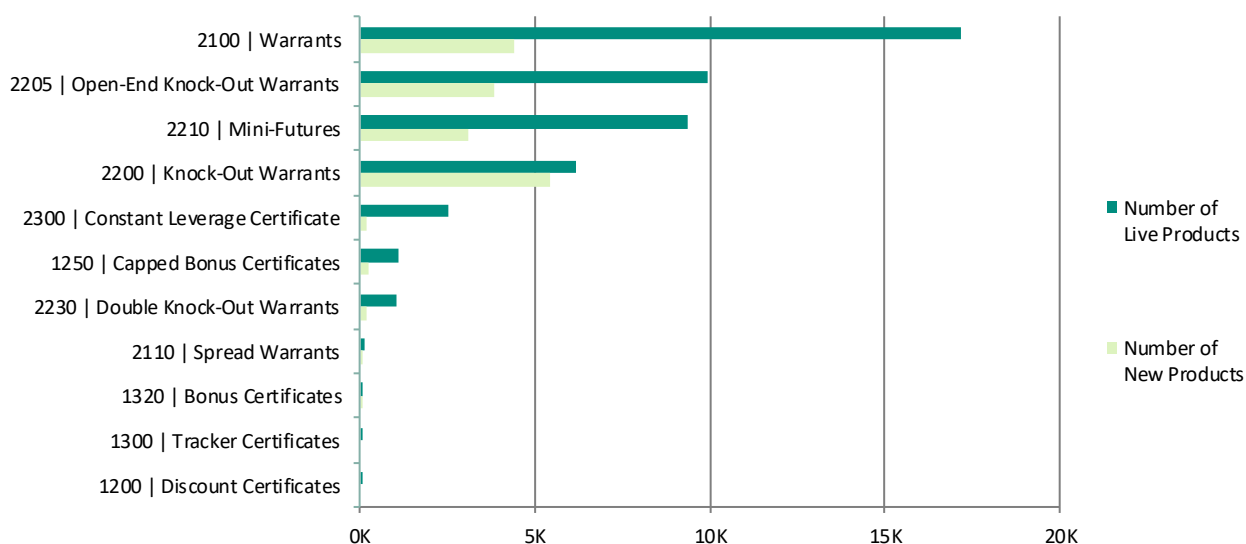
## Product Overview

The table below displays the daily 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 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
2100   Warrants	17,200	17.6%	-8.0%	36.1%	4,427	-0.6%	12.4%	25.3%
2205   Open-End Knock-Out Warrants	9,920	3.4%	8.4%	20.8%	3,844	-26%	-16.6%	22.0%
2210   Mini-Futures	9,352	3.6%	4.7%	19.6%	3,079	-33%	-21%	17.6%
2200   Knock-Out Warrants	6,208	22%	0.7%	13.0%	5,425	-3.3%	-8.7%	31.0%
2300   Constant Leverage Certificate	2,551	3.7%	13.5%	5.4%	179	-33%	-40%	1.0%
1250   Capped Bonus Certificates	1,119	23%	-3.4%	2.3%	264	-6.0%	1.0%	1.5%
2230   Double Knock-Out Warrants	1,063	-23%	36%	2.2%	211	-21%	-36%	1.2%
2110   Spread Warrants	130	16.6%	-15.6%	0.3%	32	33%	-24%	0.2%
1320   Bonus Certificates	55	-32%	-24%	0.1%	21	-38%	38%	0.1%
1300   Tracker Certificates	49	-0.9%	-14.1%	0.1%	0		-100%	0.0%
1200   Discount Certificates	22	-35%	-66%	0.0%	0		-100%	0.0%
<b>Total</b>	<b>47,667</b>	<b>10.0%</b>	<b>0.4%</b>	<b>100%</b>	<b>17,482</b>	<b>-15.7%</b>	<b>-9.7%</b>	<b>100%</b>

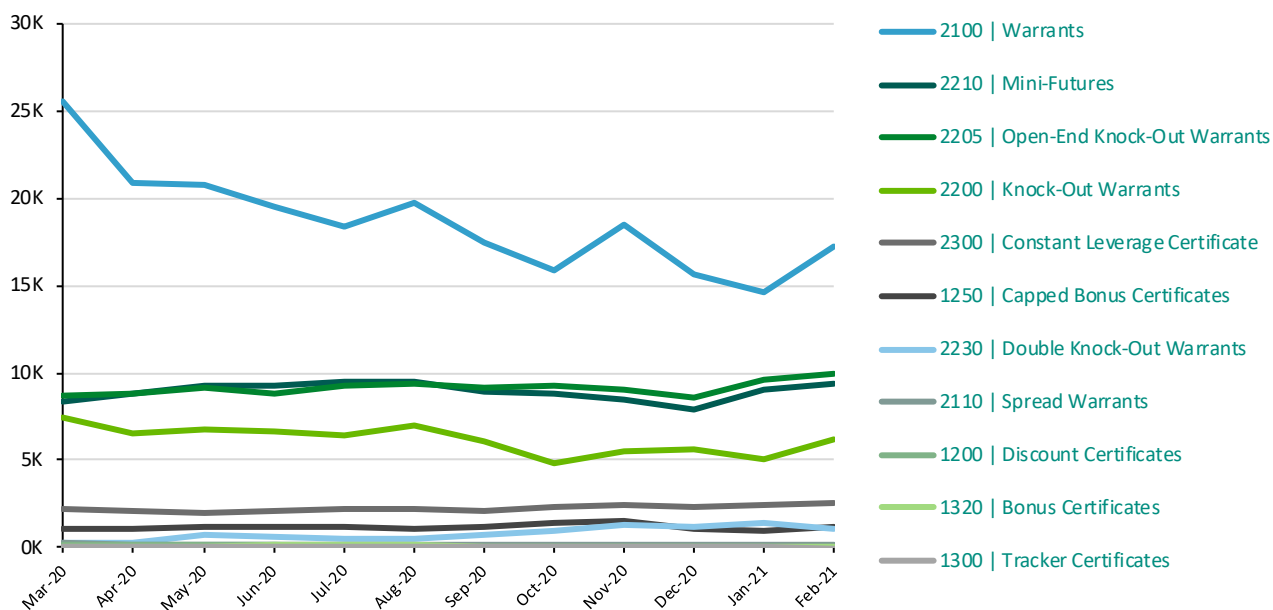
(Source Euronext)



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

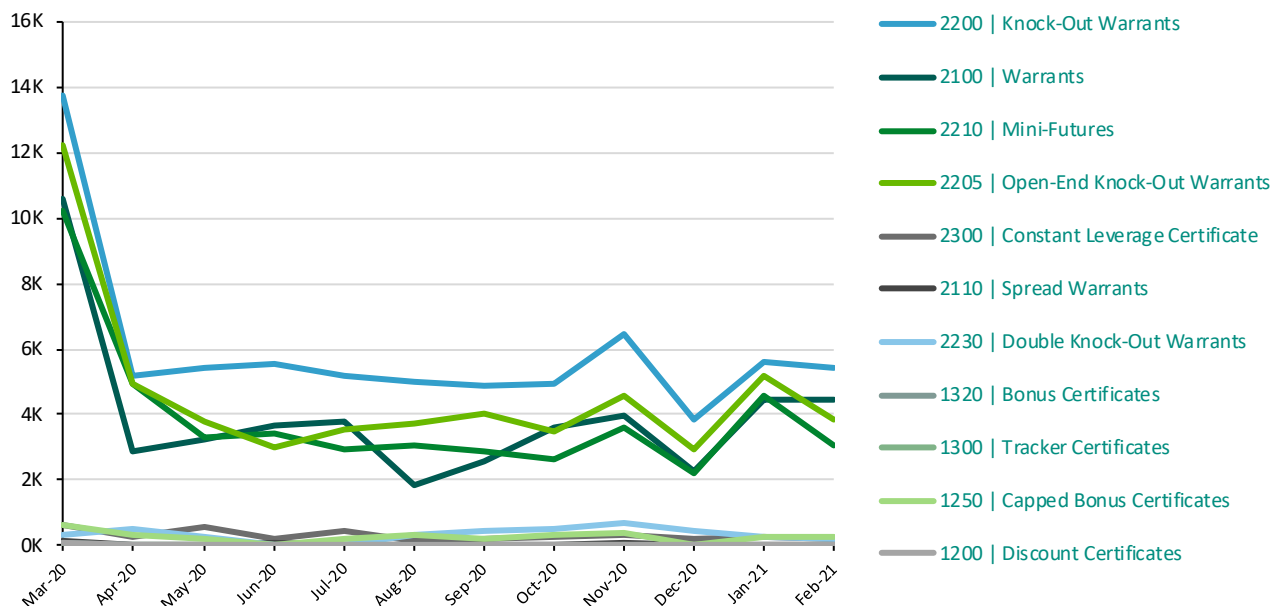
## Product Trend: Number of Live Products

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

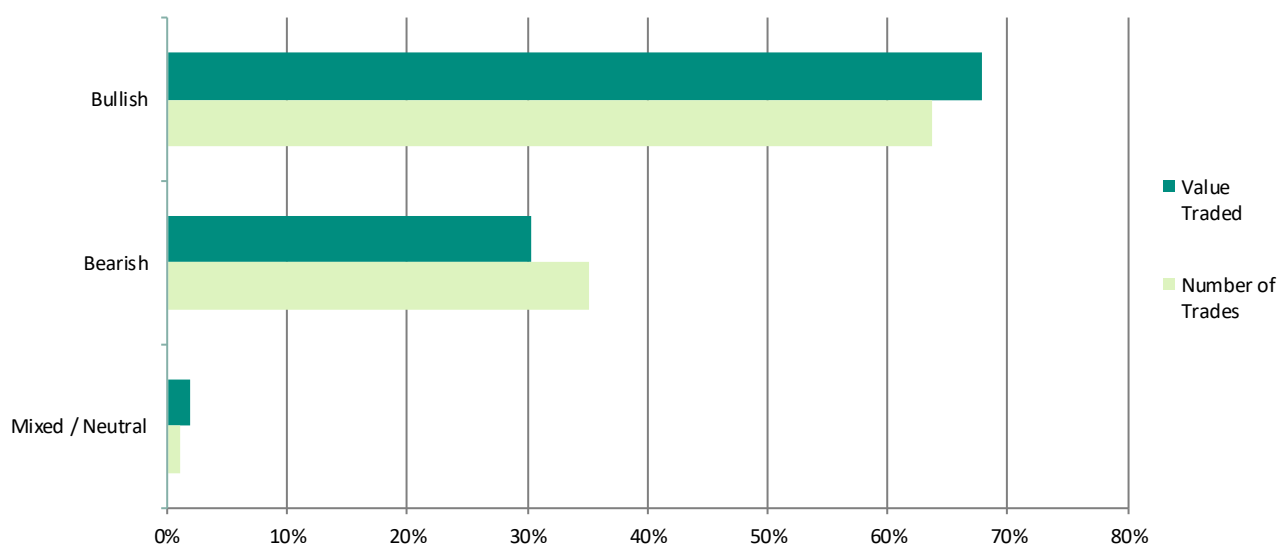
## Market Overview

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	15,050	7.3%	5.9%	67.8%	5,333	-1.2%	7.6%	63.7%
Bearish	6,730	0.7%	-17.1%	30.3%	2,940	-4.5%	-5.5%	35.1%
Mixed / Neutral	425	-47%	-10.6%	1.9%	92	-26%	-9.5%	1.1%
Total	22,205	3.3%	-2.6%	100%	8,366	-2.7%	2.4%	100%

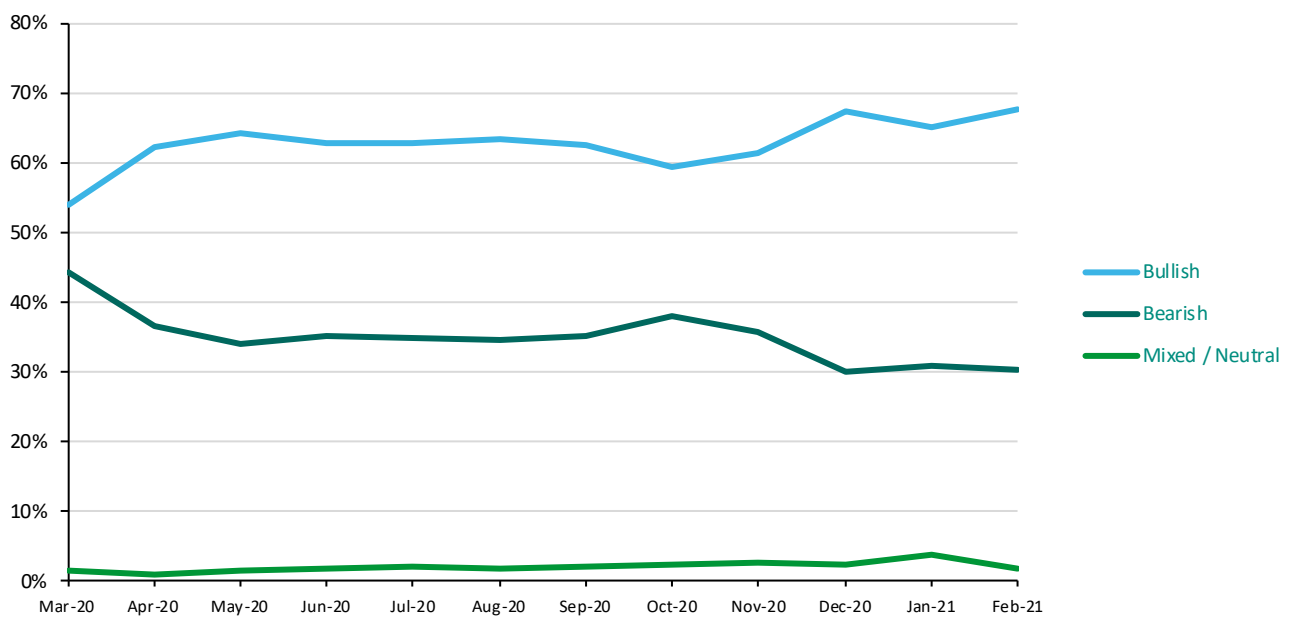
(Source Euronext)



# PRODUCT STRATEGIES

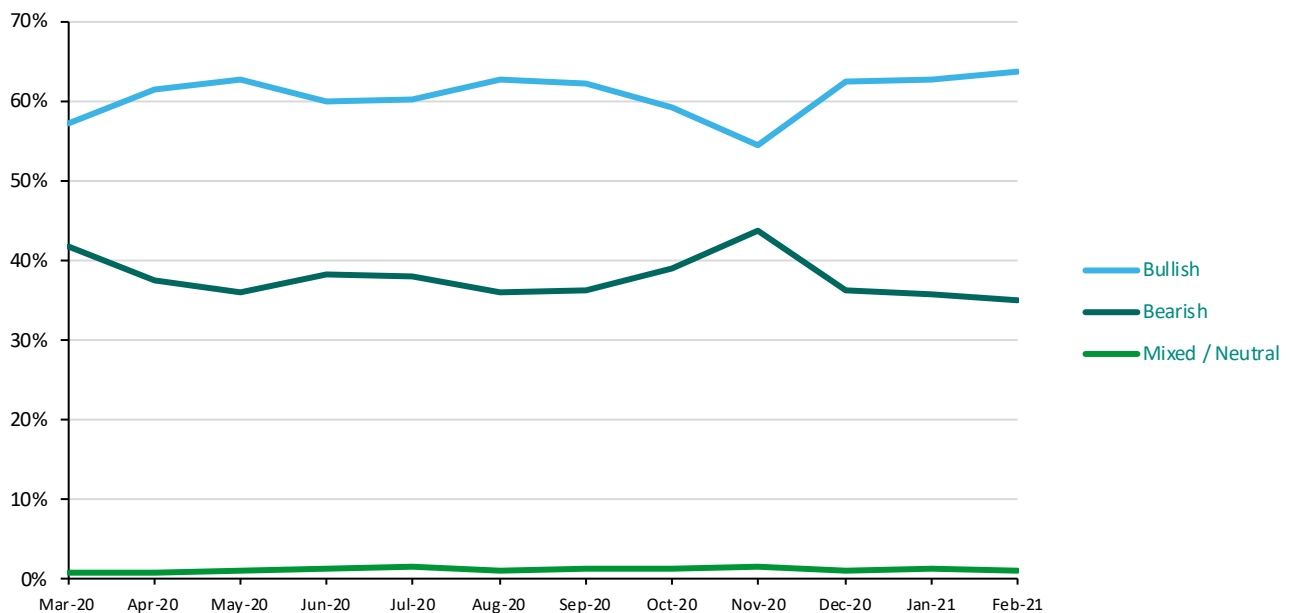
## Market Trend: Value traded

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

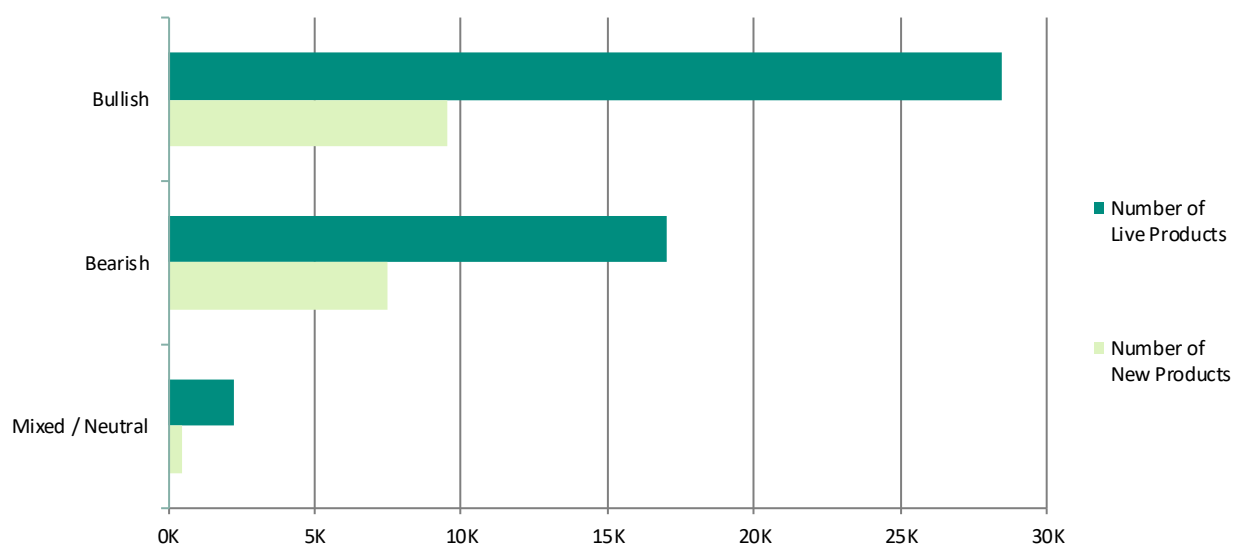
## Product Overview

The table below displays the daily 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 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	28,468	10.2%	4.3%	59.7%	9,523	-5.9%	-8.5%	54.5%
Bearish	16,996	12.0%	-6.0%	35.7%	7,484	-26%	-10.3%	42.8%
Mixed / Neutral	2,204	-4.9%	5.4%	4.6%	475	-13.2%	-23%	2.7%
<b>Total</b>	<b>47,667</b>	<b>10.0%</b>	<b>0.4%</b>	<b>100%</b>	<b>17,482</b>	<b>-15.7%</b>	<b>-9.7%</b>	<b>100%</b>

(Source Euronext)

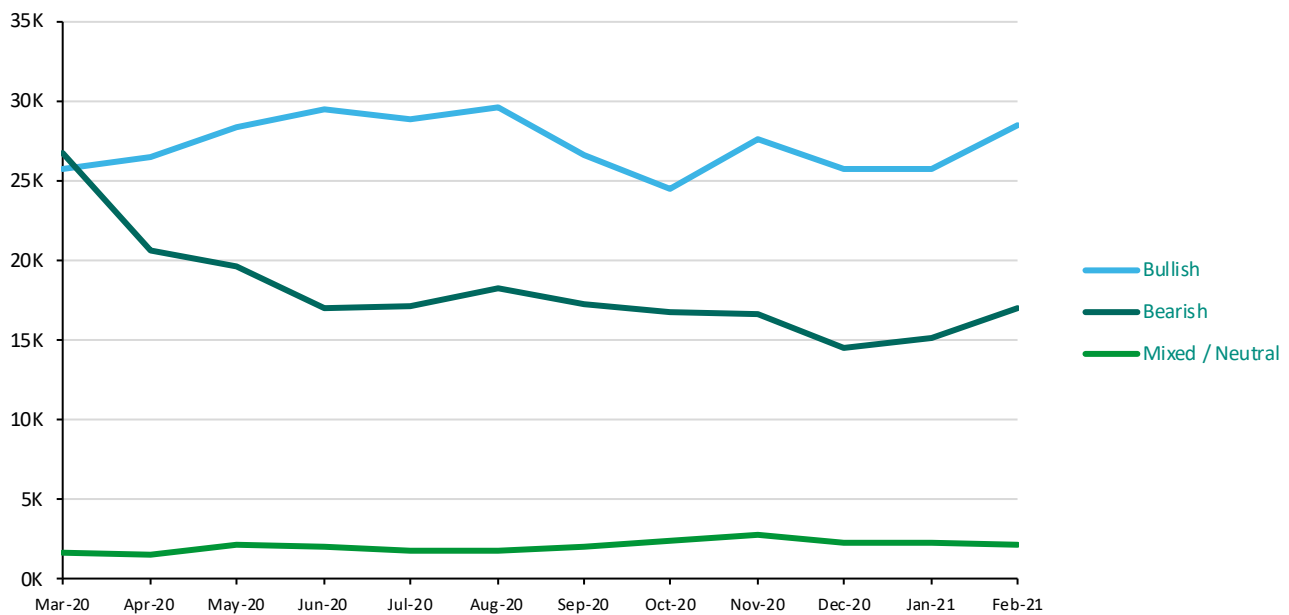




# PRODUCT STRATEGIES

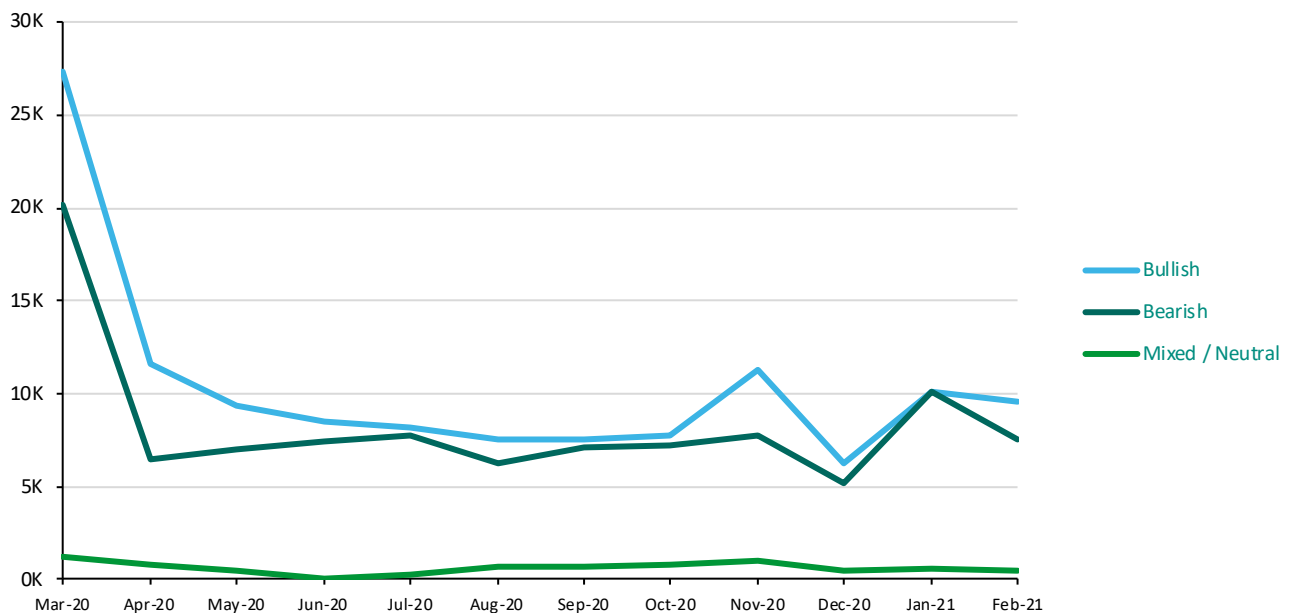
## Product Trend: Number of Live Products

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

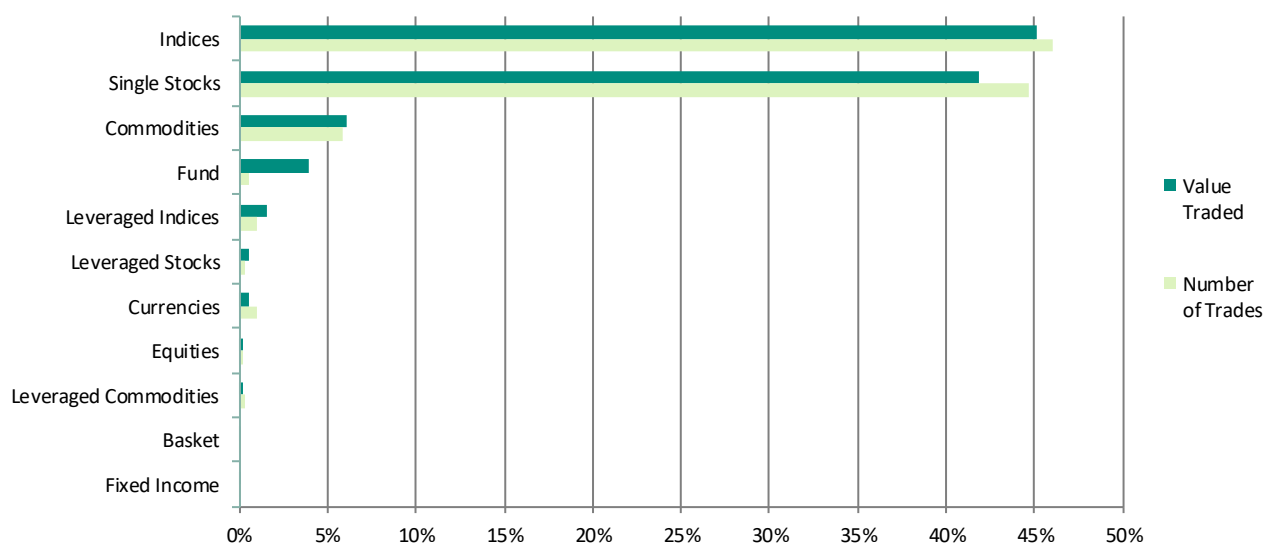
## Market Overview

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	10,033	-5.3%	-15.6%	45.2%	3,848	-9.2%	-5.0%	46.0%
Single Stocks	9,283	8.1%	29%	41.8%	3,739	2.3%	18.6%	44.7%
Commodities	1,357	79%	-14.0%	6.1%	487	34.1%	-12.1%	5.8%
Fund	861	26%	-17.6%	3.9%	46	198.4%	133.5%	0.5%
Leveraged Indices	336	-27%	-53%	1.5%	87	-19.4%	-61.2%	1.0%
Leveraged Stocks	120	38%	194%	0.5%	22	-16.9%	44.4%	0.3%
Currencies	111	-37%	-39%	0.5%	87	-35.6%	-12.6%	1.0%
Equities	39	-43%	105%	0.2%	19	-32.0%	104.1%	0.2%
Leveraged Commodities	39	-0.9%	-51%	0.2%	26	6.4%	-35.6%	0.3%
Basket	19	-17.5%	-57%	0.1%	1.3	-16.7%	-8.9%	0.0%
Fixed Income	4	-81%	-46%	0.0%	3.2	-35.4%	-22.9%	0.0%
<b>Total</b>	<b>22,205</b>	<b>3.3%</b>	<b>-2.6%</b>	<b>100%</b>	<b>8,366</b>	<b>-2.7%</b>	<b>2.4%</b>	<b>100%</b>

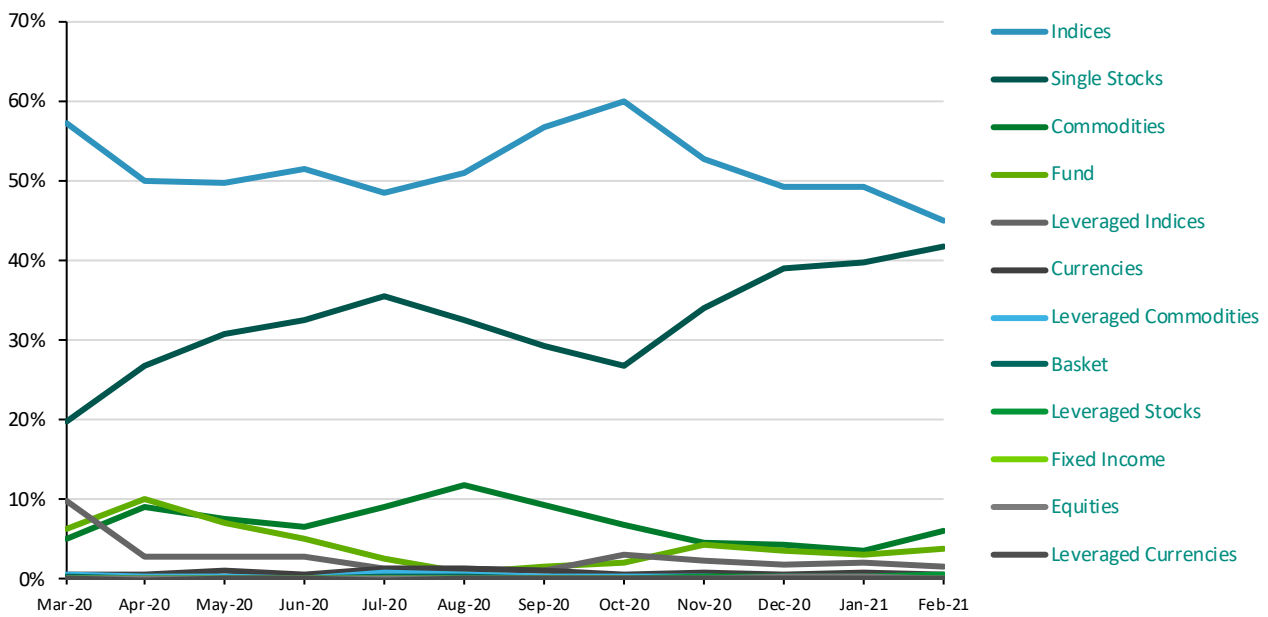
(Source Euronext)



# UNDERLYING TYPES

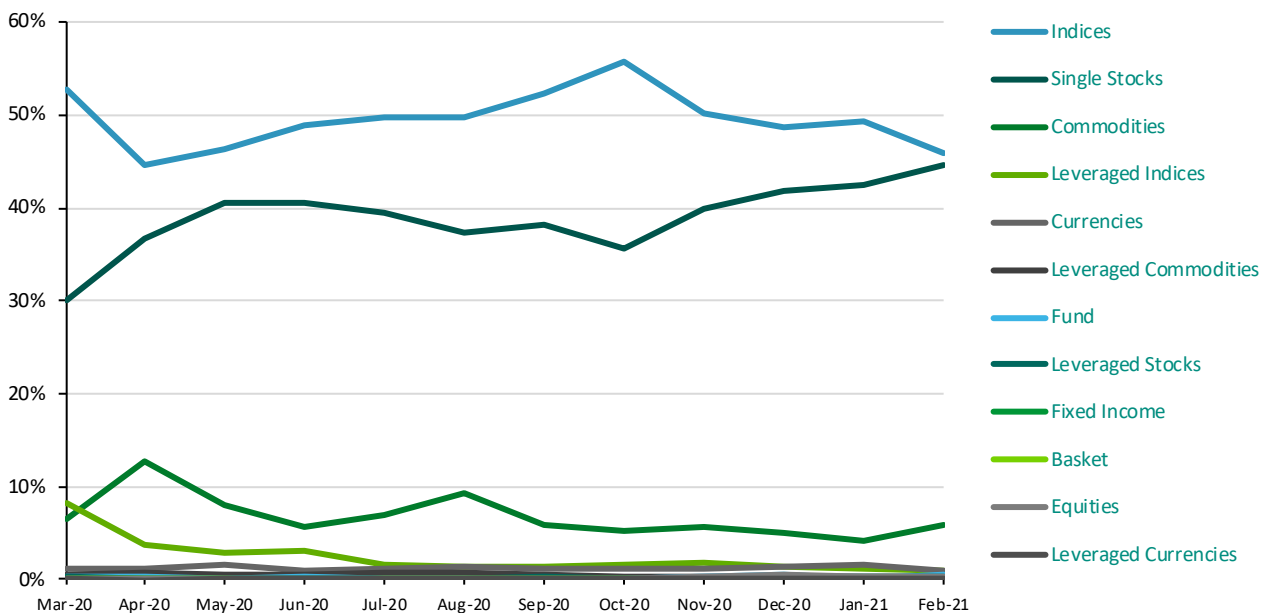
## Market Trend: Value traded

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

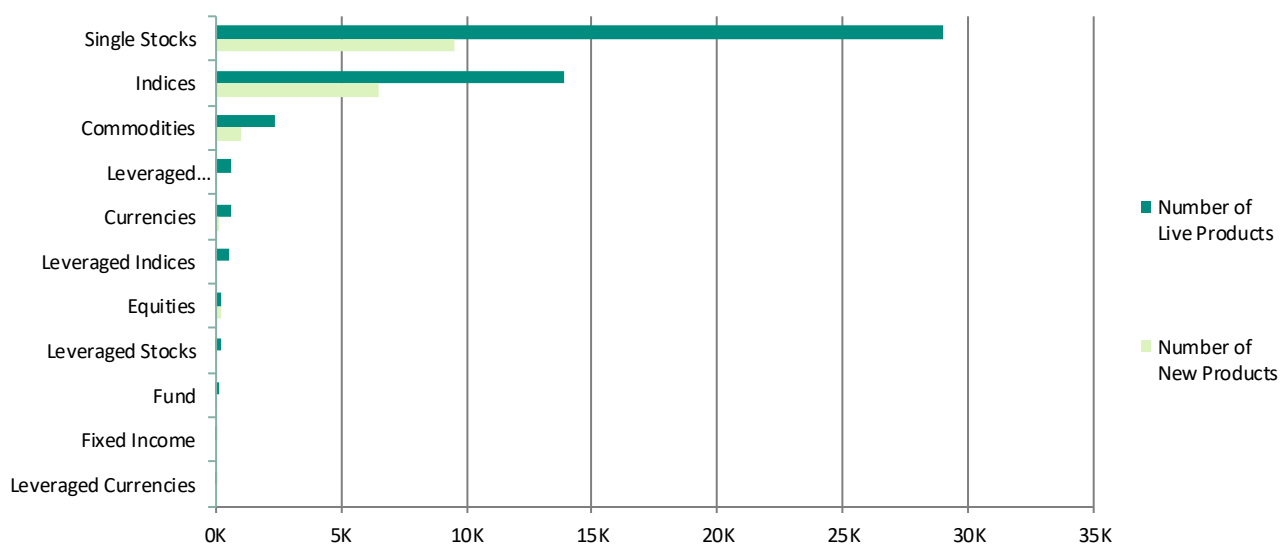
### Product Overview

The table below displays the daily 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 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	29,019	9.5%	0.0%	60.9%	9,507	-1.4%	-3.2%	54.4%
Indices	13,895	12.0%	0.4%	29.2%	6,534	-35%	-20%	37.4%
Commodities	2,343	7.4%	-3.2%	4.9%	1,019	59%	6.4%	5.8%
Leveraged Commodities	652	0.3%	38%	1.4%	63	-17.1%	-40%	0.4%
Currencies	611	3.5%	-14.6%	1.3%	137	4.6%	-5.7%	0.8%
Leveraged Indices	560	-0.4%	-5.2%	1.2%	6	-68%	-92%	0.0%
Equities	216	230%	424%	0.5%	195	31%	310%	1.1%
Leveraged Stocks	181	0.6%	-3.1%	0.4%	18	200%	-25%	0.1%
Fund	111	1.2%	6.7%	0.2%	3	200%	89%	0.0%
Fixed Income	56	-9.7%	-19.6%	0.1%	0		-100%	0.0%
Leveraged Currencies	17	0.0%	41%	0.0%	0		-100%	0.0%
<b>Total</b>	<b>47,667</b>	<b>10.0%</b>	<b>0.4%</b>	<b>100%</b>	<b>17,482</b>	<b>-15.7%</b>	<b>-9.7%</b>	<b>100%</b>

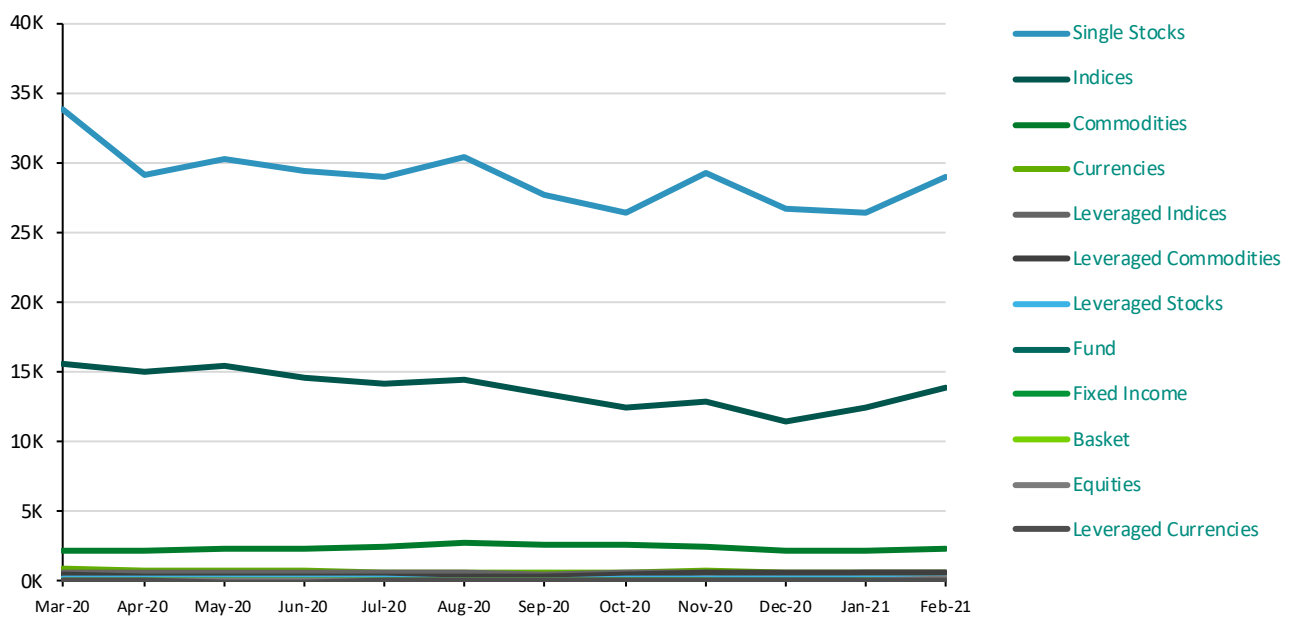
(Source Euronext)



# UNDERLYING TYPES

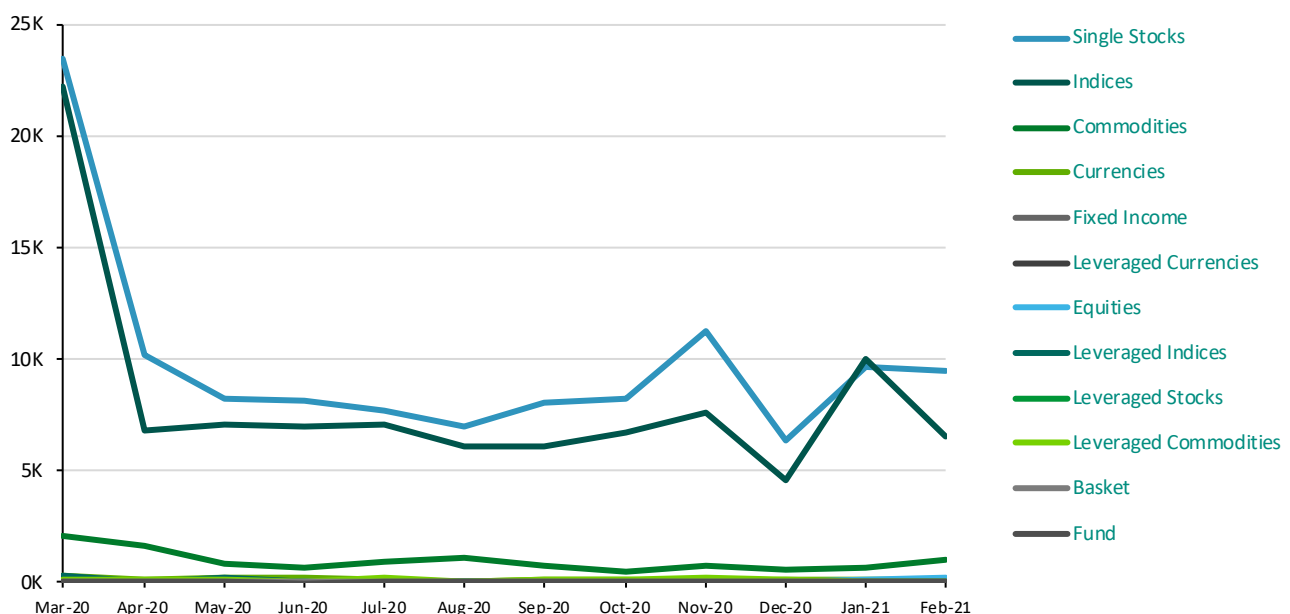
## Product Trend: Number of Live Products

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

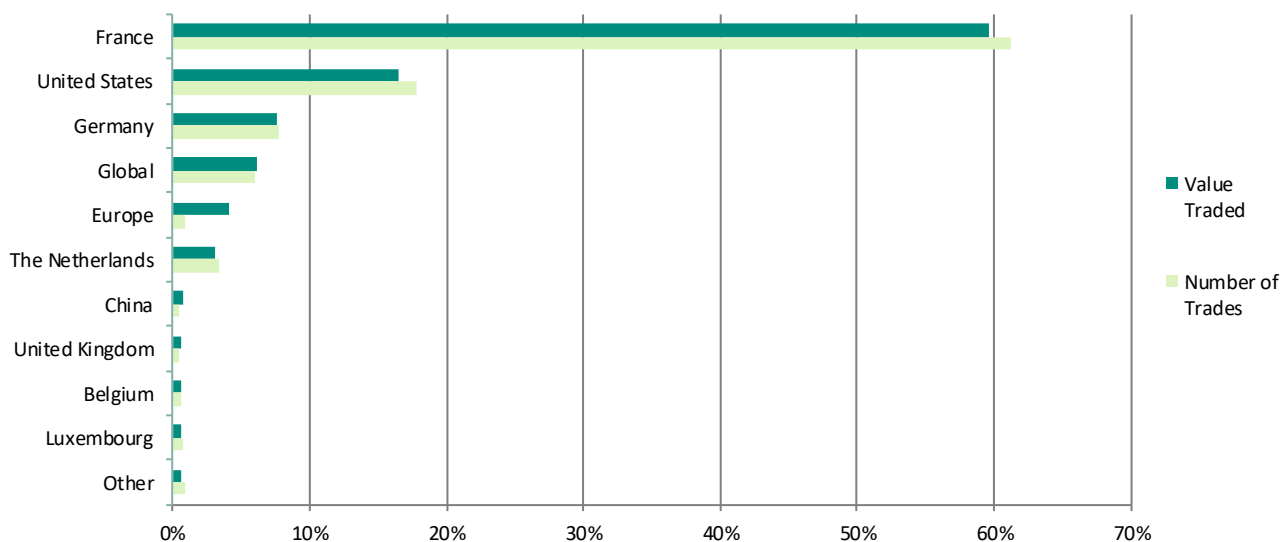
## Market Overview

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	13,248	-2.9%	-2.4%	59.7%	5,127	-2.5%	-1.3%	61.3%
United States	3,659	1.3%	-0.4%	16.5%	1,488	-6.4%	11.4%	17.8%
Germany	1,691	8.4%	-17.1%	7.6%	647	11.9%	0.3%	7.7%
Global	1,370	65%	-14.5%	6.2%	497	31%	-9.5%	5.9%
Europe	905	16.7%	-21%	4.1%	72	31%	6.5%	0.9%
The Netherlands	666	84%	121%	3.0%	280	-42%	47%	3.3%
China	149	20%	166%	0.7%	32	-15.7%	151%	0.4%
United Kingdom	140	1.8%	47%	0.6%	41	-23%	44%	0.5%
Belgium	130	60%	11.9%	0.6%	47	38%	-0.8%	0.6%
Luxembourg	129	-15.5%	12.0%	0.6%	62	23%	16.3%	0.7%
Other	120	-47%	30%	0.5%	74	-9.4%	60%	0.9%
<b>Total</b>	<b>22,205</b>	<b>3.3%</b>	<b>-2.6%</b>	<b>100%</b>	<b>8,366</b>	<b>-2.7%</b>	<b>2.4%</b>	<b>100%</b>

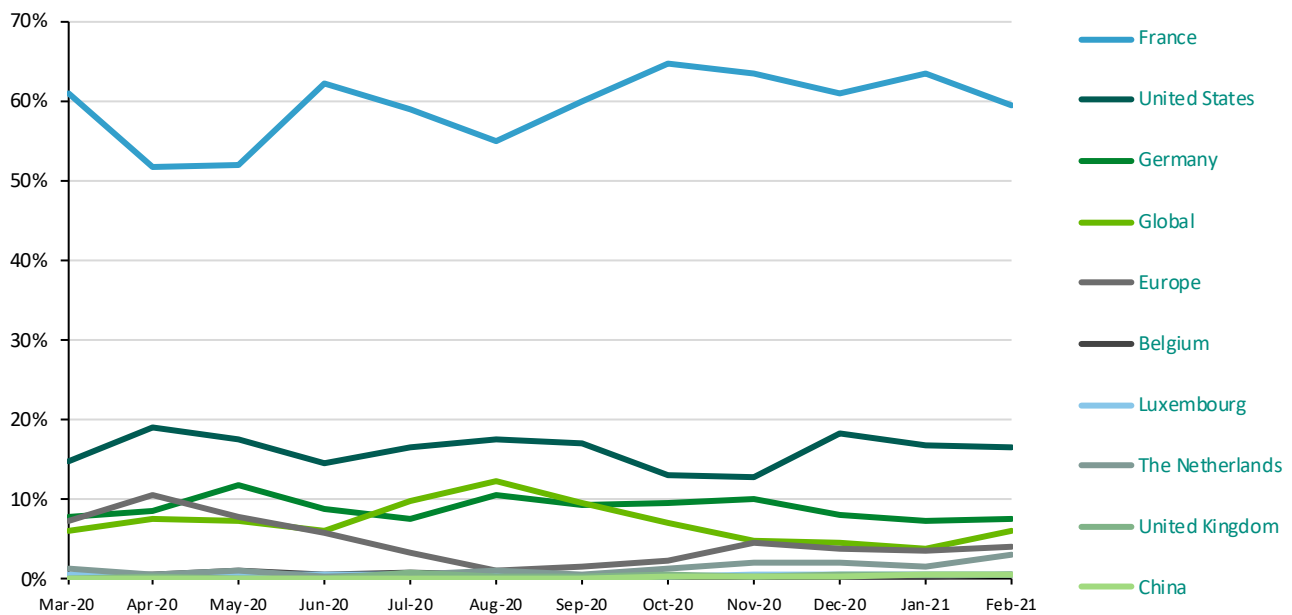
(Source Euronext)



# TOP 10 UNDERLYING COUNTRIES

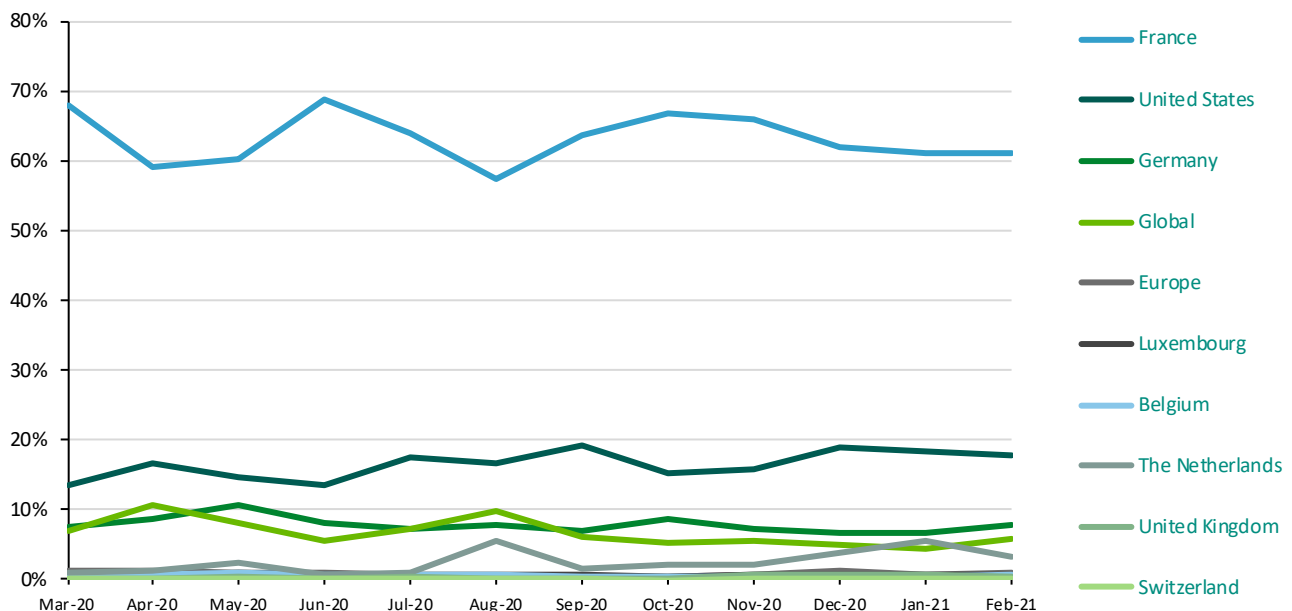
## Market Trend: Value traded

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

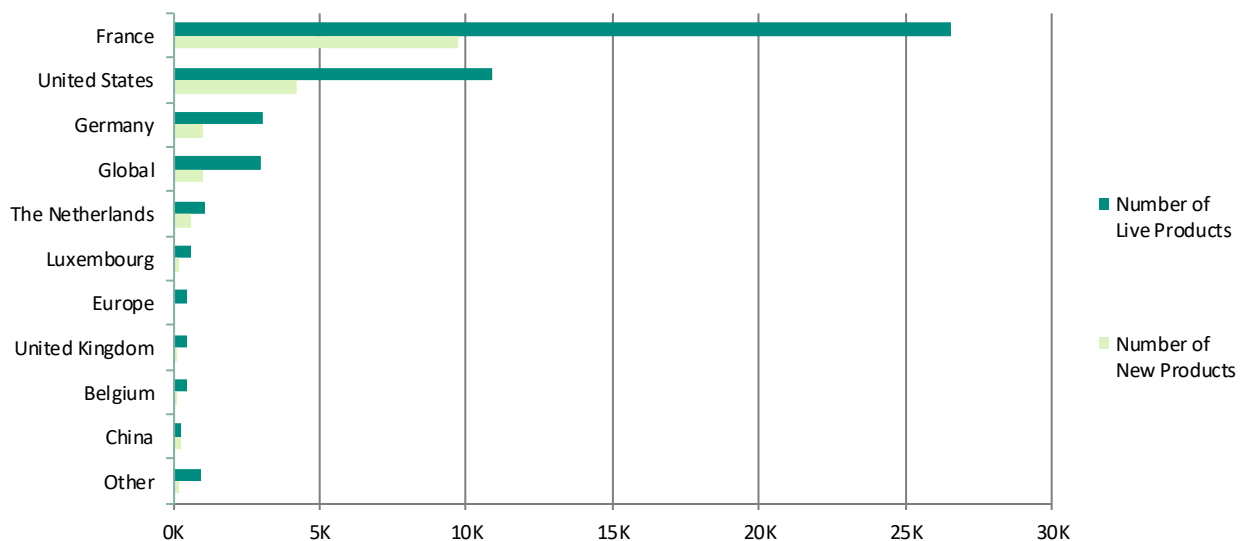
## Product Overview

The table below displays the daily 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 number of live products and number of new products for each top 10 underlying country.

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	26,554	8.9%	-7.8%	55.7%	9,752	-10.7%	-14.8%	55.8%
United States	10,905	12.0%	18.1%	22.9%	4,214	-20.0%	2.8%	24.1%
Germany	3,066	10.3%	0.5%	6.4%	1,038	-48%	-35%	5.9%
Global	2,955	6.2%	4.5%	6.2%	997	45%	6.1%	5.7%
The Netherlands	1,050	43%	88%	2.2%	576	-25%	60%	3.3%
Luxembourg	599	11.6%	7.6%	1.3%	203	-14.3%	-9.2%	1.2%
Europe	472	7.1%	-2.0%	1.0%	61	-54%	-58%	0.3%
United Kingdom	451	6.8%	16.8%	0.9%	101	-36%	-6.0%	0.6%
Belgium	435	8.6%	0.5%	0.9%	94	-44%	-30%	0.5%
China	249	24%	105%	0.5%	235	81%	339%	1.3%
Other	931	0.9%	-7.7%	2.0%	211	-16.6%	-18.0%	1.2%
<b>Total</b>	<b>47,667</b>	<b>10.0%</b>	<b>0.4%</b>	<b>100%</b>	<b>17,482</b>	<b>-15.7%</b>	<b>-9.7%</b>	<b>100%</b>

(Source Euronext)

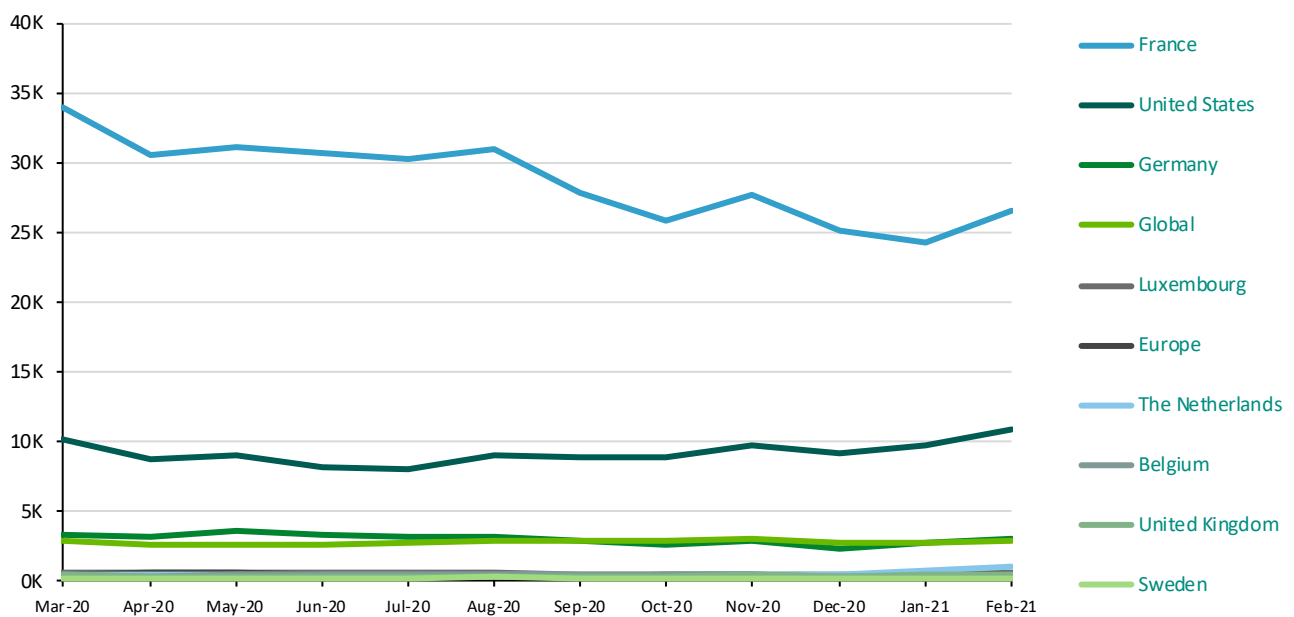




# TOP 10 UNDERLYING COUNTRIES

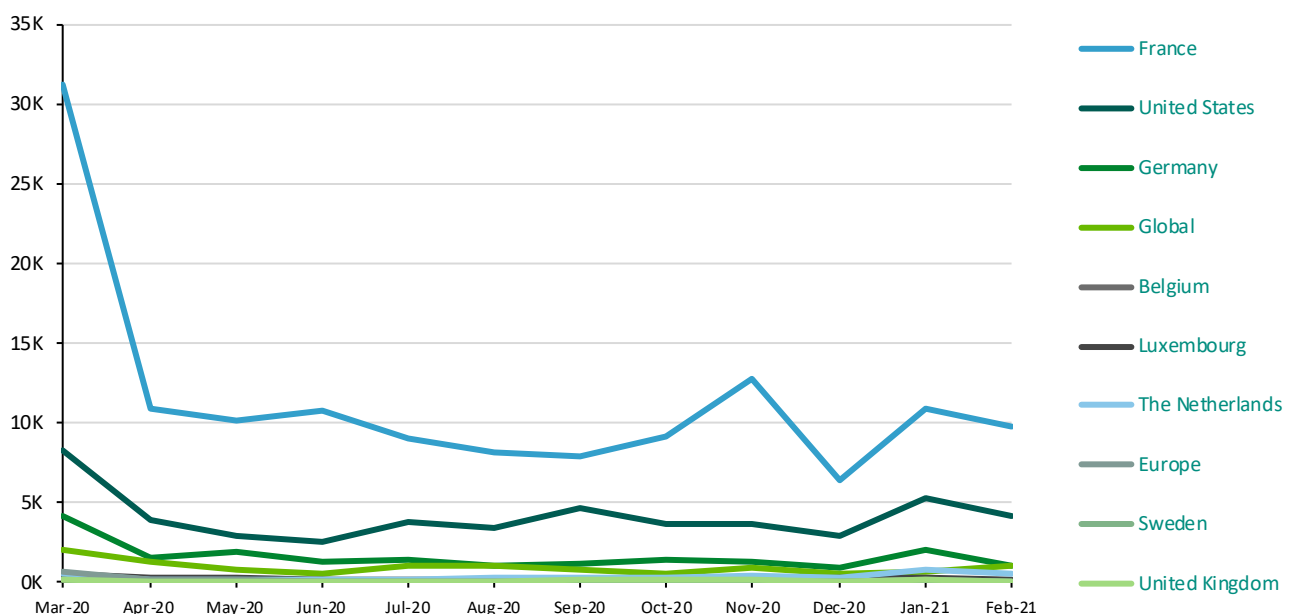
## Product Trend: Number of Live Products

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

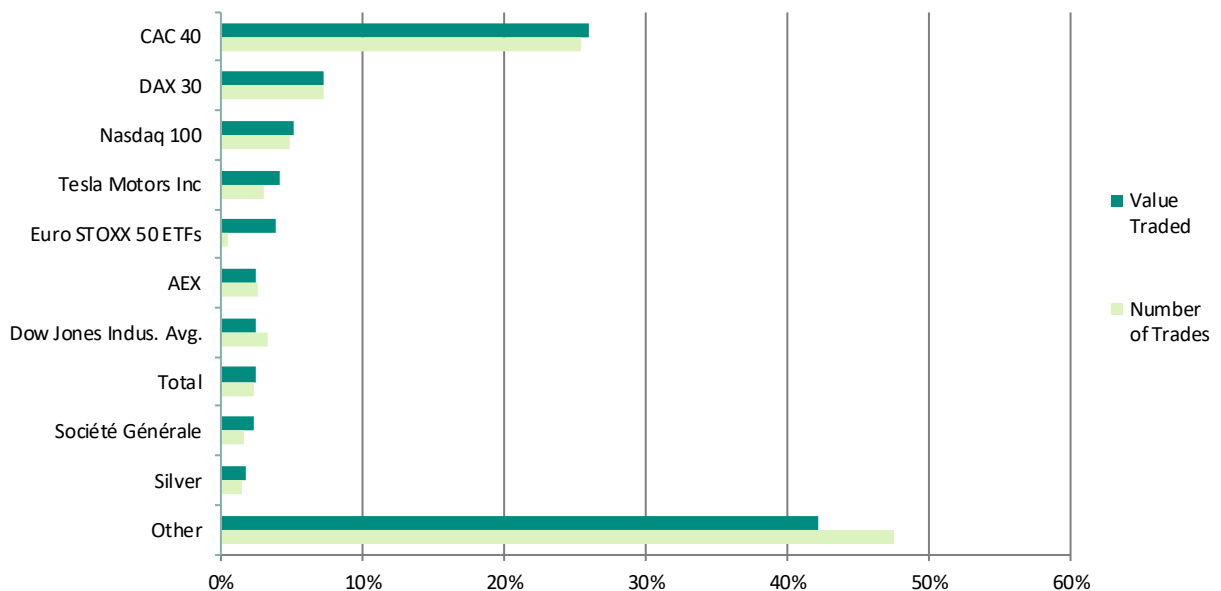
## Market Overview

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	5,789	-14.1%	-20%	26.1%	2,128	-11.0%	-13.1%	25.4%
DAX 30	1,616	10.6%	-15.9%	7.3%	607	16.5%	2.5%	7.3%
Nasdaq 100	1,126	-3.9%	23%	5.1%	411	10.1%	34%	4.9%
Tesla Motors Inc	907	15.4%	87%	4.1%	255	-11.8%	54%	3.0%
Euro STOXX 50 ETFs	861	27%	-17.6%	3.9%	46	201%	134%	0.5%
AEX	556	111%	144%	2.5%	222	-48%	43%	2.7%
Dow Jones Indus. Avg.	538	5.1%	-39%	2.4%	272	-5.8%	-0.1%	3.2%
Total	531	42%	42%	2.4%	188	61%	18.1%	2.3%
Société Générale	517	40%	60%	2.3%	131	35%	10.8%	1.6%
Silver	403	278%	173%	1.8%	122	83%	89%	1.5%
Other	9,361	3.6%	1.6%	42.2%	3,984	-0.7%	3.0%	47.6%
Total	22,205	3.3%	-2.6%	100%	8,366	-2.7%	2.4%	100%

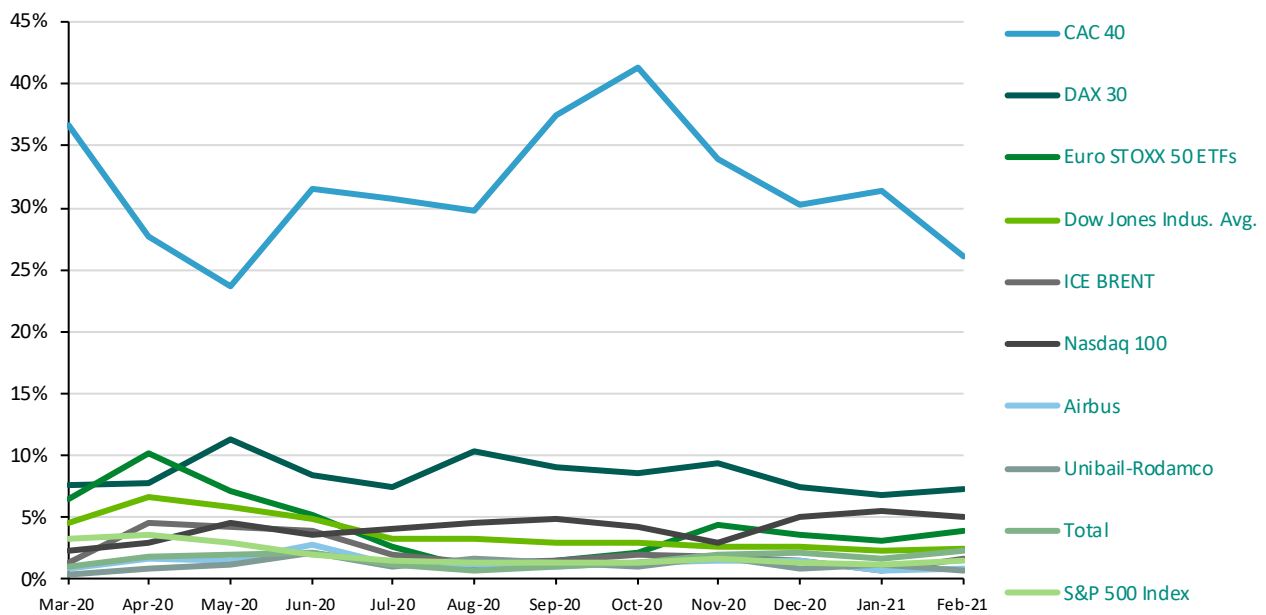
(Source Euronext)



# TOP 10 UNDERLYINGS

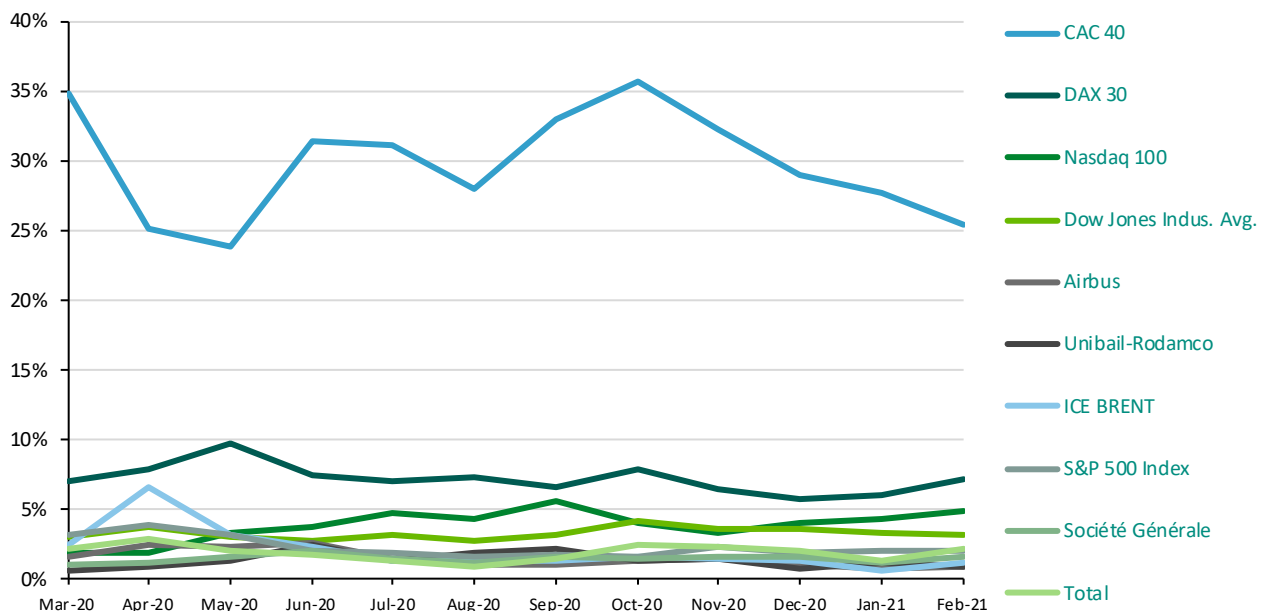
## Market Trend: Value traded

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

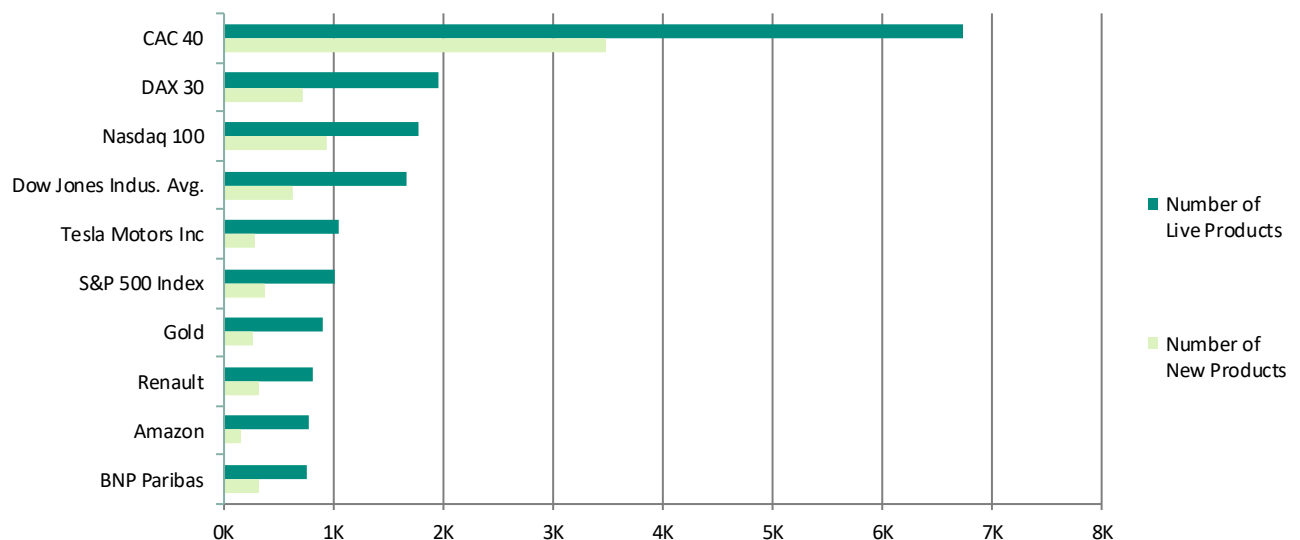
## Product Overview

The table below displays the daily 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 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	6,744	9.5%	-7.3%	14.1%	3,480	-26%	-19.5%	19.9%
DAX 30	1,952	8.1%	-2.7%	4.1%	729	-57%	-43%	4.2%
Nasdaq 100	1,784	24%	22%	3.7%	944	-35%	4.6%	5.4%
Dow Jones Indus. Avg.	1,676	15.2%	12.3%	3.5%	636	-44%	-30%	3.6%
Tesla Motors Inc	1,057	8.8%	32%	2.2%	290	-43%	-25%	1.7%
S&P 500 Index	1,018	16.9%	14.3%	2.1%	380	-43%	-11.6%	2.2%
Gold	910	8.9%	5.1%	1.9%	277	24%	7.4%	1.6%
Renault	815	4.9%	-9.0%	1.7%	324	13.3%	-9.3%	1.9%
Amazon	779	6.2%	46%	1.6%	164	-5.7%	8.7%	0.9%
BNP Paribas	755	8.1%	1.5%	1.6%	318	24%	-0.3%	1.8%
Other	30,176	9.4%	-1.1%	63.3%	9,940	3.2%	-1.1%	56.9%
<b>Total</b>	<b>47,667</b>	<b>10.0%</b>	<b>0.4%</b>	<b>100%</b>	<b>17,482</b>	<b>-15.7%</b>	<b>-9.7%</b>	<b>100%</b>

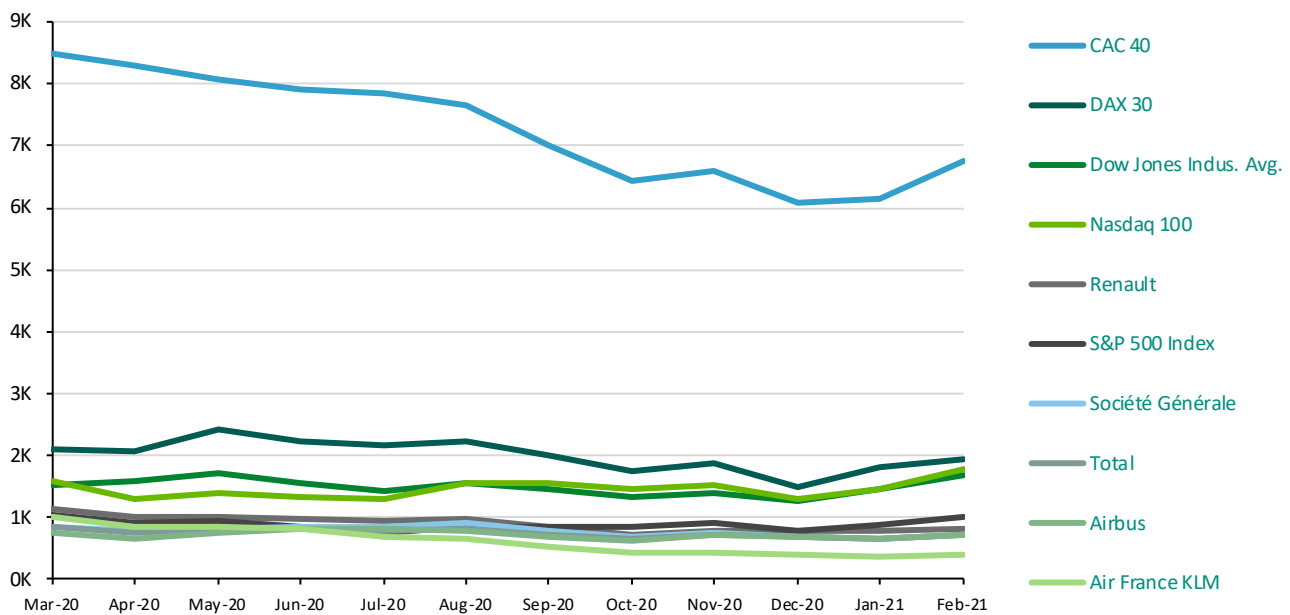
(Source Euronext)



# TOP 10 UNDERLYINGS

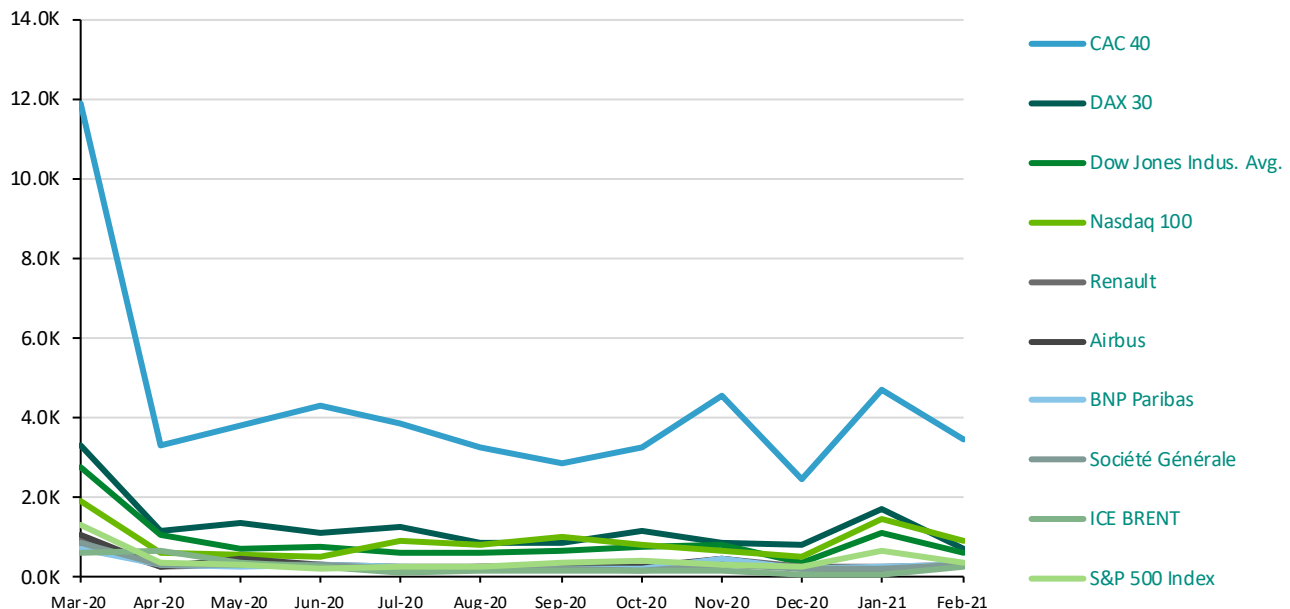
## Product Trend: Number of Live Products

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
NLBNPFR10QY8	BNP Paribas	2100   Warrants	Euro STOXX 50 ETFs	7,828	112
DE000KE04Z90	Citi	2205   Open-End Knock-Out Warrants	DAX 30	7,437	198
FRBNPP029MQ2	BNP Paribas	2210   Mini-Futures	CAC 40	5,996	249
DE000KE2UFU2	Citi	2205   Open-End Knock-Out Warrants	DAX 30	4,817	204
NLBNPFR11SS4	BNP Paribas	2100   Warrants	Euro STOXX 50 ETFs	4,816	100
DE000SB2EJF4	Société Générale	2300   Constant Leverage Certificate	CAC 40	3,783	615
FRBNPP022198	BNP Paribas	2210   Mini-Futures	CAC 40	3,298	123
NLBNPFR10QX0	BNP Paribas	2100   Warrants	Euro STOXX 50 ETFs	3,218	510
DE000SD1AM38	Société Générale	2300   Constant Leverage Certificate	CAC 40	3,210	567
DE000VQ3E5D2	Vontobel	2200   Knock-Out Warrants	AEX	3,171	169
DE000SD1NRF8	Société Générale	2300   Constant Leverage Certificate	Tesla Motors Inc	2,981	85
FRBNPP01XBR3	BNP Paribas	2300   Constant Leverage Certificate	Nasdaq 100	2,522	50
DE000UC142D7	Unicredit	2205   Open-End Knock-Out Warrants	Carrefour	2,155	95
DE000SD122A8	Société Générale	2100   Warrants	Orange (ex France Télécom)	1,902	268
DE000CX3Y7B4	Citi	2300   Constant Leverage Certificate	CAC 40 x5 Leverage Index	1,848	16
DE000SD1GC42	Société Générale	2100   Warrants	Vivendi	1,709	99
NL0006454928	BNP Paribas	1300   Tracker Certificates	Gold	1,666	58
DE000CL1JDK4	Société Générale	2205   Open-End Knock-Out Warrants	CAC 40	1,639	133
DE000SD2U3T8	Société Générale	2210   Mini-Futures	Tesla Motors Inc	1,561	47
FRBNPP01DS55	BNP Paribas	2210   Mini-Futures	CAC 40	1,544	93
FRBNPP024QG5	BNP Paribas	1250   Capped Bonus Certificates	CAC 40	1,404	5
DE000VQ4JN15	Vontobel	2200   Knock-Out Warrants	AEX	1,274	1,652
FRBNPP01EBP7	BNP Paribas	2205   Open-End Knock-Out Warrants	Safran	1,273	86
DE000KE02NHO	Citi	2200   Knock-Out Warrants	Safran	1,264	73
FRBNPP021KZ4	BNP Paribas	2200   Knock-Out Warrants	CAC 40	1,237	82
DE000SD2CYX8	Société Générale	2200   Knock-Out Warrants	DAX 30	1,184	326
DE000SD1KYT1	Société Générale	2205   Open-End Knock-Out Warrants	Tesla Motors Inc	1,167	25
DE000VE2BFZ8	Vontobel	2300   Constant Leverage Certificate	Tesla x5 Leverage Index	1,165	29
DE000KE2WLH3	Citi	2205   Open-End Knock-Out Warrants	DAX 30	1,150	68
FRBNPP0222R7	BNP Paribas	2200   Knock-Out Warrants	CAC 40	1,141	65
DE000KB7UM96	Citi	2100   Warrants	CAC 40	1,139	244
FRBNPP022545	BNP Paribas	2210   Mini-Futures	Total	1,096	68
DE000SB5GBT0	Société Générale	2210   Mini-Futures	Air Liquide	1,064	86
DE000VQ2BN31	Vontobel	2205   Open-End Knock-Out Warrants	S&P 500 Index	1,042	109
DE000SB2JZ37	Société Générale	2300   Constant Leverage Certificate	Total	1,031	157
DE000SD11LS7	Société Générale	2205   Open-End Knock-Out Warrants	Tesla Motors Inc	1,023	37
FRBNPP029PV5	BNP Paribas	2200   Knock-Out Warrants	CAC 40	1,020	81
DE000SD1R0J1	Société Générale	2100   Warrants	Vivendi	1,005	54
DE000SD3GWE1	Société Générale	2210   Mini-Futures	Silver	1,004	16
DE000SD015P2	Société Générale	2210   Mini-Futures	Société Générale	997	37
DE000SD3WZE1	Société Générale	2200   Knock-Out Warrants	CAC 40	993	209
DE000KE3CJUV5	Citi	2210   Mini-Futures	Nasdaq 100	989	261
FRBNPP028TGO	BNP Paribas	2210   Mini-Futures	CAC 40	979	47
FRBNPP022K12	BNP Paribas	2300   Constant Leverage Certificate	Nasdaq 100	971	89
DE000KB7VNZ5	Citi	2210   Mini-Futures	Dow Jones Indus. Avg.	965	447
DE000SD0N330	Société Générale	2100   Warrants	Air Liquide	957	74
DE000KB49SX3	Citi	2300   Constant Leverage Certificate	CAC 40 x15 Leverage Index	955	209
FRBNPP0222M8	BNP Paribas	2300   Constant Leverage Certificate	CAC 40	955	418
DE000SD1QLP3	Société Générale	2210   Mini-Futures	Air France KLM	935	646
DE000SD1NHV6	Société Générale	2200   Knock-Out Warrants	CAC 40	932	69

(Source Euronext)



# Euroclear Nederland Instruments

# ISSUERS

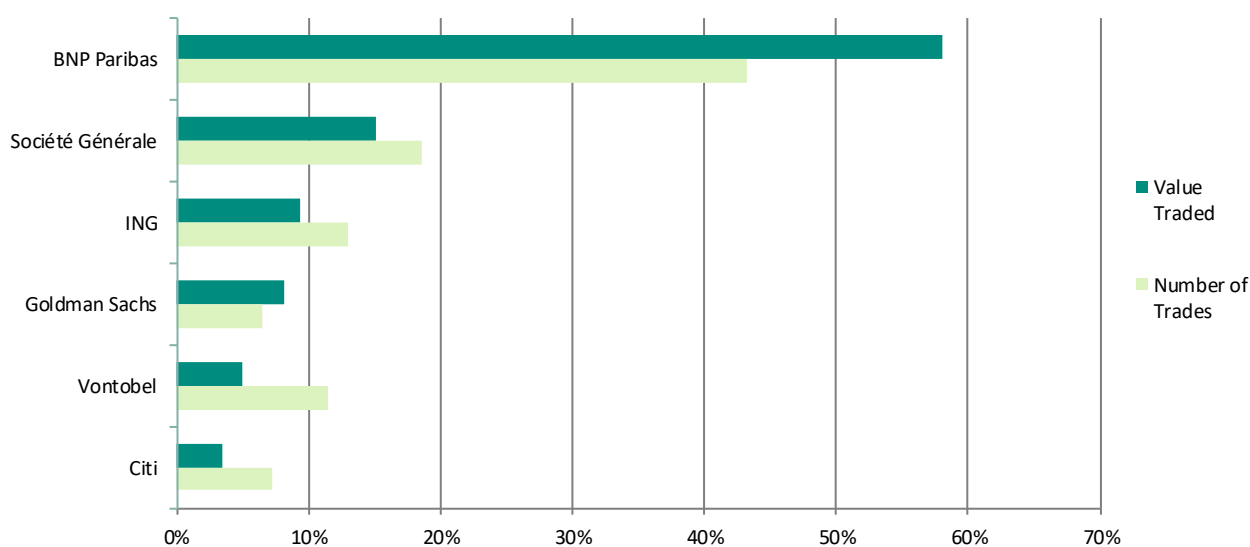
## Market Overview

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	15,080	13.4%	13.4%	58.1%	3,974	6.4%	8.8%	43.3%
Société Générale	3,931	11.3%	44%	15.1%	1,699	-1.5%	31.2%	18.5%
ING	2,431	32%	-27%	9.4%	1,196	-6.4%	-10.3%	13.0%
Goldman Sachs	2,105	-7.1%	-19.7%	8.1%	596	-28.0%	-27.5%	6.5%
Vontobel	1,267	5.6%	-32%	4.9%	1,053	1.1%	9.3%	11.5%
Citi	886	-7.6%	-17.1%	3.4%	659	36.4%	-3.6%	7.2%
<b>Total</b>	<b>25,958</b>	<b>12.4%</b>	<b>3.5%</b>	<b>100%</b>	<b>9,179</b>	<b>1.0%</b>	<b>4.0%</b>	<b>100%</b>

(Source Euronext)

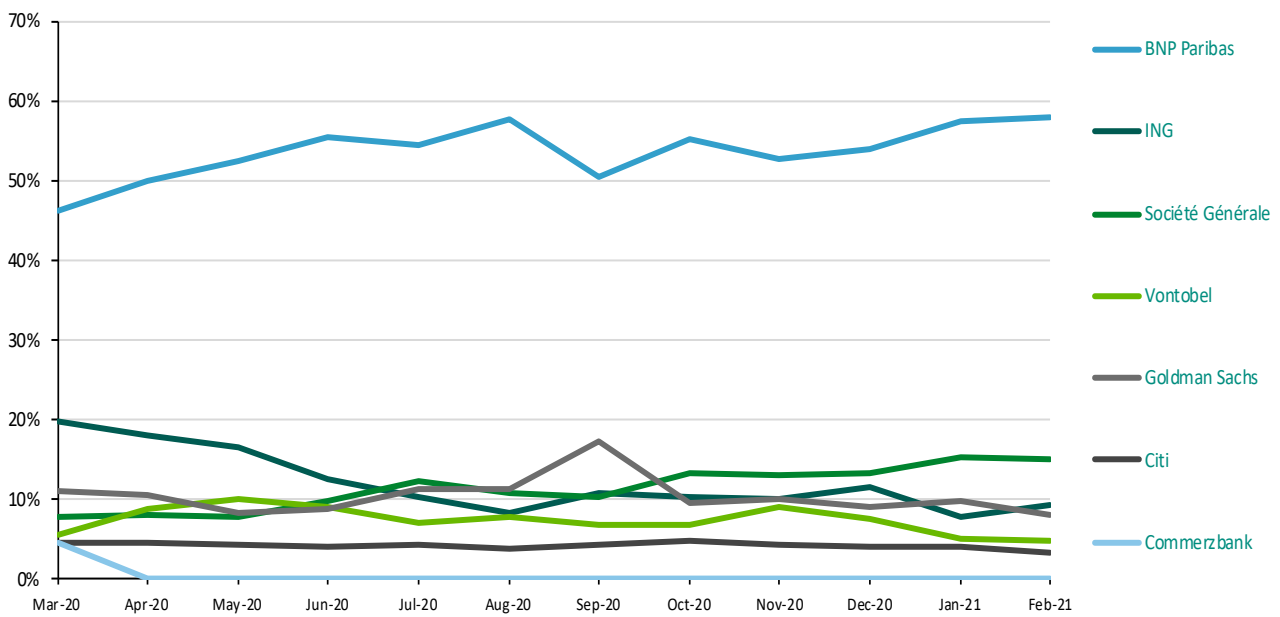




# ISSUERS

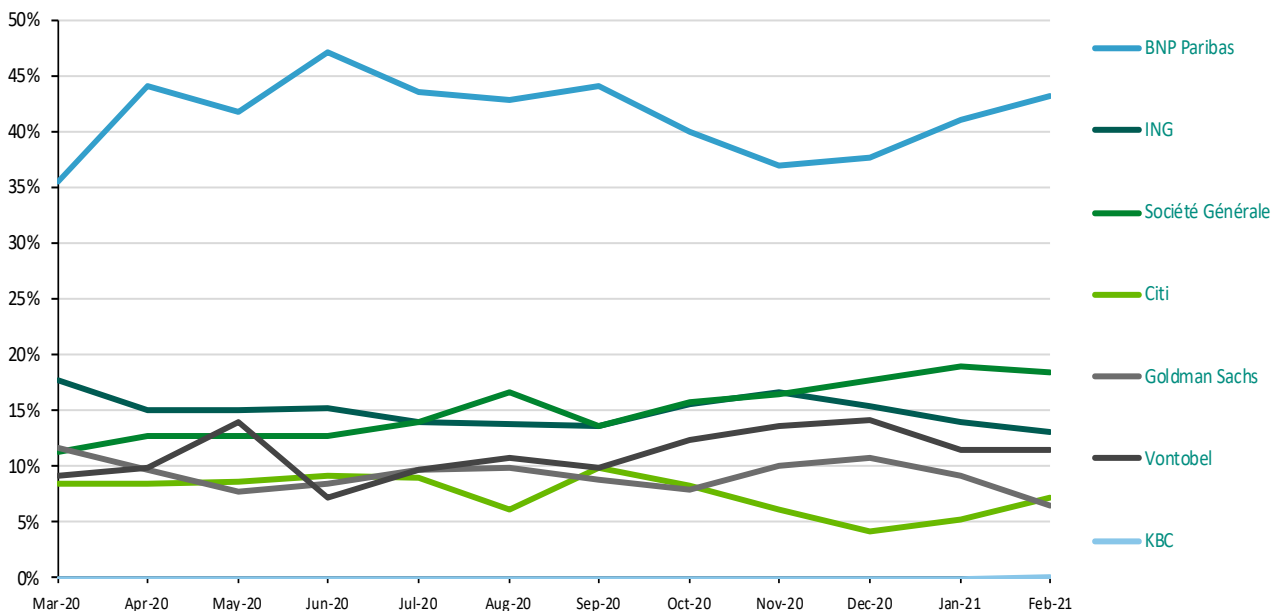
## Market Trend: Value traded

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

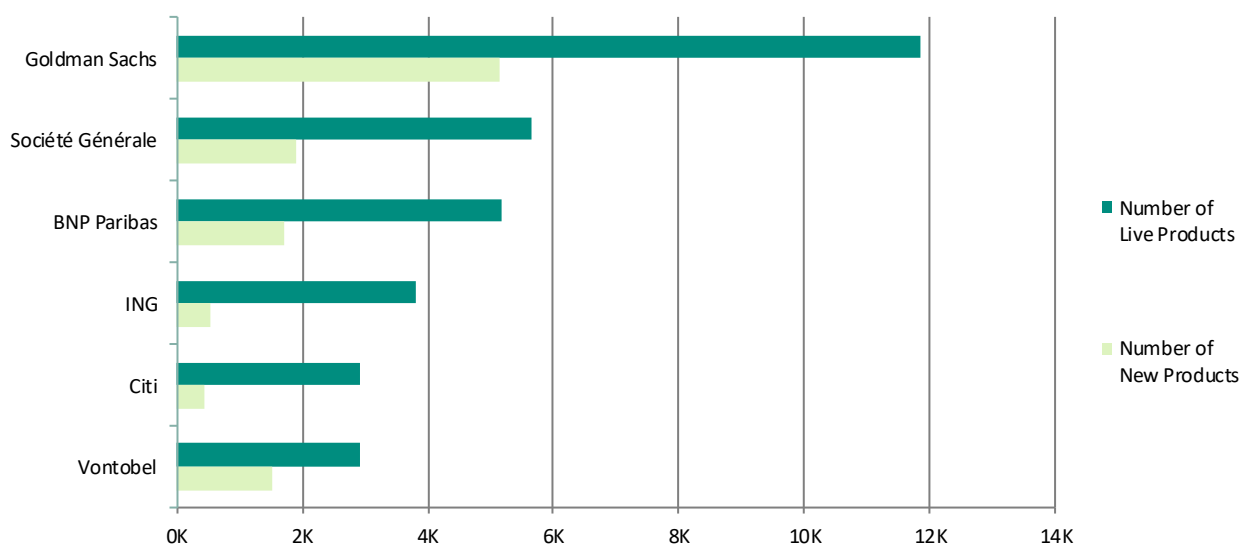
## Product Overview

The table below displays the daily 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 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	11,858	0.7%	19.2%	36.7%	5,141	28%	-38%	45.9%
Société Générale	5,667	7.8%	15.1%	17.5%	1,885	28%	15.0%	16.8%
BNP Paribas	5,188	6.2%	-10.6%	16.0%	1,694	7.3%	-37%	15.1%
ING	3,812	-0.6%	5.4%	11.8%	520	-2.8%	-32%	4.6%
Citi	2,910	1.5%	-5.6%	9.0%	446	-31%	-62%	4.0%
Vontobel	2,906	1.6%	1.8%	9.0%	1,504	30%	-27%	13.4%
<b>Total</b>	<b>32,343</b>	<b>2.7%</b>	<b>5.7%</b>	<b>100%</b>	<b>11,192</b>	<b>18.9%</b>	<b>-33.5%</b>	<b>100%</b>

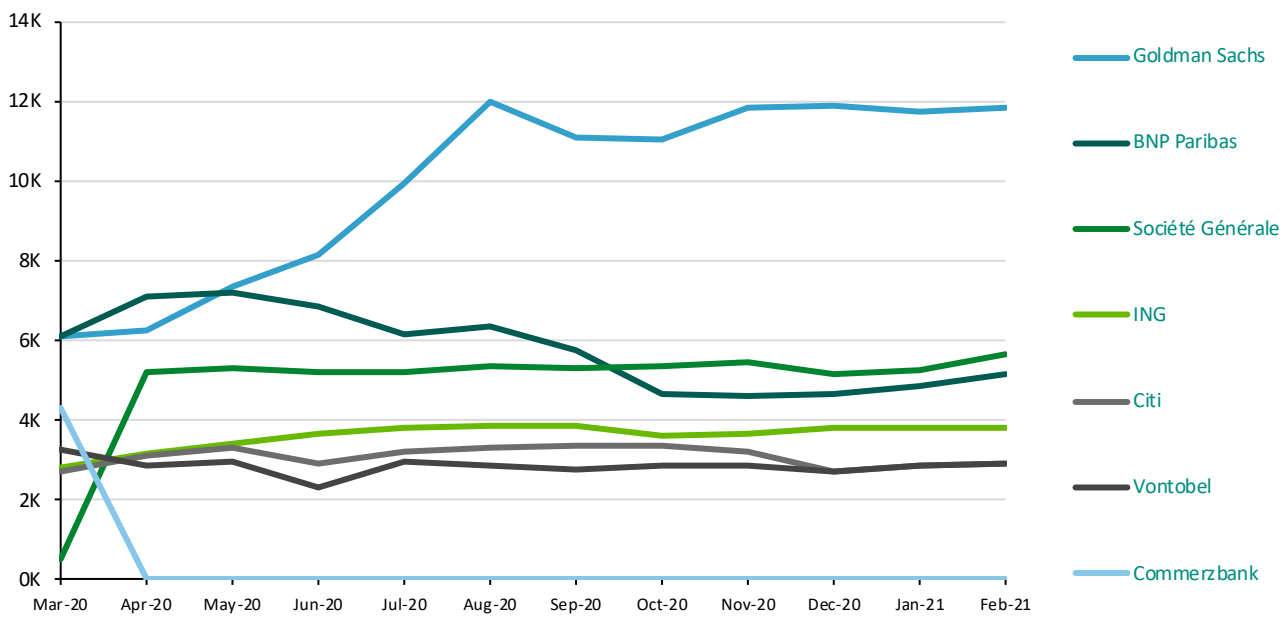
(Source Euronext)



# ISSUERS

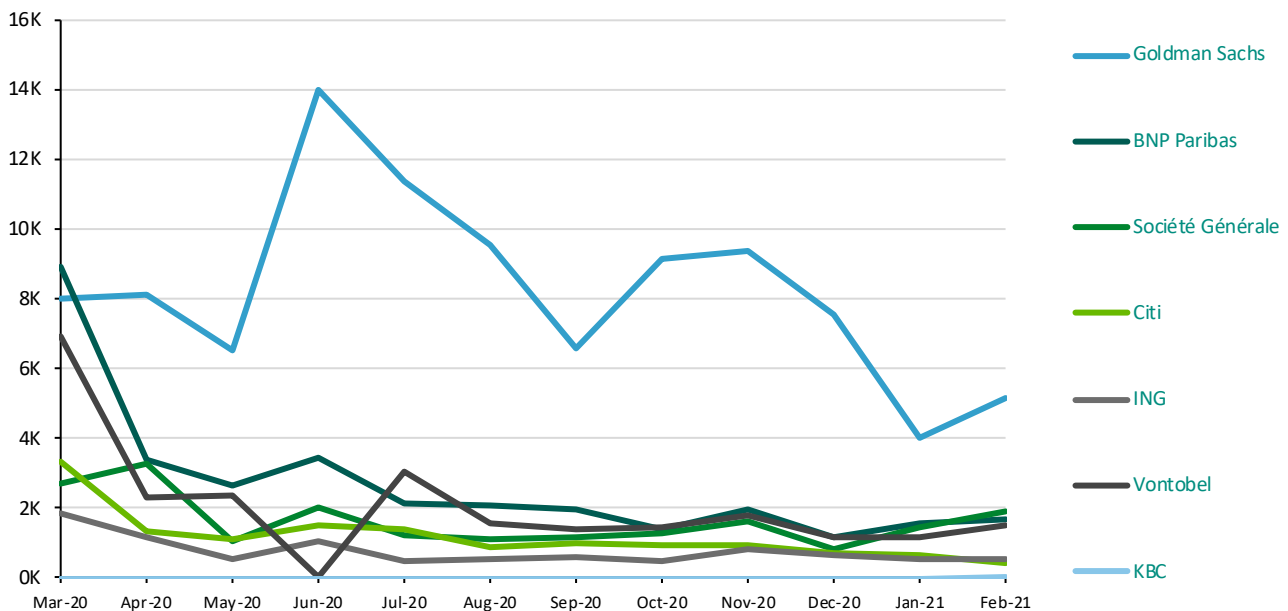
## Product Trend: Number of Live Products

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)

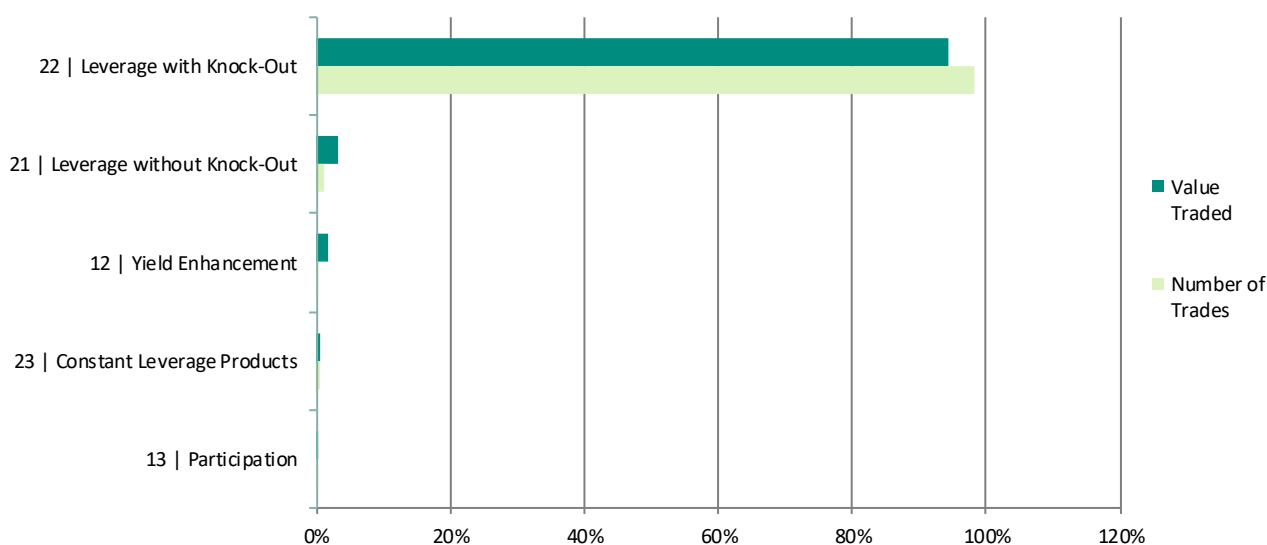
## Market Overview

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	24,528	9.1%	5.6%	94.5%	9,011	0.3%	5.6%	98.2%
21   Leverage without Knock-Out	810	159%	-40%	3.1%	94	85.5%	-39.7%	1.0%
12   Yield Enhancement	435	95%	170%	1.7%	18	26.0%	21.1%	0.2%
23   Constant Leverage Products	152	150%	-53%	0.6%	50	37.3%	-56.4%	0.5%
13   Participation	34	50%	47%	0.1%	6.4	58.0%	50.8%	0.1%
<b>Total</b>	<b>25,958</b>	<b>12.4%</b>	<b>3.5%</b>	<b>100%</b>	<b>9,179</b>	<b>1.0%</b>	<b>4.0%</b>	<b>100%</b>

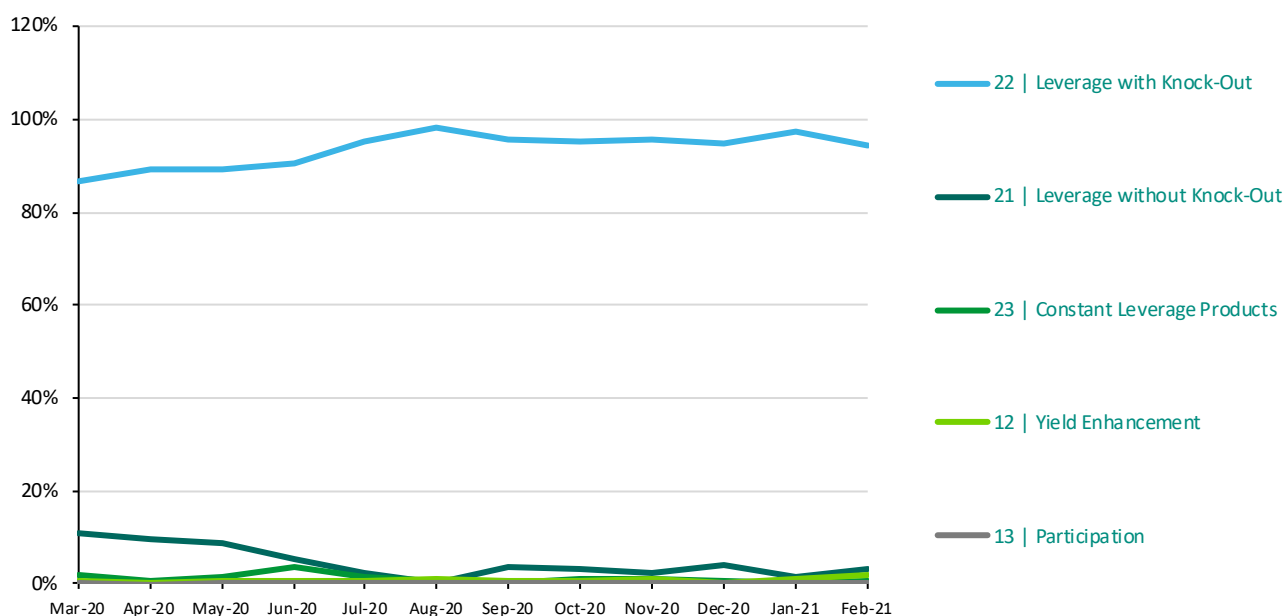
(Source Euronext)



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

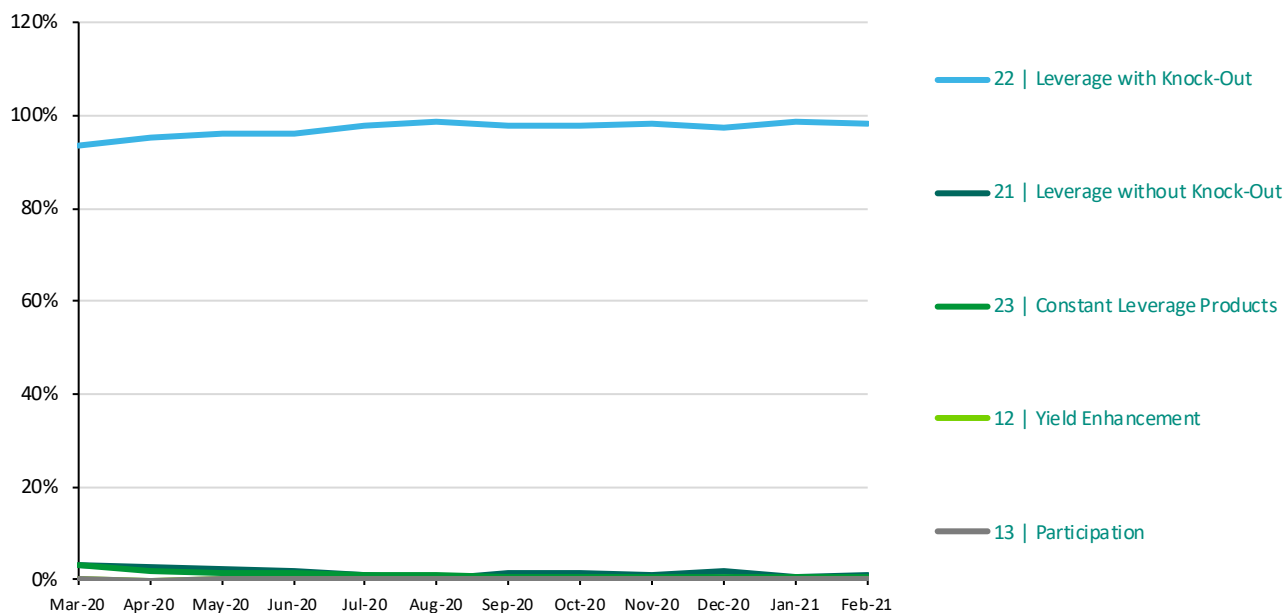
## Market Trend: Value traded

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)

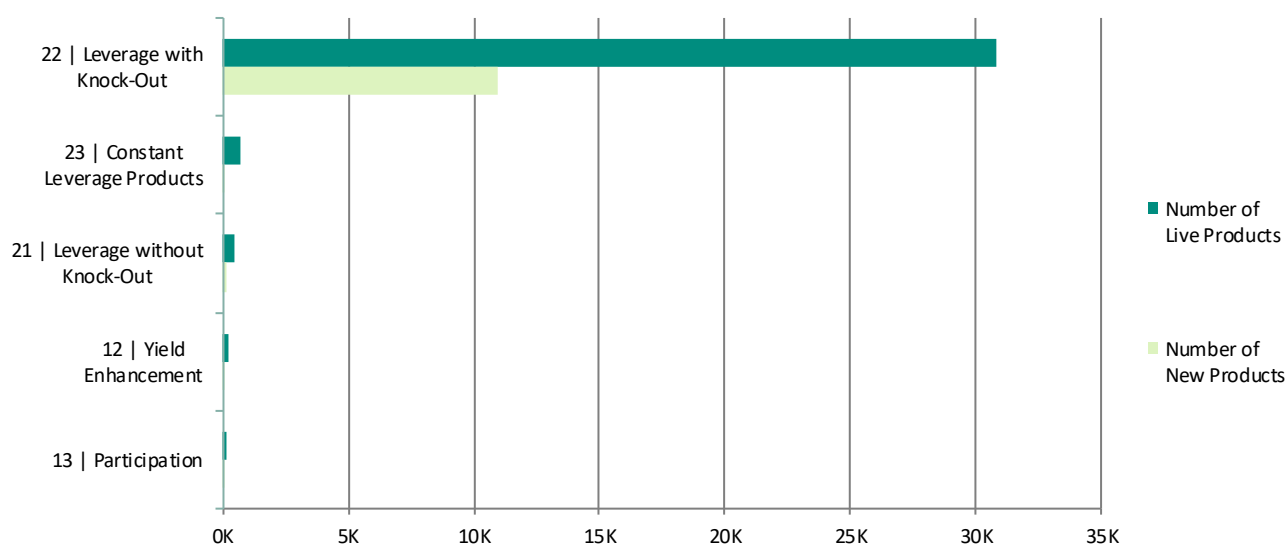
## Product Overview

The table below displays the daily 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 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	30,870	2.6%	6.5%	95.4%	10,975	18.2%	-34%	98.1%
23   Constant Leverage Products	685	2.3%	-8.9%	2.1%	53	17.8%	-58%	0.5%
21   Leverage without Knock-Out	438	14.6%	13.5%	1.4%	114	100%	64%	1.0%
12   Yield Enhancement	221	-0.7%	-34%	0.7%	35	30%	-36%	0.3%
13   Participation	129	7.0%	-4.0%	0.4%	15		27%	0.1%
<b>Total</b>	<b>32,343</b>	<b>2.7%</b>	<b>5.7%</b>	<b>100%</b>	<b>11,192</b>	<b>18.9%</b>	<b>-33.5%</b>	<b>100%</b>

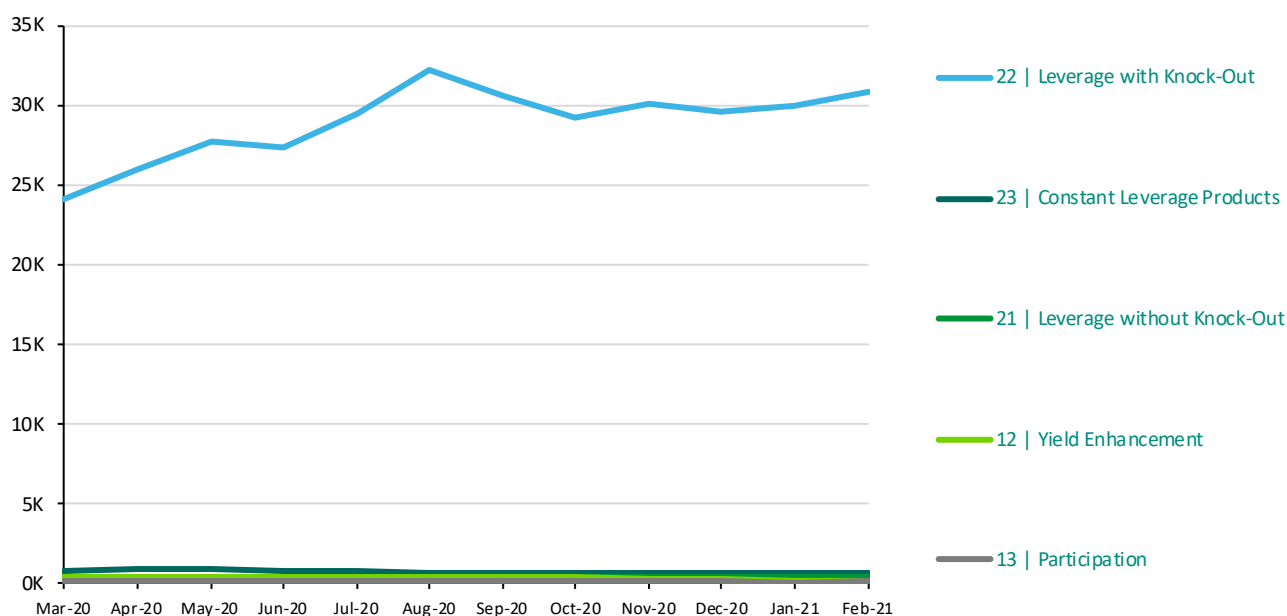
(Source Euronext)



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

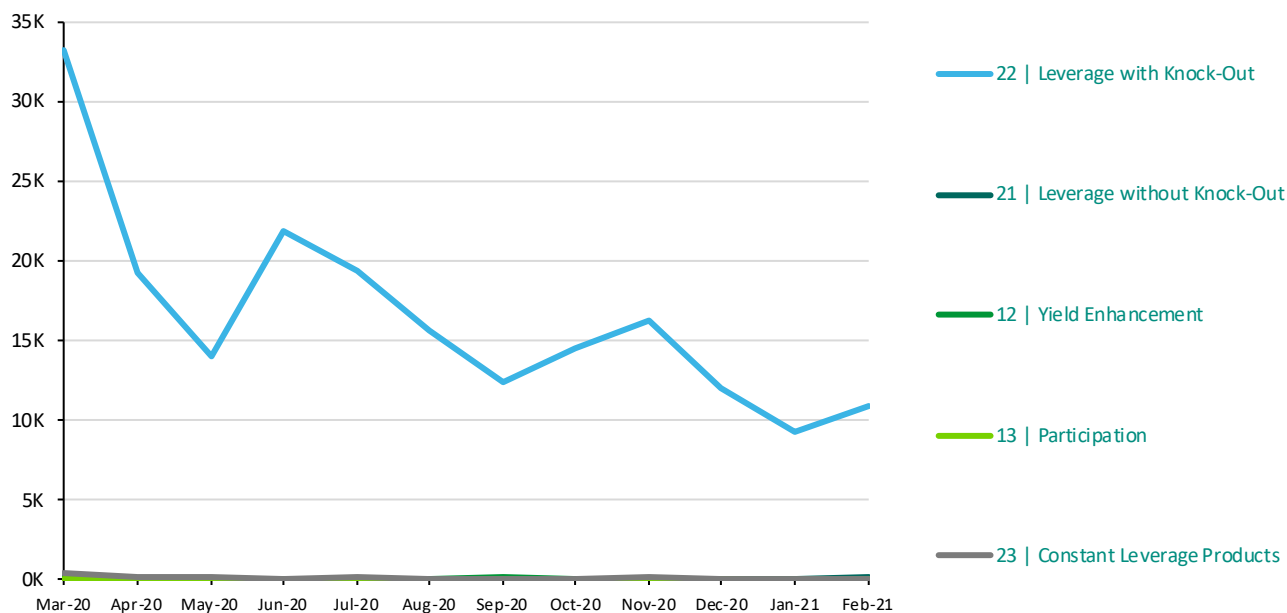
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each product type on 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)

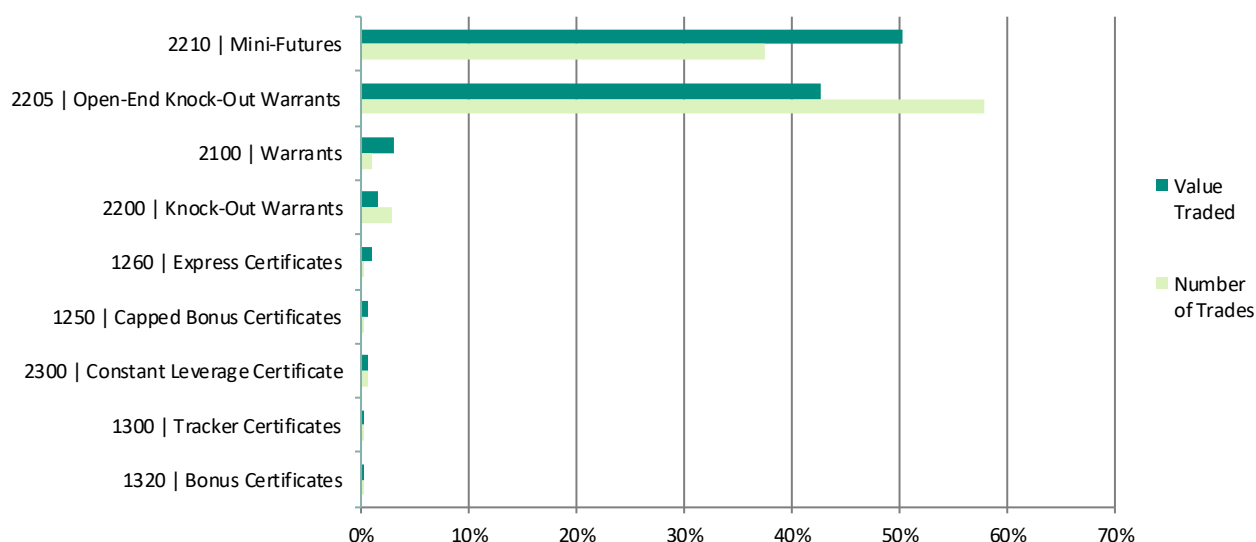
## Market Overview

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	13,075	10.8%	9.4%	50.4%	3,440	-1.5%	7.2%	37.5%
2205   Open-End Knock-Out Warrants	11,069	6.8%	2.7%	42.6%	5,311	1.5%	6.5%	57.9%
2100   Warrants	810	159%	-40%	3.1%	94	86%	-40%	1.0%
2200   Knock-Out Warrants	384	19.5%	-22%	1.5%	261	0.3%	-24%	2.8%
1260   Express Certificates	258		NA	1.0%	1.7		NA	0.0%
1250   Capped Bonus Certificates	177	-20%	26%	0.7%	17	14.2%	10.8%	0.2%
2300   Constant Leverage Certificate	152	150%	-53%	0.6%	50	37%	-56%	0.5%
1300   Tracker Certificates	27	29%	58%	0.1%	4.7	45%	63%	0.1%
1320   Bonus Certificates	7	328%	17.6%	0.0%	1.7	113%	26%	0.0%
<b>Total</b>	<b>25,958</b>	<b>12.4%</b>	<b>3.5%</b>	<b>100%</b>	<b>9,179</b>	<b>1.0%</b>	<b>4.0%</b>	<b>100%</b>

(Source Euronext)

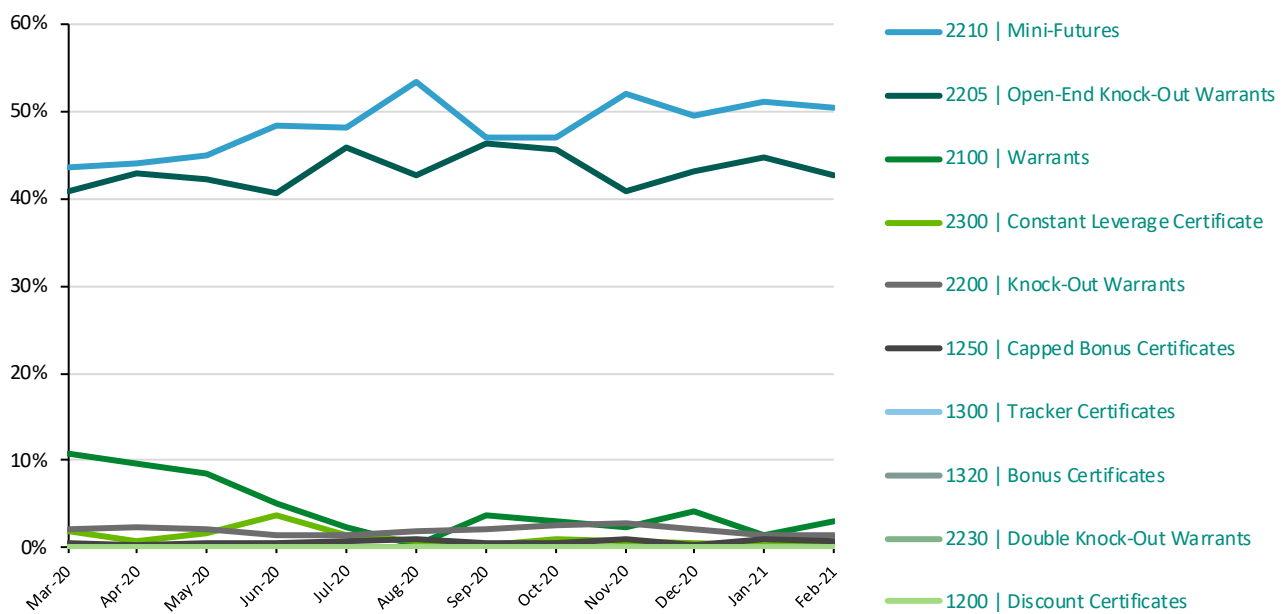




# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 3)

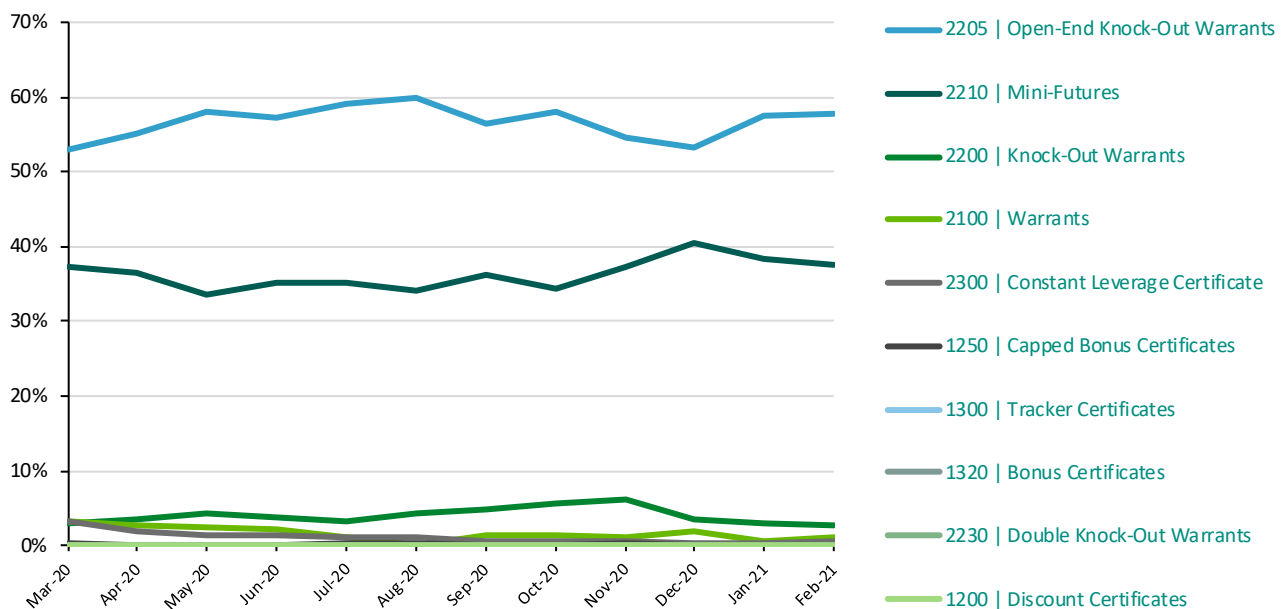
## Market Trend: Value traded

The historical graph below displays the weight of the value traded for each product type over the total value traded on 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)

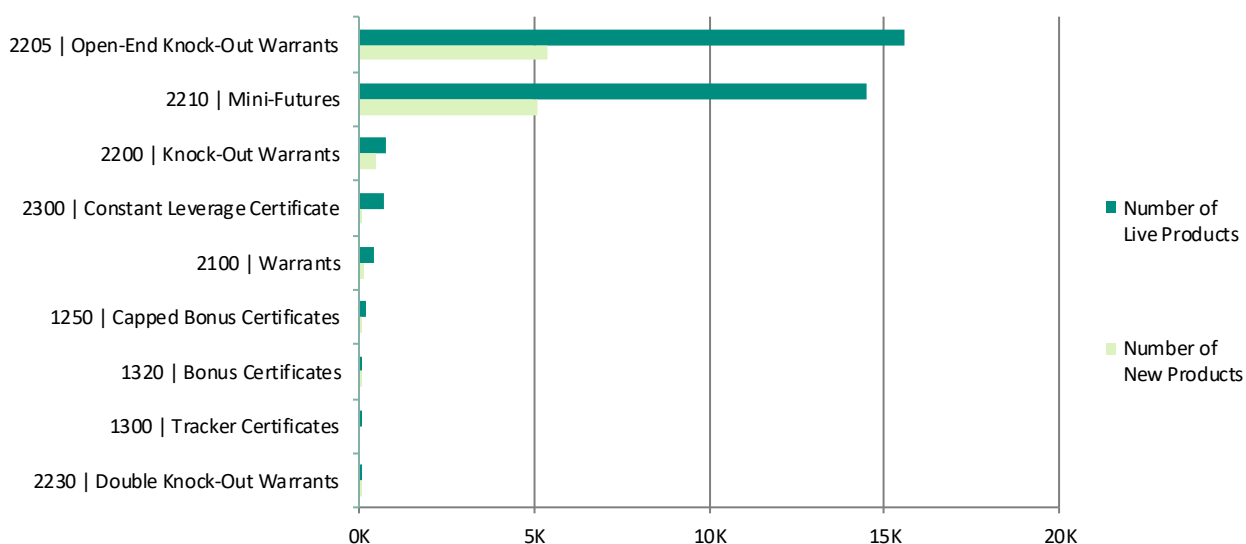
## Product Overview

The table below displays the daily 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 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	15,571	2.7%	7.6%	48.1%	5,406	16.4%	-33%	48.3%
2210   Mini-Futures	14,525	2.0%	5.9%	44.9%	5,093	24%	-35%	45.5%
2200   Knock-Out Warrants	772	14.2%	-2.2%	2.4%	468	-10.3%	-25%	4.2%
2300   Constant Leverage Certificate	685	2.3%	-8.9%	2.1%	53	17.8%	-58%	0.5%
2100   Warrants	438	14.6%	13.5%	1.4%	114	100%	64%	1.0%
1250   Capped Bonus Certificates	220	-1.3%	-33%	0.7%	33	22%	-39%	0.3%
1320   Bonus Certificates	74	14.3%	-5.6%	0.2%	15		27%	0.1%
1300   Tracker Certificates	54	-1.5%	-1.8%	0.2%	0			0.0%
2230   Double Knock-Out Warrants	2	14.3%	540%	0.0%	8		773%	0.1%
<b>Total</b>	<b>32,343</b>	<b>2.7%</b>	<b>5.7%</b>	<b>100%</b>	<b>11,192</b>	<b>18.9%</b>	<b>-34%</b>	<b>100%</b>

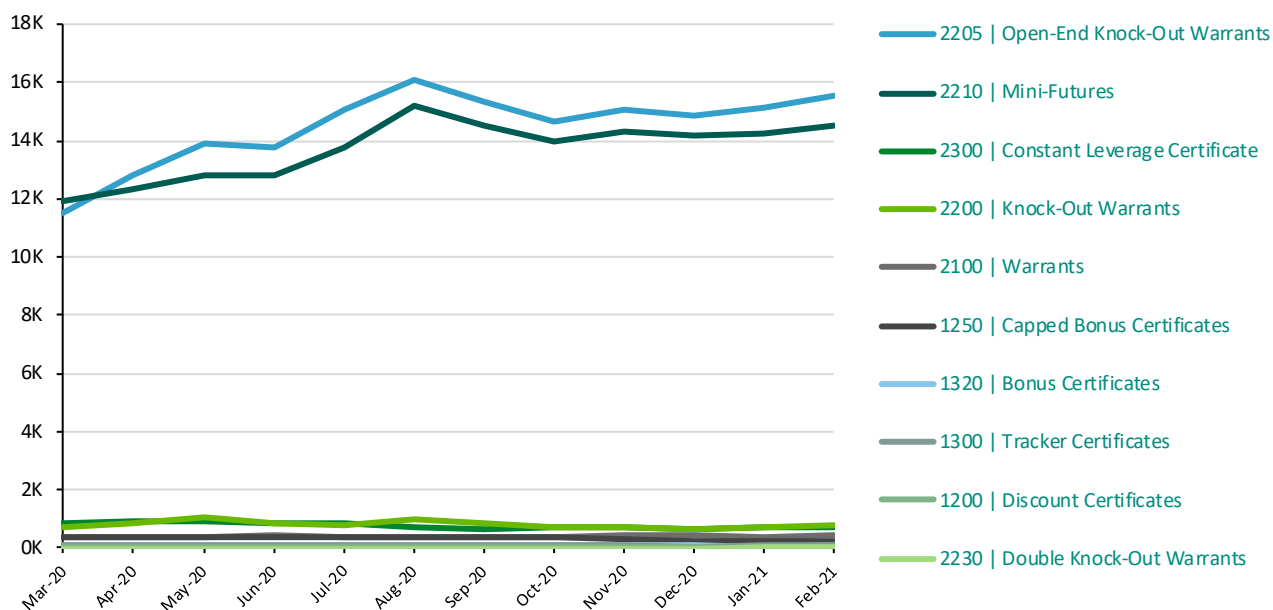
(Source Euronext)



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

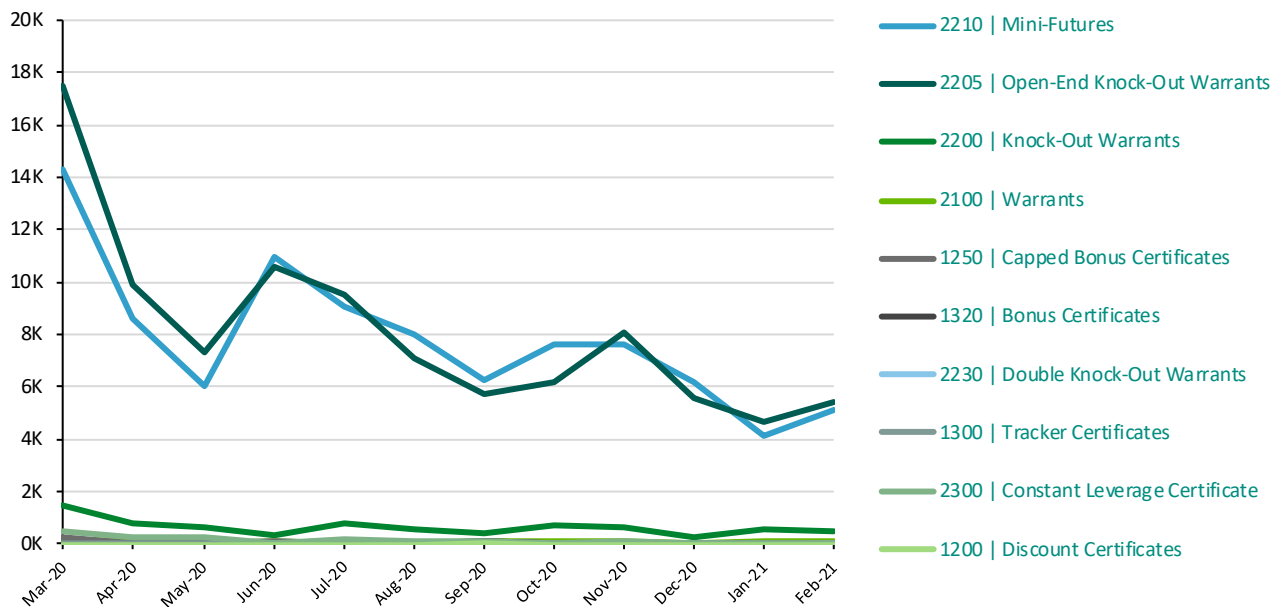
## Product Trend: Number of Live Products

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

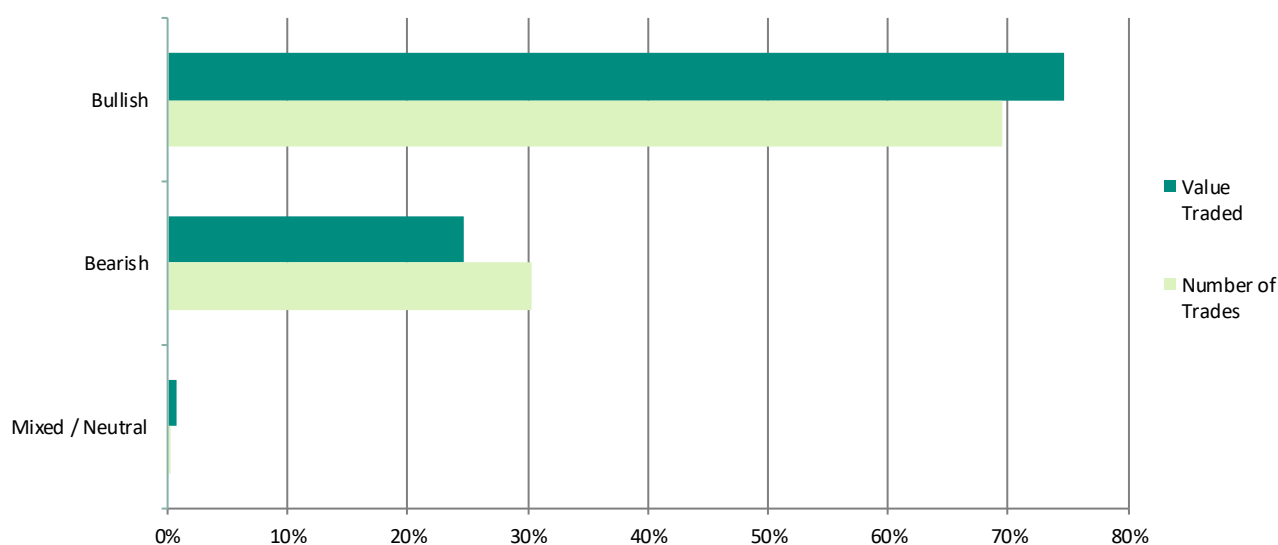
## Market Overview

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	19,378	17.3%	17.9%	74.7%	6,382	5.2%	17.7%	69.5%
Bearish	6,403	0.8%	-25%	24.7%	2,781	-7.7%	-17.9%	30.3%
Mixed / Neutral	177	-20%	26%	0.7%	17	14.2%	10.8%	0.2%
Total	25,958	12.4%	3.5%	100%	9,179	1.0%	4.0%	100%

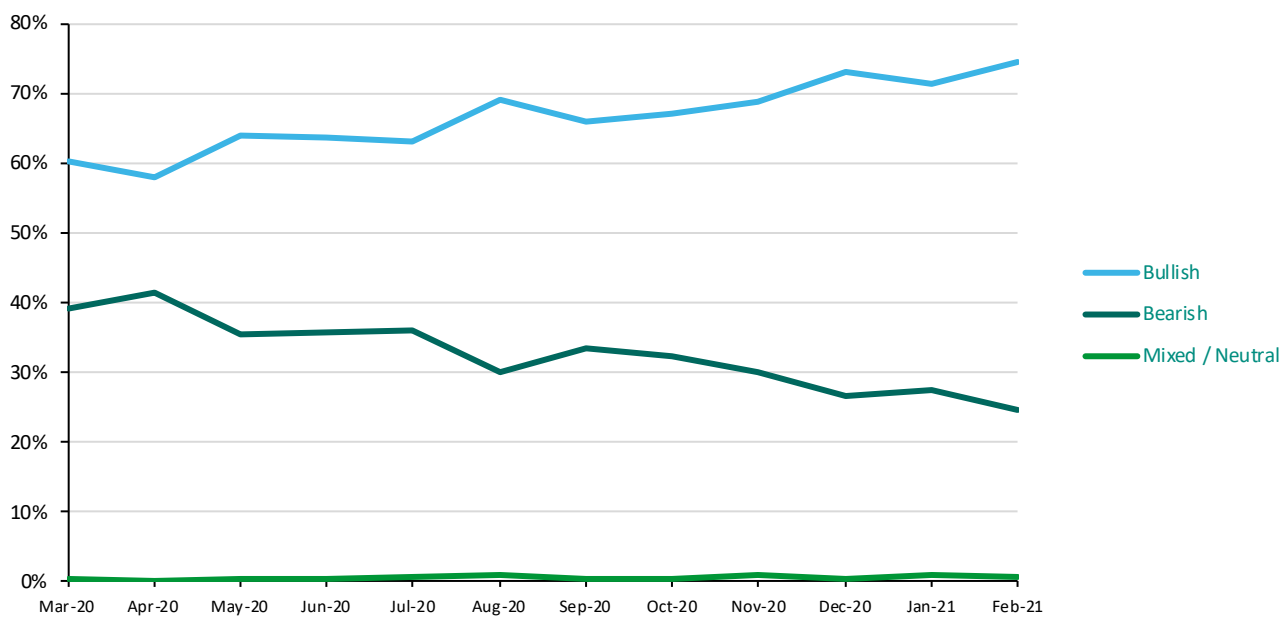
(Source Euronext)



# PRODUCT STRATEGIES

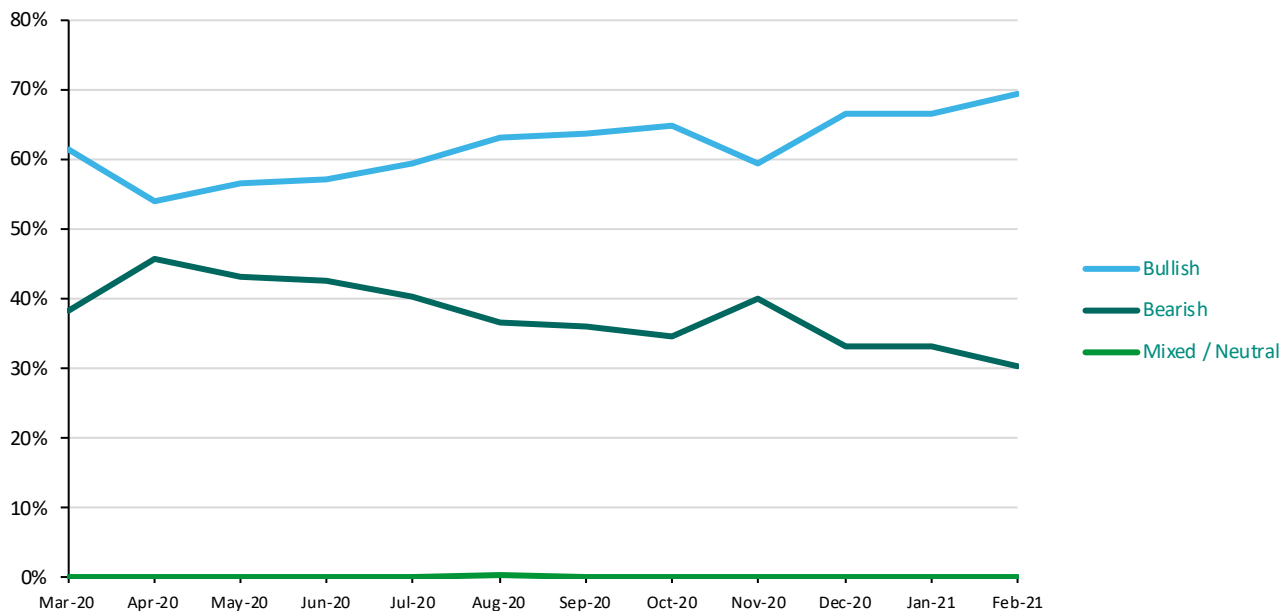
## Market Trend: Value traded

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

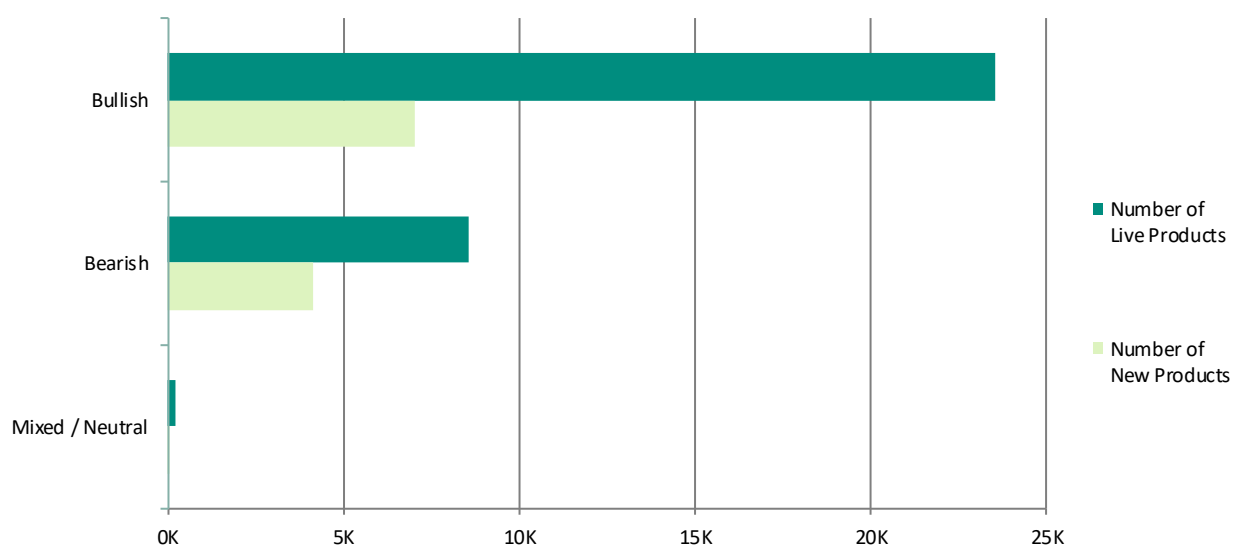
## Product Overview

The table below displays the daily 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 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	23,554	2.8%	19.1%	72.8%	7,001	33%	-28%	62.6%
Bearish	8,567	2.8%	-18.3%	26.5%	4,150	0.8%	-41%	37.1%
Mixed / Neutral	222	-1.1%	-34%	0.7%	41	52%	-26%	0.4%
Total	32,343	2.7%	5.7%	100%	11,192	18.9%	-33.5%	100%

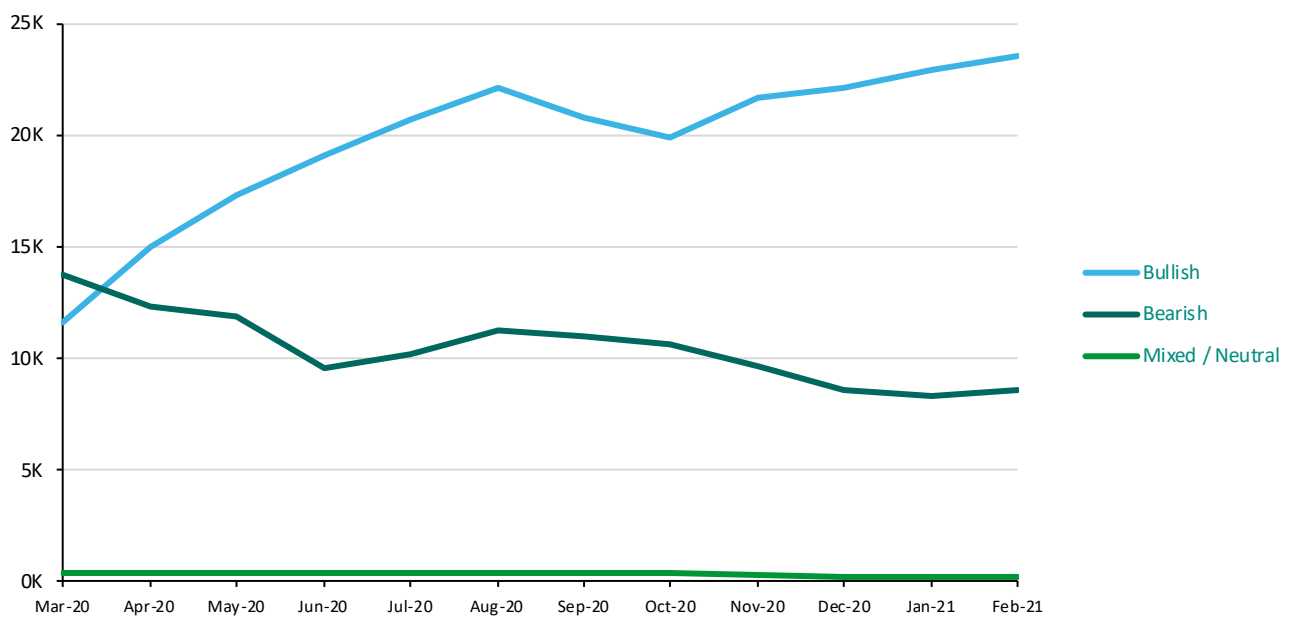
(Source Euronext)



# PRODUCT STRATEGIES

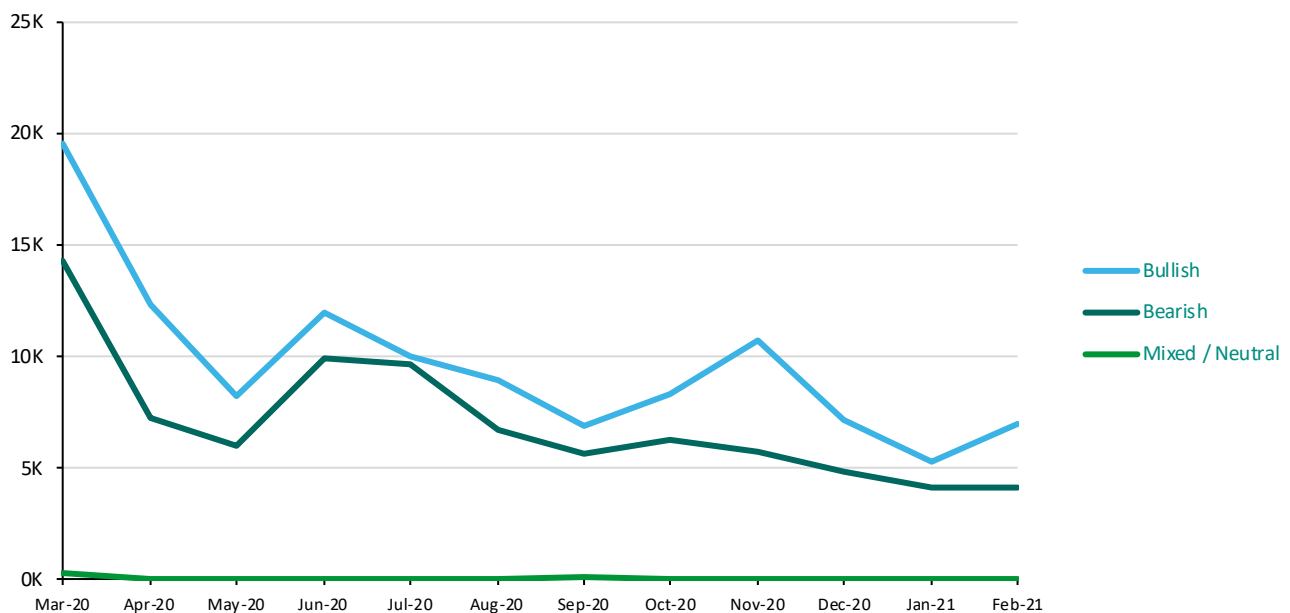
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each product type on 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

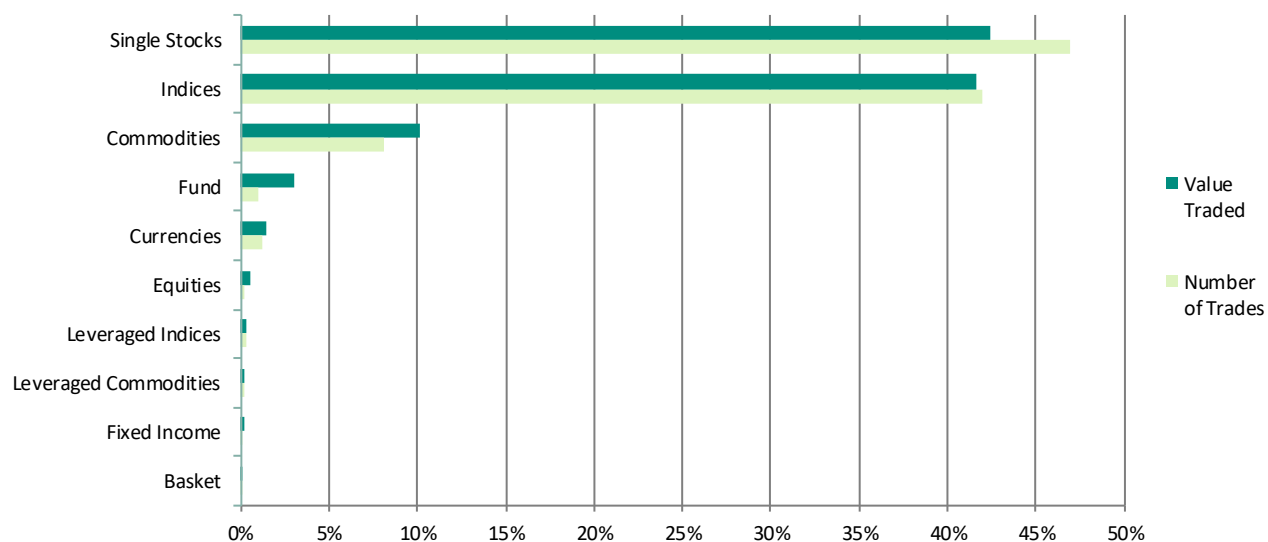
### Market Overview

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	11,019	2.5%	42%	42.4%	4,311	2.0%	25.4%	47.0%
Indices	10,797	16.5%	-9.1%	41.6%	3,848	-3.6%	-9.2%	41.9%
Commodities	2,641	19.5%	-23%	10.2%	742	21.0%	-2.8%	8.1%
Fund	791	167%	-41%	3.0%	86	101.1%	-42.4%	0.9%
Currencies	376	5.1%	15.5%	1.4%	115	-22.7%	-5.8%	1.2%
Equities	133	14.3%	322%	0.5%	20	-28.1%	147.6%	0.2%
Leveraged Indices	89	154%	-60%	0.3%	28	40.2%	-56.5%	0.3%
Leveraged Commodities	59	203%	-23%	0.2%	18	44.9%	-42.9%	0.2%
Fixed Income	37	32%	38%	0.1%	9.9	36.8%	20.8%	0.1%
Basket	16	14.7%	60%	0.1%	2.3	55.2%	75.5%	0.0%
<b>Total</b>	<b>25,958</b>	<b>12.4%</b>	<b>3.5%</b>	<b>100%</b>	<b>9,179</b>	<b>1.0%</b>	<b>4.0%</b>	<b>100%</b>

(Source Euronext)

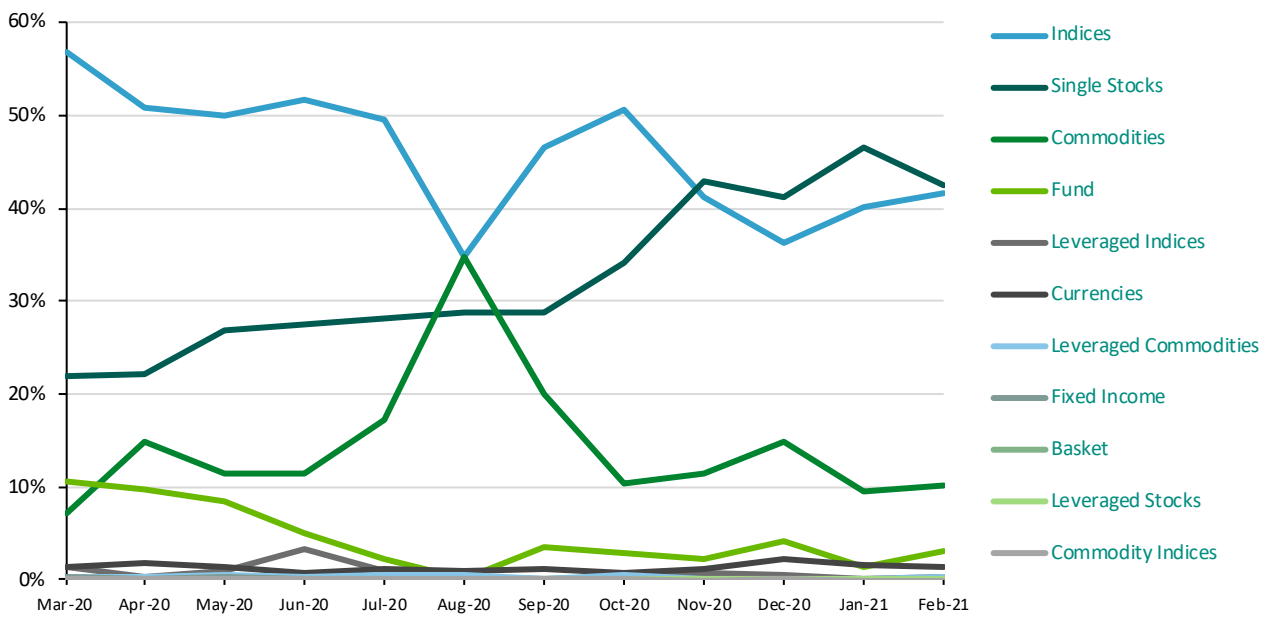




# UNDERLYING TYPES

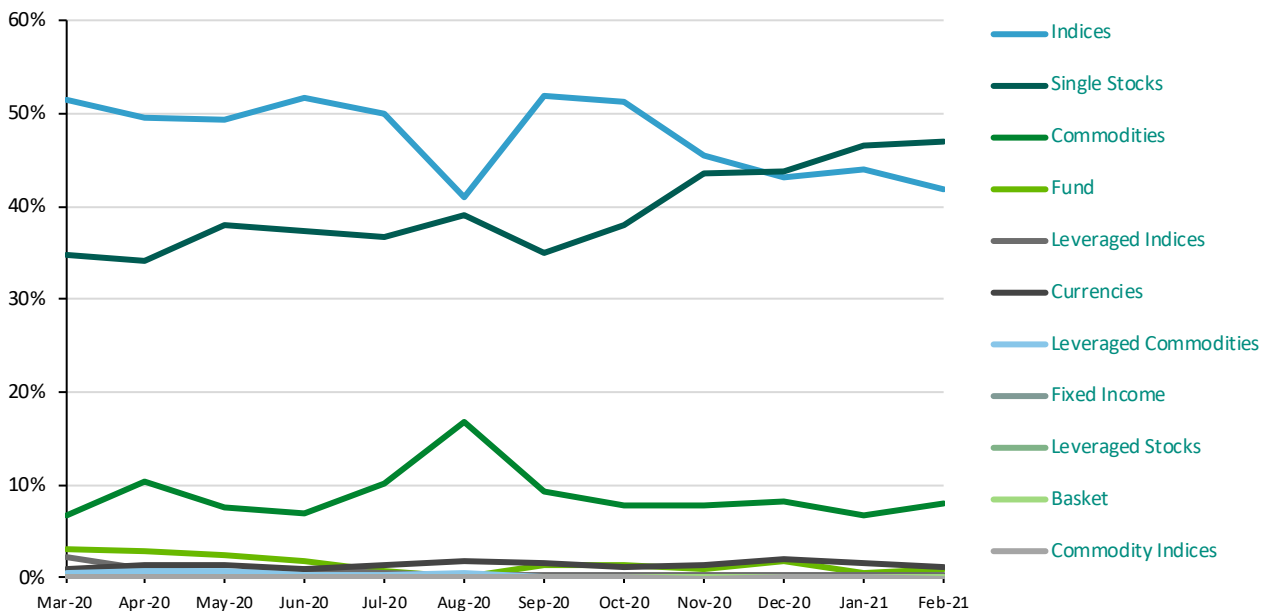
## Market Trend: Value traded

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

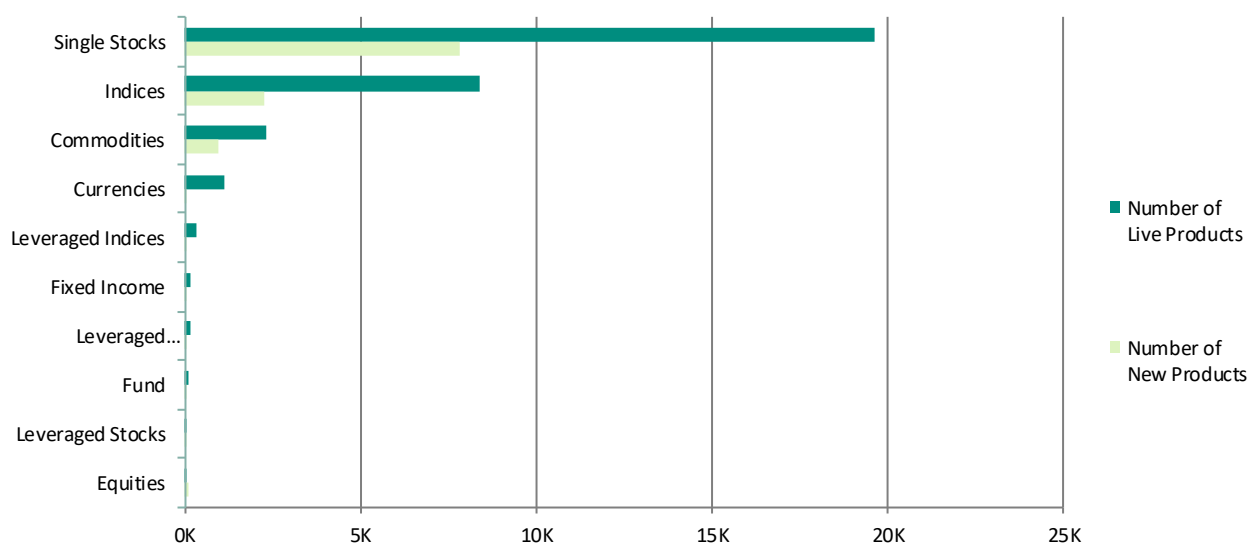
## Product Overview

The table below displays the daily 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 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	19,631	2.8%	7.6%	60.7%	7,835	27%	-33%	70.0%
Indices	8,384	4.4%	5.0%	25.9%	2,244	-1.6%	-37%	20.1%
Commodities	2,306	0.4%	0.0%	7.1%	940	15.6%	-18.7%	8.4%
Currencies	1,115	-4.1%	3.4%	3.4%	49	-36%	-80%	0.4%
Leveraged Indices	303	-0.3%	-16.8%	0.9%	8	-33%	-82%	0.1%
Fixed Income	178	-4.0%	-9.4%	0.6%	7	250%	-50%	0.1%
Leveraged Commodities	163	0.3%	-19.3%	0.5%	28	75%	-47%	0.3%
Fund	124	2.4%	10.7%	0.4%	2	-33%	-20.0%	0.0%
Leveraged Stocks	64	4.5%	-6.9%	0.2%	5	-55%	-70%	0.0%
Equities	61	29%	172%	0.2%	74	76%	178%	0.7%
<b>Total</b>	<b>32,343</b>	<b>2.7%</b>	<b>5.7%</b>	<b>100%</b>	<b>11,192</b>	<b>18.9%</b>	<b>-33.5%</b>	<b>100%</b>

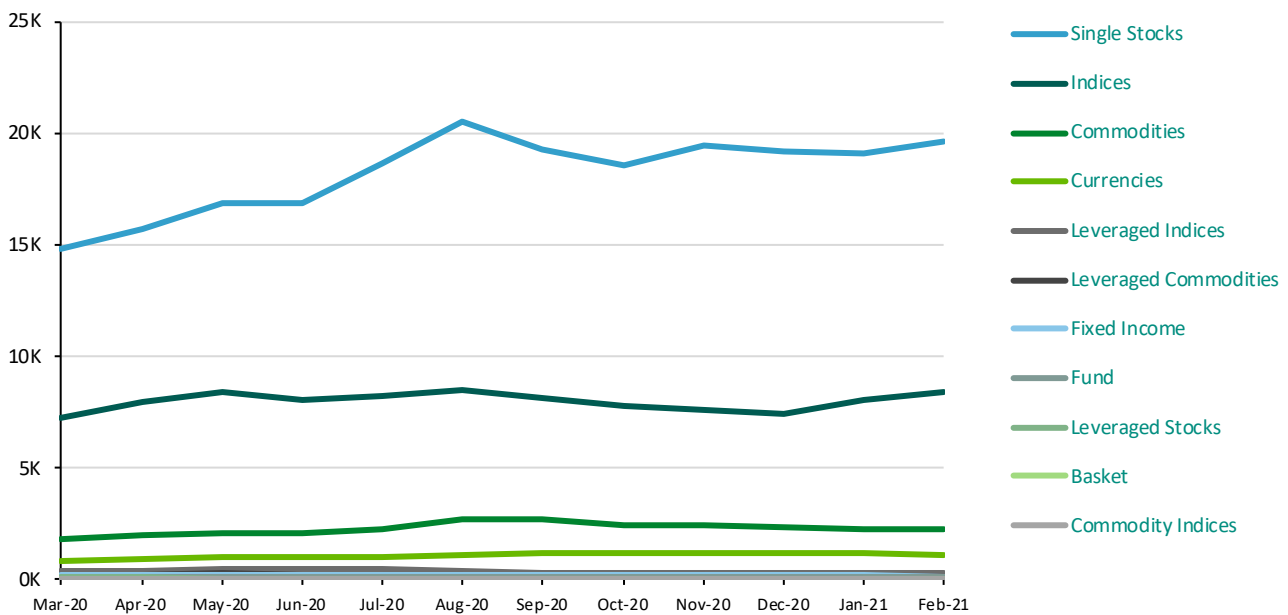
(Source Euronext)



# UNDERLYING TYPES

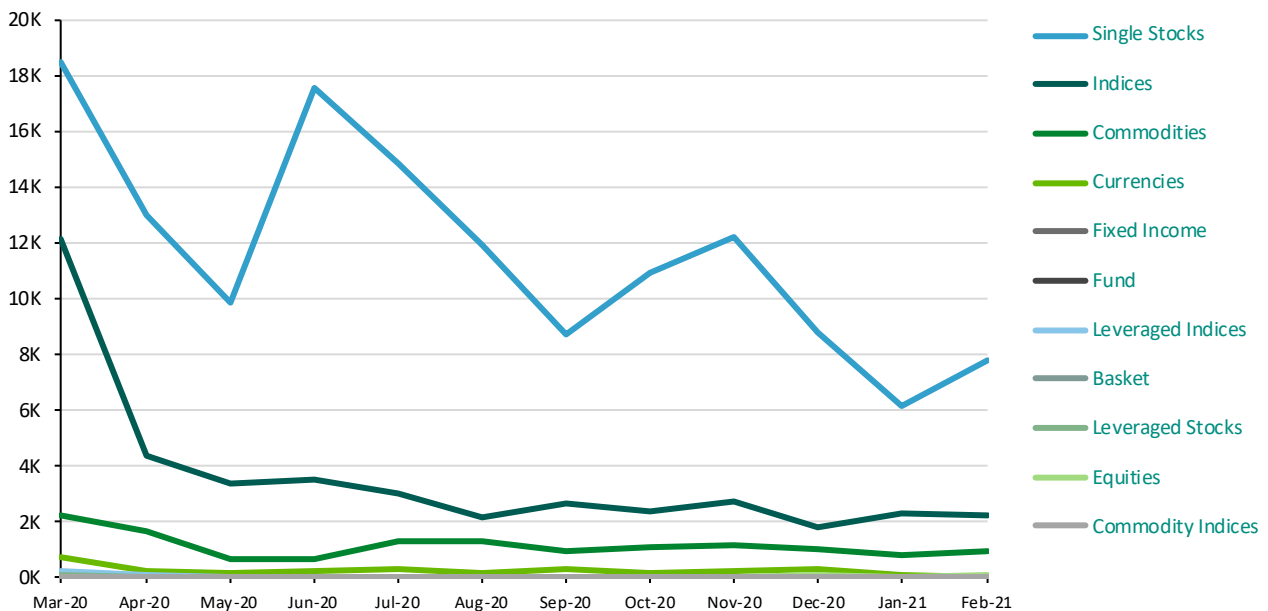
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each underlying type on 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

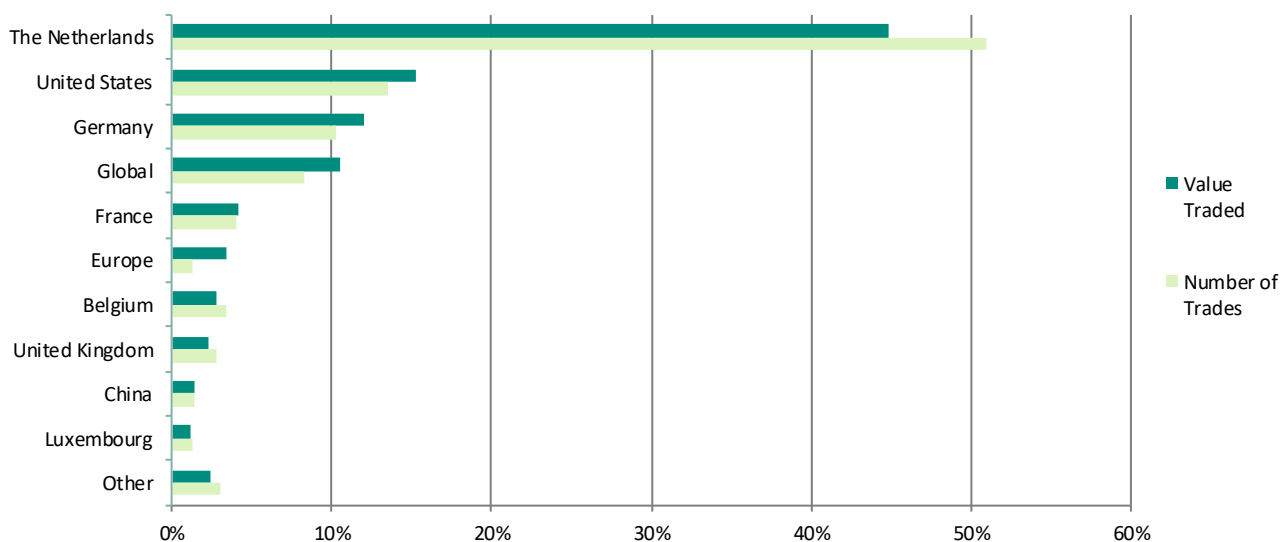
## Market Overview

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	11,655	5.2%	6.8%	44.9%	4,681	2.1%	2.8%	51.0%
United States	3,957	-0.2%	-1.3%	15.2%	1,240	-11.1%	-3.6%	13.5%
Germany	3,121	45%	41%	12.0%	938	-11.4%	13.9%	10.2%
Global	2,742	21%	-19.1%	10.6%	754	19.6%	0.6%	8.2%
France	1,069	21%	25%	4.1%	367	1.4%	9.0%	4.0%
Europe	868	94%	-45%	3.3%	117	39%	-44%	1.3%
Belgium	707	3.9%	-37%	2.7%	309	7.7%	-32%	3.4%
United Kingdom	574	19.6%	85%	2.2%	248	60%	134%	2.7%
China	348	-11.0%	134%	1.3%	132	-13.5%	135%	1.4%
Luxembourg	283	14.1%	24%	1.1%	120	-18.8%	0.2%	1.3%
Other	634	25%	96%	2.4%	273	15.7%	112%	3.0%
<b>Total</b>	<b>25,958</b>	<b>12.4%</b>	<b>3.5%</b>	<b>100%</b>	<b>9,179</b>	<b>1.0%</b>	<b>4.0%</b>	<b>100%</b>

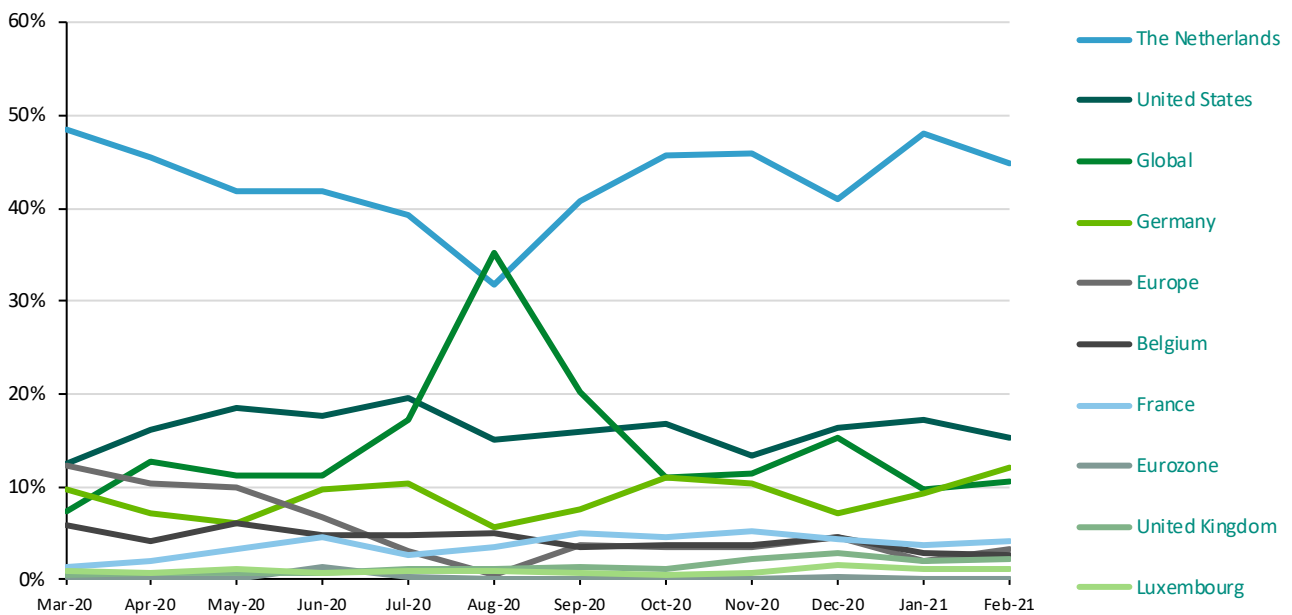
(Source Euronext)



# TOP 10 UNDERLYING COUNTRIES

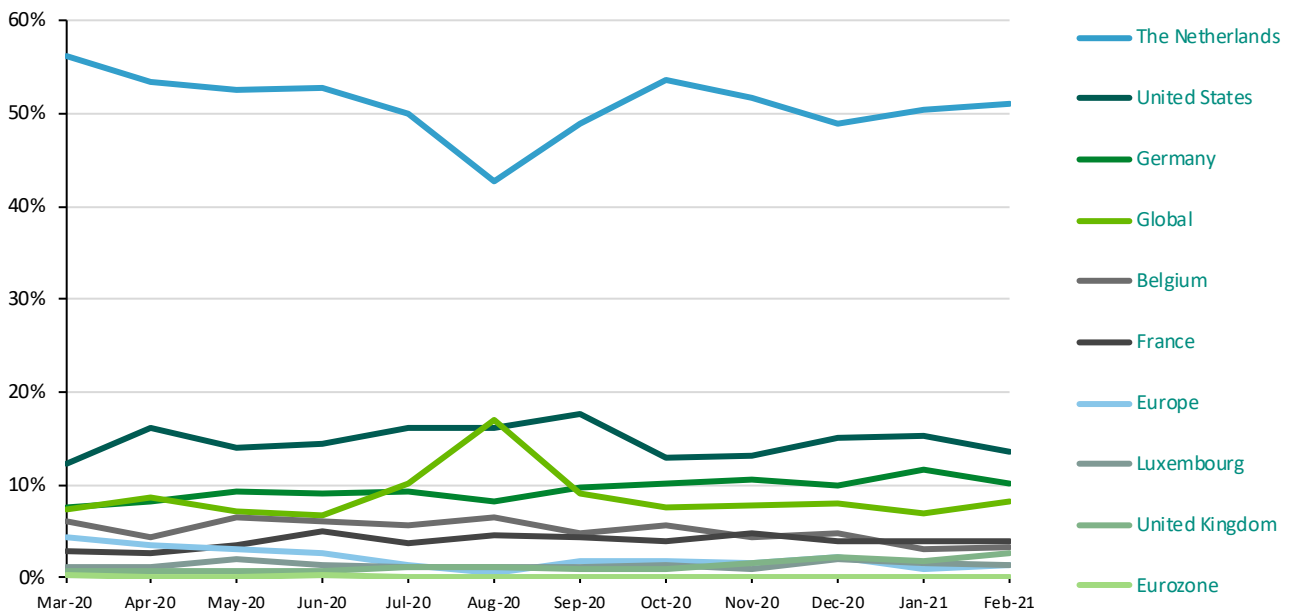
## Market Trend: Value traded

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

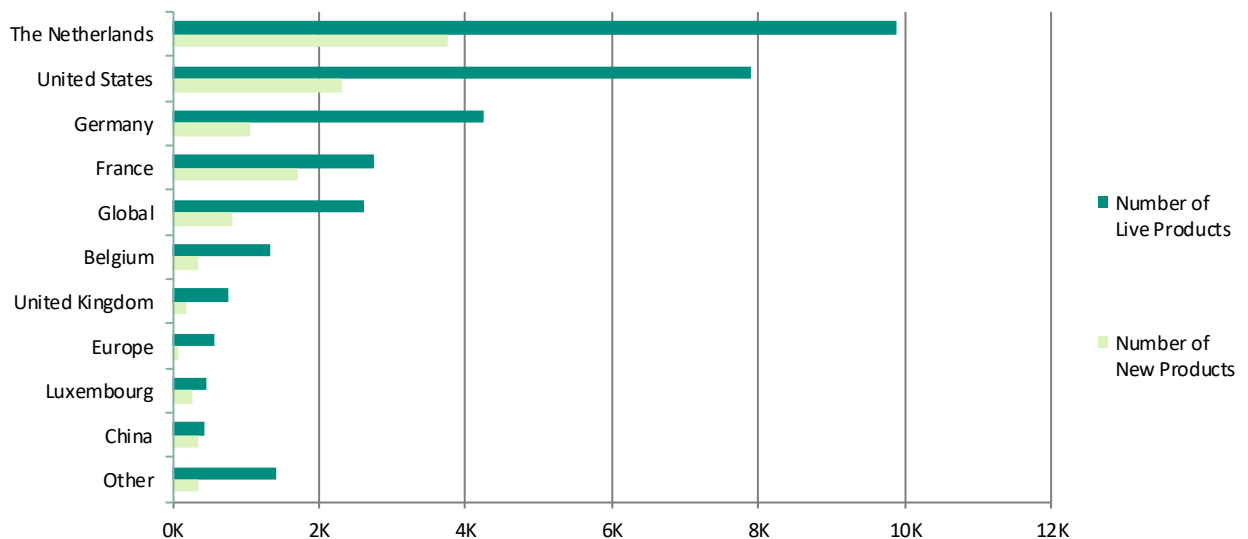
## Product Overview

The table below displays the daily 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 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	9,894	6.4%	5.1%	30.6%	3,764	14.9%	-14.5%	33.6%
United States	7,907	1.8%	11.3%	24.4%	2,298	9.3%	-49%	20.5%
Germany	4,257	-4.4%	5.3%	13.2%	1,046	-19.7%	-67%	9.3%
France	2,760	5.9%	8.3%	8.5%	1,698	65%	-1.4%	15.2%
Global	2,603	-0.9%	-2.0%	8.0%	822	7.2%	-28%	7.3%
Belgium	1,329	2.2%	-4.5%	4.1%	359	77%	-32%	3.2%
United Kingdom	753	2.4%	0.8%	2.3%	171	39%	-45%	1.5%
Europe	562	4.1%	7.0%	1.7%	76	81%	-45%	0.7%
Luxembourg	446	-3.9%	-17.4%	1.4%	272	38%	-21%	2.4%
China	418	27%	56%	1.3%	344	101%	185%	3.1%
Other	1,413	4.1%	4.2%	4.4%	342	74%	-17.7%	3.1%
<b>Total</b>	<b>32,343</b>	<b>2.7%</b>	<b>5.7%</b>	<b>100%</b>	<b>11,192</b>	<b>18.9%</b>	<b>-33.5%</b>	<b>100%</b>

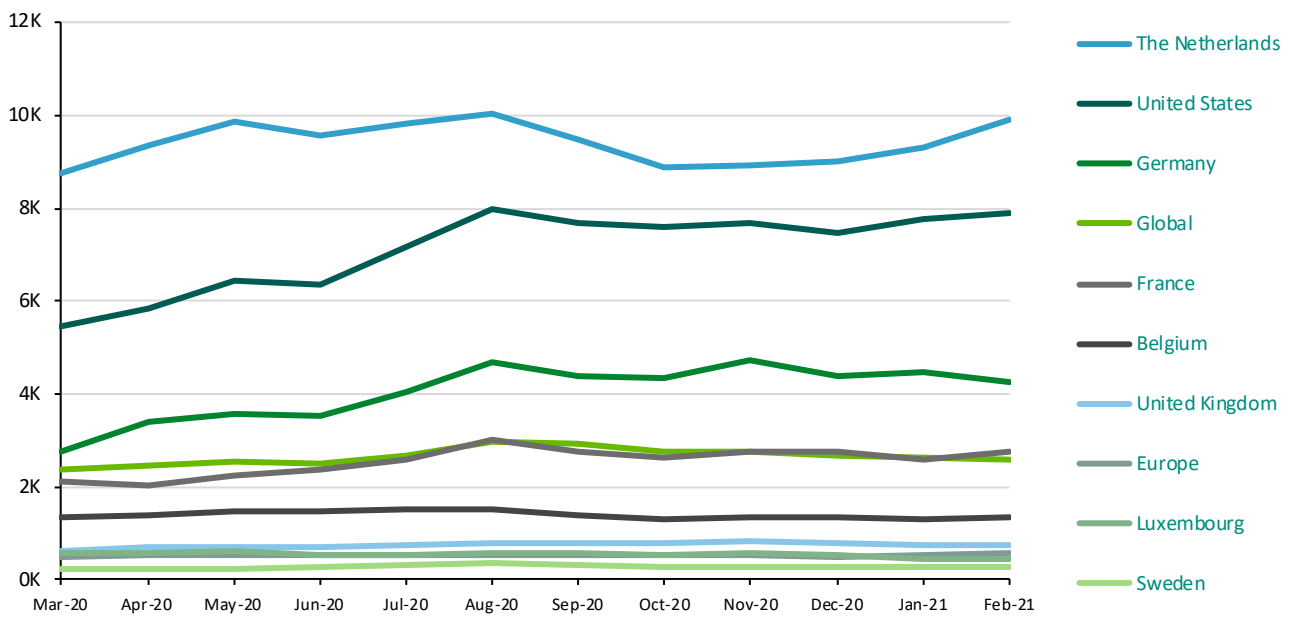
(Source Euronext)



# TOP 10 UNDERLYING COUNTRIES

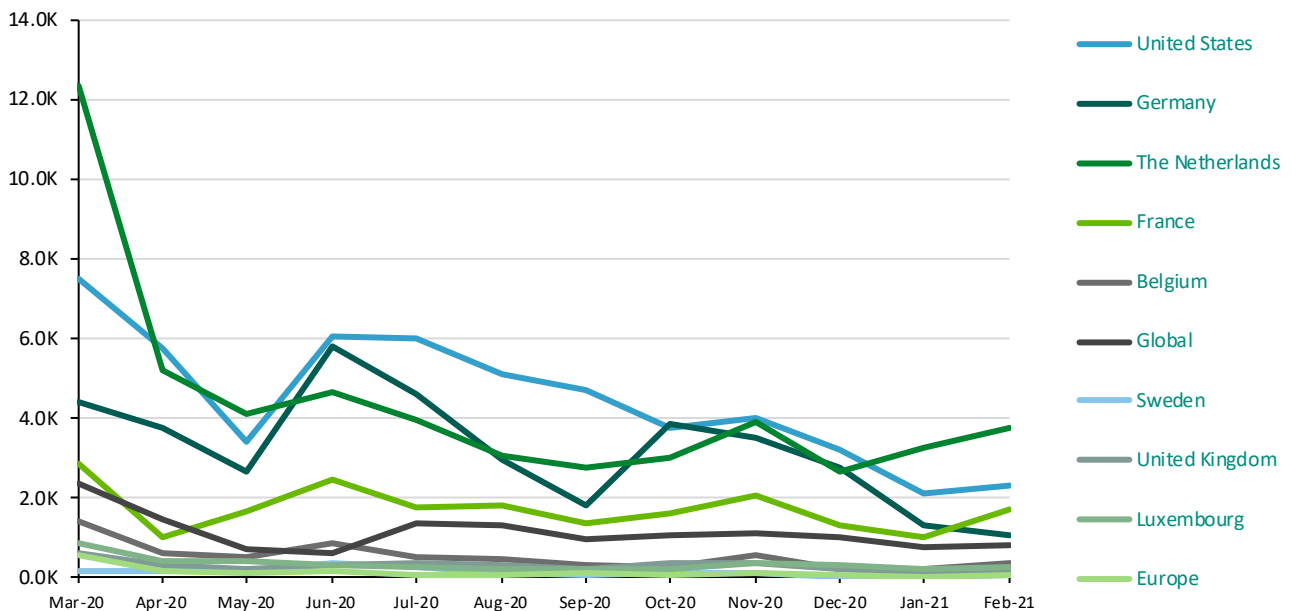
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each underlying country of origin on 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

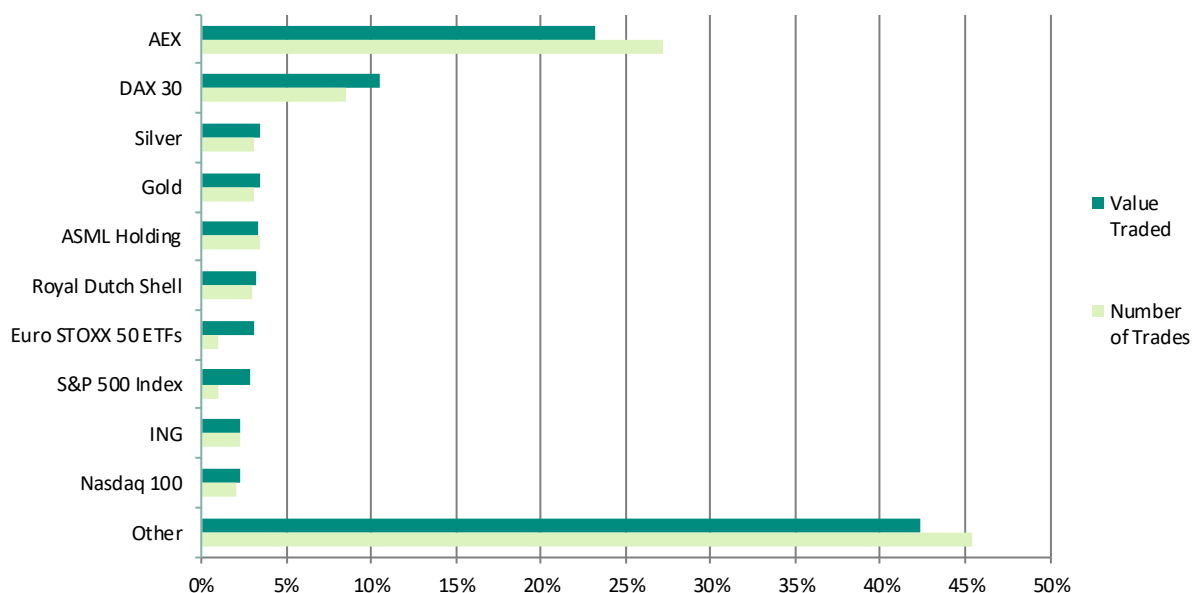
## Market Overview

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	6,015	4.2%	-16.6%	23.2%	2,492	2.3%	-9.3%	27.1%
DAX 30	2,733	59%	42%	10.5%	783	-14.4%	13.0%	8.5%
Silver	910	30%	12.4%	3.5%	284	32%	51%	3.1%
Gold	904	5.3%	-48%	3.5%	283	17.2%	-0.8%	3.1%
ASML Holding	874	6.3%	40%	3.4%	315	-7.7%	10.0%	3.4%
Royal Dutch Shell	822	36%	34%	3.2%	271	1.3%	-5.9%	3.0%
Euro STOXX 50 ETFs	791	167%	-41%	3.0%	86	101%	-42%	0.9%
S&P 500 Index	731	106%	6.2%	2.8%	95	-11.7%	-41%	1.0%
ING	592	25%	41%	2.3%	212	-8.9%	-3.0%	2.3%
Nasdaq 100	588	-11.5%	-18.3%	2.3%	185	-17.5%	-21%	2.0%
Other	10,997	1.6%	22%	42.4%	4,172	2.5%	16.8%	45.5%
Total	25,958	12.4%	3.5%	100%	9,179	1.0%	4.0%	100%

(Source Euronext)

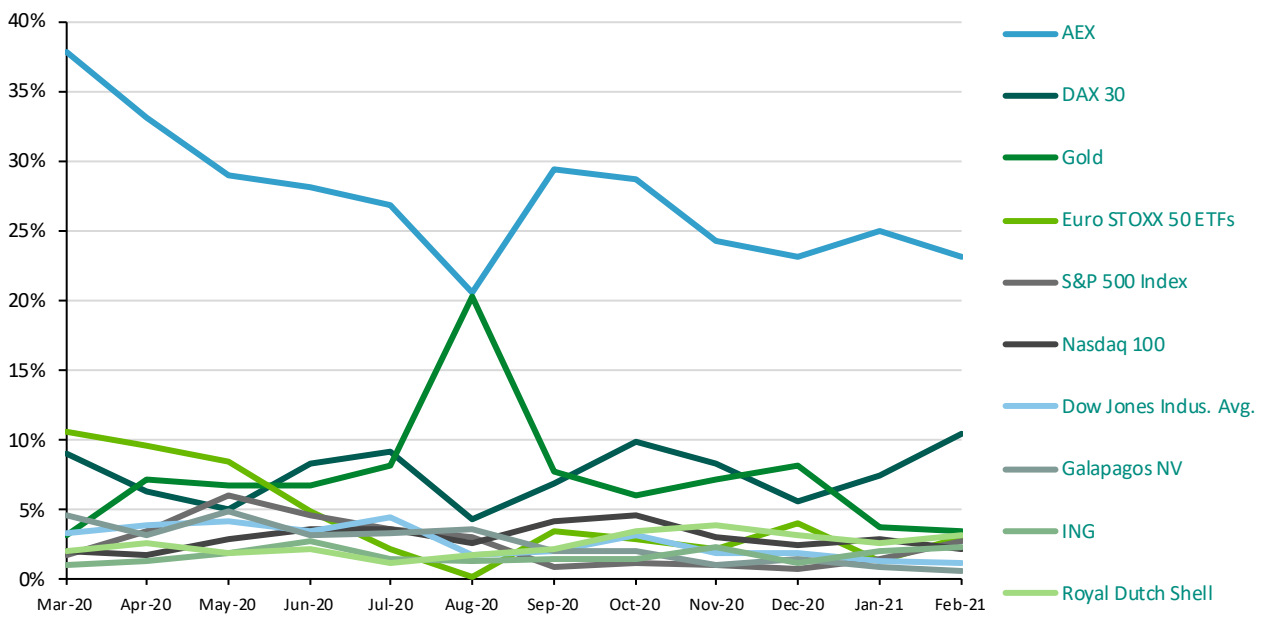




# TOP 10 UNDERLYINGS

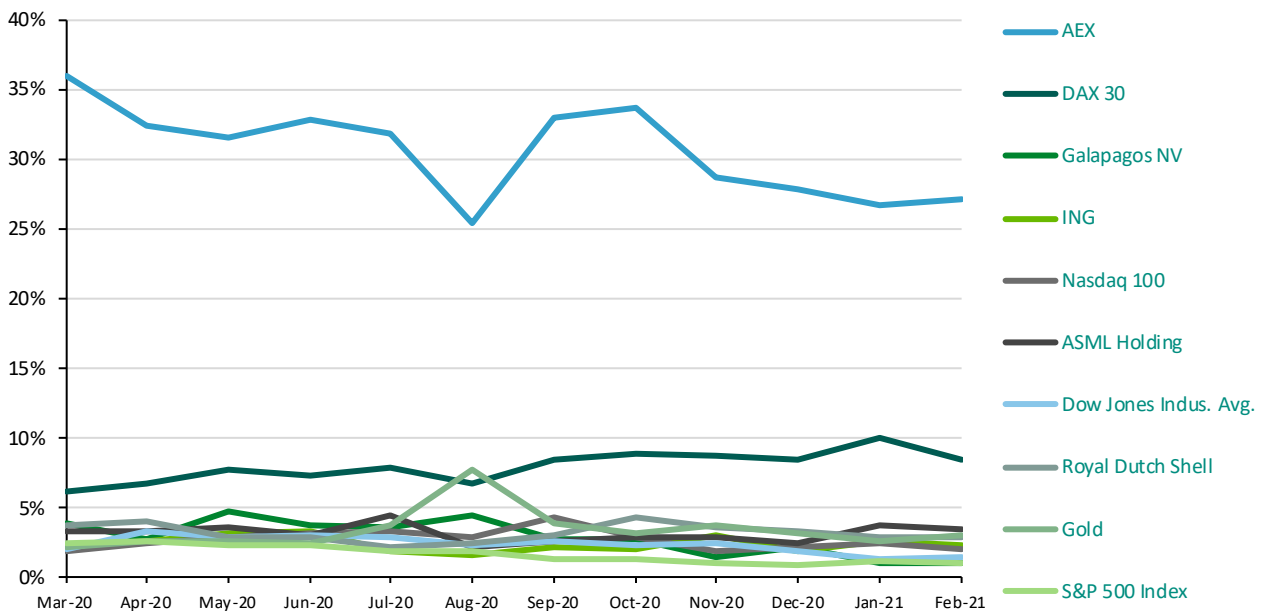
## Market Trend: Value traded

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

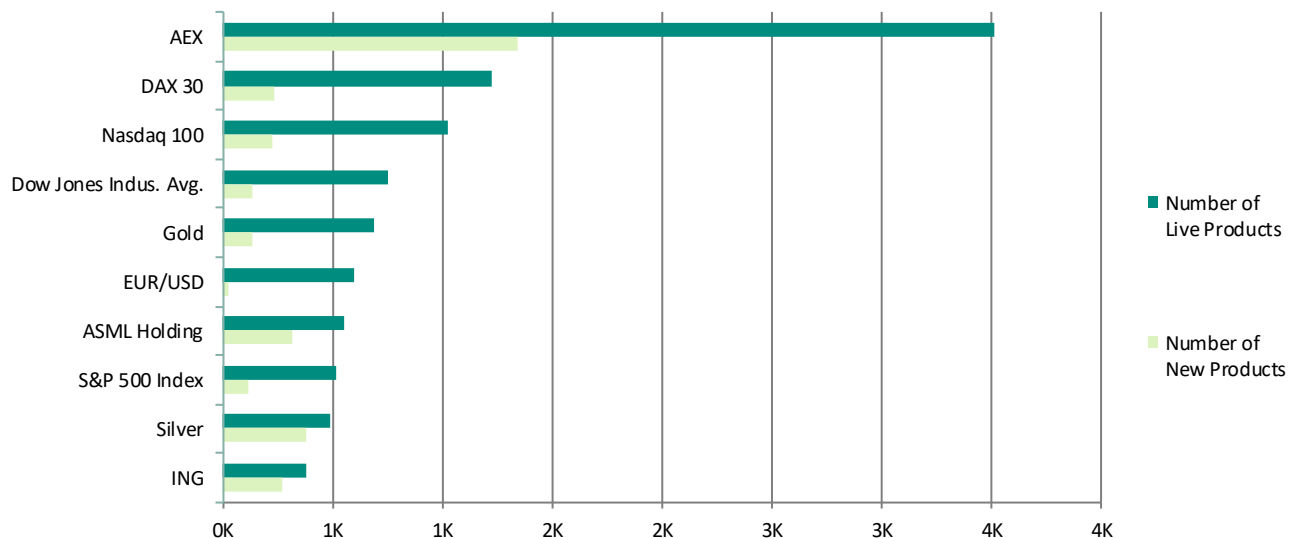
## Product Overview

The table below displays the daily 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 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
AEX	3,519	7.3%	2.9%	10.9%	1,339	-4.9%	-16.9%	12.0%
DAX 30	1,227	2.3%	3.9%	3.8%	233	-11.4%	-61%	2.1%
Nasdaq 100	1,027	3.7%	23%	3.2%	227	-16.2%	-44%	2.0%
Dow Jones Indus. Avg.	754	0.1%	0.0%	2.3%	137	17.1%	-63%	1.2%
Gold	688	-5.8%	-10.2%	2.1%	133	-48%	-55%	1.2%
EUR/USD	599	-5.9%	-4.9%	1.9%	27	-58%	-85%	0.2%
ASML Holding	548	10.3%	7.6%	1.7%	314	12.1%	1.9%	2.8%
S&P 500 Index	518	5.5%	7.7%	1.6%	116	18.4%	-43%	1.0%
Silver	485	0.9%	11.2%	1.5%	381	38%	7.6%	3.4%
ING	383	4.4%	15.6%	1.2%	270	85%	7.3%	2.4%
Other	22,596	2.5%	6.3%	69.9%	8,015	29%	-35%	71.6%
<b>Total</b>	<b>32,343</b>	<b>2.7%</b>	<b>5.7%</b>	<b>100%</b>	<b>11,192</b>	<b>18.9%</b>	<b>-33.5%</b>	<b>100%</b>

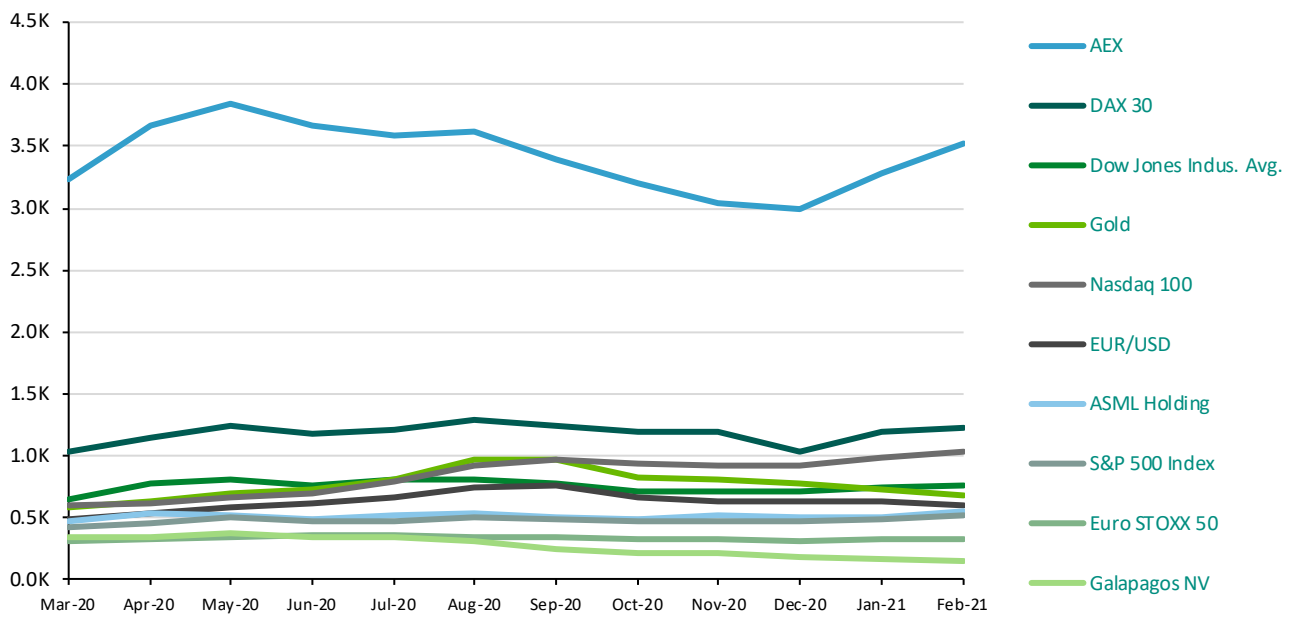
(Source Euronext)



# TOP 10 UNDERLYINGS

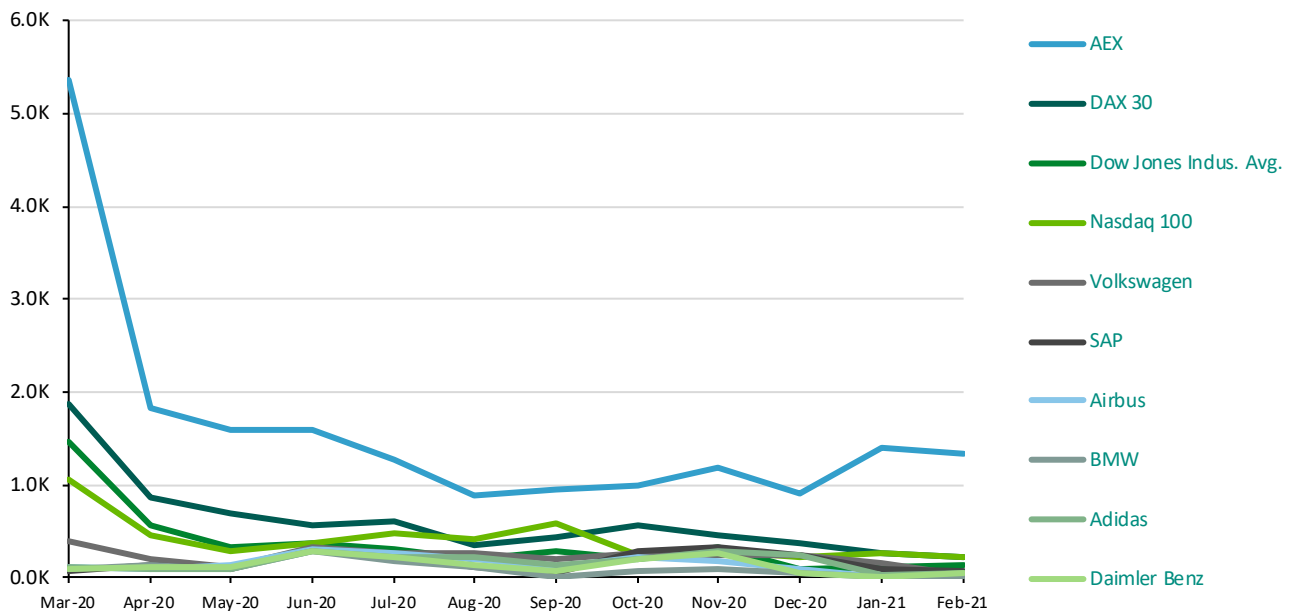
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each top 10 underlying on 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
NLBNPNL15NU9	BNP Paribas	2210   Mini-Futures	DAX 30	13,558	408
NLBNPNL15MN6	BNP Paribas	2205   Open-End Knock-Out Warrants	DAX 30	11,950	3,376
NL0014156432	BNP Paribas	2210   Mini-Futures	AEX	5,830	943
NL00150003V5	ING	2100   Warrants	Euro STOXX 50 ETFs	5,323	379
LU2295301605	KBC	1260   Express Certificates	S&P 500 Index	5,051	33
NL00150003T9	ING	2100   Warrants	Euro STOXX 50 ETFs	4,091	548
NL0015485129	BNP Paribas	2210   Mini-Futures	DAX 30	3,829	200
NLGS0000DJ69	Goldman Sachs	2210   Mini-Futures	Fugro	3,668	112
NLBNPNL15NR5	BNP Paribas	2210   Mini-Futures	AEX	3,088	608
NL0014142523	BNP Paribas	2205   Open-End Knock-Out Warrants	DAX 30	2,734	1,039
NL00150003U7	ING	2100   Warrants	Euro STOXX 50 ETFs	2,609	203
NLGS0000G7P2	Goldman Sachs	2210   Mini-Futures	Fugro	2,606	104
DE000VQ2TD17	Vontobel	2205   Open-End Knock-Out Warrants	AEX	2,576	1,740
NLGS0000RN18	Goldman Sachs	2210   Mini-Futures	AEX	2,572	50
NLBNPNL162S6	BNP Paribas	2210   Mini-Futures	AEX	2,507	683
NLBNPNL15Z58	BNP Paribas	2210   Mini-Futures	AEX	2,249	120
NLBNPNL15L54	BNP Paribas	2210   Mini-Futures	AEX	2,161	273
NLBNPNL15L13	BNP Paribas	2210   Mini-Futures	AEX	2,141	119
NLBNPNL167J4	BNP Paribas	2210   Mini-Futures	ICE BRENT	1,989	41
NLBNPNL16JP5	BNP Paribas	2210   Mini-Futures	AEX	1,987	336
NLBNPNL13NQ2	BNP Paribas	2205   Open-End Knock-Out Warrants	Silver	1,966	251
NLBNPNL15T15	BNP Paribas	2210   Mini-Futures	DAX 30	1,857	149
NLBNPNL14NM9	BNP Paribas	2205   Open-End Knock-Out Warrants	EUR/USD	1,847	120
NLBNPNL14ZJ9	BNP Paribas	2210   Mini-Futures	AEX	1,804	372
NLBNPNL14HV2	BNP Paribas	2205   Open-End Knock-Out Warrants	AEX	1,702	225
NLBNPNL14LG5	BNP Paribas	2210   Mini-Futures	ASML Holding	1,651	237
NLBNPNL155U6	BNP Paribas	2205   Open-End Knock-Out Warrants	AEX	1,646	379
NLBNPNL15JG6	BNP Paribas	2205   Open-End Knock-Out Warrants	AEX	1,595	3,048
NLBNPNL12QQ7	BNP Paribas	2210   Mini-Futures	AEX	1,535	70
NLBNPNL13RA7	BNP Paribas	2210   Mini-Futures	Silver	1,492	129
NLBNPNL15DF1	BNP Paribas	2210   Mini-Futures	S&P 500 Index	1,480	18
NLBNPNL11X12	BNP Paribas	2205   Open-End Knock-Out Warrants	Dow Jones Indus. Avg.	1,472	165
NLBNPNL15Z74	BNP Paribas	2210   Mini-Futures	AEX	1,441	195
DE000SB5NBC2	Société Générale	2210   Mini-Futures	Moderna Inc	1,440	36
NL0014057028	BNP Paribas	2210   Mini-Futures	DAX 30	1,436	341
NLGS0000WX1	Goldman Sachs	2210   Mini-Futures	Fugro	1,418	85
NLING0012573	ING	2210   Mini-Futures	AEX	1,398	813
NLBNPNL163U0	BNP Paribas	2205   Open-End Knock-Out Warrants	AEX	1,397	333
NLBNPNL16HV7	BNP Paribas	2210   Mini-Futures	AEX	1,385	34
NL0015092644	BNP Paribas	2210   Mini-Futures	Gold	1,378	171
NLBNPNL15S27	BNP Paribas	2210   Mini-Futures	DAX 30	1,368	53
DE000SD2YH44	Société Générale	2205   Open-End Knock-Out Warrants	NIO INC	1,326	42
NLBNPNL13VS1	BNP Paribas	2210   Mini-Futures	AEX	1,324	112
NLBNPNL14L89	BNP Paribas	2210   Mini-Futures	Brent	1,260	29
NL0015069220	BNP Paribas	2205   Open-End Knock-Out Warrants	Unilever	1,252	508
NLBNPNL16529	BNP Paribas	2210   Mini-Futures	AEX	1,242	143
NLBNPNL14VL4	BNP Paribas	2210   Mini-Futures	Silver	1,237	139
NLGS0000M3K4	Goldman Sachs	2205   Open-End Knock-Out Warrants	Airbus	1,221	44
NLBNPNL154U9	BNP Paribas	2210   Mini-Futures	AEX	1,217	171
NLBNPNL13ZN3	BNP Paribas	2210   Mini-Futures	S&P 500 Index	1,208	21

(Source Euronext)



Interbolsa Instruments

# ISSUERS

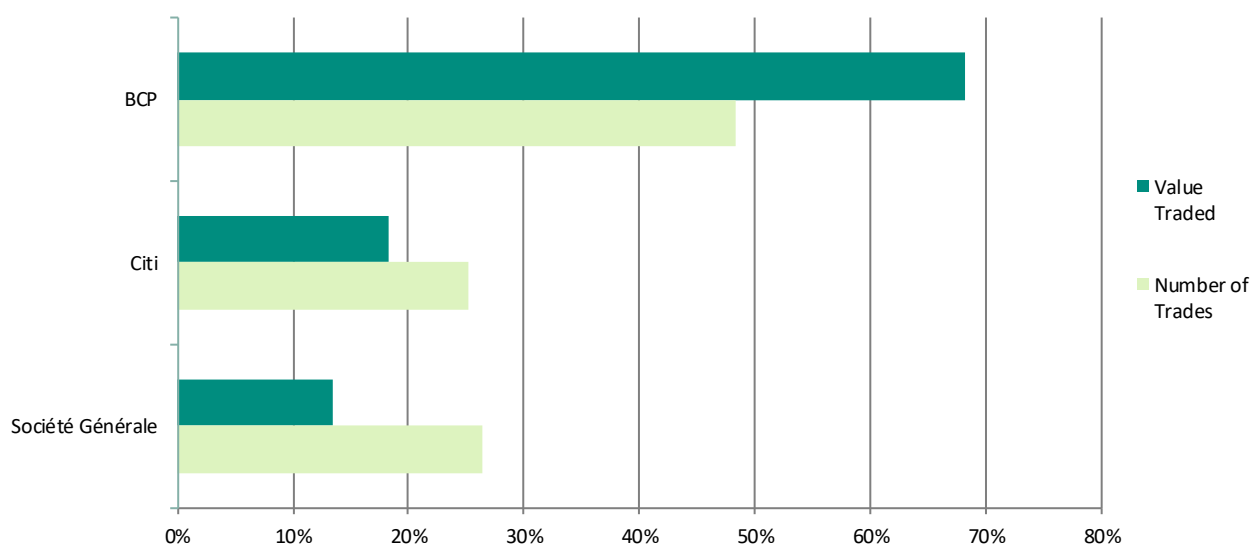
## Market Overview

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	2,590	2.5%	61%	68.3%	152	1.4%	32.6%	48.4%
Citi	694	70%	109%	18.3%	79	54.9%	43.8%	25.2%
Société Générale	509	64%	85%	13.4%	83	24.4%	-1.4%	26.4%
Total	3,793	16.9%	70.4%	100%	313	17.3%	23.0%	100%

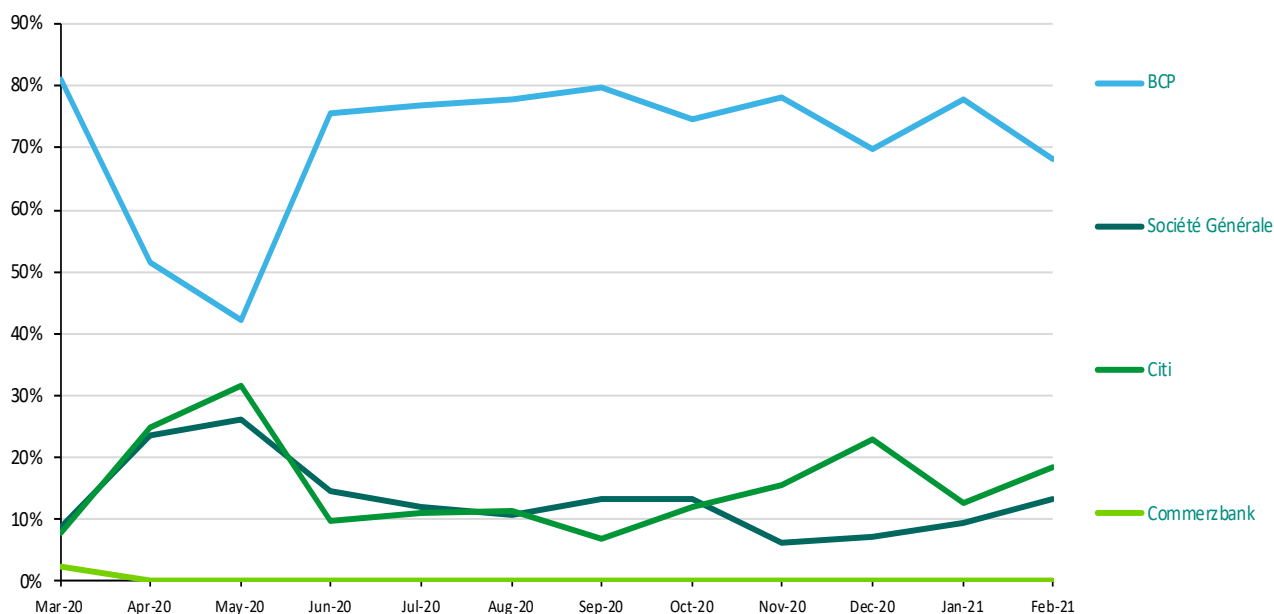
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# ISSUERS

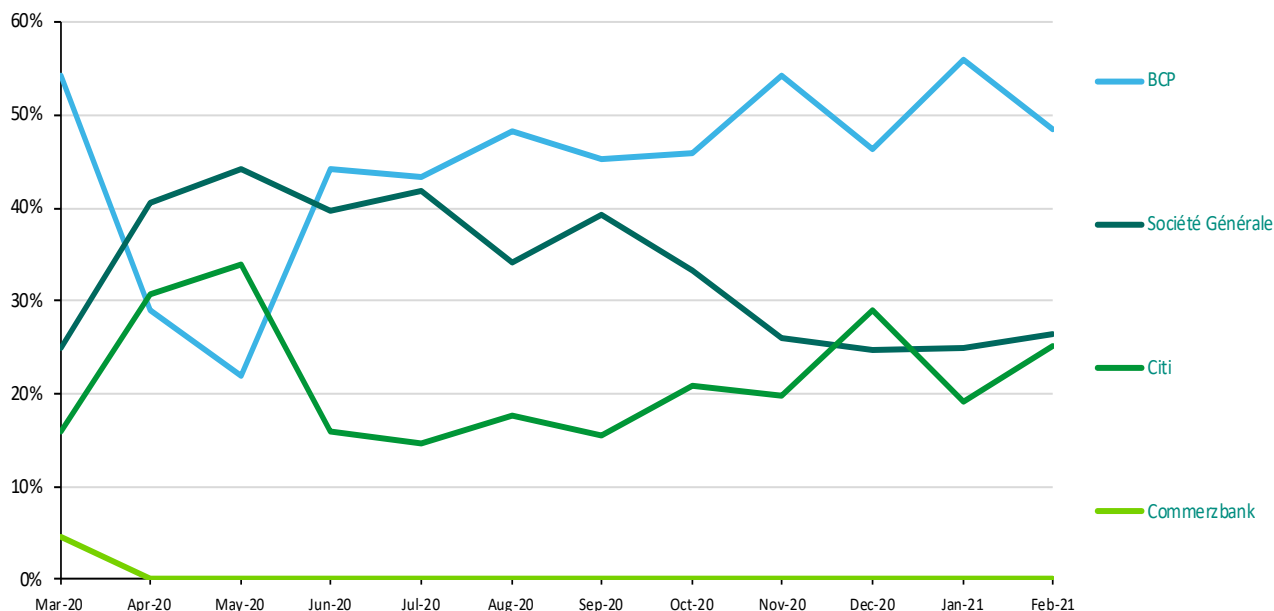
## Market Trend: Value traded

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

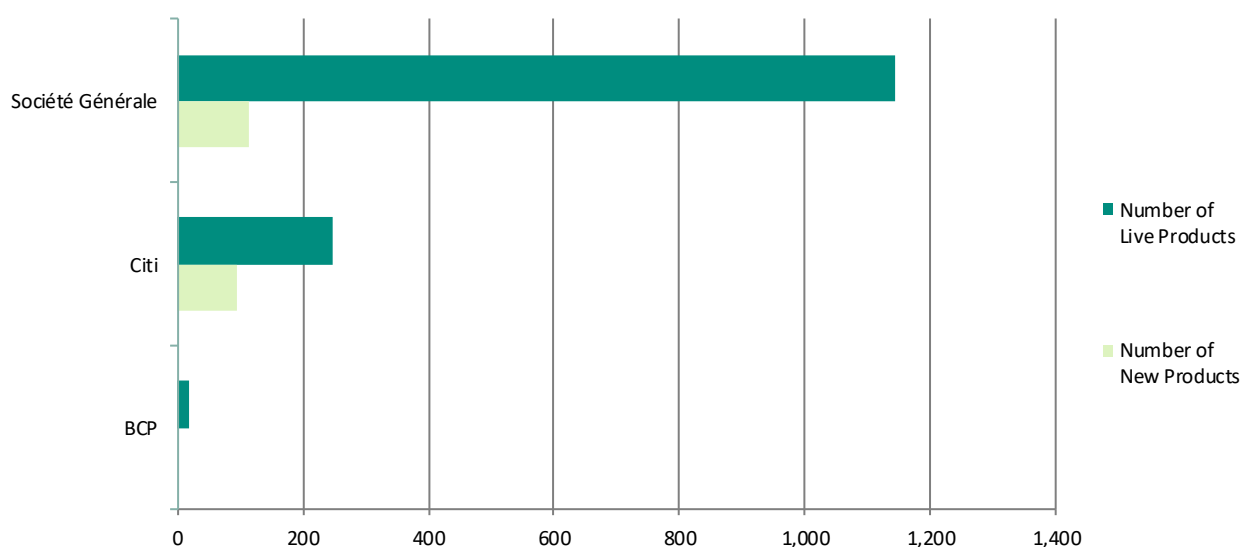
## Product Overview

The table below displays the daily 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 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	1,145	12.9%	8.5%	81.1%	114	-66%	-65%	54.8%
Citi	248	15.1%	-6.6%	17.6%	94	1.1%	-25%	45.2%
BCP	19	1.1%	20%	1.3%	0	-100%	-100%	0.0%
Total	1,412	13.1%	-0.3%	100%	208	-52.0%	-55.8%	100%

(Source Euronext)

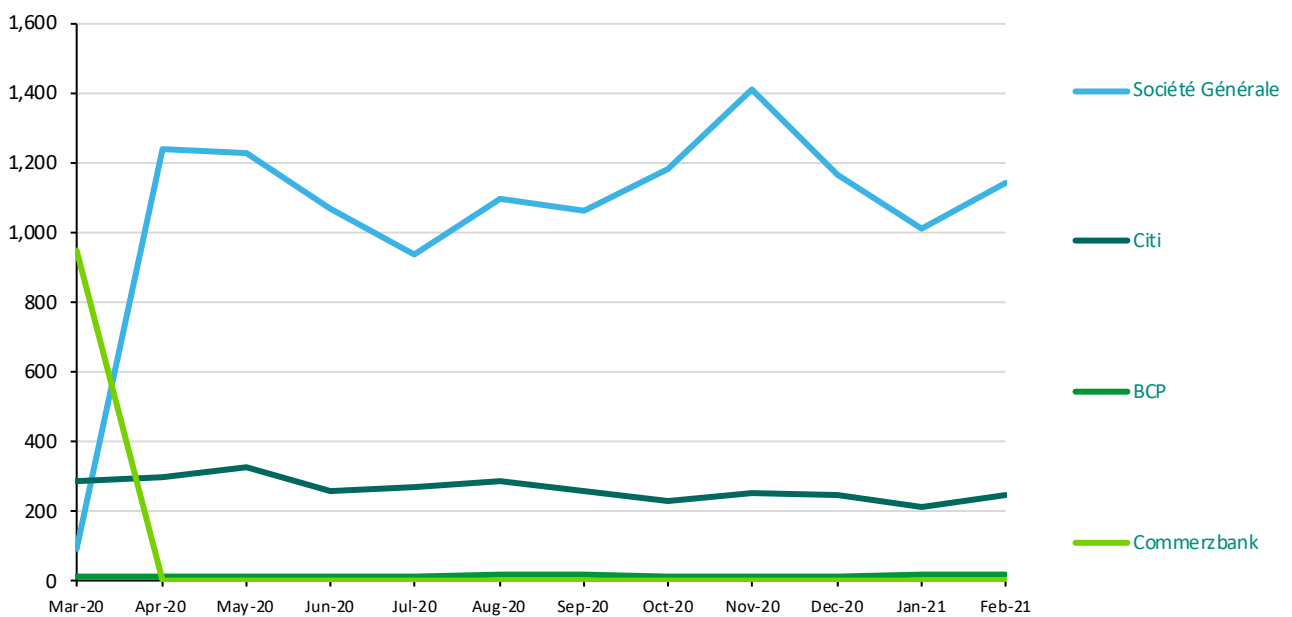




# ISSUERS

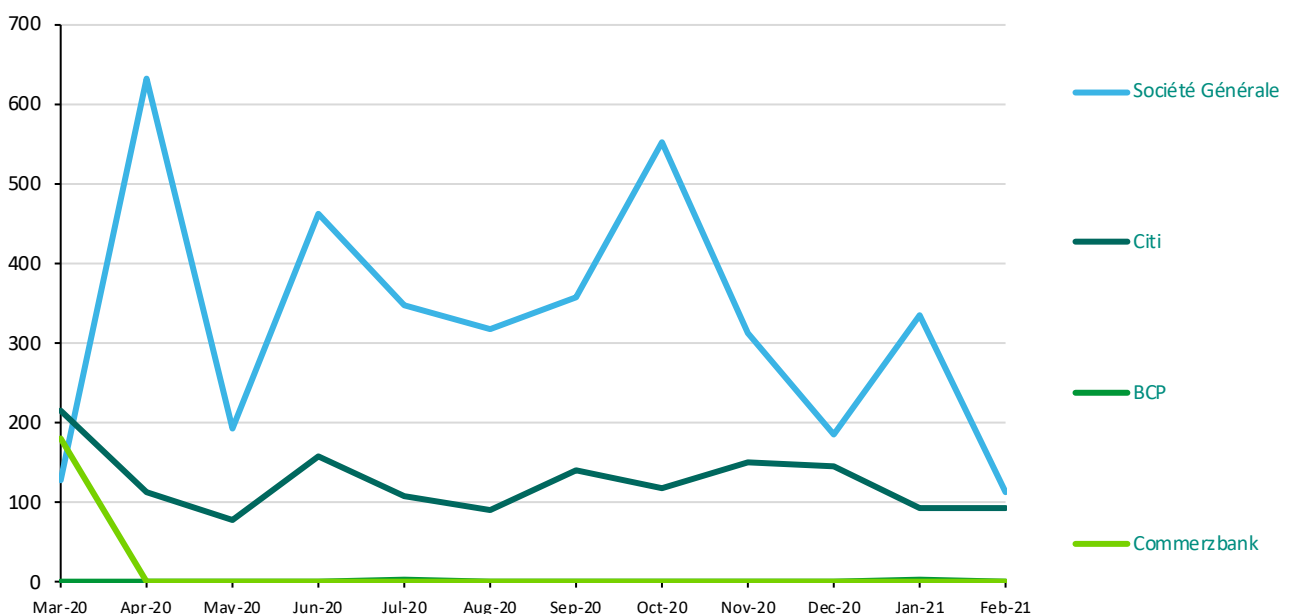
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each issuer on 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)

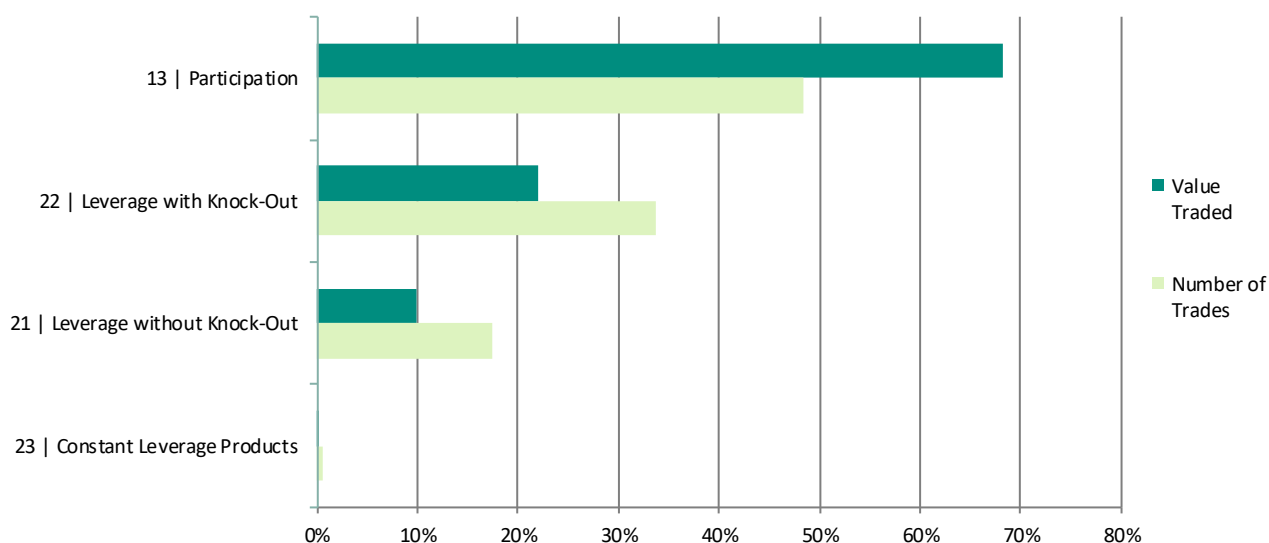
### Market Overview

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	2,590	2.5%	61%	68.3%	152	1.4%	32.6%	48.4%
22   Leverage with Knock-Out	831	118%	96%	21.9%	106	41.9%	18.7%	33.7%
21   Leverage without Knock-Out	372	11.0%	101%	9.8%	54	29.1%	12.5%	17.4%
23   Constant Leverage Products	1	-35%	-86%	0.0%	1.5	87.5%	-47.5%	0.5%
Total	3,793	16.9%	70.4%	100%	313	17.3%	23.0%	100%

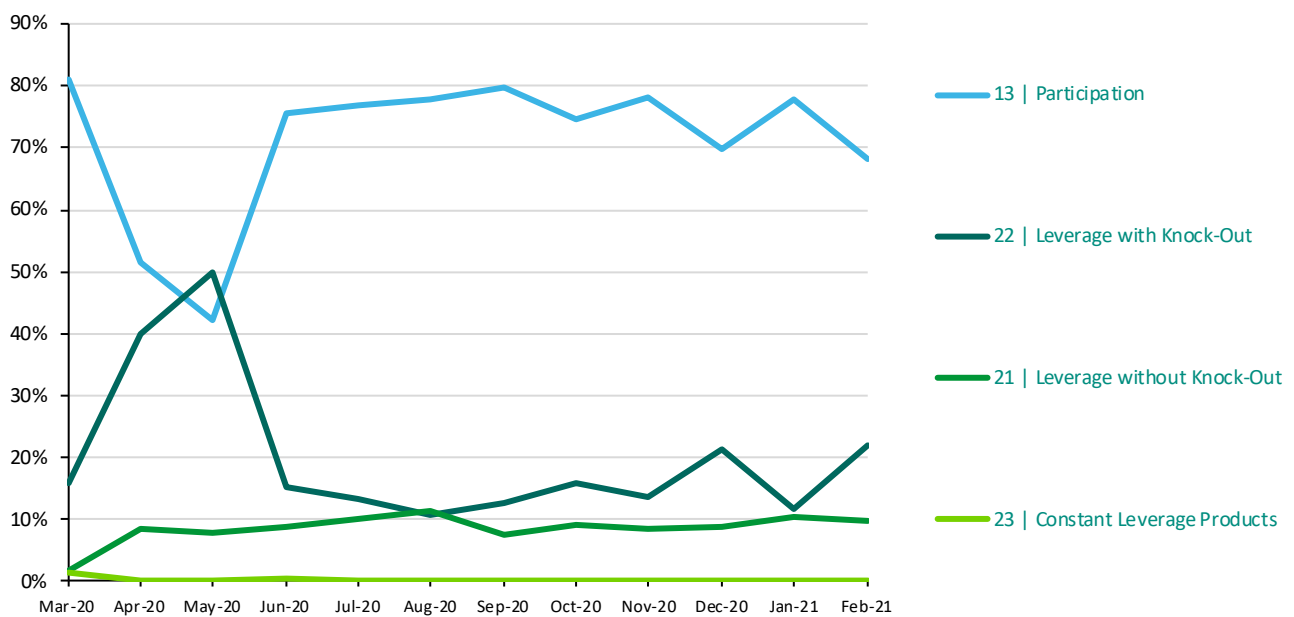
(Source Euronext)



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

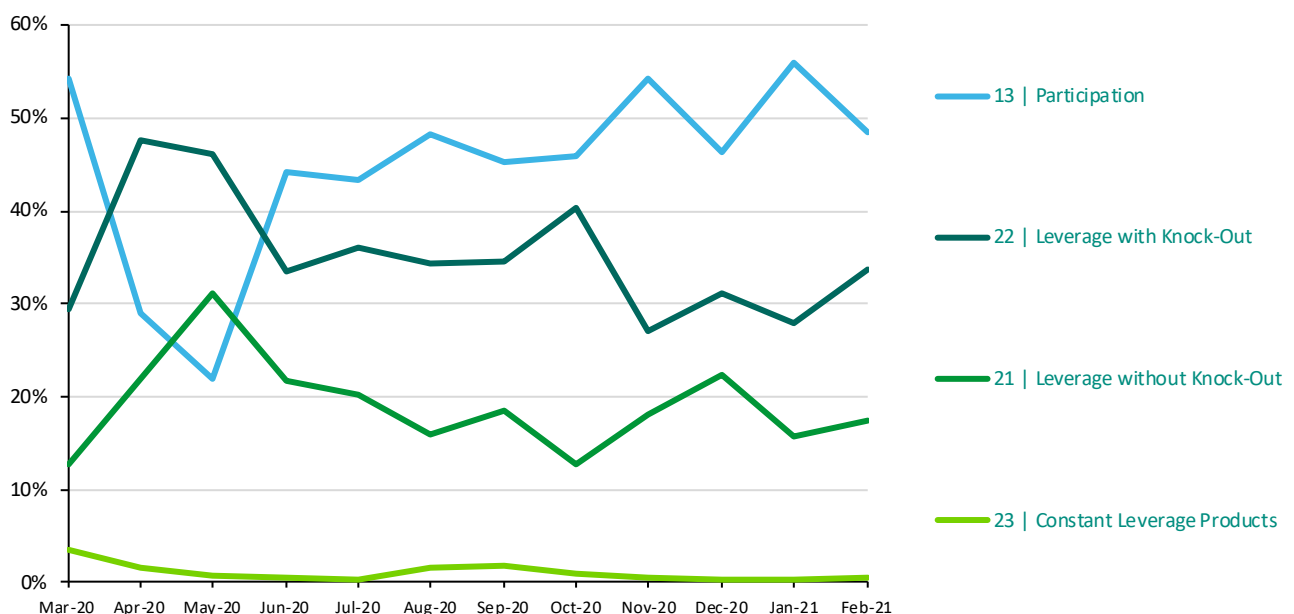
### Market Trend: Value traded

The historical graph below displays the weight of the value traded for each product type over the total value traded on 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)

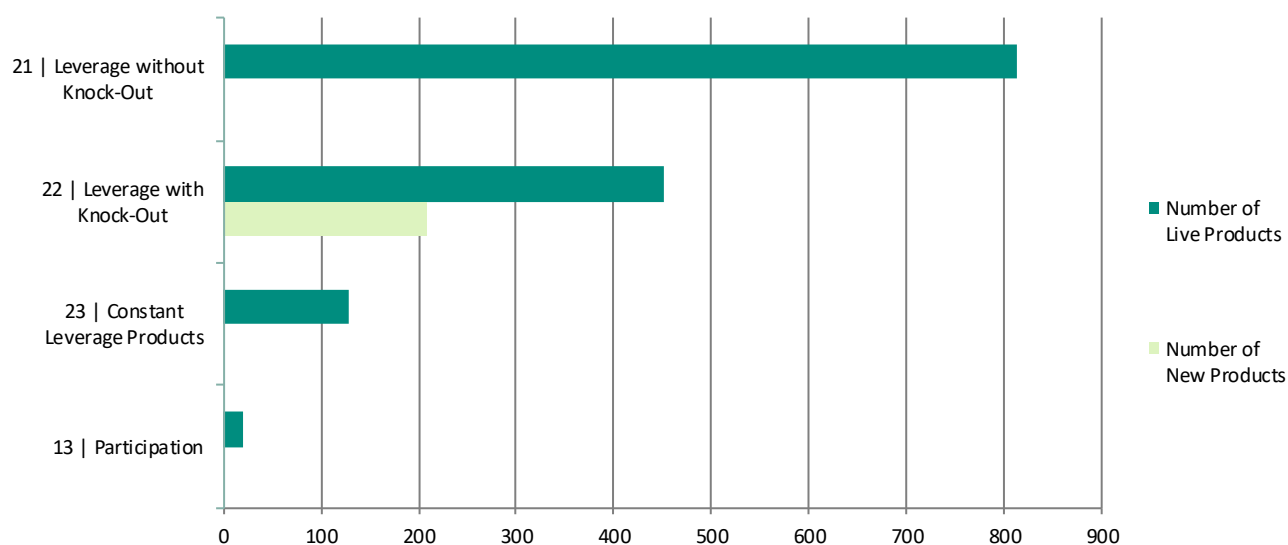
### Product Overview

The table below displays the daily 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 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
21   Leverage without Knock-Out	813	14.3%	-3.4%	57.6%	0	-100%	-100%	0.0%
22   Leverage with Knock-Out	452	15.9%	1.2%	32.0%	208	-21%	-41%	100.0%
23   Constant Leverage Products	128	-0.4%	14.2%	9.1%	0		-100%	0.0%
13   Participation	19	1.1%	20%	1.3%	0	-100%	-100%	0.0%
<b>Total</b>	<b>1,412</b>	<b>13.1%</b>	<b>-0.3%</b>	<b>100%</b>	<b>208</b>	<b>-52.0%</b>	<b>-55.8%</b>	<b>100%</b>

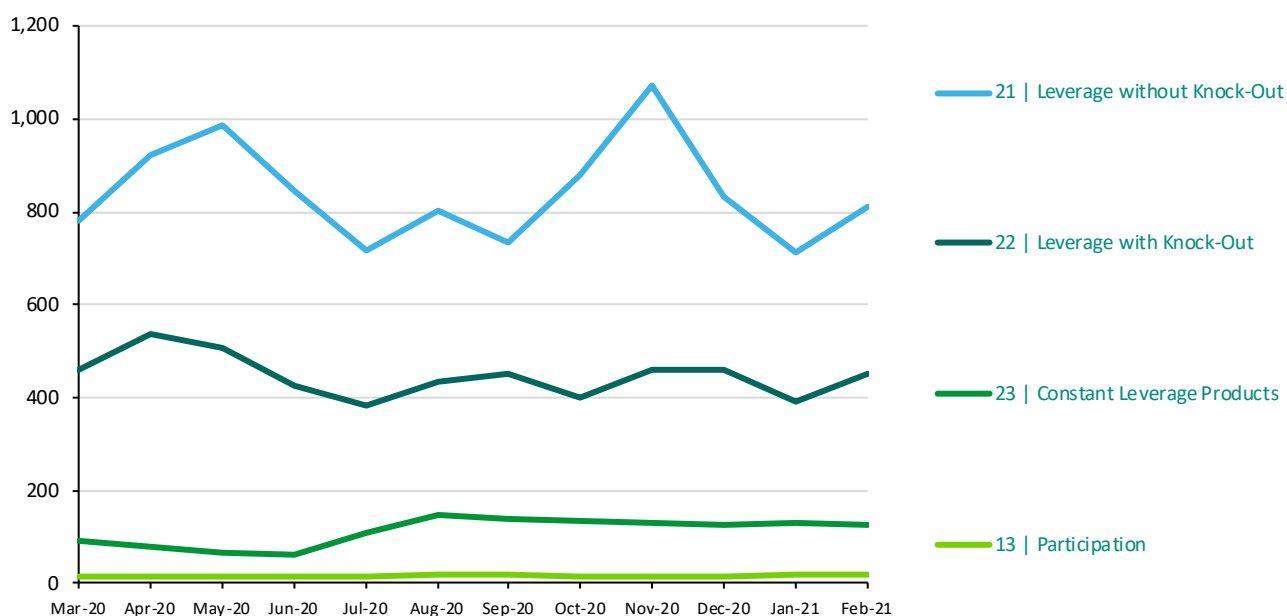
(Source Euronext)



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

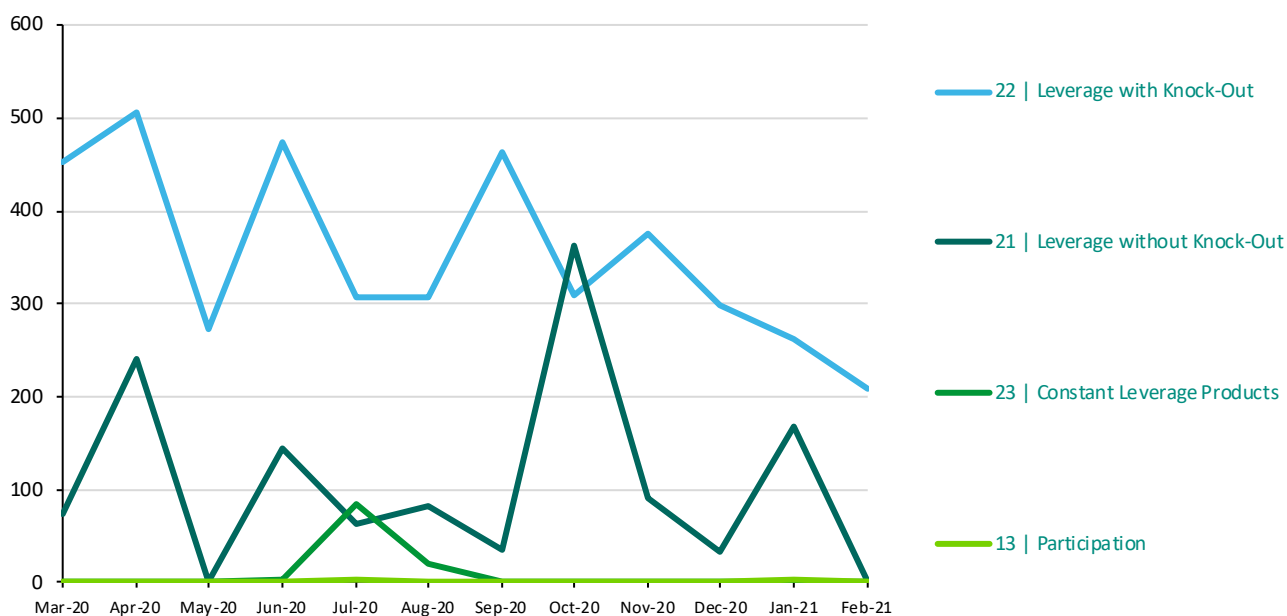
## Product Trend: Number of Live Products

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)

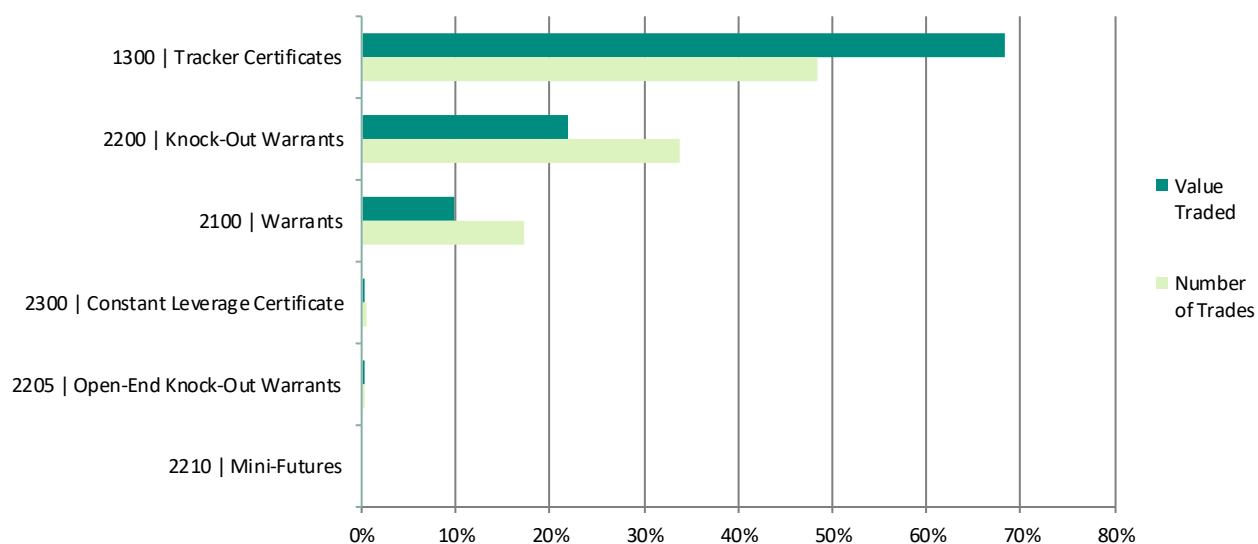
## Market Overview

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	2,590	2.5%	61%	68.3%	152	1.4%	32.6%	48.4%
2200   Knock-Out Warrants	831	118%	97%	21.9%	106	42%	19.3%	33.7%
2100   Warrants	372	11.0%	101%	9.8%	54	29%	12.5%	17.4%
2300   Constant Leverage Certificate	1	-35%	-86%	0.0%	1.5	88%	-48%	0.5%
2205   Open-End Knock-Out Warrants	0	-71%	-94%	0.0%	0.1	-50%	-89%	0.0%
2210   Mini-Futures	0			0.0%	0.0			0.0%
<b>Total</b>	<b>3,793</b>	<b>16.9%</b>	<b>70.4%</b>	<b>100%</b>	<b>313</b>	<b>17.3%</b>	<b>23.0%</b>	<b>100%</b>

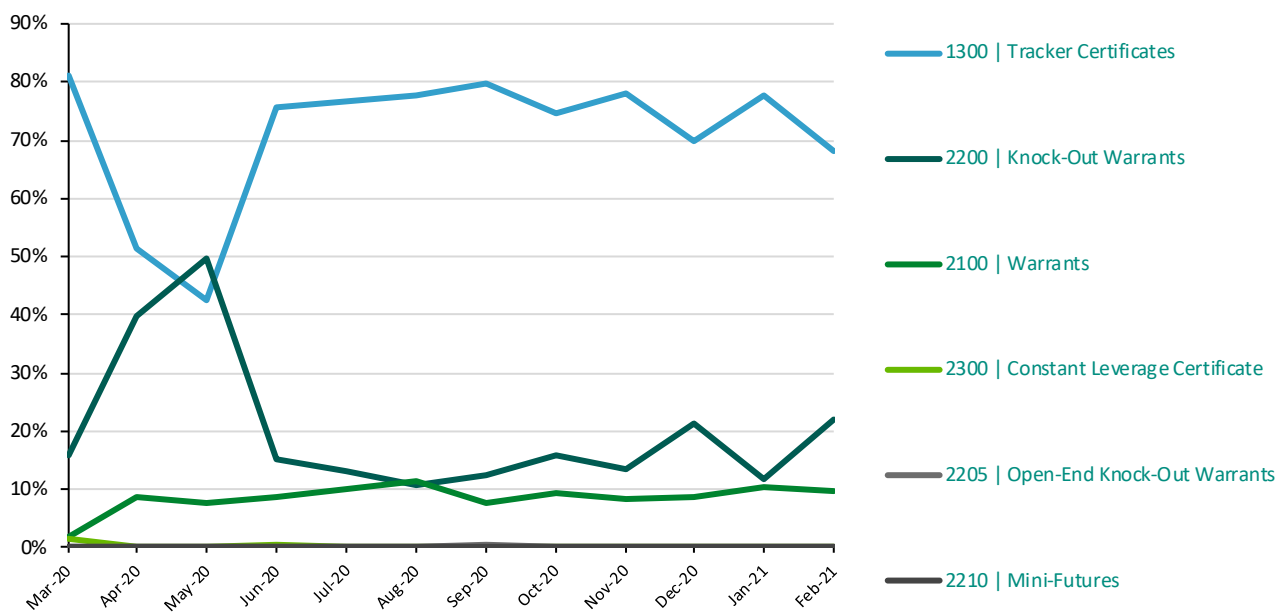
(Source Euronext)



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

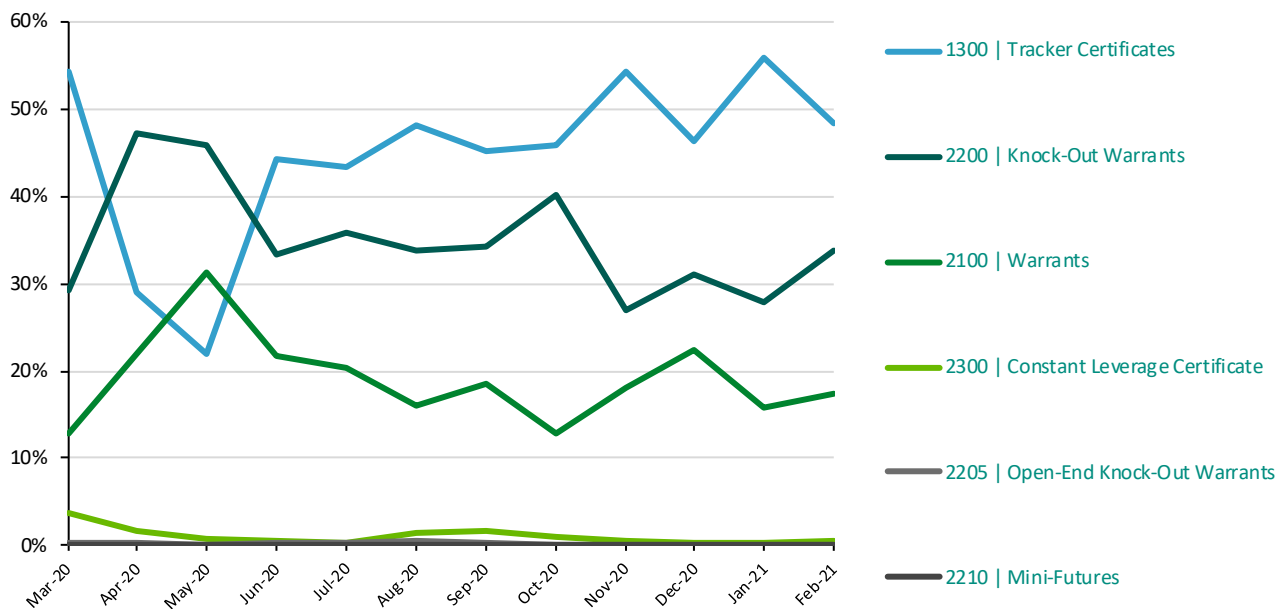
## Market Trend: Value traded

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)

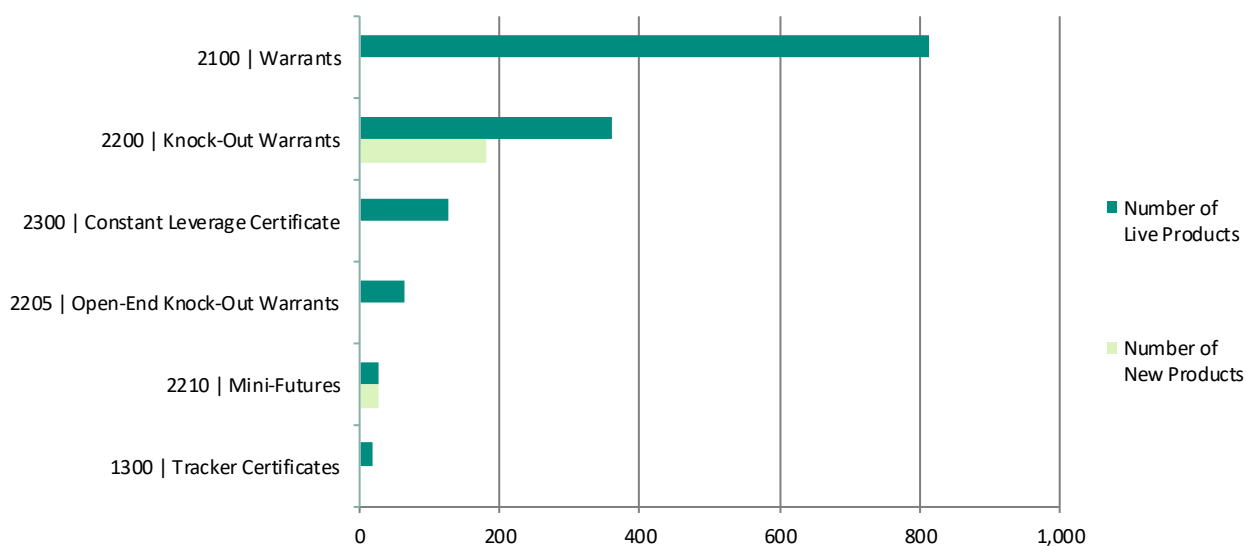
### Product Overview

The table below displays the daily 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 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
2100   Warrants	813	14.3%	-3.4%	57.6%	0	-100%	-100%	0.0%
2200   Knock-Out Warrants	360	15.0%	2.6%	25.5%	181	-31%	-47%	87.0%
2300   Constant Leverage Certificate	128	-0.4%	14.2%	9.1%	0		-100%	0.0%
2205   Open-End Knock-Out Warrants	64	-3.6%	-24%	4.5%	0		-100%	0.0%
2210   Mini-Futures	28	176%	140%	2.0%	27		NA	13.0%
1300   Tracker Certificates	19	1.1%	20%	1.3%	0	-100%	-100%	0.0%
<b>Total</b>	<b>1,412</b>	<b>13.1%</b>	<b>-0.3%</b>	<b>100%</b>	<b>208</b>	<b>-52.0%</b>	<b>-55.8%</b>	<b>100%</b>

(Source Euronext)

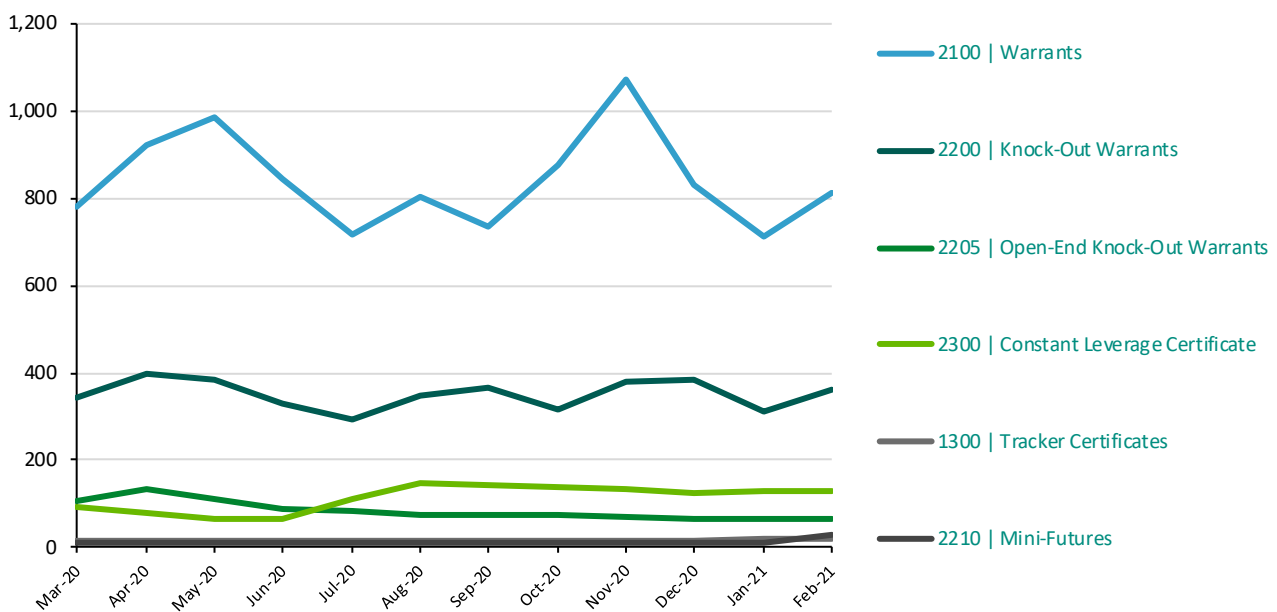




# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 3)

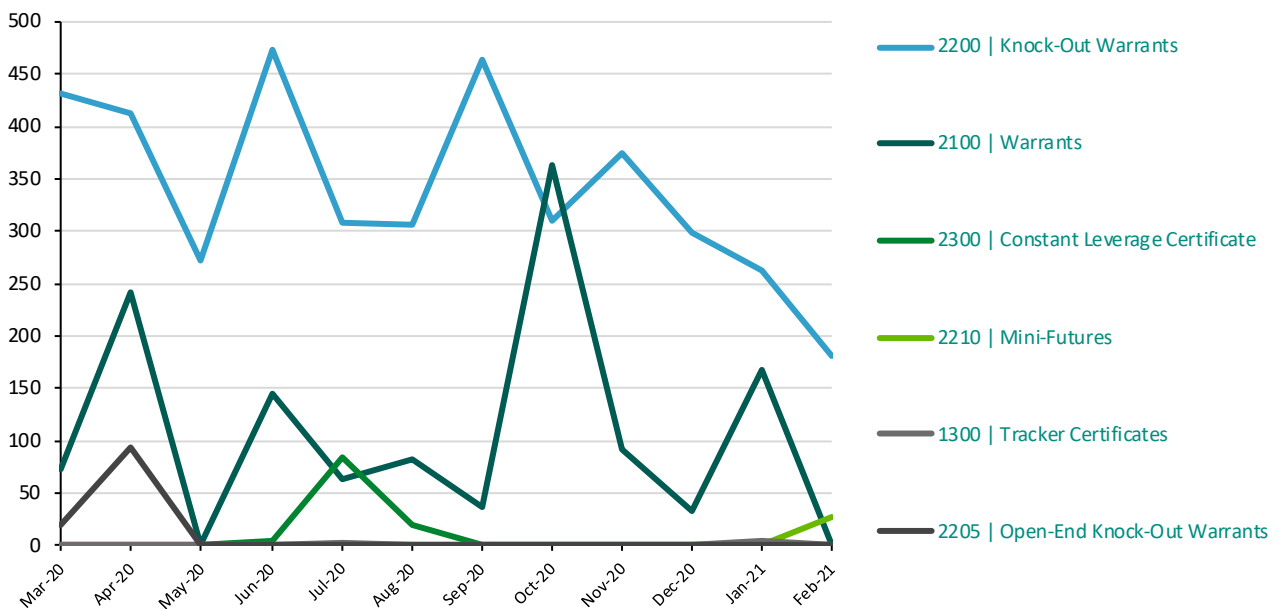
## Product Trend: Number of Live Products

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

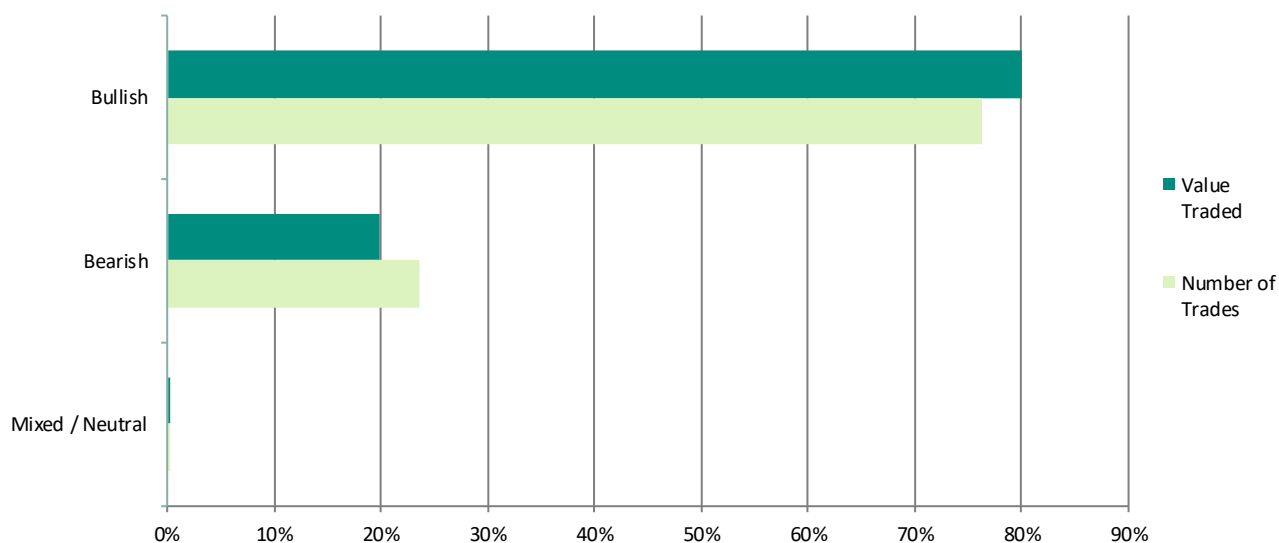
## Market Overview

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	3,040	6.2%	59%	80.2%	239	15.1%	30.1%	76.3%
Bearish	753	97%	139%	19.8%	74	26%	7.7%	23.7%
Mixed / Neutral	0	-100%	-100%	0.0%	0.1	-80%	-97%	0.0%
Total	3,793	16.9%	70.4%	100%	313	17.3%	23.0%	100%

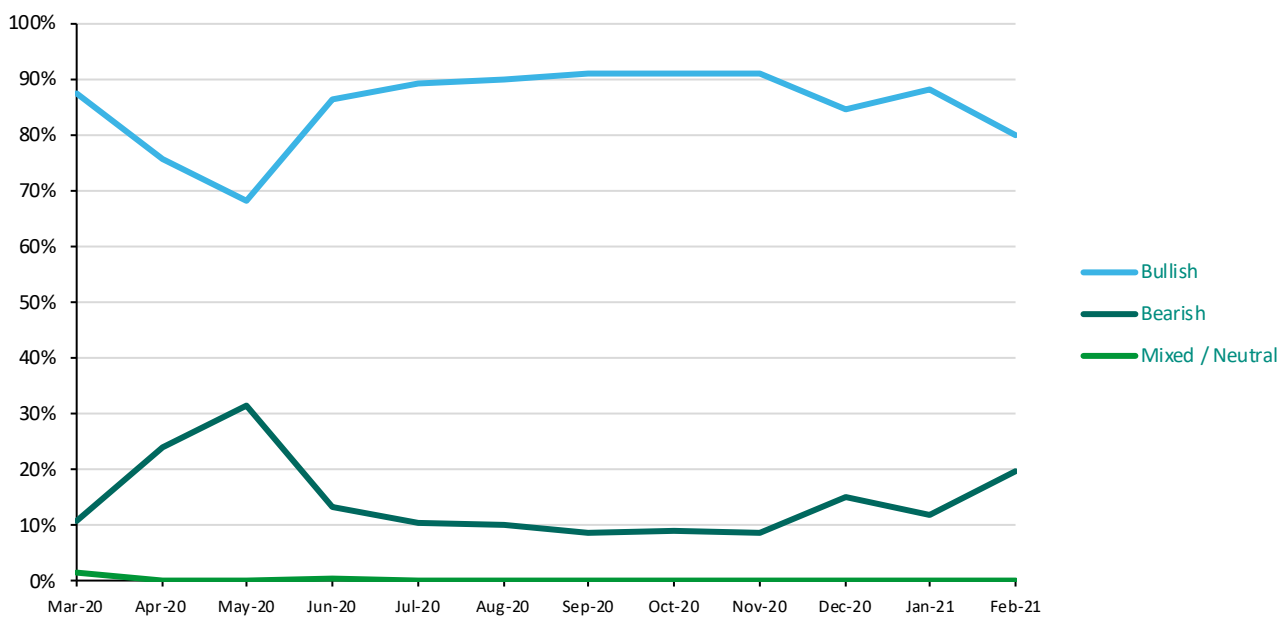
(Source Euronext)



# PRODUCT STRATEGIES

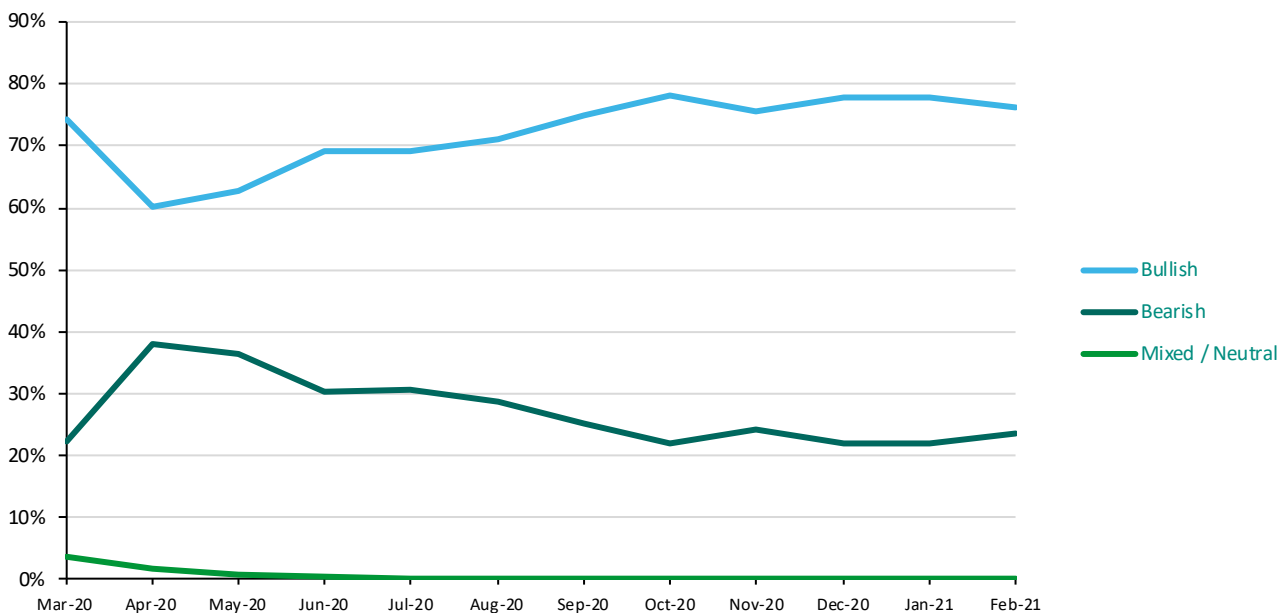
## Market Trend: Value traded

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

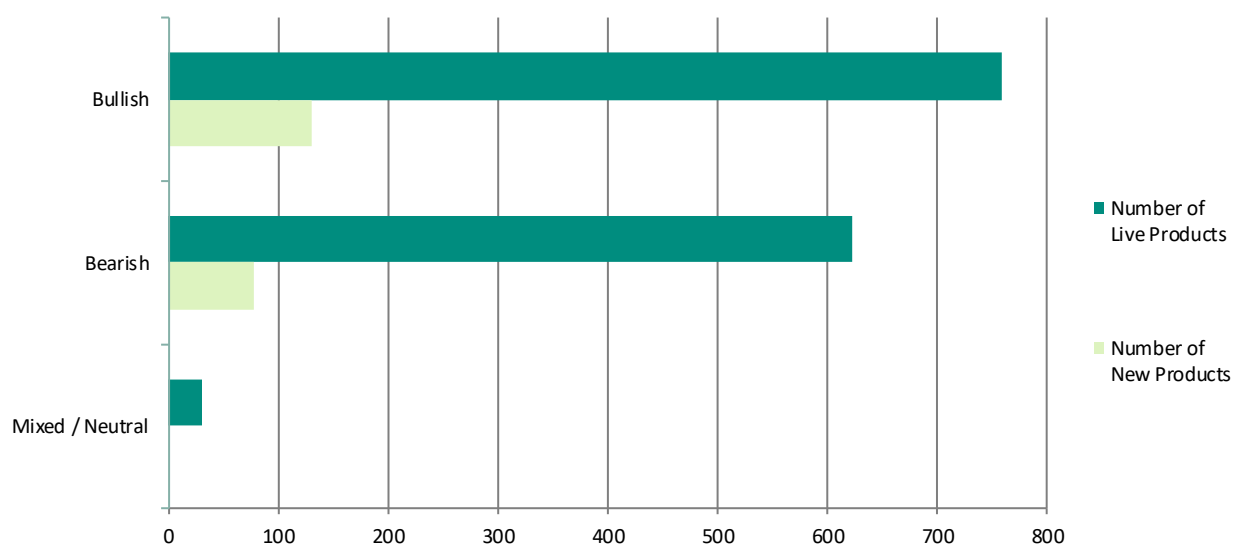
## Product Overview

The table below displays the daily 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 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	759	14.3%	6.8%	53.7%	131	-42%	-48%	63.0%
Bearish	623	12.4%	-5.2%	44.1%	77	-63%	-65%	37.0%
Mixed / Neutral	30	0.0%	-37%	2.1%	0			0.0%
<b>Total</b>	<b>1,412</b>	<b>13.1%</b>	<b>-0.3%</b>	<b>100%</b>	<b>208</b>	<b>-52.0%</b>	<b>-55.8%</b>	<b>100%</b>

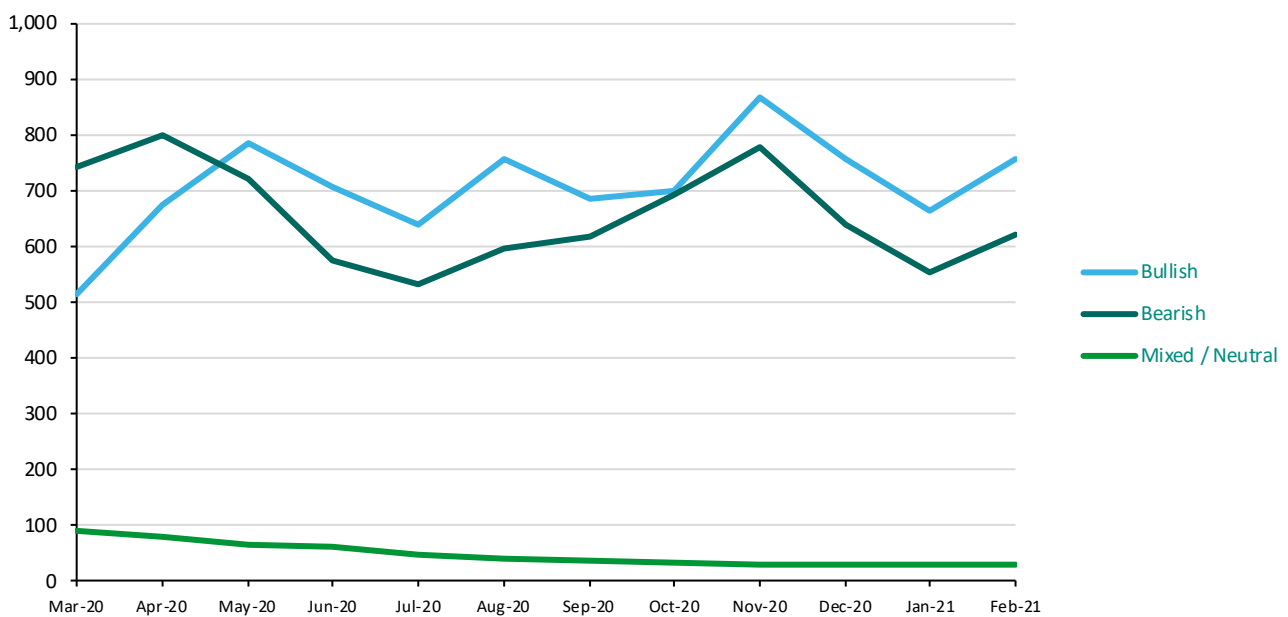
(Source Euronext)



# PRODUCT STRATEGIES

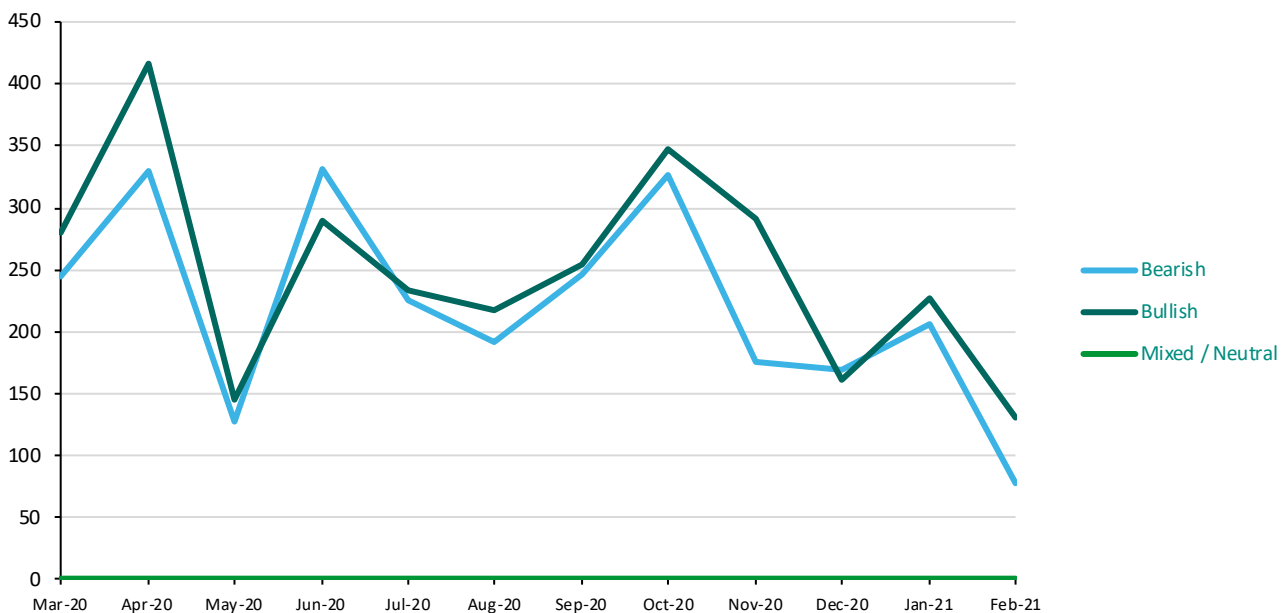
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each product type on 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

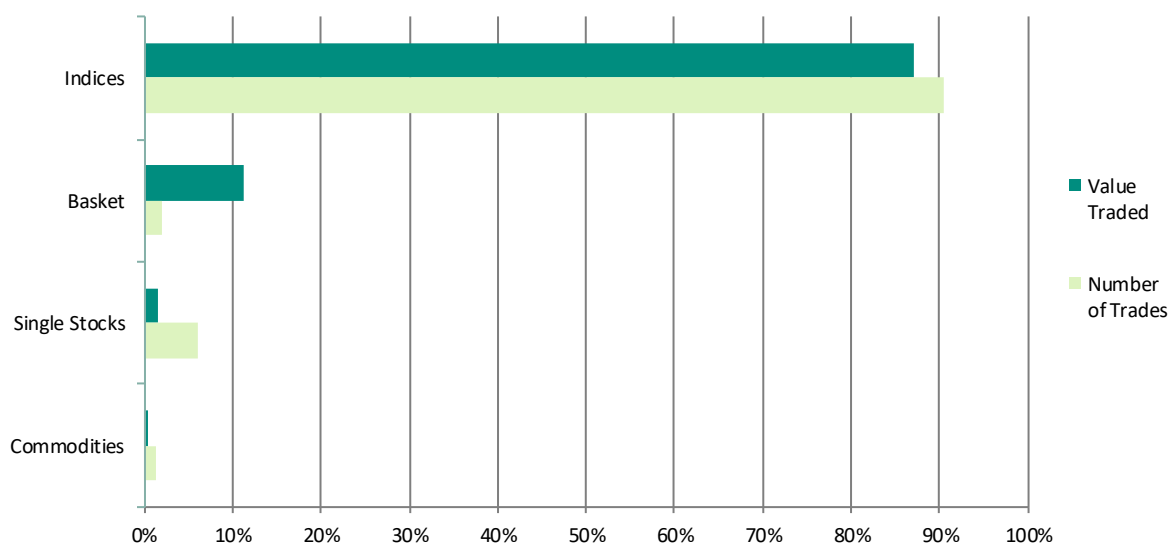
### Market Overview

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	3,302	21%	60%	87.1%	284	19.1%	25.5%	90.5%
Basket	424	-4.6%	496%	11.2%	6.5	-22.2%	408.4%	2.1%
Single Stocks	55	-12.2%	-15.9%	1.5%	19	-0.5%	-20.1%	6.1%
Commodities	12	723%	-45%	0.3%	4.0	207.7%	18.7%	1.3%
<b>Total</b>	<b>3,793</b>	<b>16.9%</b>	<b>70.4%</b>	<b>100%</b>	<b>313</b>	<b>17.3%</b>	<b>23.0%</b>	<b>100%</b>

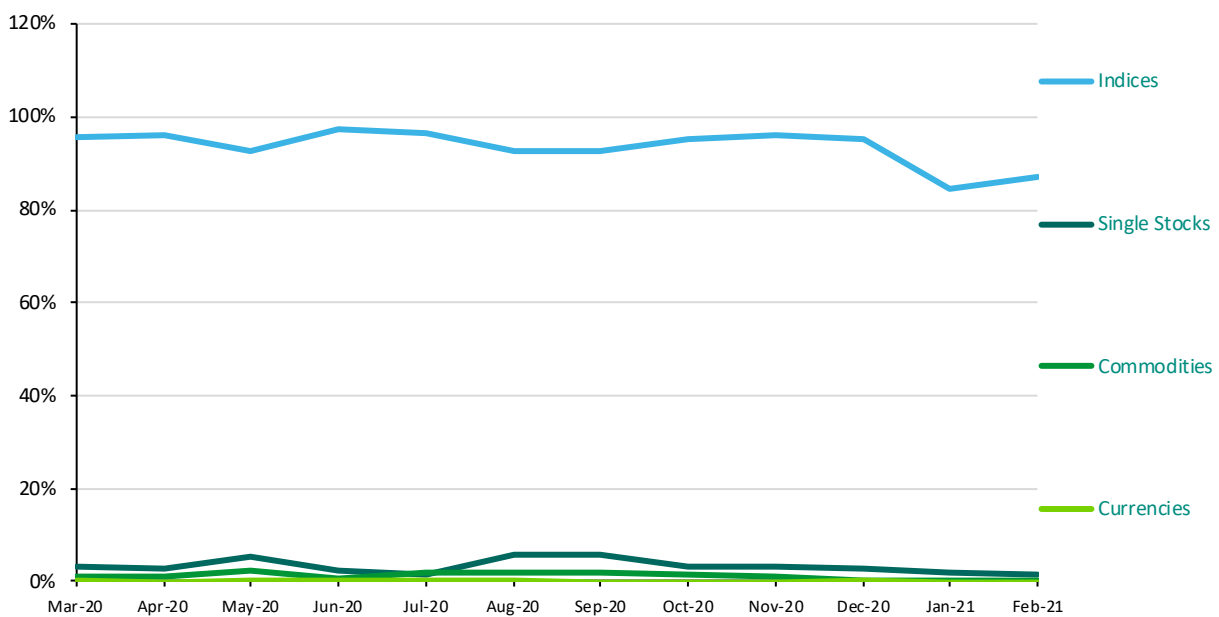
(Source Euronext)



# UNDERLYING TYPES

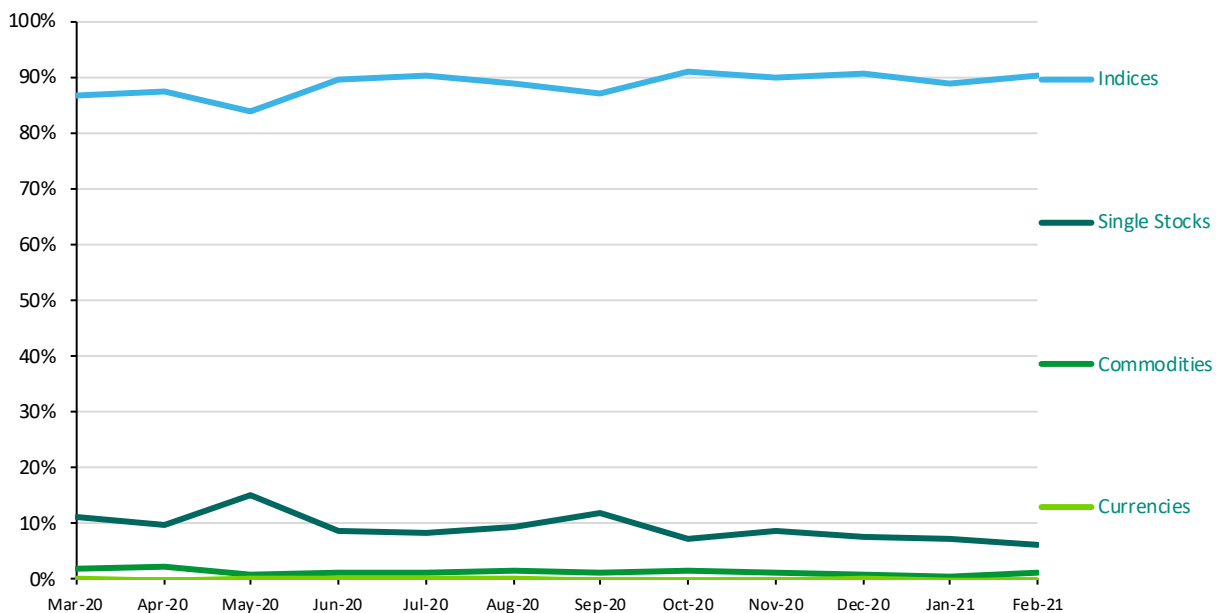
## Market Trend: Value traded

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

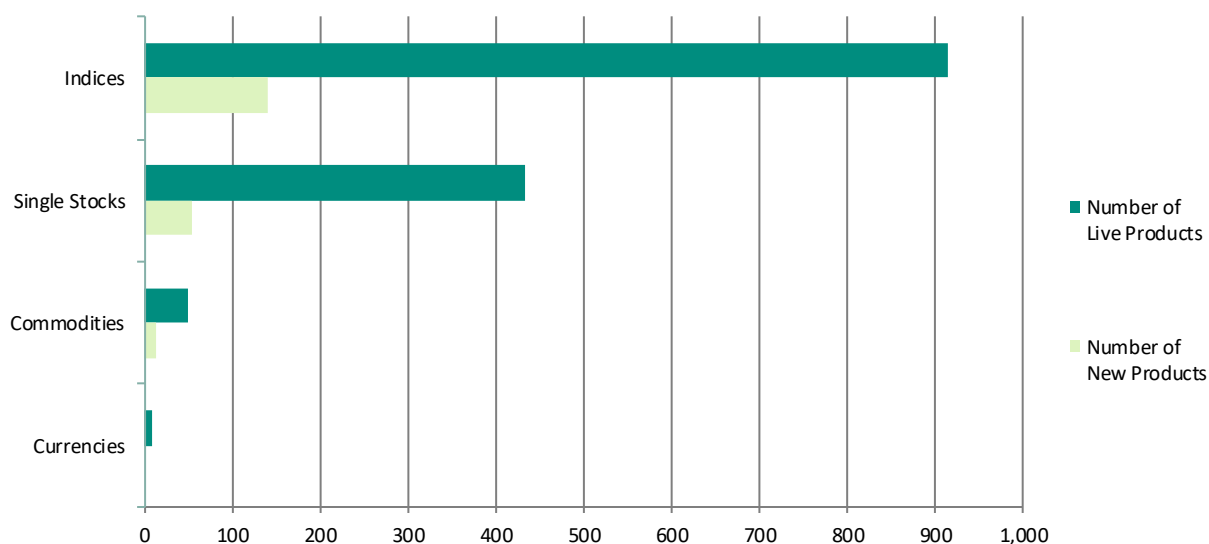
### Product Overview

The table below displays the daily 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 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	915	12.4%	-5.8%	64.8%	140	-57%	-63%	67.3%
Single Stocks	433	17.4%	14.2%	30.7%	55	-37%	-23%	26.4%
Commodities	50	-2.8%	-2.5%	3.5%	13	8.3%	-26%	6.3%
Currencies	8	-7.3%	-33%	0.6%	0	-100%	-100%	0.0%
<b>Total</b>	<b>1,412</b>	<b>13.1%</b>	<b>-0.3%</b>	<b>100%</b>	<b>208</b>	<b>-52.0%</b>	<b>-55.8%</b>	<b>100%</b>

(Source Euronext)

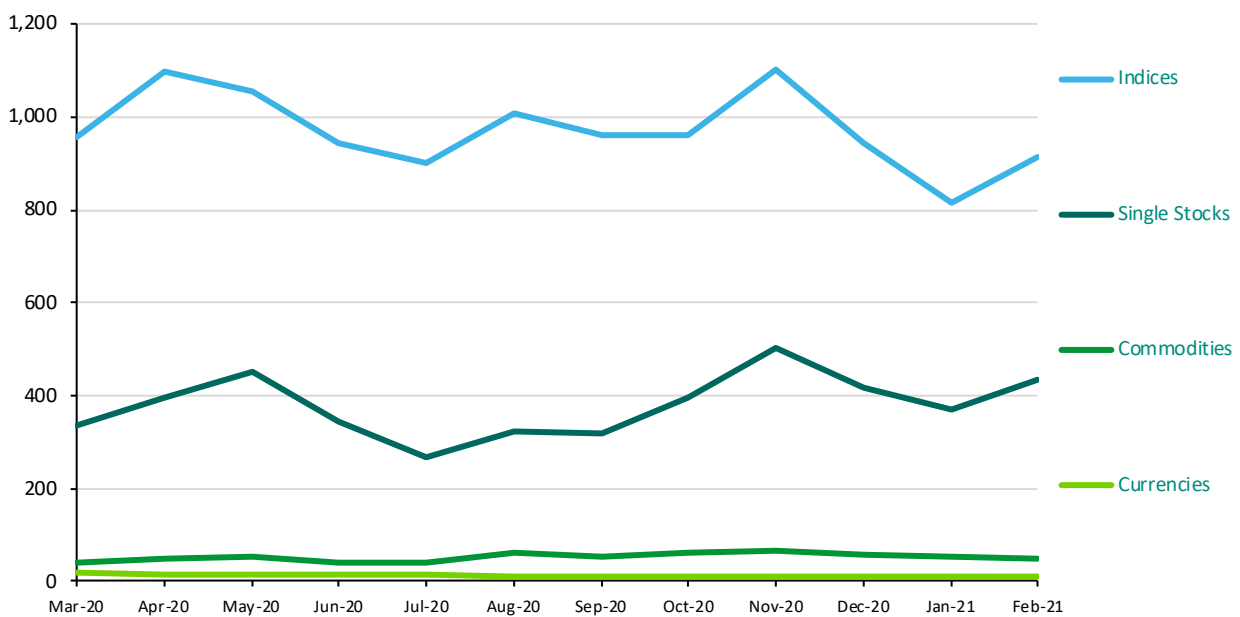




# UNDERLYING TYPES

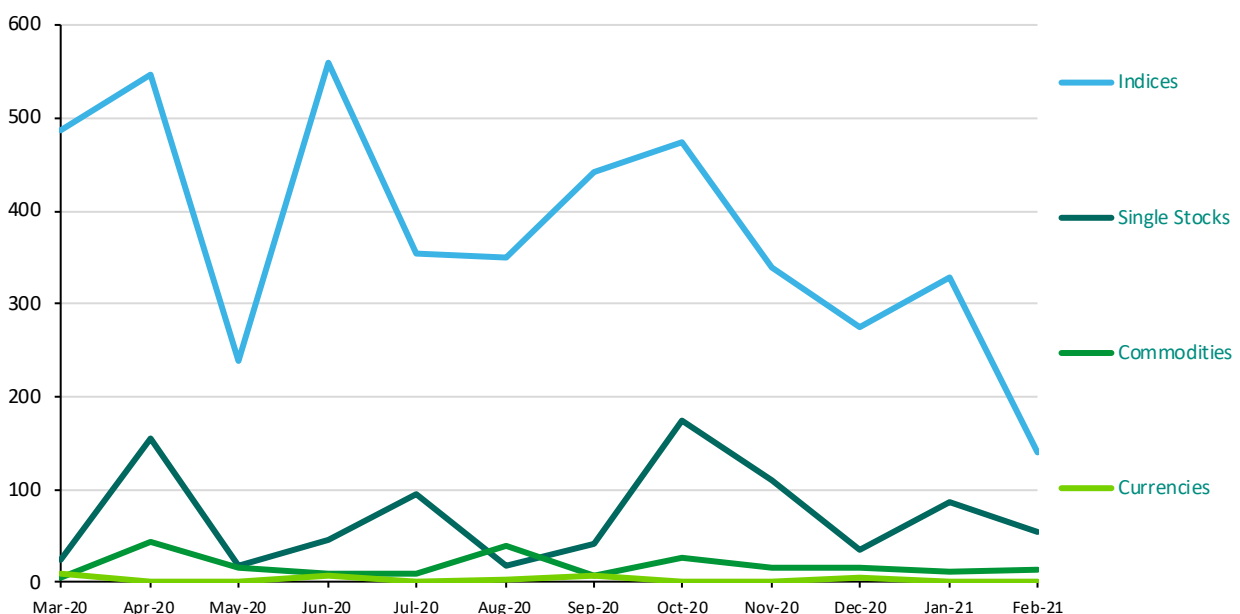
## Product Trend: Number of Live Products

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

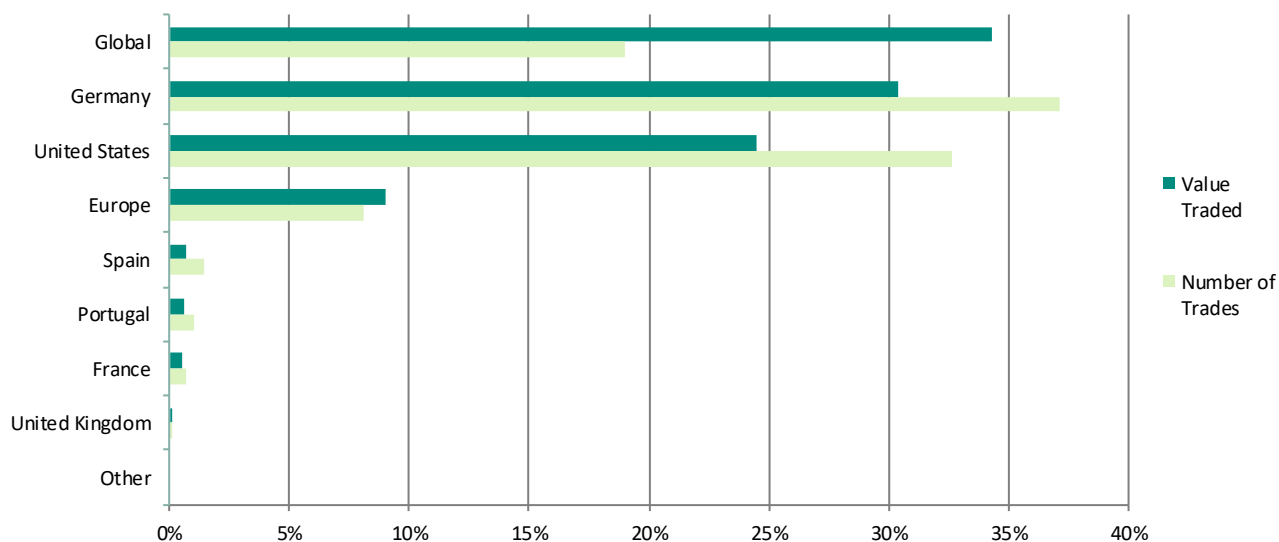
### Market Overview

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
Global	1,302	2.6%	93%	34.3%	60	-2.1%	43.3%	19.0%
Germany	1,153	66%	119%	30.4%	116	45%	22%	37.2%
United States	930	7.2%	37%	24.5%	102	13.5%	30%	32.6%
Europe	343	-1.2%	30%	9.0%	25	-1.6%	11.0%	8.1%
Spain	24	83%	45%	0.6%	4.4	7.4%	-18.3%	1.4%
Portugal	23	9.8%	37%	0.6%	3.1	10.7%	-4.3%	1.0%
France	18	-42%	-38%	0.5%	2.2	-12.0%	-56%	0.7%
United Kingdom	1	-77%	-76%	0.0%	0.1	-87%	-89%	0.0%
Other	0	-100%	-100%	0.0%	0.0	-100%	-100%	0.0%
<b>Total</b>	<b>3,793</b>	<b>16.9%</b>	<b>70.4%</b>	<b>100%</b>	<b>313</b>	<b>17.3%</b>	<b>23.0%</b>	<b>100%</b>

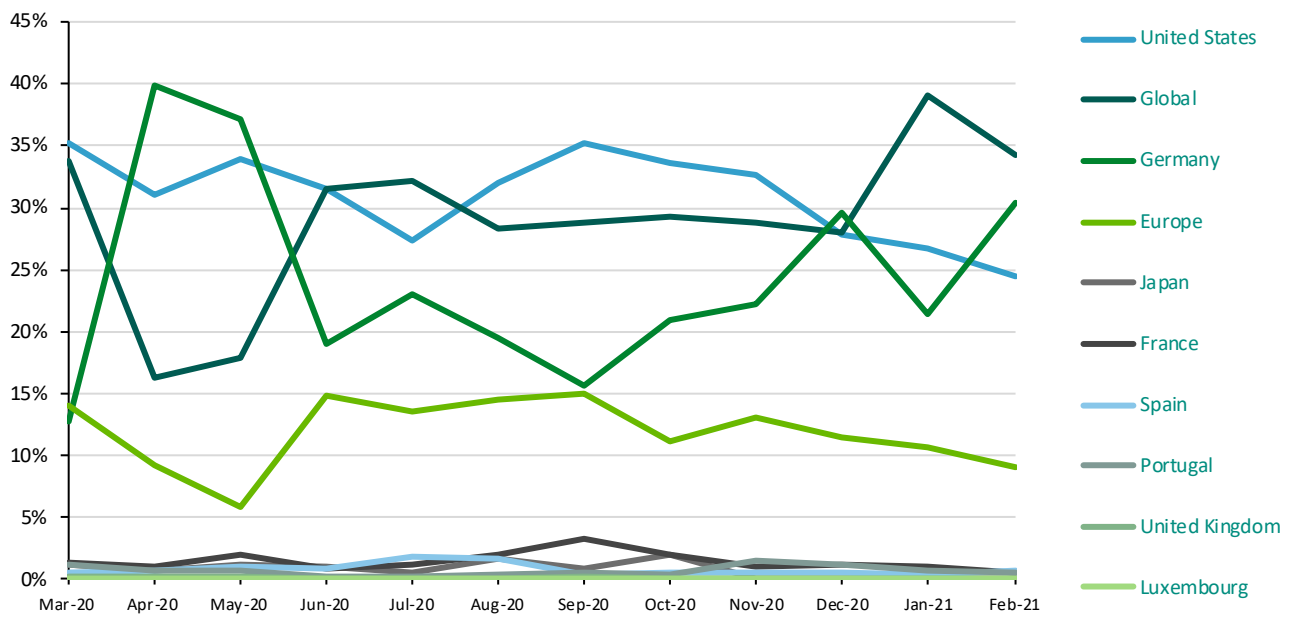
(Source Euronext)



# TOP 10 UNDERLYING COUNTRIES

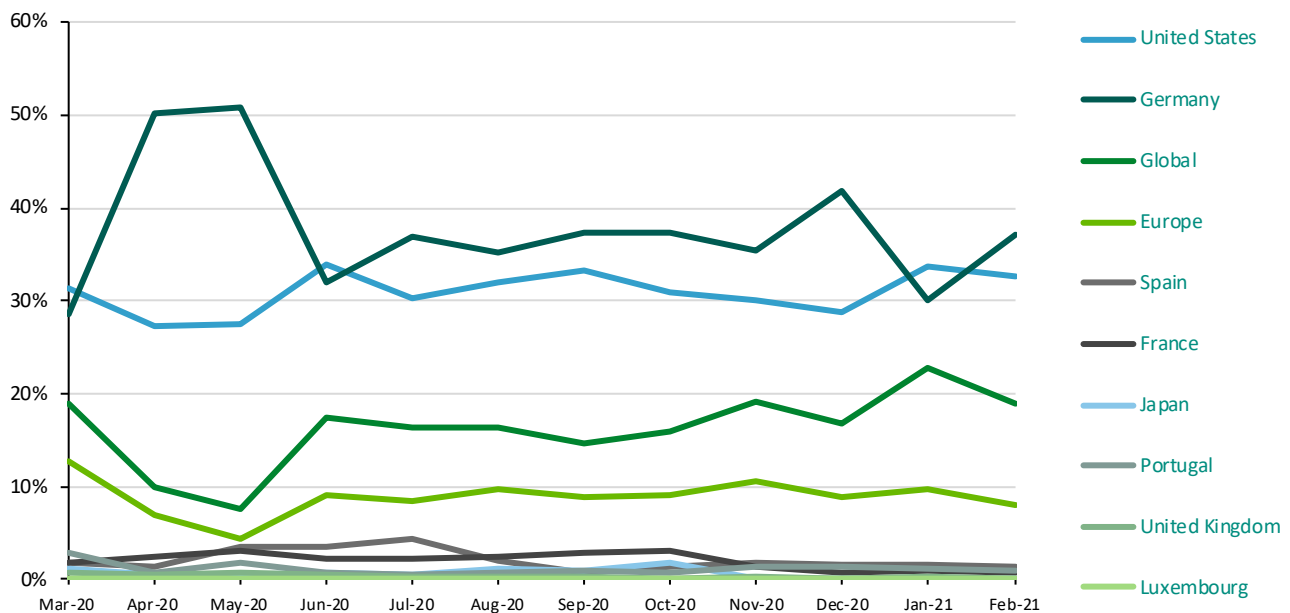
## Market Trend: Value traded

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

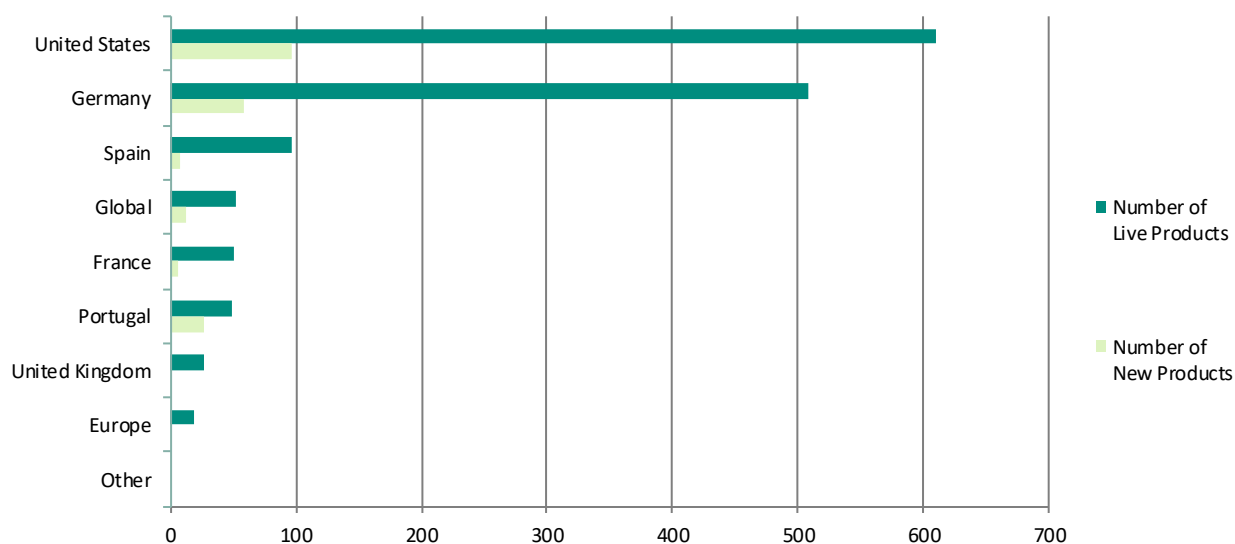
### Product Overview

The table below displays the daily 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 number of live products and number of new products for each top 10 underlying country.

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	610	12.1%	11.6%	43.2%	97	-51%	-56%	46.6%
Germany	509	17.3%	-11.1%	36.1%	58	-68%	-68%	27.9%
Spain	96	3.9%	-7.9%	6.8%	7	-73%	-72%	3.4%
Global	52	-1.5%	5.2%	3.7%	13	-18.8%	-26%	6.3%
France	51	1.1%	3.3%	3.6%	6	0.0%	-63%	2.9%
Portugal	49	51%	-6.9%	3.4%	27		826%	13.0%
United Kingdom	26	11.6%	55%	1.8%	0	-100%	-100%	0.0%
Europe	19	-2.4%	-15.9%	1.3%	0		-100%	0.0%
Other	0		-100%	0.0%	0			0.0%
<b>Total</b>	<b>1,412</b>	<b>13.1%</b>	<b>-0.3%</b>	<b>100%</b>	<b>208</b>	<b>-52.0%</b>	<b>-55.8%</b>	<b>100%</b>

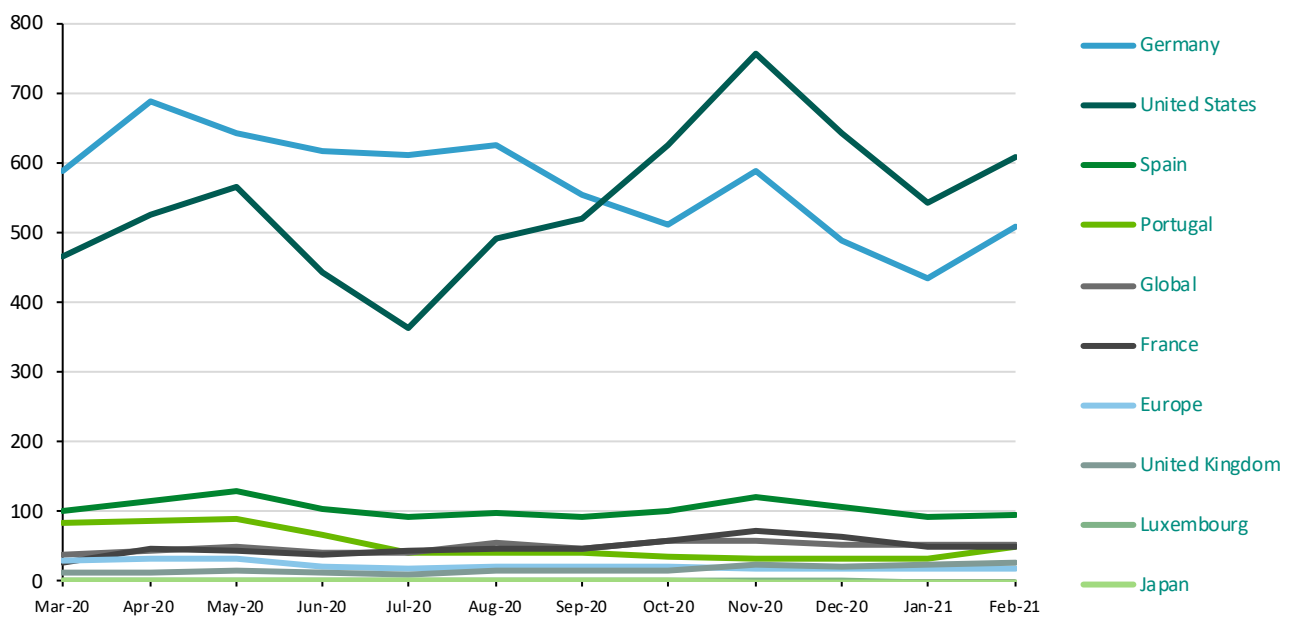
(Source Euronext)



# TOP 10 UNDERLYING COUNTRIES

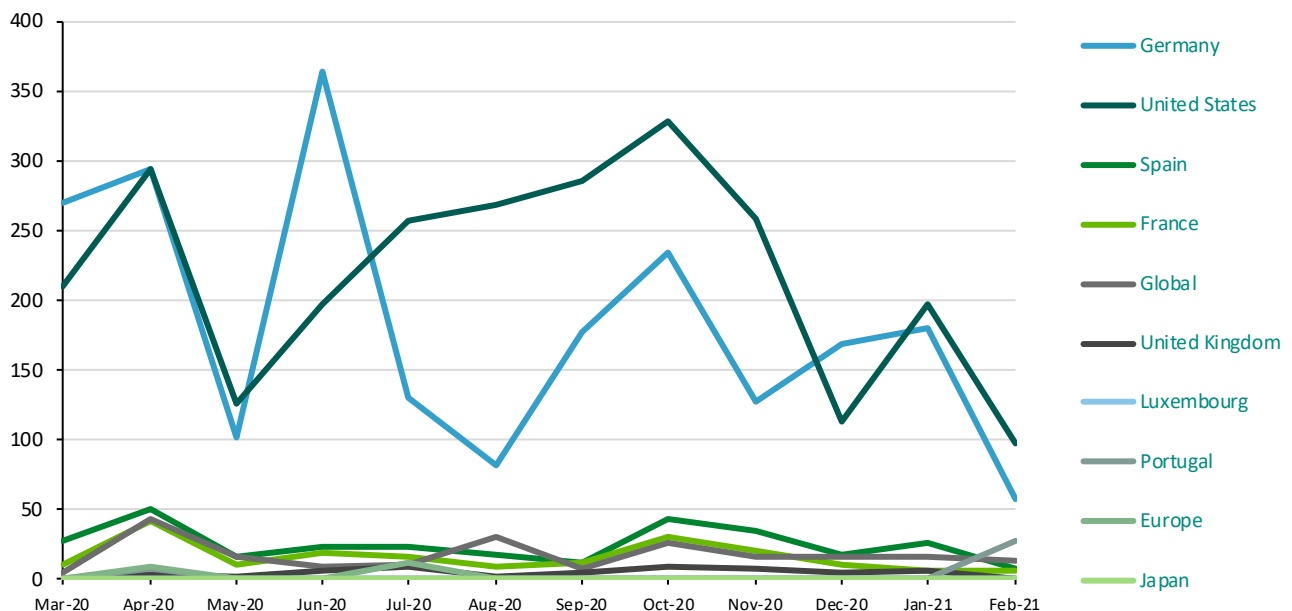
## Product Trend: Number of Live Products

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

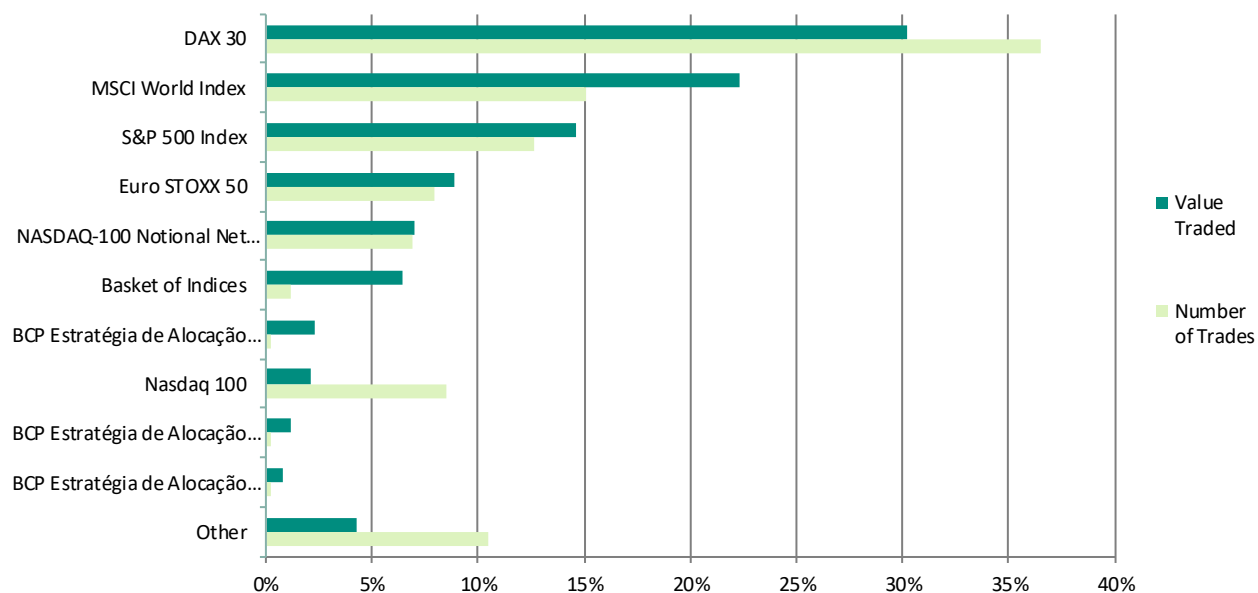
## Market Overview

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	1,147	67%	120%	30.2%	114	48.7%	26.0%	36.5%
MSCI World Index	848	4.4%	47%	22.3%	47	-5.7%	30%	15.1%
S&P 500 Index	553	-5.6%	19.7%	14.6%	40	-3.7%	1.5%	12.6%
Euro STOXX 50	336	-0.3%	31%	8.9%	25	-1.6%	12.6%	7.9%
NASDAQ-100 Notional Net Total Return	265	42%	196%	7.0%	22	49%	206%	6.9%
Basket of Indices	244	11.4%	521%	6.4%	3.8	-1.3%	431%	1.2%
BCP Estratégia de Alocação Moderada	89	87%	731%	2.3%	0.8	-30%	423%	0.3%
Nasdaq 100	79	25%	-3.1%	2.1%	27	21%	49%	8.5%
BCP Estratégia de Alocação Valorização	43	-25%	446%	1.1%	0.8	-45%	353%	0.3%
BCP Estratégia de Alocação Dinâmica	28	-62%	251%	0.7%	0.7	-44%	358%	0.2%
Other	162	-9.0%	-6.0%	4.3%	33	11.1%	-18.1%	10.5%
<b>Total</b>	<b>3,793</b>	<b>16.9%</b>	<b>70.4%</b>	<b>100%</b>	<b>313</b>	<b>17.3%</b>	<b>23.0%</b>	<b>100%</b>

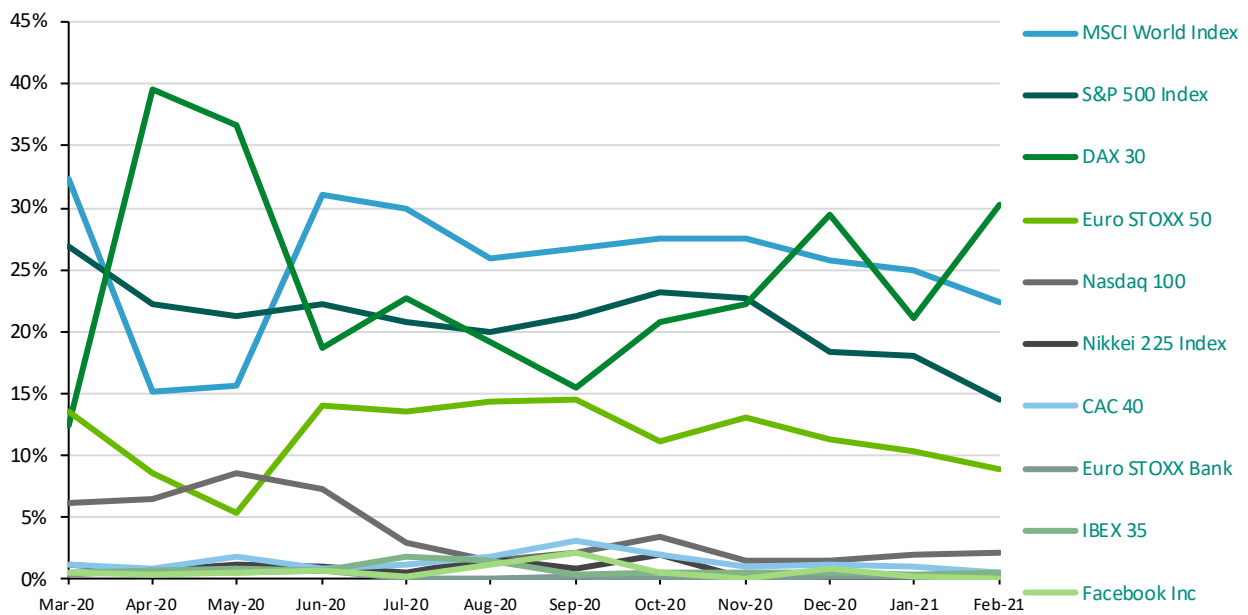
(Source Euronext)



# TOP 10 UNDERLYINGS

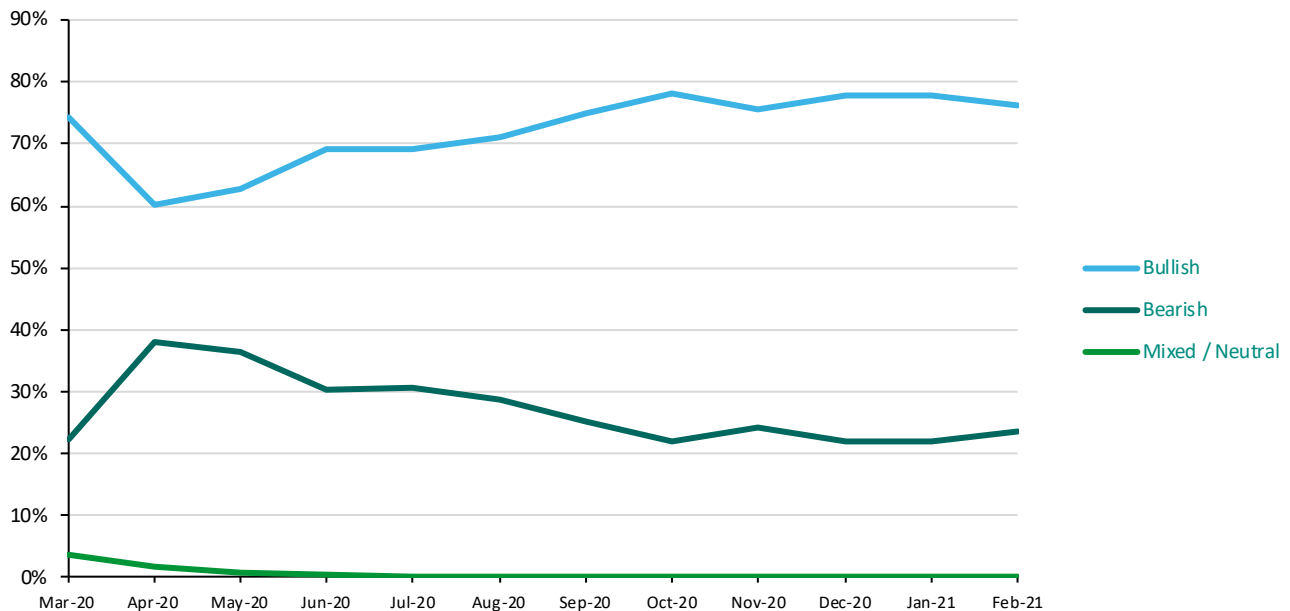
## Market Trend: Value traded

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

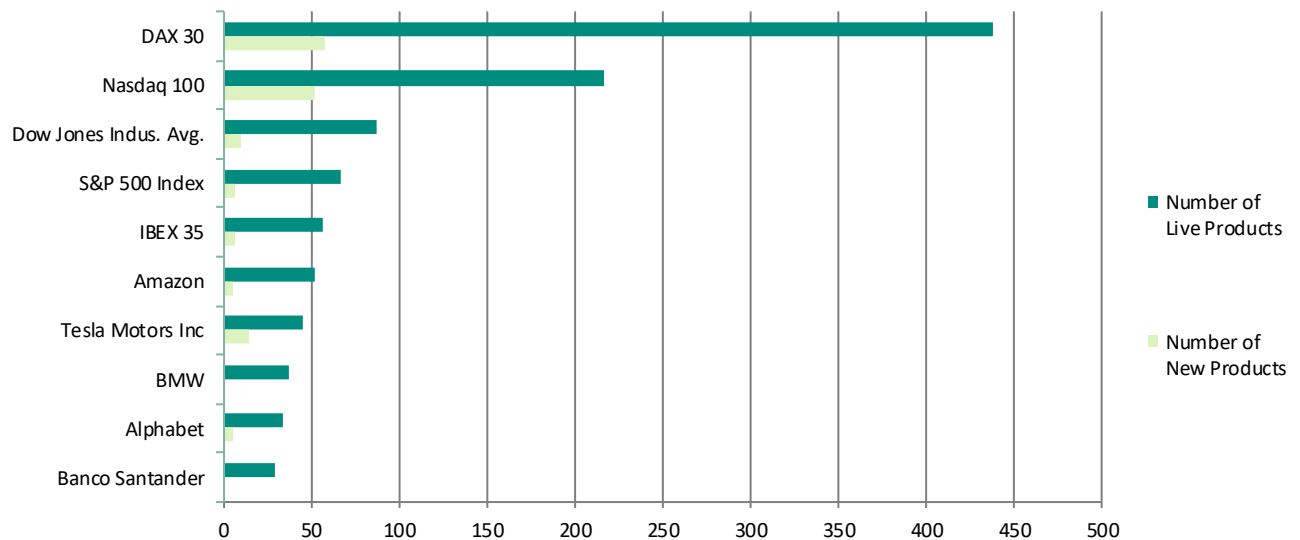
## Product Overview

The table below displays the daily 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 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	438	17.9%	-13.0%	31.0%	58	-65%	-67%	27.9%
Nasdaq 100	216	16.1%	35%	15.3%	52	-55%	-53%	25.0%
Dow Jones Indus. Avg.	87	2.2%	-15.0%	6.2%	10	-29%	-72%	4.8%
S&P 500 Index	66	3.3%	-1.2%	4.7%	7	-22%	-64%	3.4%
IBEX 35	56	0.9%	-29%	4.0%	7	-59%	-69%	3.4%
Amazon	52	31%	37%	3.7%	5	-67%	-61%	2.4%
Tesla Motors Inc	45	28%	32%	3.2%	14	-46%	26%	6.7%
BMW	37	22%	26%	2.6%	0	-100%	-100%	0.0%
Alphabet	34	18.2%	14.1%	2.4%	5	-16.7%	-37%	2.4%
Banco Santander	29	12.2%	87%	2.1%	0	-100%	-100%	0.0%
Other	350	7.7%	-1.4%	24.8%	50			24.0%
<b>Total</b>	<b>1,412</b>	<b>13.1%</b>	<b>-0.3%</b>	<b>100%</b>	<b>208</b>	<b>-52.0%</b>	<b>-55.8%</b>	<b>100%</b>

(Source Euronext)

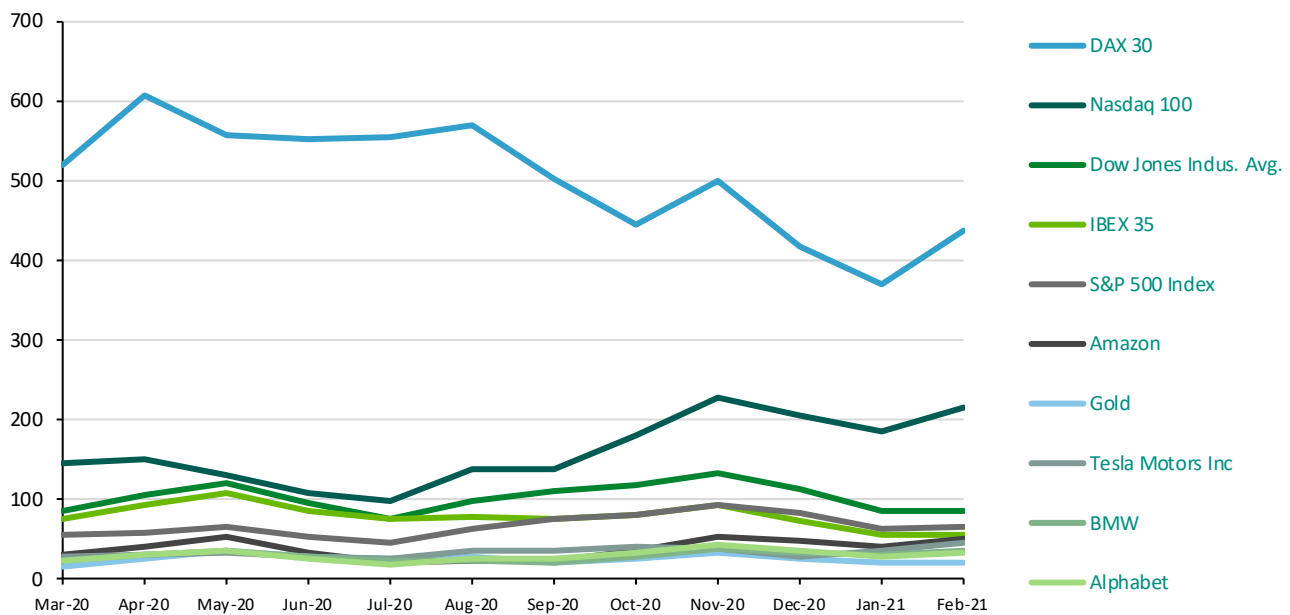




# TOP 10 UNDERLYINGS

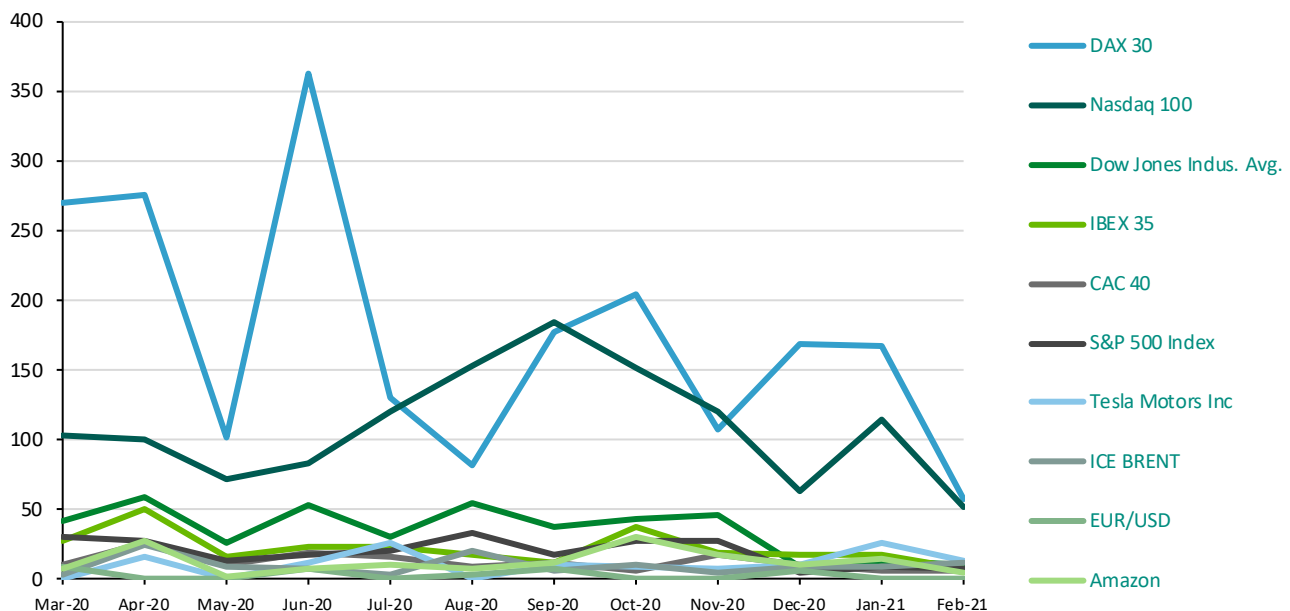
## Product Trend: Number of Live Products

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	
PTBITTYE0094	BCP	1300	Tracker Certificates	MSCI World Index	16,950	945
PTBITHYM0080	BCP	1300	Tracker Certificates	S&P 500 Index	10,893	706
PTBIVRYE0068	BCP	1300	Tracker Certificates	Euro STOXX 50	6,729	495
DE000SD1VX22	Société Générale	2200	Knock-Out Warrants	DAX 30	5,797	369
PTBCPZYM0047	BCP	1300	Tracker Certificates	NASDAQ-100 Notional Net Tot	5,301	435
PTBIT7YM0043	BCP	1300	Tracker Certificates	Basket of Indices	4,886	75
DE000KB7T969	Citi	2200	Knock-Out Warrants	DAX 30	4,552	97
PTBIT8YM0042	BCP	1300	Tracker Certificates	BCP Estratégia de Alocação M	1,773	16
DE000KB195H9	Citi	2100	Warrants	DAX 30	1,686	21
PTBITEYE0034	BCP	1300	Tracker Certificates	DAX 30	1,582	122
DE000KB195G1	Citi	2100	Warrants	DAX 30	1,564	16
PTBIT9YM0041	BCP	1300	Tracker Certificates	BCP Estratégia de Alocação Va	854	16
DE000KB7UBQ1	Citi	2100	Warrants	DAX 30	684	17
PTBIT5YM0086	BCP	1300	Tracker Certificates	BCP Estratégia de Alocação Di	565	14
DE000KE2AU24	Citi	2200	Knock-Out Warrants	DAX 30	486	33
PTBIXRYE0025	BCP	1300	Tracker Certificates	IBEX 35	455	45
PTBIY1YE0064	BCP	1300	Tracker Certificates	PSI 20 Index	454	61
PTBIT4YM0087	BCP	1300	Tracker Certificates	BCP Estratégia de Alocação Co	395	9
DE000KE2ATK6	Citi	2200	Knock-Out Warrants	DAX 30	366	13
PTBIWKYE0023	BCP	1300	Tracker Certificates	CAC 40	350	37
DE000KE2AU08	Citi	2200	Knock-Out Warrants	DAX 30	338	10
DE000KB7UBK4	Citi	2100	Warrants	DAX 30	333	234
DE000SD0EAC2	Société Générale	2100	Warrants	DAX 30	314	8
DE000SD1VX63	Société Générale	2200	Knock-Out Warrants	DAX 30	311	21
DE000SD0D984	Société Générale	2100	Warrants	DAX 30	301	11
PTBCPYM0055	BCP	1300	Tracker Certificates	MSCI Emerging Markets	256	25
DE000KB195R8	Citi	2100	Warrants	DAX 30	236	3
DE000KB7T9U2	Citi	2200	Knock-Out Warrants	DAX 30	232	16
DE000SB05RZ5	Société Générale	2100	Warrants	DAX 30	226	50
DE000KB7UBH0	Citi	2100	Warrants	DAX 30	202	77
DE000SD2ME25	Société Générale	2200	Knock-Out Warrants	Nasdaq 100	198	46
DE000KB7UBN8	Citi	2100	Warrants	DAX 30	187	36
DE000SD2YSN5	Société Générale	2100	Warrants	Nasdaq 100	187	2
DE000KE2ASX1	Citi	2200	Knock-Out Warrants	Nasdaq 100	187	48
DE000KE2ASE1	Citi	2200	Knock-Out Warrants	DAX 30	180	41
DE000SD2N7Z5	Société Générale	2200	Knock-Out Warrants	Nasdaq 100	174	23
DE000KB7T944	Citi	2200	Knock-Out Warrants	DAX 30	161	24
DE000KB7UBB3	Citi	2100	Warrants	DAX 30	160	5
DE000KB7UBL2	Citi	2100	Warrants	DAX 30	153	149
DE000KB7UBC1	Citi	2100	Warrants	DAX 30	142	24
PTBCLOYE0028	BCP	1300	Tracker Certificates	Euro STOXX Bank	121	9
DE000SD3KQQ9	Société Générale	2200	Knock-Out Warrants	DAX 30	119	51
DE000SD1VX30	Société Générale	2200	Knock-Out Warrants	DAX 30	119	38
DE000KB7T936	Citi	2200	Knock-Out Warrants	DAX 30	111	73
PTBCPAYM0053	BCP	1300	Tracker Certificates	Gold	108	12
DE000SD2WLN4	Société Générale	2100	Warrants	DAX 30	101	3
DE000SD3KQP1	Société Générale	2200	Knock-Out Warrants	DAX 30	99	31
DE000SD1L7D5	Société Générale	2200	Knock-Out Warrants	Gold	96	18
DE000KE2AUQ1	Citi	2200	Knock-Out Warrants	Amazon	95	27
DE000SD25V43	Société Générale	2200	Knock-Out Warrants	Nasdaq 100	88	21

(Source Euronext)

# PARIS REAL ESTATE FUTURES CONTRACT



## EURONEXT FUTURES CONTRACT ON PARIS RESIDENTIAL REAL ESTATE

Euronext's futures contract on real estate proposes an innovative, alternative solution for investors seeking exposure to the Paris real estate market without the constraints of physical investment.

The contract is based on the PARISSQM index, a new reference price for Paris Residential Real Estate, created by Compass Financial Technologies and Kalstone, which has been live since May 2018.

Based solely on real transaction data, the index is published every two weeks with a six-week lag and quoted in euro per square metre.

The Compass Kalstone Paris Residential Property Index has been designed to provide a responsive and consistent benchmark for typical transacted prices in the residential real estate market.

### ABOUT THE INDEX

- The first investable benchmark to replicate the evolution of Paris real estate housing prices
- Based on a proprietary methodology using central tendency, stratification and noise filtering techniques
- Published every two weeks with a lag of six weeks. Index value represents the observed transacted price per square metre over the specific two-week period.
- The first pure proxy index (per square metre in euro) for the residential real estate market in Paris; based on real transaction data reported by the Paris Notaires Services\*
- More than 10 years data history collected and price evolution available on Bloomberg and Reuters.
- Compass Kalstone is a complementary partnership between financial indices expert Compass and real estate and finance solution provider Kalstone.

### BENEFITS OF THE PARIS REAL ESTATE FUTURES CONTRACT FOR USERS:

- Develop a flexible and efficient strategy to diversify property or trading portfolios.
- Hedge portfolio price risks with real estate futures
- The index reflects exact actual transactions, allowing investors to have accurate exposure to the real estate market, in a price per square metre
- Counterparty risk mitigation through LCH SA
- Cost efficiency: eliminates the constraints of a physical investment (no public notary required) and much lower capital requirements
- Transparency and liquidity: real-time quotation throughout market opening hours
- Financial leverage and flexibility
- Benefit from movements in housing prices

### Find out more

To find out more about the Paris real estate futures contract, contact the Euronext Commodities team at:

[commodities@euronext.com](mailto:commodities@euronext.com)

Business Development: +33 1 70 48 28 48

Product Development: +33 1 70 48 28 49

\* All property transactions in France must be made through a 'notaire', a legal specialist who is a public official acting on behalf of the French state.

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