



Warrants & Certificates

Activity report

Issue 112
November 2020

Contents

05 All Instruments

- 06 Issuers
- 10 Product types (EUSIPA categorization level 2)
- 14 Product types (EUSIPA categorization level 3)
- 18 Product strategies
- 22 Underlying types
- 26 Top 10 underlyings countries
- 30 Top 10 underlyings
- 34 Top 50 traded products

35 Euroclear Belgium Instruments

- 36 Issuers
- 40 Product types (EUSIPA categorization level 2)
- 44 Product types (EUSIPA categorization level 3)
- 48 Product strategies
- 52 Underlying types
- 56 Top 10 underlyings countries
- 60 Top 10 underlyings
- 64 Top 50 traded products

65 Euroclear France Instruments

- 66 Issuers
- 70 Product types (EUSIPA categorization level 2)
- 74 Product types (EUSIPA categorization level 3)
- 78 Product strategies
- 82 Underlying types
- 86 Top 10 underlyings countries
- 90 Top 10 underlyings
- 94 Top 50 traded products

This publication is for information purposes only and is not a recommendation to engage in investment activities. This publication is provided “as is” without representation or warranty of any kind. Whilst all reasonable care has been taken to ensure the accuracy of the content, Euronext does not guarantee its accuracy or completeness. Euronext will not be held liable for any loss or damages of any nature ensuing from using, trusting or acting on information provided. No information set out or referred to in this publication shall form the basis of any contract. The creation of rights and obligations in respect of financial products that are traded on the exchanges operated by Euronext’s subsidiaries shall depend solely on the applicable rules of the market operator. All proprietary rights and interest in or connected with this publication shall vest in Euronext. No part of it may be redistributed or reproduced in any form without the prior written permission of Euronext.

All data as of the date of publication unless stated otherwise. Euronext disclaims any duty to update this information.

Euronext refers to Euronext N.V. and its affiliates. Information regarding trademarks and intellectual property rights of Euronext is located at <https://www.euronext.com/en/terms-use>.

© 2021, Euronext N.V. - All rights reserved.

Contents

95 Euroclear Nederland Instruments

96	Issuers
100	Product types (EUSIPA categorization level 2)
104	Product types (EUSIPA categorization level 3)
108	Product strategies
112	Underlying types
116	Top 10 underlyings countries
120	Top 10 underlyings
124	Top 50 traded products

125 Interbolsa Instruments

126	Issuers
130	Product types (EUSIPA categorization level 2)
134	Product types (EUSIPA categorization level 3)
138	Product strategies
142	Underlying types
146	Top 10 underlyings countries
150	Top 10 underlyings
154	Top 50 traded products

	Euroclear Nederland Instruments	Euroclear Belgium Instruments	Interbolsa Instruments	Euroclear France Instruments	All Instruments
Live products (on 30/11/2020)	31,703	788	1,679	47,058	81,228
New Products	16,467	291	466	20,063	37,287
New Products YTD	188,423	4,344	5,417	223,651	421,835
Value Traded (in €m)	412.8	10.3	56.9	486.5	966.5
Value Traded YTD (in €m)	6,166.2	157.8	668.1	5,361.2	12,353.2
Value Traded ADV (in €m)	19.7	0.5	2.7	23.2	46.0
Value Traded YTD ADV (in €m)	25.8	0.7	2.8	22.4	51.7
Number of Trades	155,852	4,187	5,547	175,491	341,077
Number of Trades YTD	2,133,214	62,524	74,020	1,898,468	4,168,226
Number of Trades ADV	7,422	199	264	8,357	16,242
Number of Trades YTD ADV	8,926	262	310	7,943	17,440

(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

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

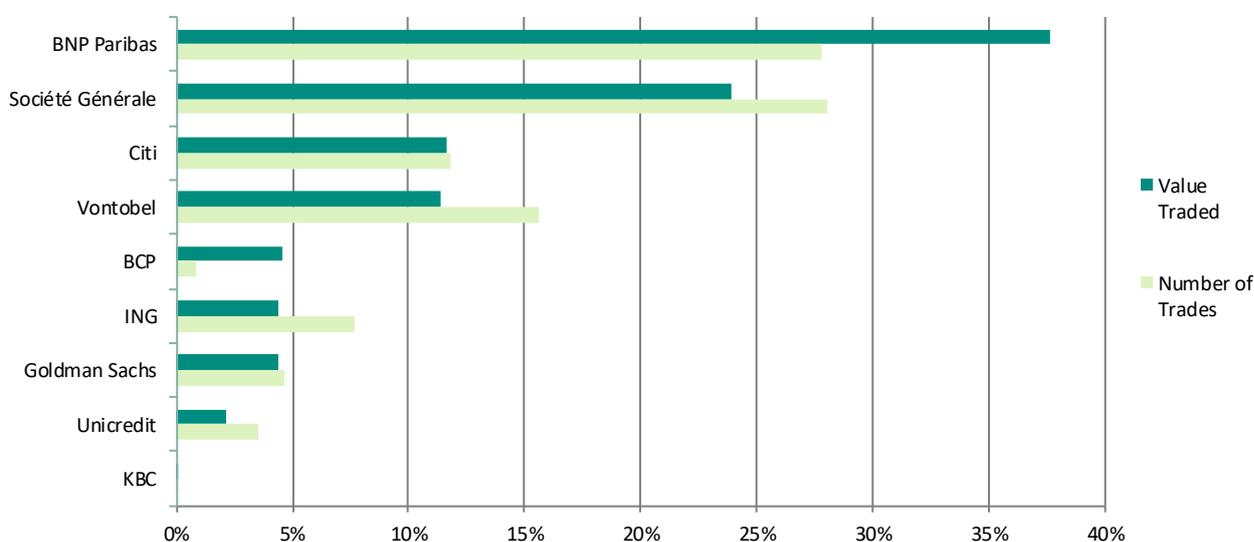
Market Overview

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	17,334	8.2%	-14.3%	37.7%	4,518	5.8%	-15.8%	27.8%
Société Générale	11,007	23%	12.9%	23.9%	4,553	14.0%	18.1%	28.0%
Citi	5,340	2.5%	27%	11.6%	1,920	-7.3%	1.9%	11.8%
Vontobel	5,228	74%	13.0%	11.4%	2,535	26.3%	16.7%	15.6%
BCP	2,114	53%	-17.4%	4.6%	144	46.5%	-20.4%	0.9%
ING	2,007	17.5%	-44%	4.4%	1,245	16.9%	-9.2%	7.7%
Goldman Sachs	2,005	27%	-28%	4.4%	749	40.3%	-17.5%	4.6%
Unicredit	989	3.0%	-11.9%	2.1%	579	11.3%	13.7%	3.6%
KBC	0	-99%	-100%	0.0%	0.0	-85.0%	-96.1%	0.0%
Total	46,023	18.4%	-10.1%	100%	16,242	11.6%	-5.7%	100%

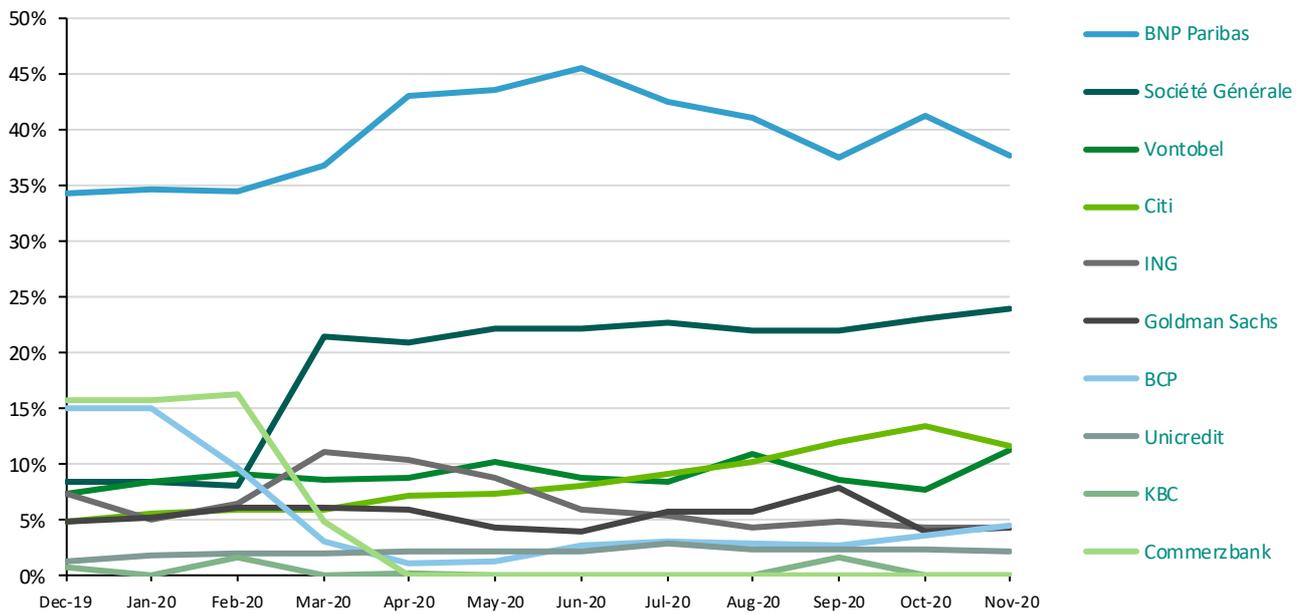
(Source Euronext)



ISSUERS

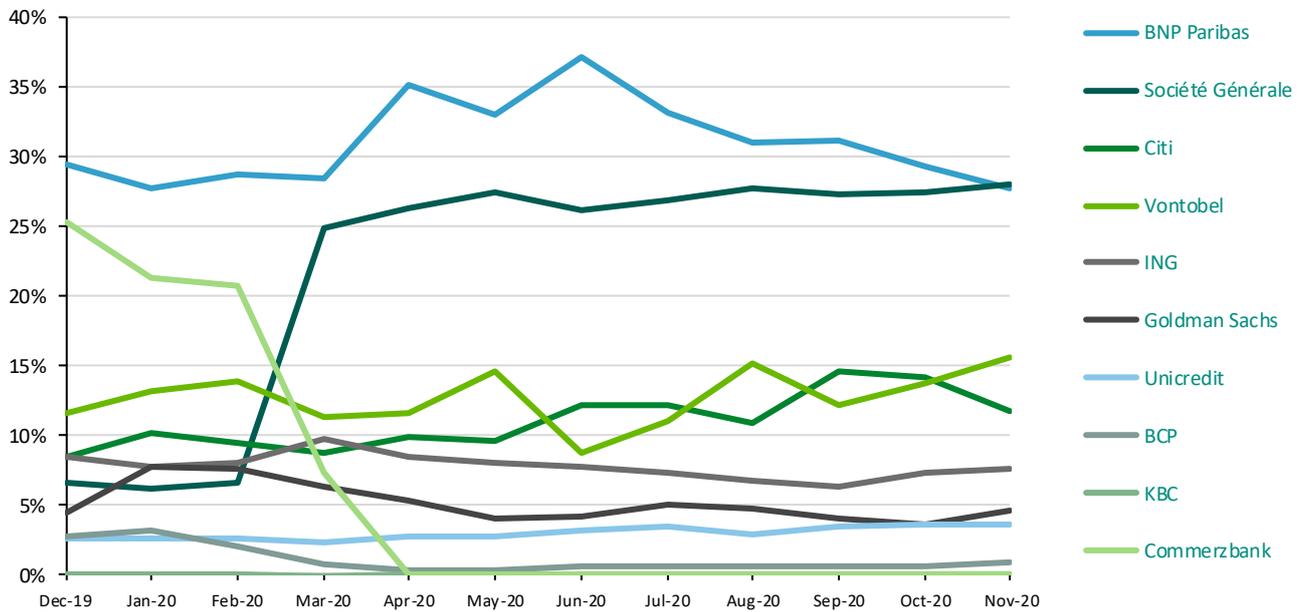
Market Trend: Value traded

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

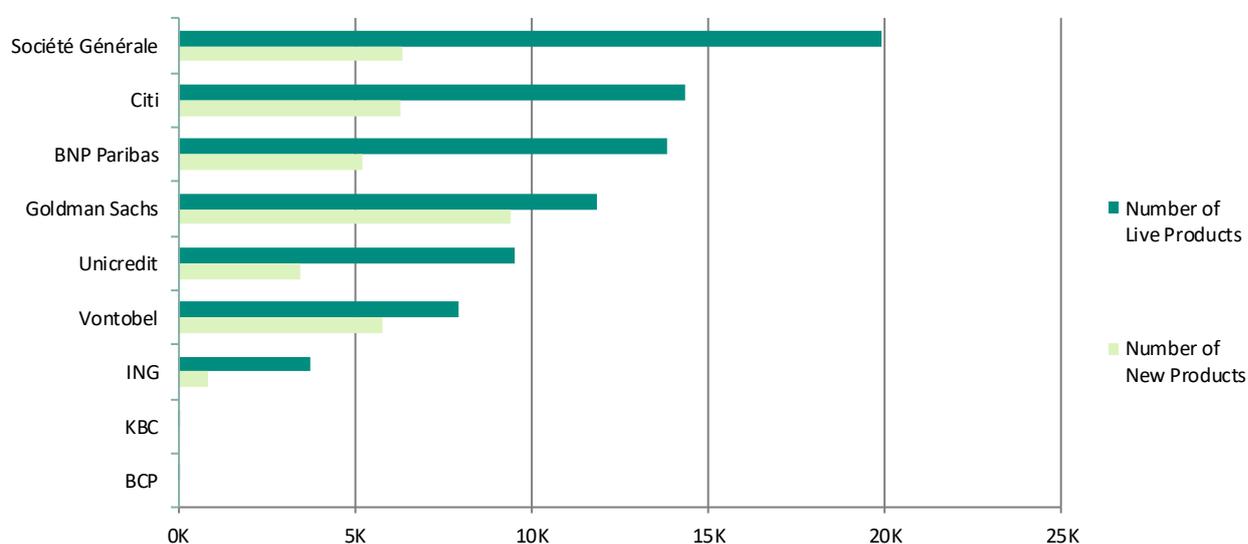
Product Overview

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	19,919	4.8%	19.5%	24.5%	6,351	33%	2.7%	17.0%
Citi	14,362	7.6%	11.3%	17.7%	6,316	7.0%	10.2%	16.9%
BNP Paribas	13,820	0.3%	-15.4%	17.0%	5,192	28%	-21%	13.9%
Goldman Sachs	11,882	7.2%	35%	14.6%	9,397	2.9%	25%	25.2%
Unicredit	9,548	14.3%	7.6%	11.8%	3,441	75%	22%	9.2%
Vontobel	7,954	4.2%	4.2%	9.8%	5,764	14.0%	2.2%	15.5%
ING	3,713	1.1%	-0.1%	4.6%	825	63%	1.1%	2.2%
KBC	26	2.0%	8.4%	0.0%	1	0.0%	-61%	0.0%
BCP	14	-10.7%	-14.5%	0.0%	0		-100%	0.0%
Total	81,239	5.6%	1.2%	100%	37,287	18.8%	2.3%	100%

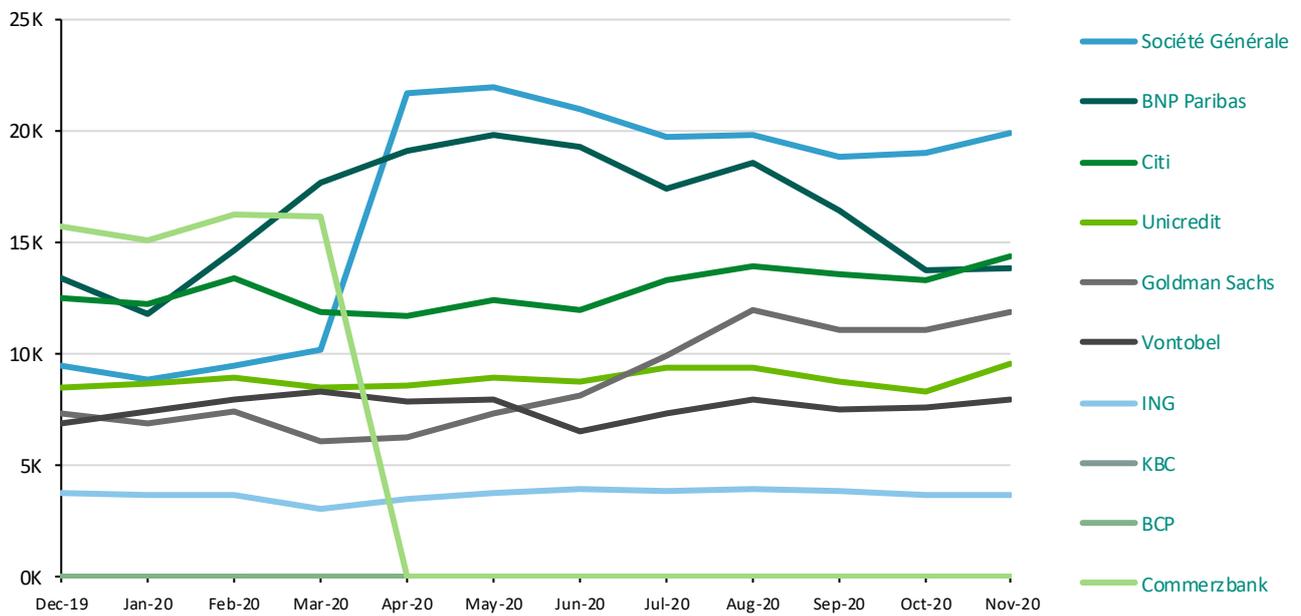
(Source Euronext)



ISSUERS

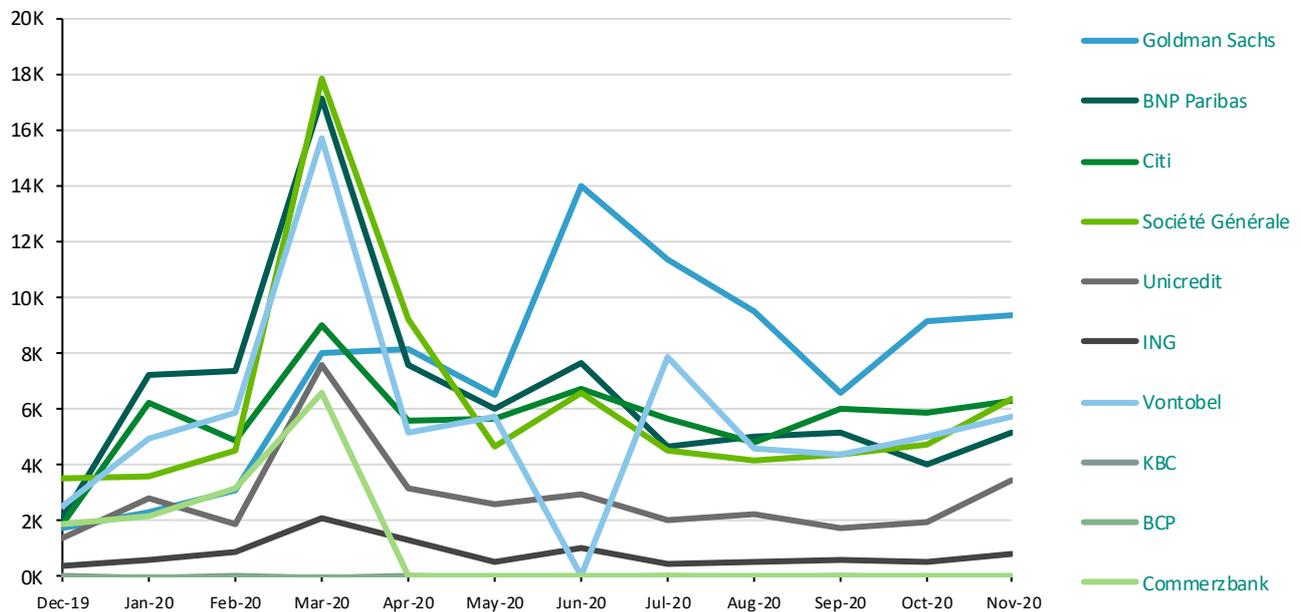
Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each issuer on 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 (EUSIPA¹ CATEGORIZATION LEVEL 2)

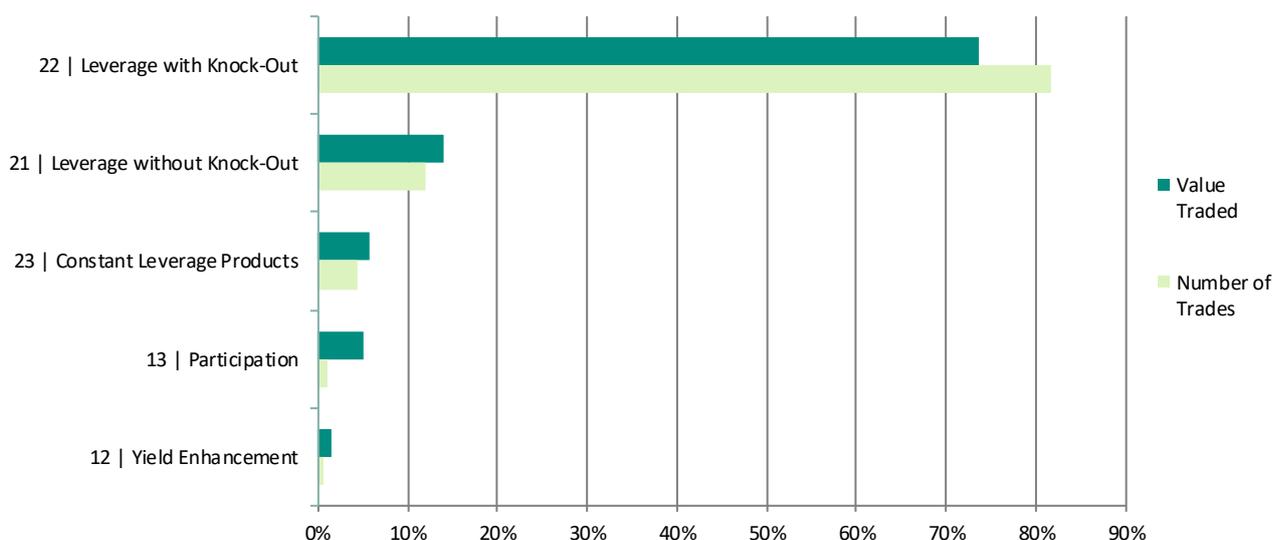
Market Overview

The table below displays the daily averages of value traded and number of trades per product type (EUSIPA¹ 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	33,932	17.7%	-9.4%	73.7%	13,287	8.5%	-5.9%	81.8%
21 Leverage without Knock-Out	6,411	26%	-7.7%	13.9%	1,967	27.5%	4.6%	12.1%
23 Constant Leverage Products	2,671	10.0%	-10.7%	5.8%	717	22.0%	-19.9%	4.4%
13 Participation	2,346	14.8%	-26%	5.1%	171	44.1%	-34.5%	1.1%
12 Yield Enhancement	664	47%	-0.5%	1.4%	101	70.4%	42.0%	0.6%
Total	46,023	18.4%	-10.1%	100%	16,242	11.6%	-5.7%	100%

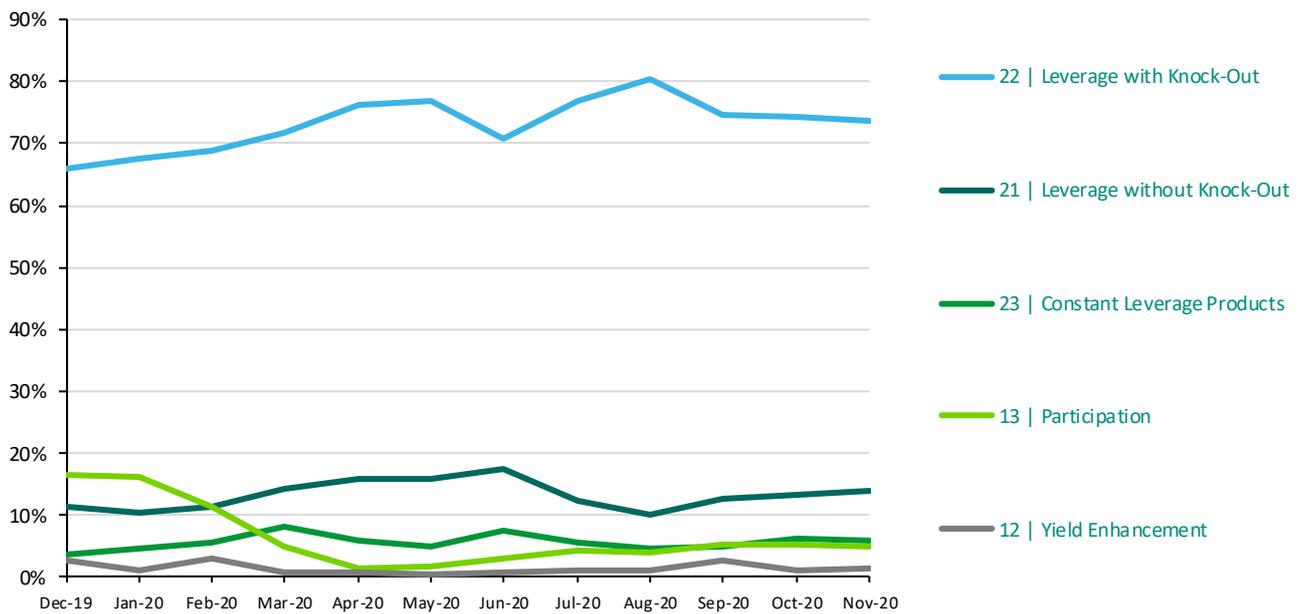
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

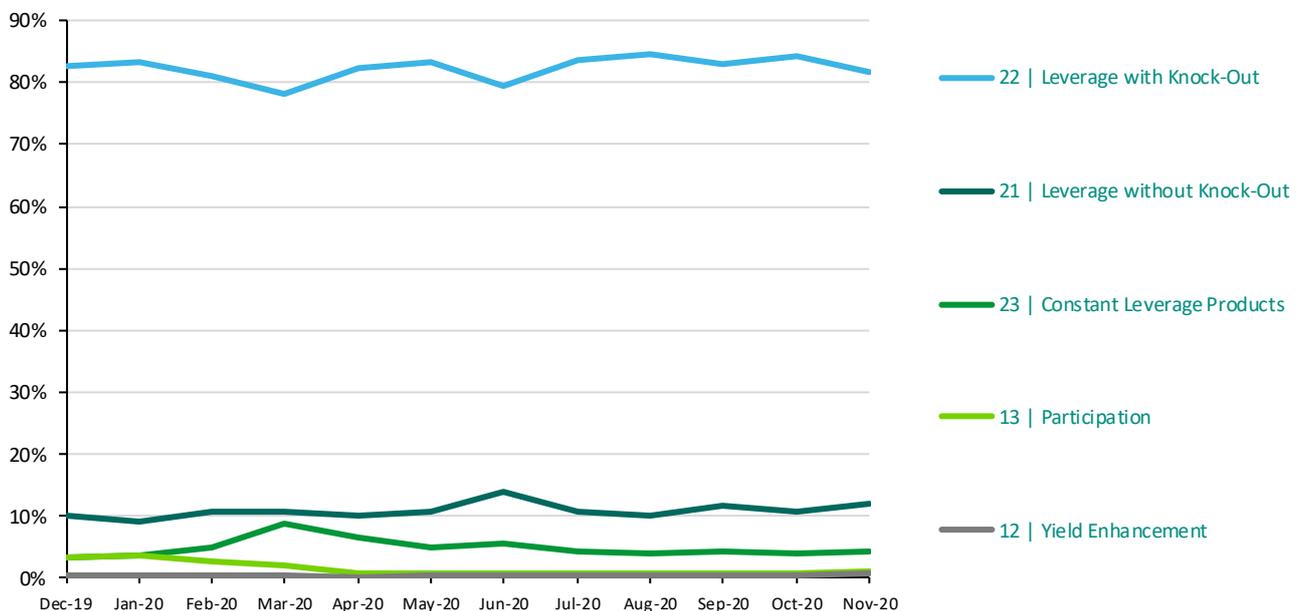
Market Trend: Value traded

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 (EUSIPA¹ CATEGORIZATION LEVEL 2)

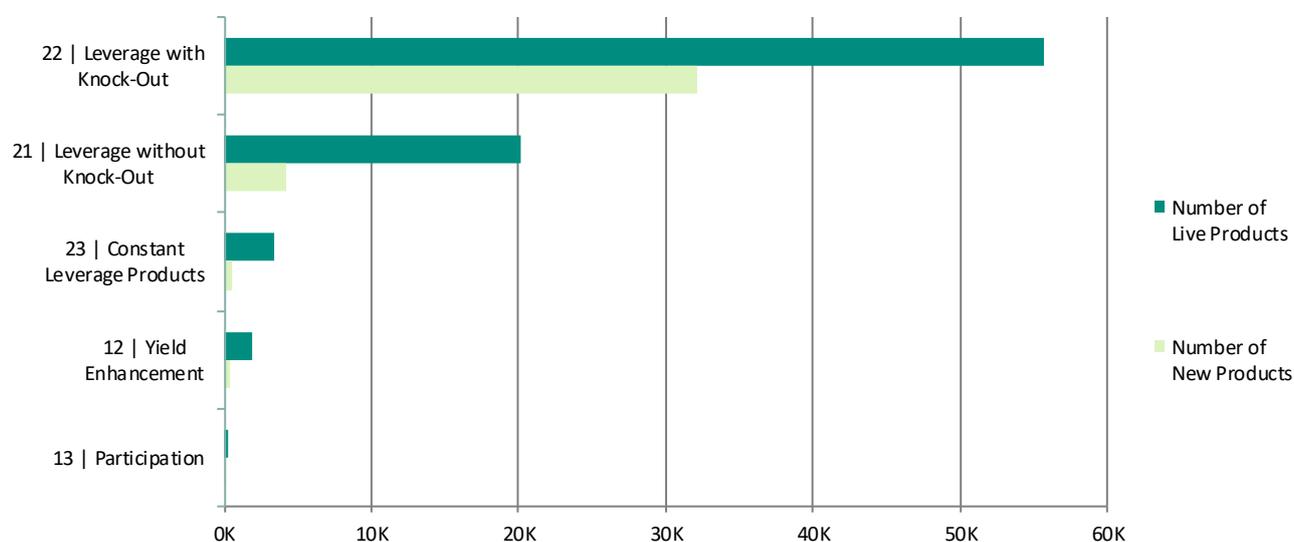
Product Overview

The table below displays the daily averages of value traded and number of trades per product type (EUSIPA¹ categorization level 2) on all instruments traded on Euronext's pan-European MTF, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each product type over the total.

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

Product Types (EUSIPA Categorization Level 2)	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
22 Leverage with Knock-Out	55,650	2.4%	3.1%	68.5%	32,200	21%	2.9%	86.4%
21 Leverage without Knock-Out	20,099	16.1%	-5.6%	24.7%	4,219	3.8%	-3.0%	11.3%
23 Constant Leverage Products	3,326	5.1%	9.9%	4.1%	464	62%	2.4%	1.2%
12 Yield Enhancement	1,865	3.4%	12.0%	2.3%	403	15.1%	23%	1.1%
13 Participation	299	-6.4%	3.3%	0.4%	1	-93%	-96%	0.0%
Total	81,239	5.6%	1.2%	100%	37,287	18.8%	2.3%	100%

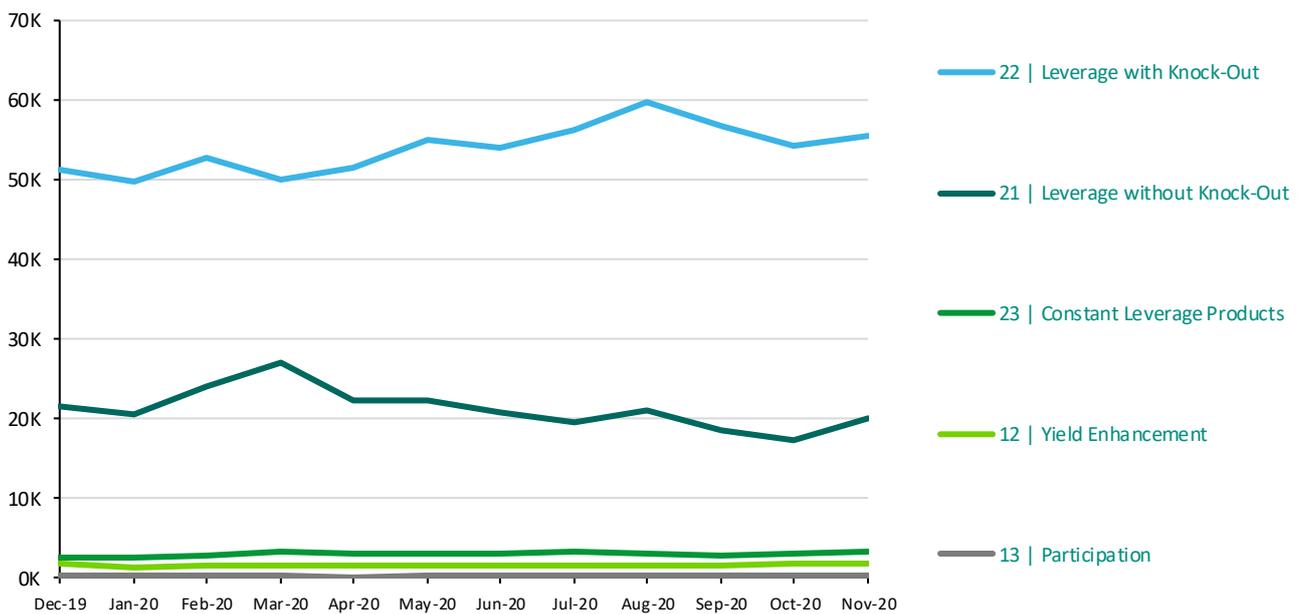
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

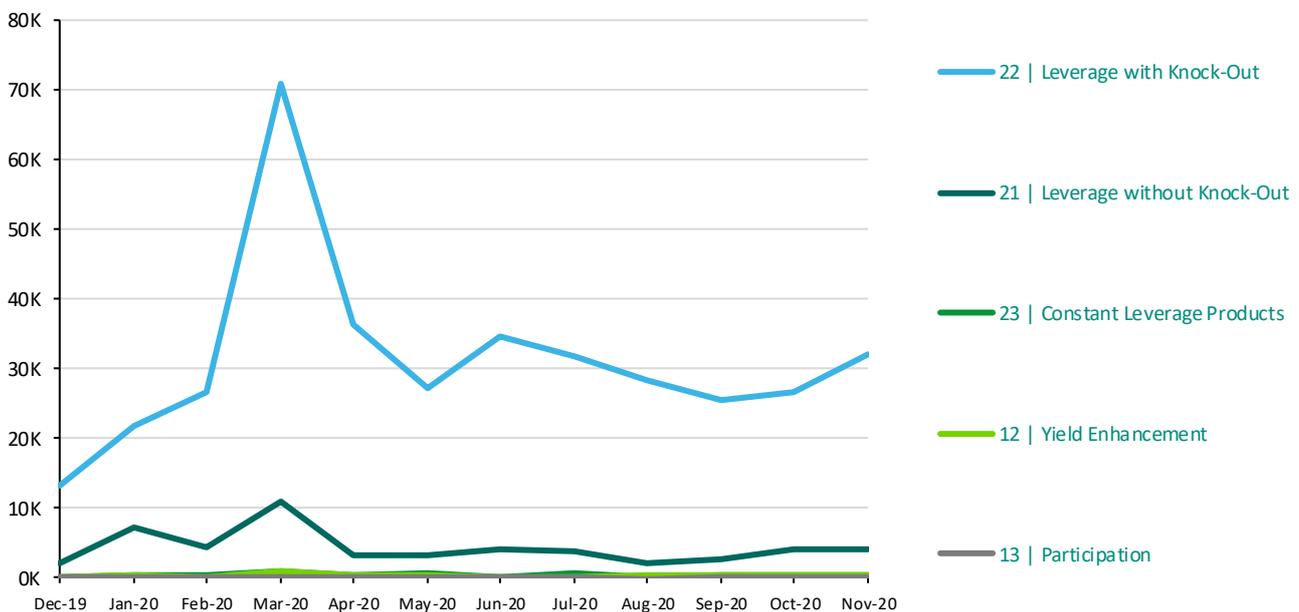
Product Trend: Number of Live Products

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 (EUSIPA¹ CATEGORIZATION LEVEL 3)

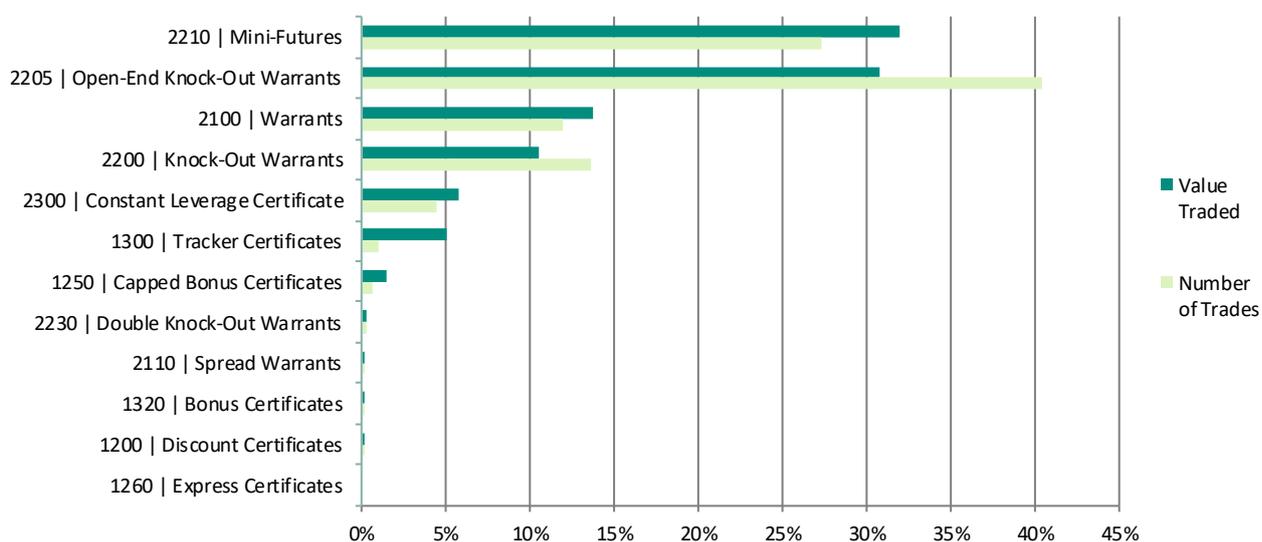
Market Overview

The table below displays the daily averages of value traded and number of trades per product type (EUSIPA¹ 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	14,725	38%	-3.3%	32.0%	4,445	22.5%	-0.3%	27.4%
2205 Open-End Knock-Out Warrants	14,204	12.5%	-16.3%	30.9%	6,573	4.0%	-12.7%	40.5%
2100 Warrants	6,324	26%	-7.4%	13.7%	1,945	29%	4.8%	12.0%
2200 Knock-Out Warrants	4,844	-9.9%	-5.7%	10.5%	2,217	-1.5%	5.9%	13.6%
2300 Constant Leverage Certificate	2,671	10.0%	-10.7%	5.8%	717	22%	-19.9%	4.4%
1300 Tracker Certificates	2,333	14.2%	-26%	5.1%	168	42%	-35%	1.0%
1250 Capped Bonus Certificates	662	59%	38%	1.4%	100	70%	44%	0.6%
2230 Double Knock-Out Warrants	159	16.4%	54%	0.3%	52	-6.0%	36%	0.3%
2110 Spread Warrants	87	-11.9%	-22%	0.2%	21	-37%	-10.7%	0.1%
1320 Bonus Certificates	13	762%	3.7%	0.0%	2.5	594%	17.0%	0.0%
1200 Discount Certificates	1	NA	64%	0.0%	0.7	NA	162%	0.0%
1260 Express Certificates	0	-100%	-100%	0.0%	0.0	-100%	-100%	0.0%
Total	46,023	18.4%	-10.1%	100%	16,242	11.6%	-5.7%	100%

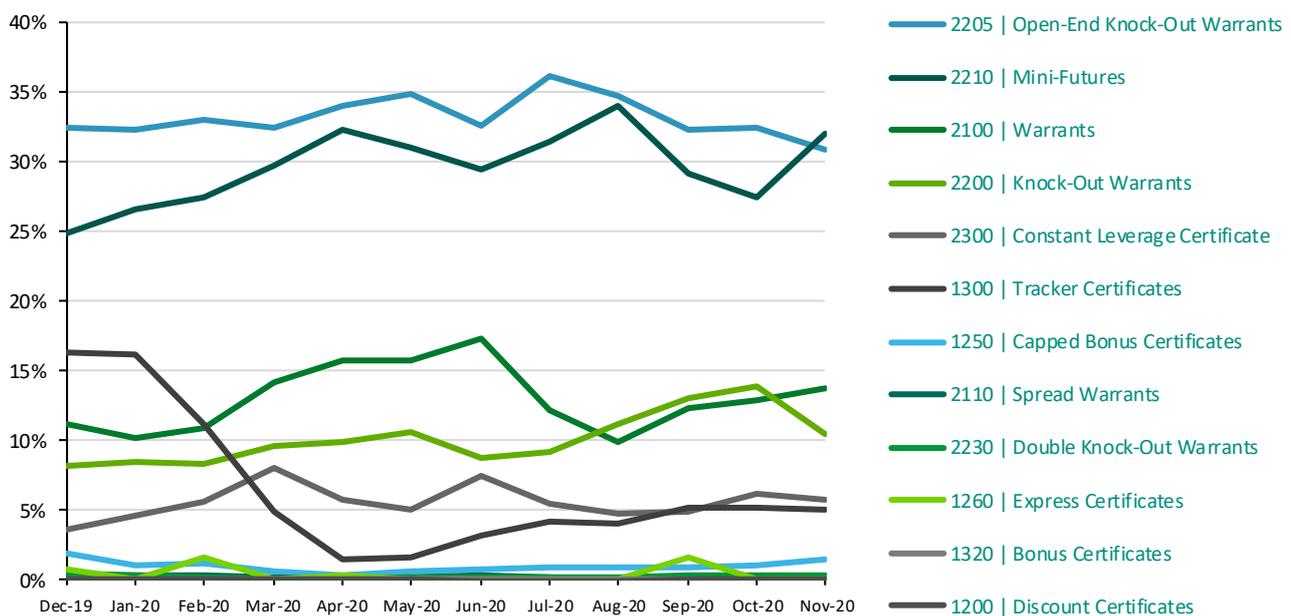
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

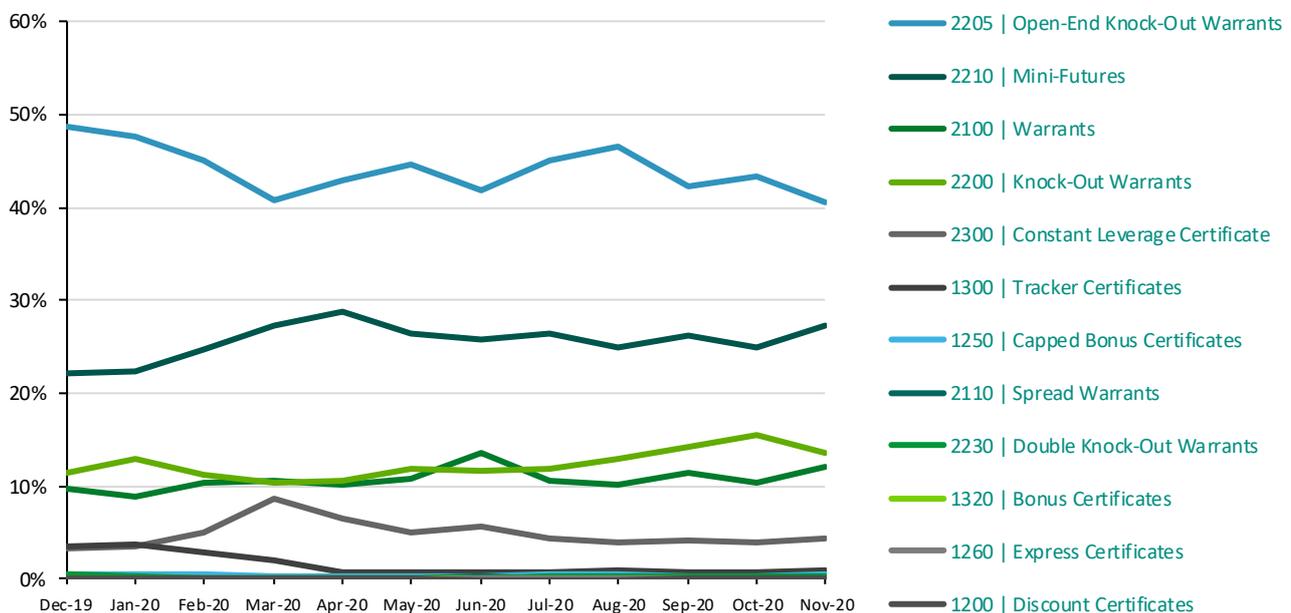
Market Trend: Value traded

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 (EUSIPA¹ CATEGORIZATION LEVEL 3)

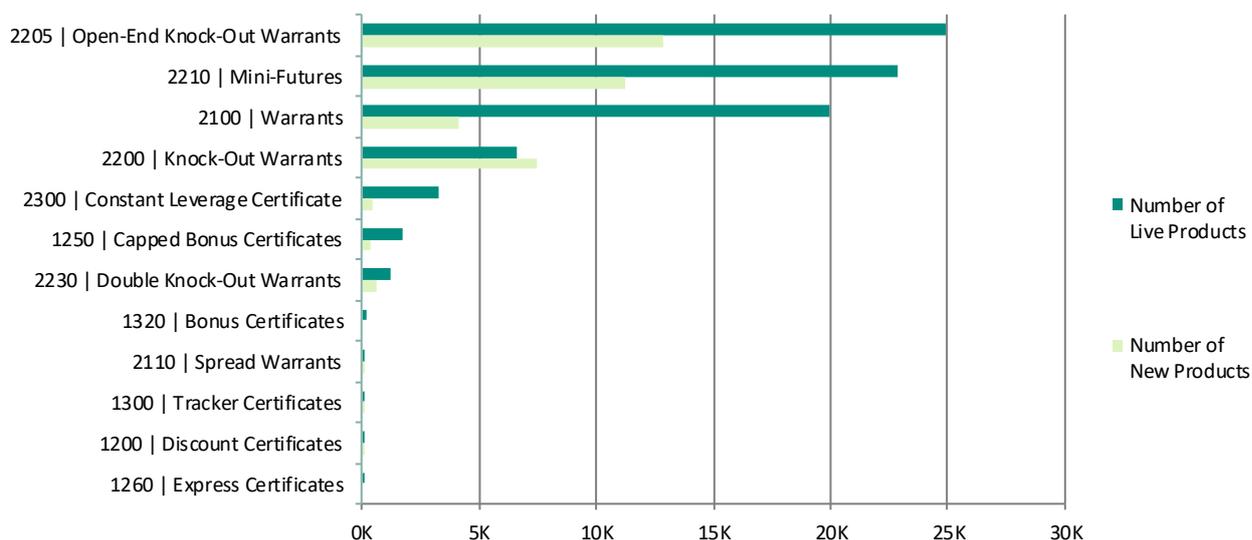
Product Overview

The table below displays the daily averages of value traded and number of trades per product type (EUSIPA¹ 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	24,926	0.8%	6.3%	30.7%	12,866	29%	2.2%	34.5%
2210 Mini-Futures	22,866	-0.1%	3.5%	28.1%	11,220	9.0%	-0.4%	30.1%
2100 Warrants	19,957	16.2%	-5.6%	24.6%	4,126	2.5%	-4.0%	11.1%
2200 Knock-Out Warrants	6,618	14.4%	-14.5%	8.1%	7,460	25%	4.9%	20.0%
2300 Constant Leverage Certificate	3,326	5.1%	9.9%	4.1%	464	62%	2.4%	1.2%
1250 Capped Bonus Certificates	1,785	3.1%	13.3%	2.2%	381	14.8%	23%	1.0%
2230 Double Knock-Out Warrants	1,240	34%	82%	1.5%	654	37%	101%	1.8%
1320 Bonus Certificates	177	-9.4%	16.5%	0.2%	0	-100%	-100%	0.0%
2110 Spread Warrants	143	5.4%	-10.3%	0.2%	93	158%	89%	0.2%
1300 Tracker Certificates	121	-1.5%	-11.4%	0.1%	1		71%	0.0%
1200 Discount Certificates	54	15.0%	-26%	0.1%	22	22%	28%	0.1%
1260 Express Certificates	26	2.0%	51%	0.0%	0		-100%	0.0%
Total	81,239	5.6%	1.2%	100%	37,287	18.8%	2.3%	100%

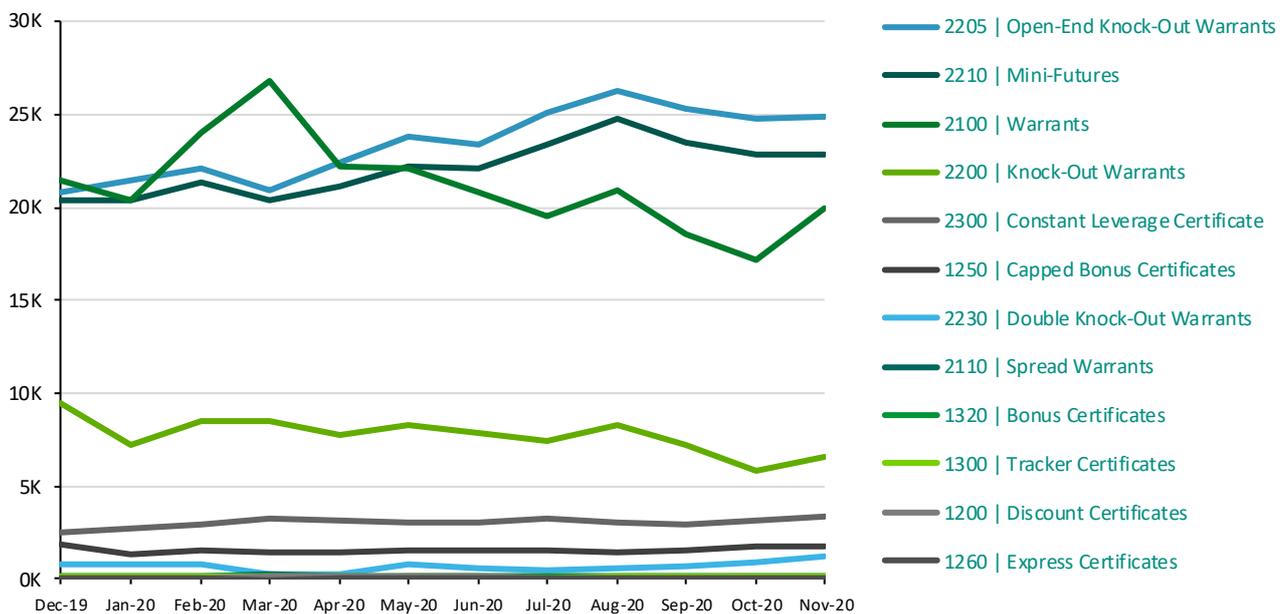
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

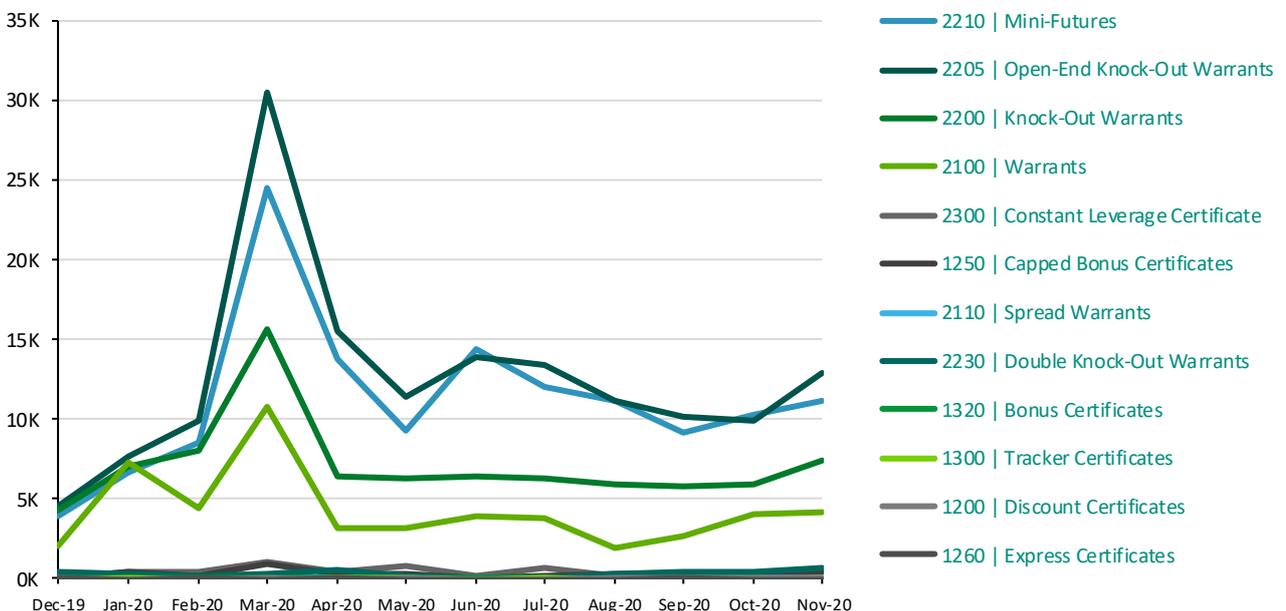
Product Trend: Number of Live Products

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

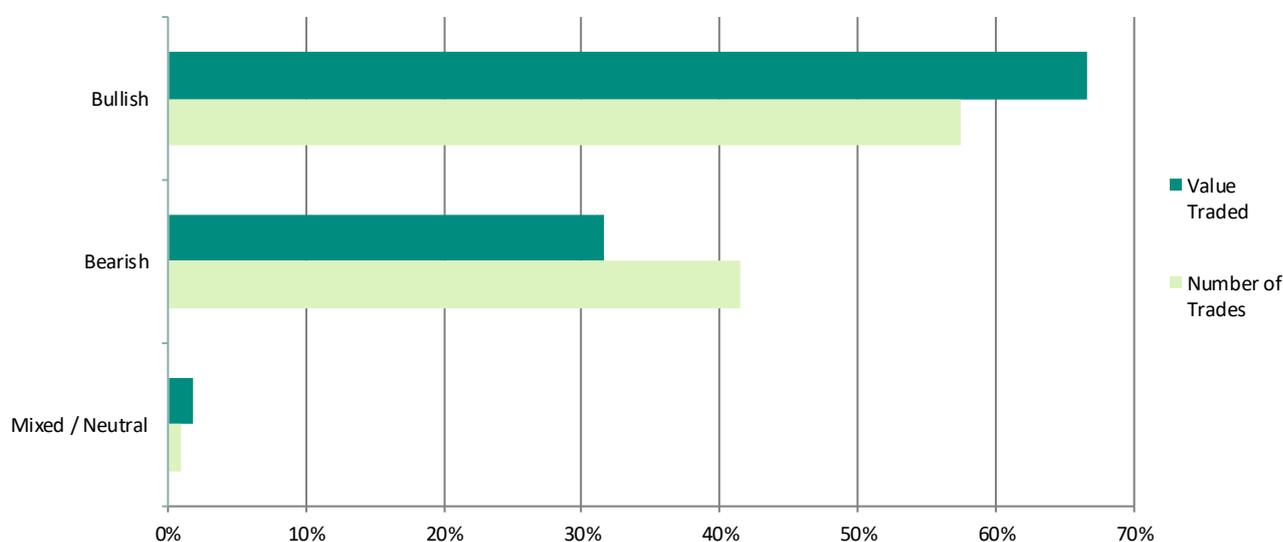
Market Overview

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	30,659	23%	-7.4%	66.6%	9,341	3.2%	-9.9%	57.5%
Bearish	14,521	8.6%	-16.6%	31.6%	6,742	25%	0.1%	41.5%
Mixed / Neutral	843	50%	24%	1.8%	158	33%	25%	1.0%
Total	46,023	18.4%	-10.1%	100%	16,242	11.6%	-5.7%	100%

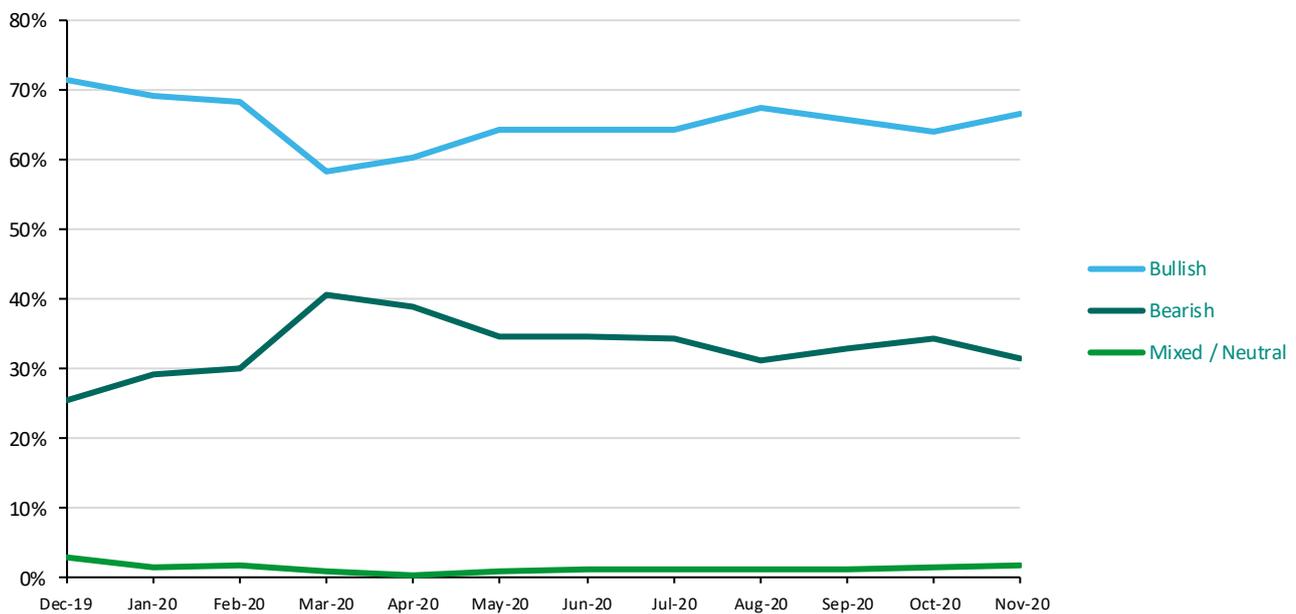
(Source Euronext)



PRODUCT STRATEGIES

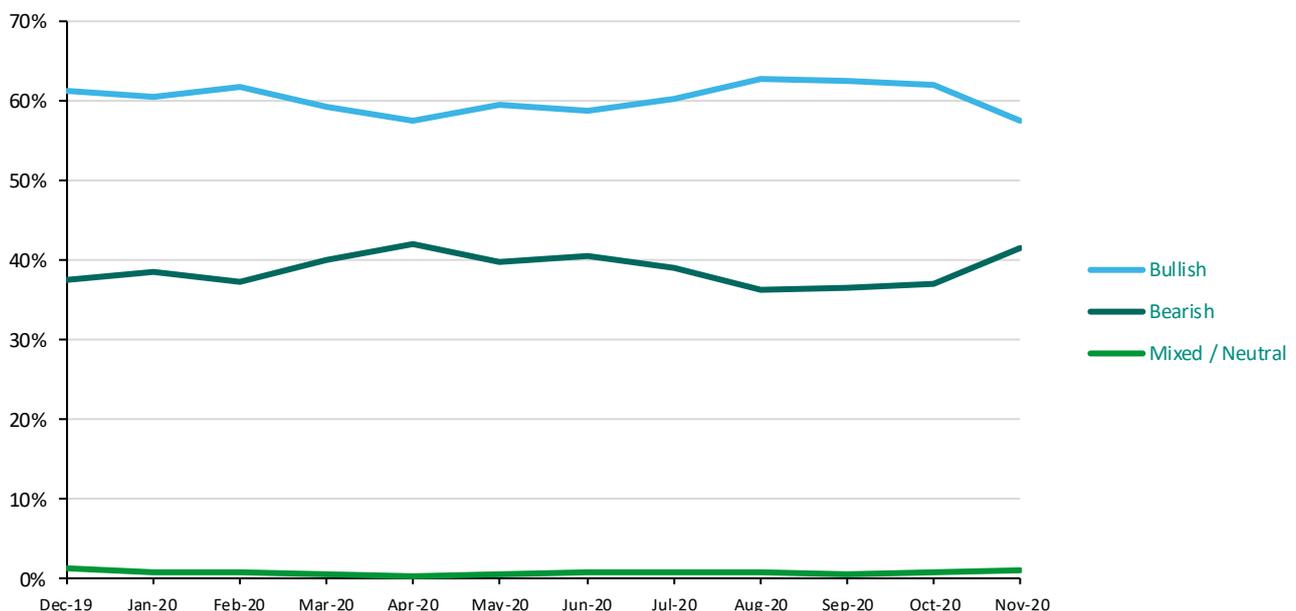
Market Trend: Value traded

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

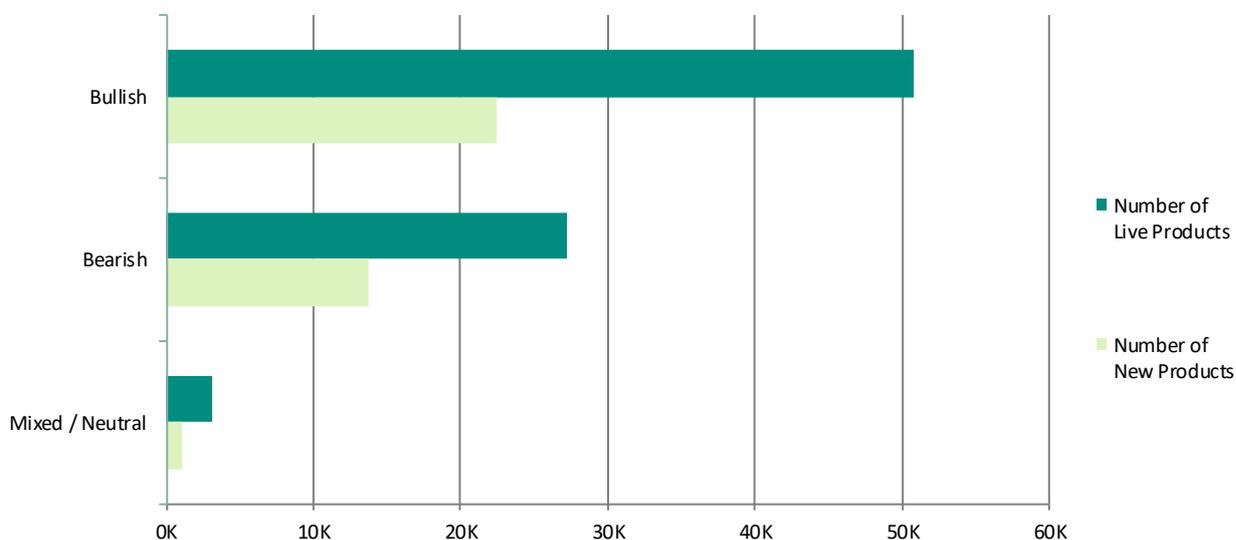
Product Overview

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	50,815	11.0%	6.6%	62.5%	22,513	36%	12.4%	60.4%
Bearish	27,269	-3.8%	-9.4%	33.6%	13,717	-2.1%	-12.8%	36.8%
Mixed / Neutral	3,155	13.4%	25%	3.9%	1,057	28%	56%	2.8%
Total	81,239	5.6%	1.2%	100%	37,287	18.8%	2.3%	100%

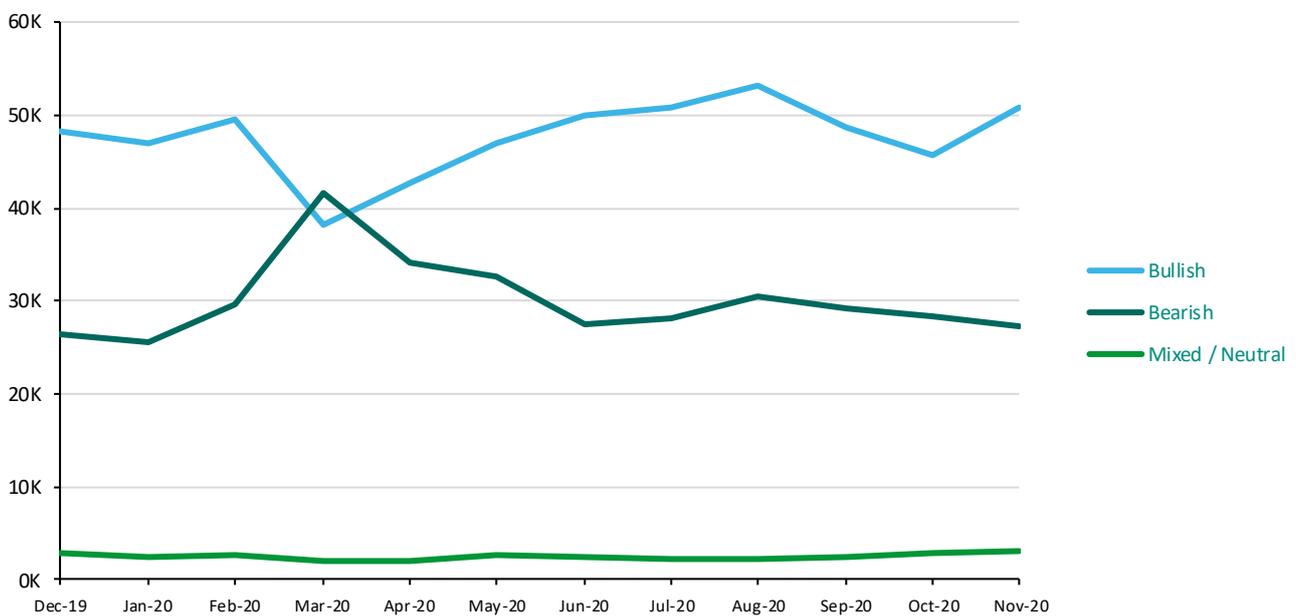
(Source Euronext)



PRODUCT STRATEGIES

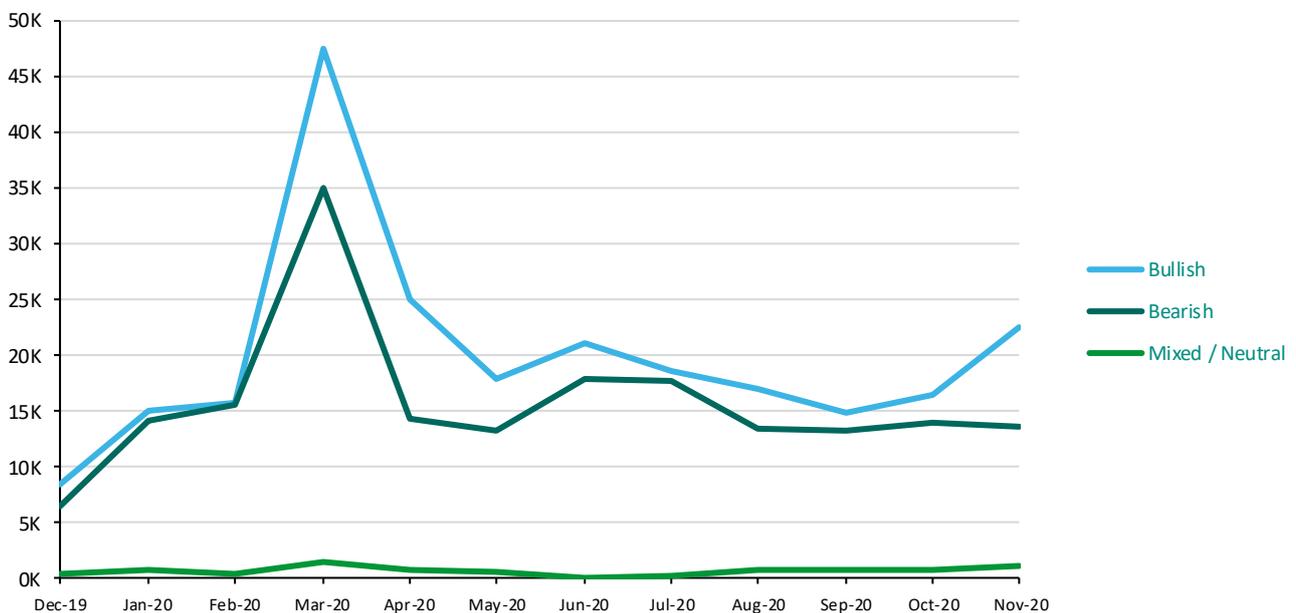
Product Trend: Number of Live Products

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

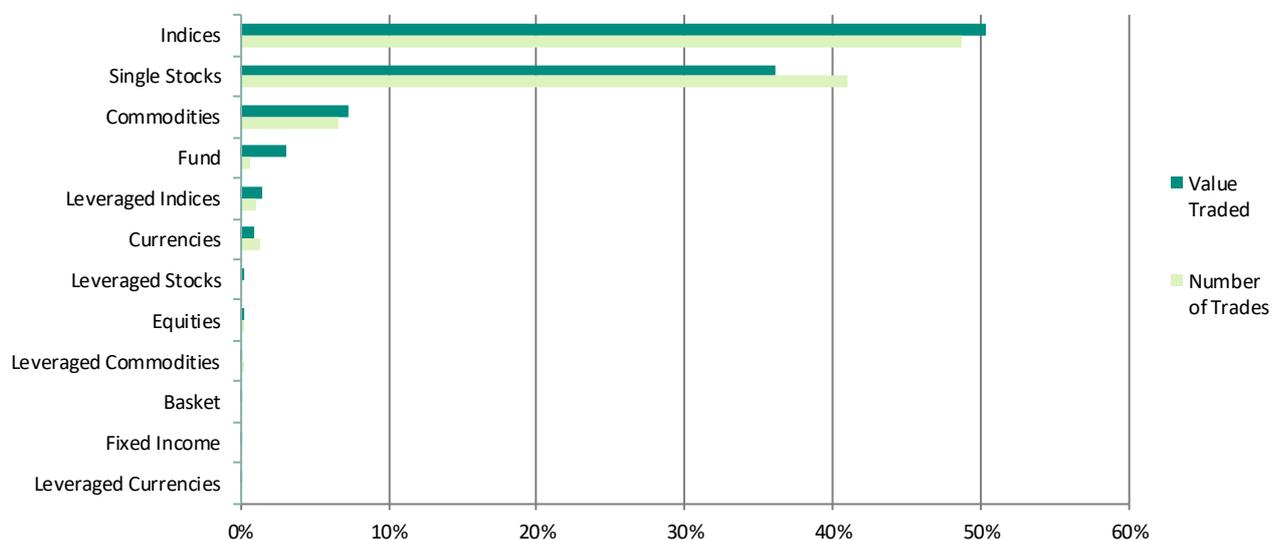
Market Overview

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	23,184	3.2%	-14.8%	50.4%	7,909	0.0%	-9.6%	48.7%
Single Stocks	16,640	49%	14.8%	36.2%	6,656	26.7%	5.7%	41.0%
Commodities	3,372	6.8%	-35%	7.3%	1,076	13.3%	-21.7%	6.6%
Fund	1,449	57%	-38%	3.1%	105	7.9%	-33.3%	0.6%
Leveraged Indices	671	1.9%	-44%	1.5%	179	35.0%	-46.5%	1.1%
Currencies	401	59%	-16.3%	0.9%	211	34.6%	0.4%	1.3%
Leveraged Stocks	89	256%	249%	0.2%	15	21.4%	-3.3%	0.1%
Equities	87	339%	746%	0.2%	36	245.9%	694.3%	0.2%
Leveraged Commodities	68	-50%	-60%	0.1%	44	34.0%	-42.5%	0.3%
Basket	49	52%	-30%	0.1%	2.1	-17.3%	-19.8%	0.0%
Fixed Income	13	549%	-69%	0.0%	8.7	116.7%	-31.8%	0.1%
Leveraged Currencies	0	9.0%	-91%	0.0%	0.1	4.8%	-34.4%	0.0%
Total	46,023	18.4%	-10.1%	100%	16,242	11.6%	-5.7%	100%

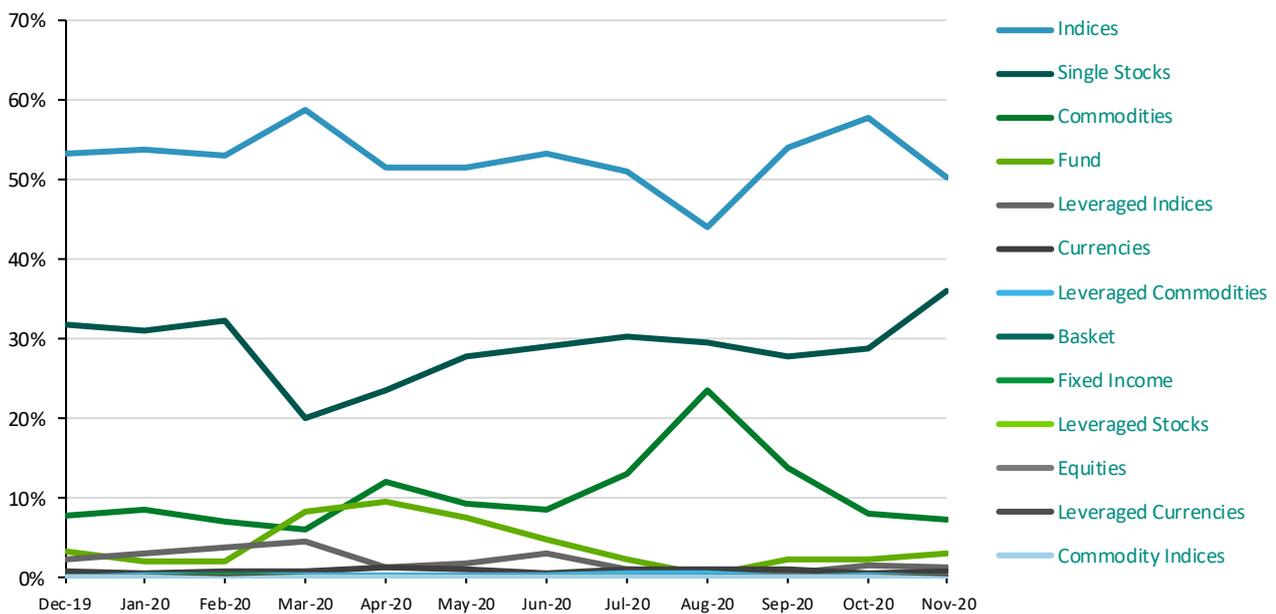
(Source Euronext)



UNDERLYING TYPES

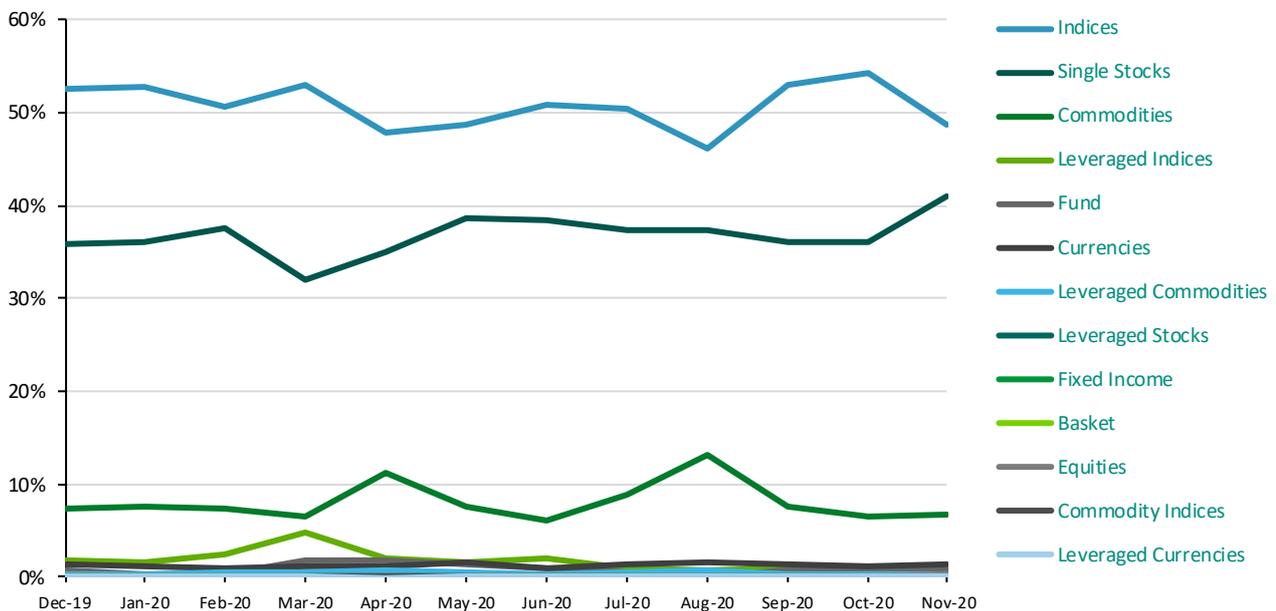
Market Trend: Value traded

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

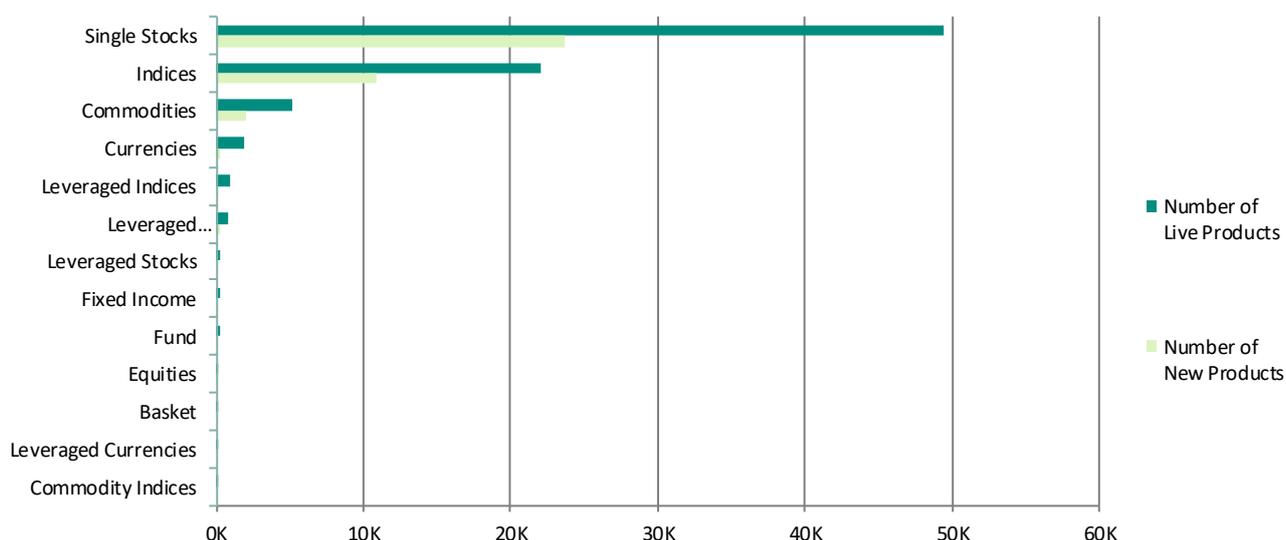
Product Overview

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	49,507	8.3%	1.9%	60.9%	23,700	22%	11.7%	63.6%
Indices	22,101	2.4%	-2.8%	27.2%	10,910	11.4%	-11.4%	29.3%
Commodities	5,158	-2.6%	9.3%	6.3%	1,961	17.7%	-7.3%	5.3%
Currencies	1,918	0.3%	4.6%	2.4%	296	16.1%	-26%	0.8%
Leveraged Indices	924	1.7%	1.2%	1.1%	79	155%	-40%	0.2%
Leveraged Commodities	774	21%	18.7%	1.0%	256	135%	54%	0.7%
Leveraged Stocks	261	0.2%	-2.3%	0.3%	23	-66%	-47%	0.1%
Fixed Income	256	-2.9%	-10.5%	0.3%	4	-43%	-77%	0.0%
Fund	226	1.1%	10.5%	0.3%	5	0.0%	-3.2%	0.0%
Equities	77	0.0%	174%	0.1%	53	43%	126%	0.1%
Basket	19	-1.0%	-7.5%	0.0%	0		-100%	0.0%
Leveraged Currencies	17	0.0%	73%	0.0%	0		-100%	0.0%
Commodity Indices	1	0.0%	0.0%	0.0%	0			0.0%
Total	81,239	5.6%	1.2%	100%	37,287	18.8%	2.3%	100%

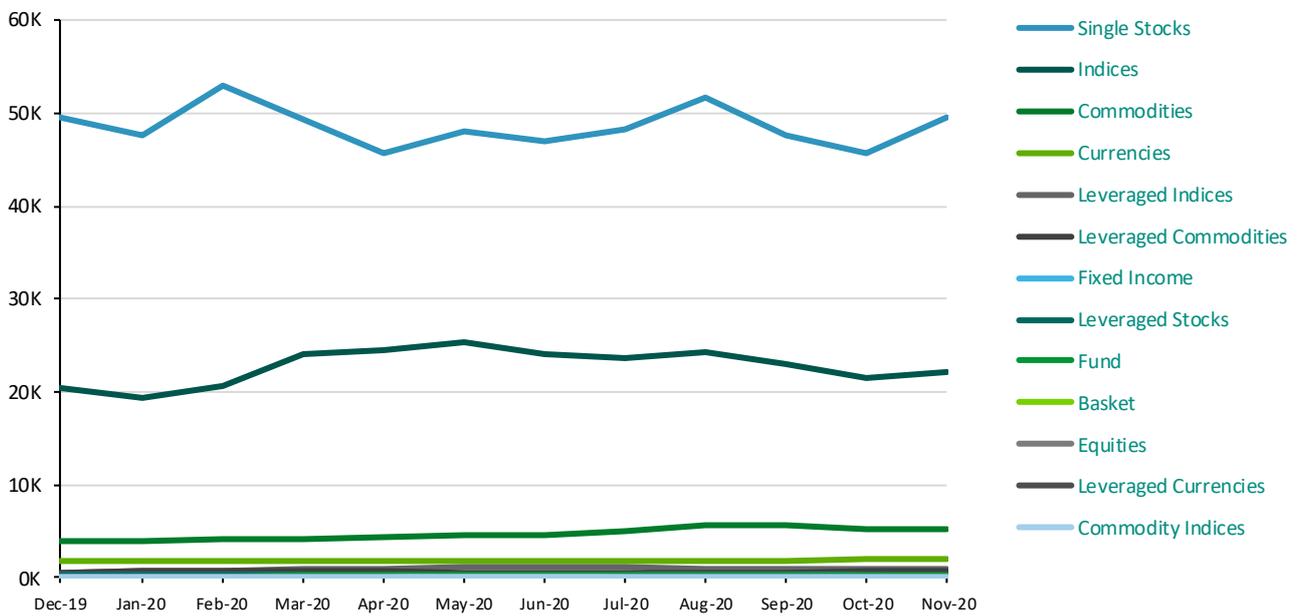
(Source Euronext)



UNDERLYING TYPES

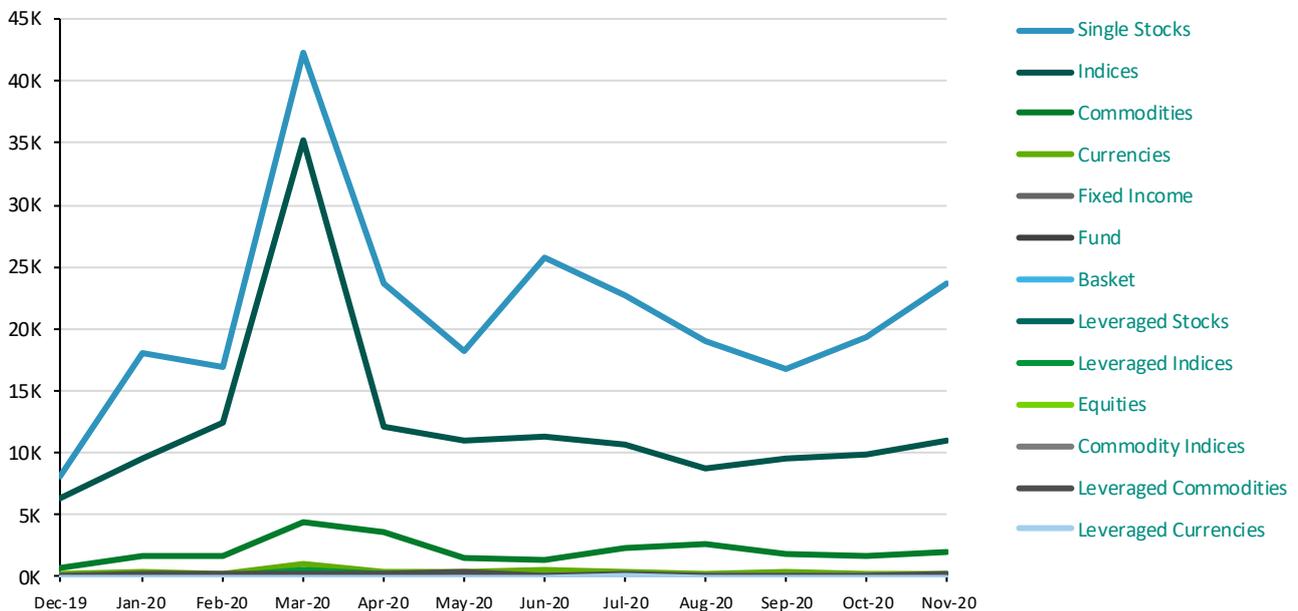
Product Trend: Number of Live Products

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

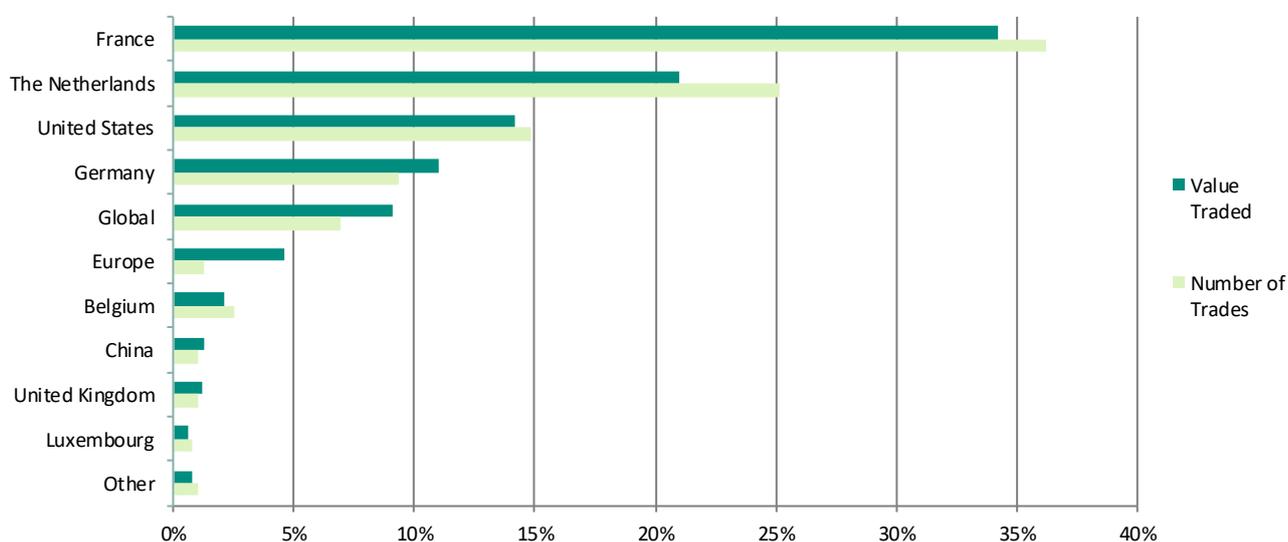
Market Overview

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	15,761	14.7%	14.2%	34.2%	5,884	14.1%	10.3%	36.2%
The Netherlands	9,684	21%	-14.0%	21.0%	4,087	6.1%	-15.7%	25.2%
United States	6,521	7.2%	-25%	14.2%	2,406	15.5%	-8.1%	14.8%
Germany	5,066	18.3%	4.6%	11.0%	1,514	1.5%	-5.2%	9.3%
Global	4,174	9.0%	-33%	9.1%	1,118	15.4%	-22%	6.9%
Europe	2,127	66%	-34%	4.6%	210	22%	-29%	1.3%
Belgium	947	22%	-46%	2.1%	412	-10.7%	-32%	2.5%
China	590	161%	338%	1.3%	164	196%	330%	1.0%
United Kingdom	538	90%	43%	1.2%	164	100%	47%	1.0%
Luxembourg	266	86%	-37%	0.6%	120	-4.1%	-36%	0.7%
Other	349	43%	-26%	0.8%	164	46%	4.0%	1.0%
Total	46,023	18.4%	-10.1%	100%	16,242	11.6%	-5.7%	100%

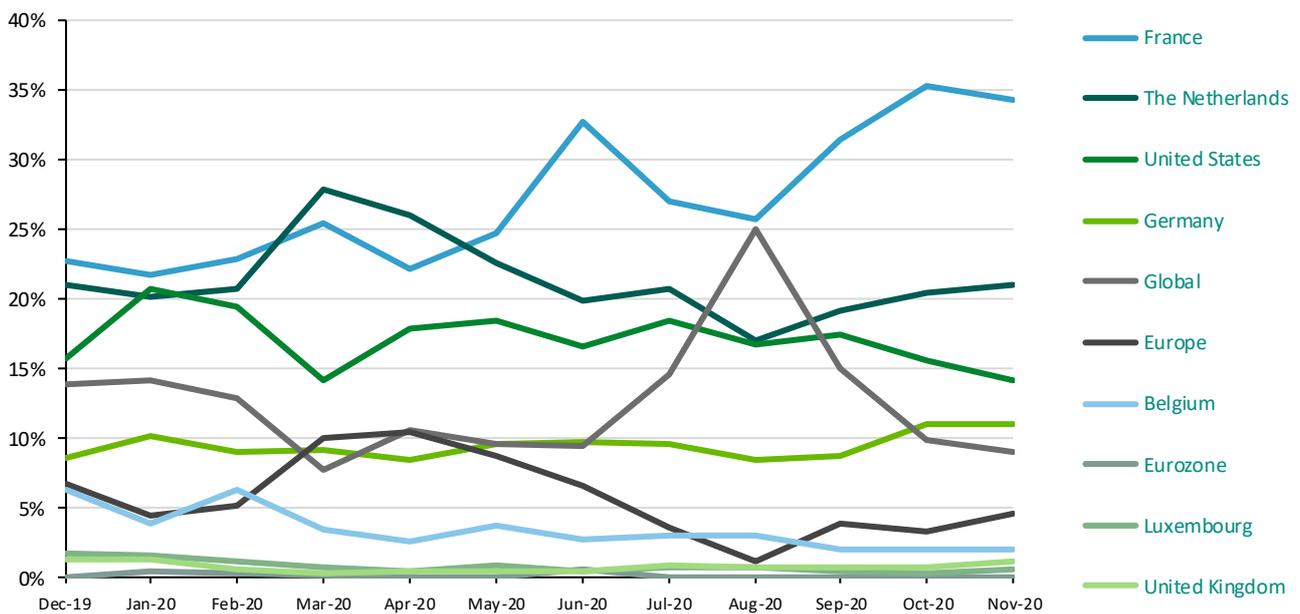
(Source Euronext)



TOP 10 UNDERLYING COUNTRIES

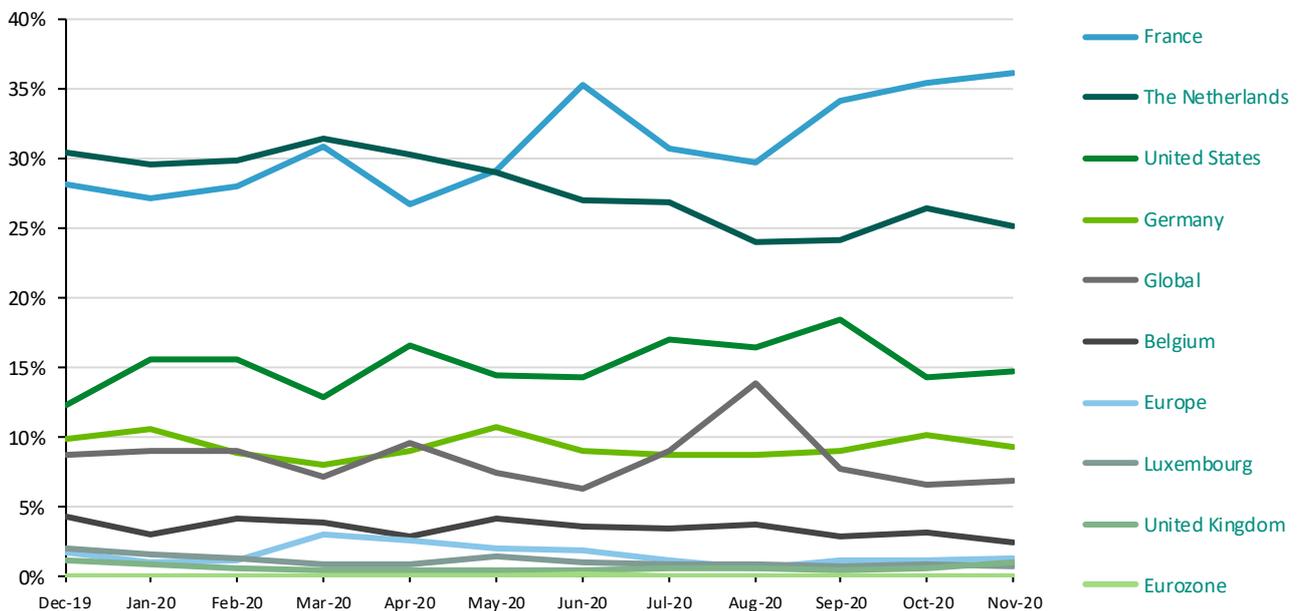
Market Trend: Value traded

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

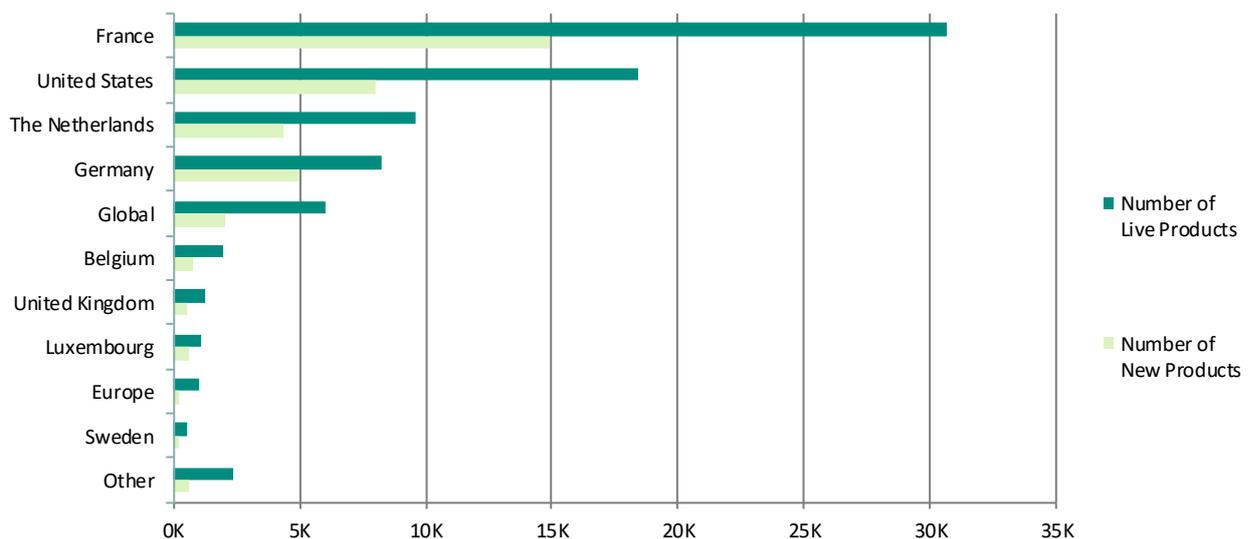
Product Overview

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	30,671	7.5%	-6.3%	37.8%	14,942	37%	10.5%	40.1%
United States	18,440	6.2%	13.4%	22.7%	8,020	2.1%	-6.0%	21.5%
The Netherlands	9,596	0.5%	-2.1%	11.8%	4,349	28%	-5.7%	11.7%
Germany	8,232	8.5%	9.2%	10.1%	4,962	-10.4%	2.0%	13.3%
Global	6,013	1.2%	7.3%	7.4%	2,069	22%	-2.0%	5.5%
Belgium	1,981	2.4%	-6.0%	2.4%	783	92%	4.5%	2.1%
United Kingdom	1,290	6.9%	14.4%	1.6%	535	7.0%	32%	1.4%
Luxembourg	1,087	5.7%	-6.8%	1.3%	585	80%	4.2%	1.6%
Europe	997	2.6%	-1.4%	1.2%	198	14.5%	-32%	0.5%
Sweden	539	2.4%	5.1%	0.7%	224	27%	2.0%	0.6%
Other	2,393	4.4%	0.6%	2.9%	620	42%	7.7%	1.7%
Total	81,239	5.6%	1.2%	100%	37,287	18.8%	2.3%	100%

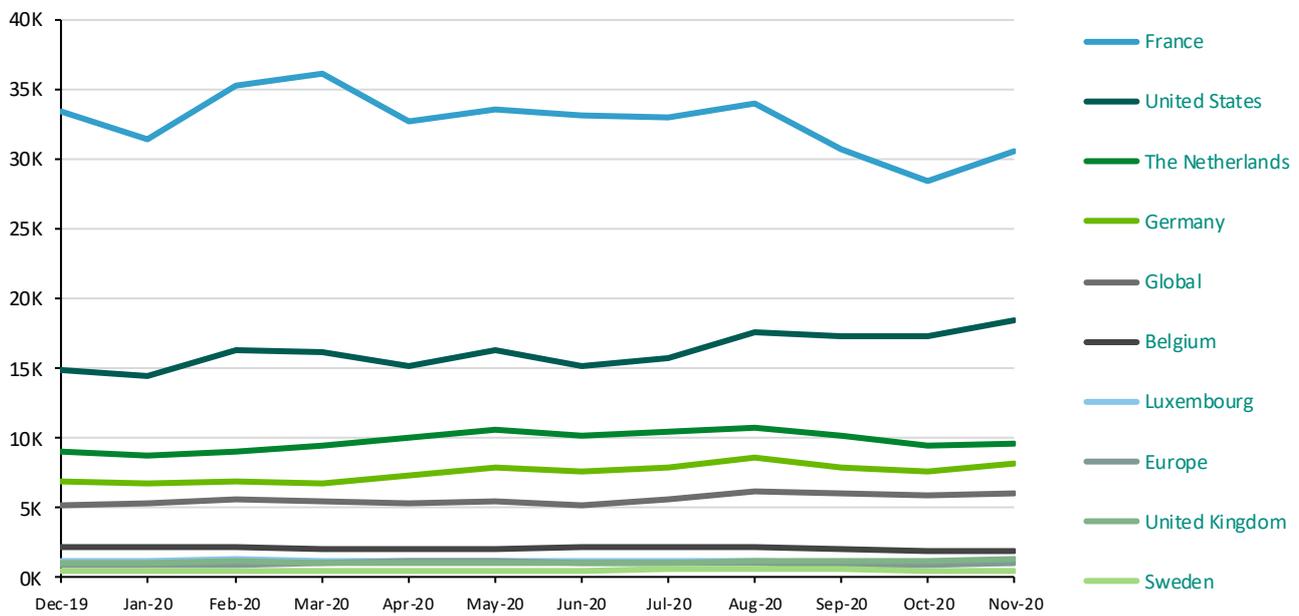
(Source Euronext)



TOP 10 UNDERLYING COUNTRIES

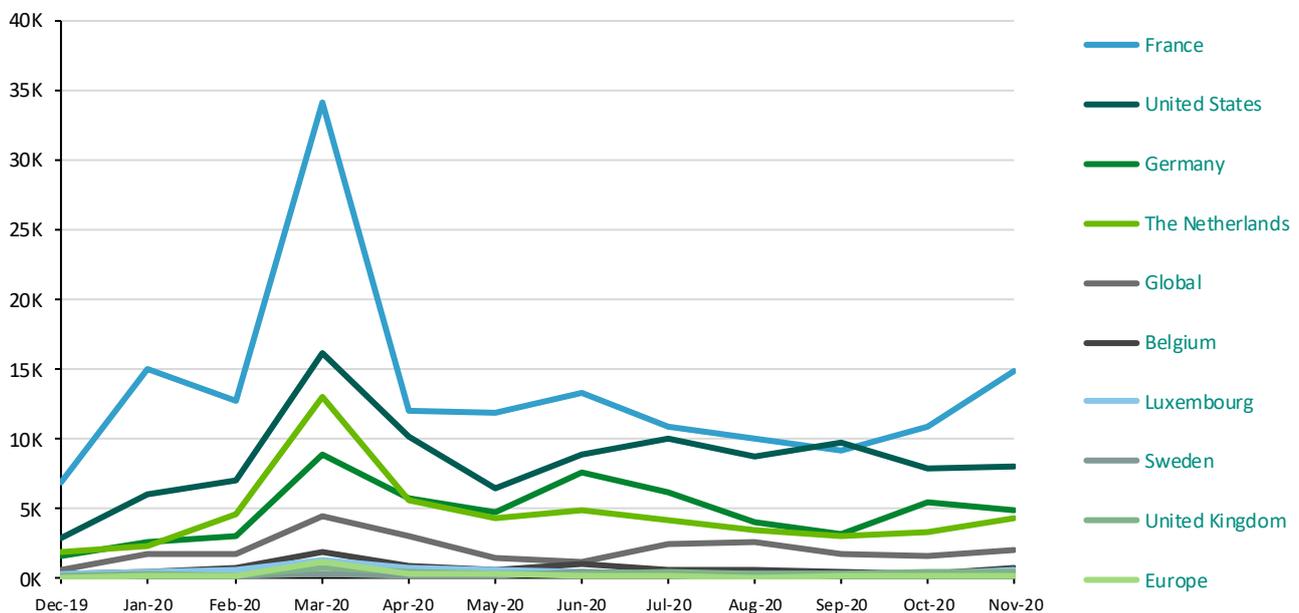
Product Trend: Number of Live Products

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



Product Trend: Number of New Products

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



TOP 10 UNDERLYINGS

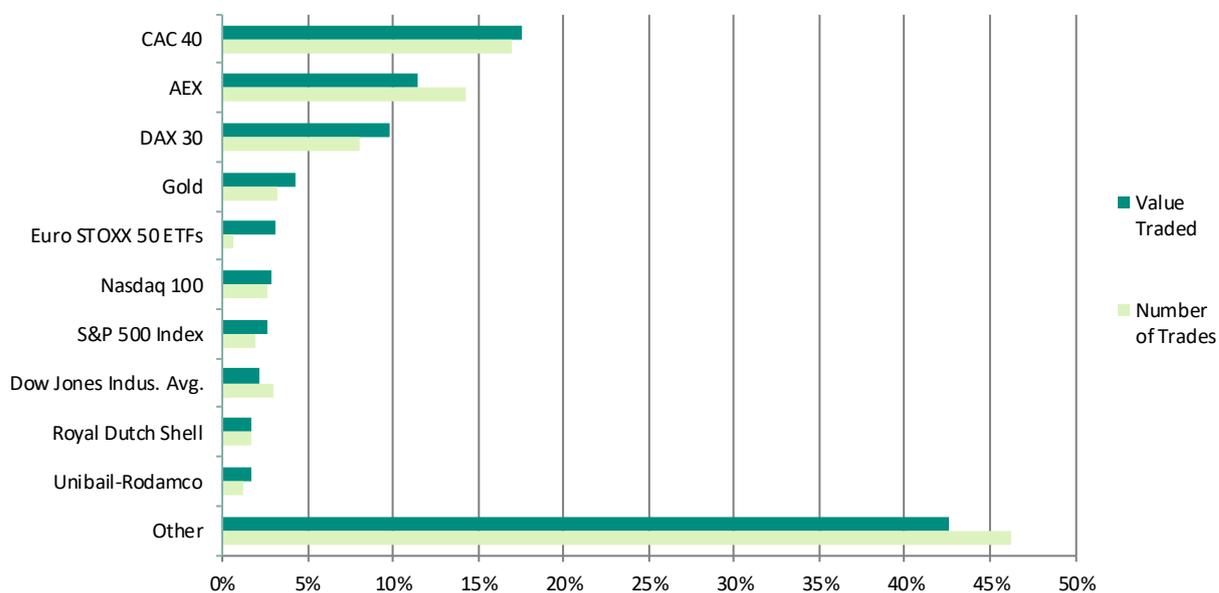
Market Overview

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

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

Underlyings	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
CAC 40	8,104	-5.7%	11.3%	17.6%	2,760	3.6%	11.9%	17.0%
AEX	5,272	3.4%	-32%	11.5%	2,319	-6.0%	-25%	14.3%
DAX 30	4,506	15.4%	2.2%	9.8%	1,312	-1.6%	-7.1%	8.1%
Gold	1,953	4.2%	-22%	4.2%	521	32%	5.7%	3.2%
Euro STOXX 50 ETFs	1,449	57%	-38%	3.1%	105	8.0%	-33%	0.6%
Nasdaq 100	1,336	-23%	-21%	2.9%	433	-16.9%	-19.2%	2.7%
S&P 500 Index	1,213	32%	-40%	2.6%	317	26%	-26%	1.9%
Dow Jones Indus. Avg.	982	-11.5%	-46%	2.1%	494	4.5%	0.3%	3.0%
Royal Dutch Shell	797	37%	50%	1.7%	278	-9.3%	2.2%	1.7%
Unibail-Rodamco	795	150%	105%	1.7%	198	30%	26%	1.2%
Other	19,618	42%	-4.0%	42.6%	7,505	27%	-3.1%	46.2%
Total	46,023	18.4%	-10.1%	100%	16,242	11.6%	-5.7%	100%

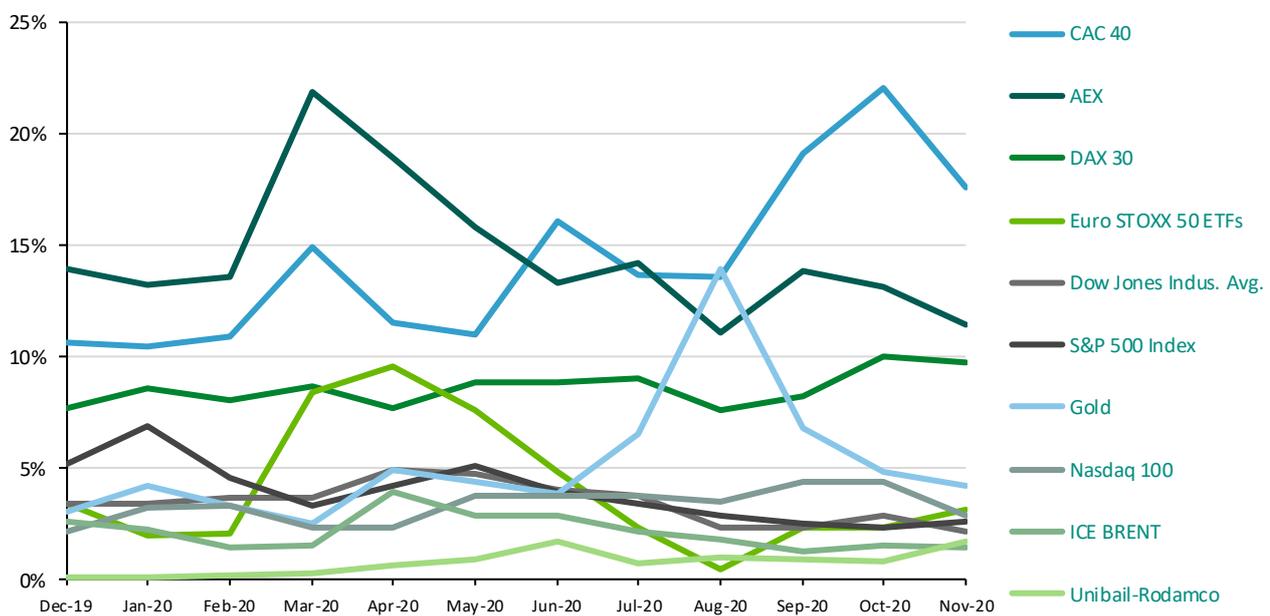
(Source Euronext)



TOP 10 UNDERLYINGS

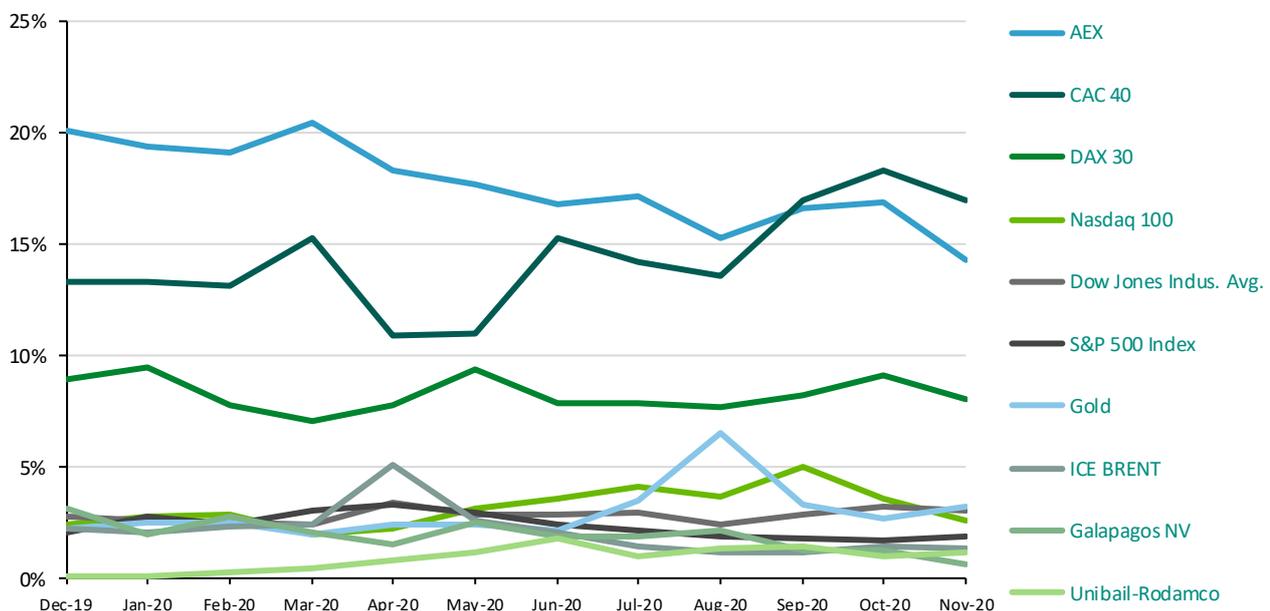
Market Trend: Value traded

The historical graph below displays the weight of the value traded for each top 10 underlying over the total value traded on 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

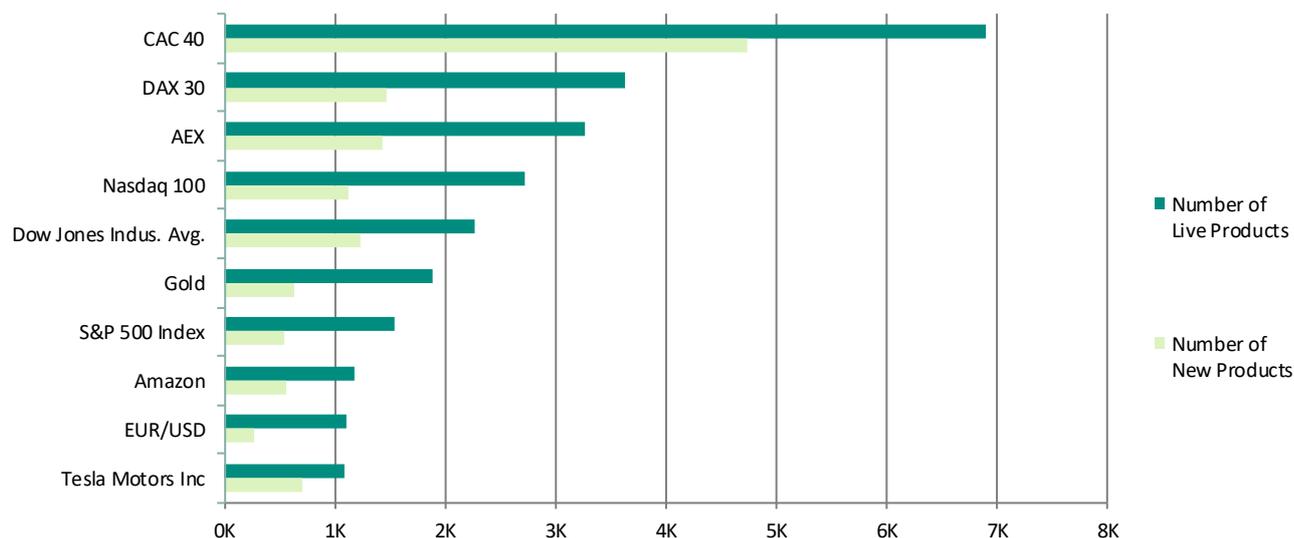
Product Overview

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	6,906	2.2%	-9.7%	8.5%	4,731	41%	3.9%	12.7%
DAX 30	3,631	5.4%	-3.3%	4.5%	1,476	-26%	-29%	4.0%
AEX	3,274	-4.1%	-4.8%	4.0%	1,425	14.3%	-20%	3.8%
Nasdaq 100	2,729	3.5%	16.3%	3.4%	1,116	-9.6%	-19.0%	3.0%
Dow Jones Indus. Avg.	2,274	4.0%	-1.3%	2.8%	1,232	22%	-8.6%	3.3%
Gold	1,879	0.4%	14.1%	2.3%	639	24%	14.6%	1.7%
S&P 500 Index	1,539	6.6%	5.9%	1.9%	549	-5.2%	-16.0%	1.5%
Amazon	1,185	23%	54%	1.5%	554	-20%	29%	1.5%
EUR/USD	1,102	-0.5%	2.4%	1.4%	260	55%	-10.4%	0.7%
Tesla Motors Inc	1,081	3.5%	-2.7%	1.3%	696	16.6%	-24%	1.9%
Other	55,639	6.9%	1.7%	68.5%	24,609	23%	9.7%	66.0%
Total	81,239	5.6%	1.2%	100%	37,287	18.8%	2.3%	100%

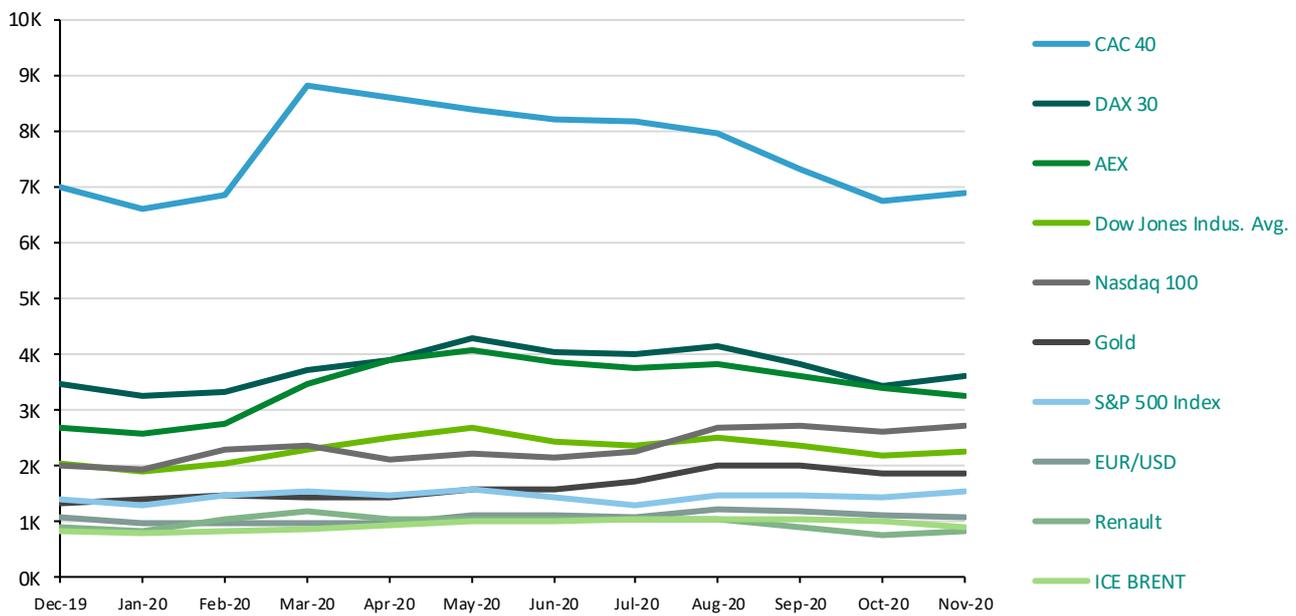
(Source Euronext)



TOP 10 UNDERLYINGS

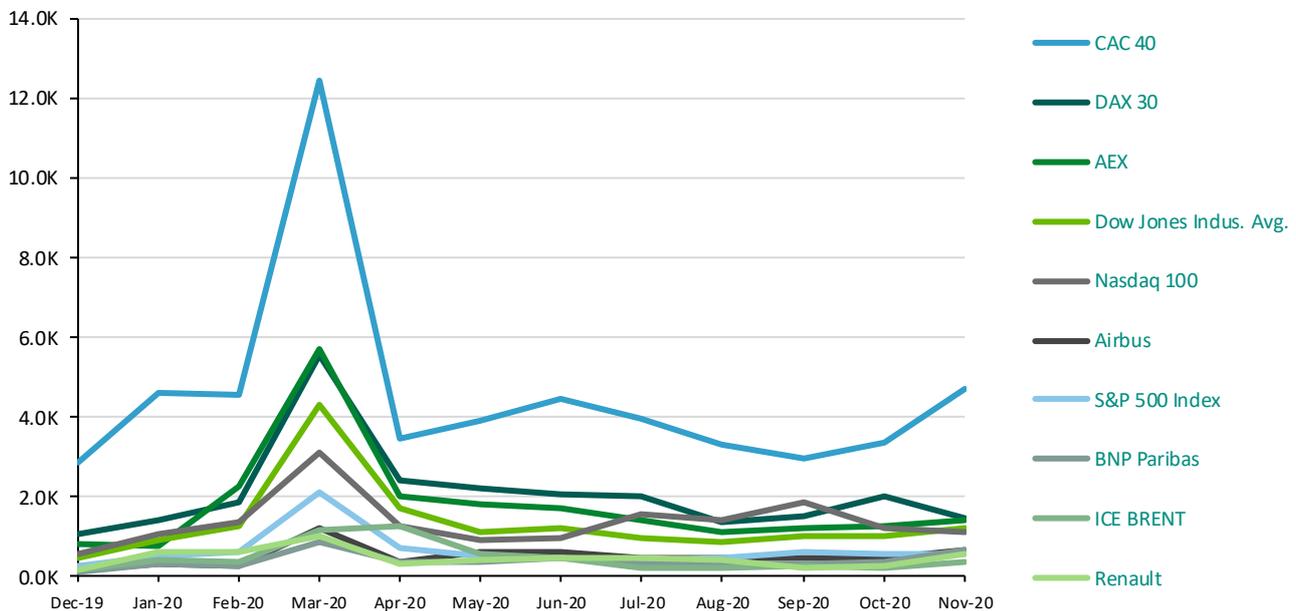
Product Trend: Number of Live Products

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	15,680	970
PTBITHYM0080	BCP	1300	Tracker Certificates	S&P 500 Index	12,645	757
NLBNPFR10RC2	BNP Paribas	2100	Warrants	Euro STOXX 50 ETFs	11,962	209
NLBNPFR10RA6	BNP Paribas	2100	Warrants	Euro STOXX 50 ETFs	7,543	121
PTBIVRYE0068	BCP	1300	Tracker Certificates	Euro STOXX 50	7,399	566
DE000VF8EEJ5	Vontobel	2205	Open-End Knock-Out Warrants	Gold	6,922	24
FRBNPP021O76	BNP Paribas	2210	Mini-Futures	CAC 40	4,878	162
DE000KE04US8	Citi	2200	Knock-Out Warrants	DAX 30	4,622	165
DE000SB2EJF4	Société Générale	2300	Constant Leverage Certificate	CAC 40	4,186	566
FRBNPP01O994	BNP Paribas	2210	Mini-Futures	CAC 40	4,182	127
PTBCPZYM0047	BCP	1300	Tracker Certificates	NASDAQ-100 Notional Net Tot	4,009	304
NLGS00006518	Goldman Sachs	2210	Mini-Futures	Fugro	3,829	155
DE000VP38YH4	Vontobel	2205	Open-End Knock-Out Warrants	DAX 30	3,786	70
DE000KB99WL5	Citi	2200	Knock-Out Warrants	DAX 30	3,650	163
FRBNPP01R567	BNP Paribas	2300	Constant Leverage Certificate	CAC 40	3,214	566
DE000VP931Z0	Vontobel	2205	Open-End Knock-Out Warrants	AEX	2,737	696
DE000SD03BB1	Société Générale	2210	Mini-Futures	NIO INC	2,634	796
NL0014151854	BNP Paribas	2210	Mini-Futures	DAX 30	2,561	74
NLBNPNL11PW9	BNP Paribas	2210	Mini-Futures	AEX	2,522	234
FRBNPP01JMO6	BNP Paribas	2300	Constant Leverage Certificate	CAC 40	2,438	454
NL0015113119	BNP Paribas	2210	Mini-Futures	Gold	2,407	195
NL0015285917	ING	2100	Warrants	Euro STOXX 50 ETFs	2,391	428
PTBITYE0034	BCP	1300	Tracker Certificates	DAX 30	2,353	174
NLBNPNL123J7	BNP Paribas	2210	Mini-Futures	DAX 30	2,341	83
DE000CL5AC09	Société Générale	2210	Mini-Futures	Unibail-Rodamco	2,322	29
NL0014316093	BNP Paribas	2210	Mini-Futures	AEX	2,222	234
DE000SR9RCH4	Société Générale	2100	Warrants	Société Générale	2,207	57
FRBNPP01O978	BNP Paribas	2210	Mini-Futures	CAC 40	2,174	59
NL0014313462	BNP Paribas	2210	Mini-Futures	AEX	2,103	352
DE000SB2EHY9	Société Générale	2300	Constant Leverage Certificate	CAC 40	2,093	117
NLBNPNL12AW9	BNP Paribas	2210	Mini-Futures	AEX	2,049	138
NLBNPNL12379	BNP Paribas	2210	Mini-Futures	AEX	2,014	228
DE000SB2EJL2	Société Générale	2300	Constant Leverage Certificate	CAC 40	1,877	488
DE000KB581N8	Citi	2205	Open-End Knock-Out Warrants	DAX 30	1,824	69
FR0013135803	Société Générale	2300	Constant Leverage Certificate	CAC 40 x5 Leverage Index	1,810	198
NLGS00006542	Goldman Sachs	2210	Mini-Futures	Fugro	1,795	75
FRBNPP021W27	BNP Paribas	2210	Mini-Futures	CAC 40	1,787	66
DE000VP6ZKQ4	Vontobel	2205	Open-End Knock-Out Warrants	Dow Jones Indus. Avg.	1,779	90
DE000SB0K2K7	Société Générale	2205	Open-End Knock-Out Warrants	ING	1,724	113
DE000VP924V4	Vontobel	2200	Knock-Out Warrants	AEX	1,702	352
NLGS00007DQ1	Goldman Sachs	2210	Mini-Futures	Fugro	1,694	127
NL0015285891	ING	2100	Warrants	Euro STOXX 50 ETFs	1,662	319
DE000VE22DJ2	Vontobel	2205	Open-End Knock-Out Warrants	DAX 30	1,612	383
NLBNPNL11VL0	BNP Paribas	2210	Mini-Futures	ASML Holding	1,605	101
NL0013203292	ING	2205	Open-End Knock-Out Warrants	ASML Holding	1,604	66
NLBNPNL12AV1	BNP Paribas	2210	Mini-Futures	AEX	1,595	219
DE000SR717Z6	Société Générale	2100	Warrants	Unibail-Rodamco	1,592	221
NL0013927239	BNP Paribas	2100	Warrants	CAC 40	1,584	77
DE000VP5UWN9	Vontobel	2210	Mini-Futures	AEX	1,581	2,433
NL0006454928	BNP Paribas	1300	Tracker Certificates	Gold	1,571	105

(Source Euronext)



Euroclear Belgium Instruments

ISSUERS

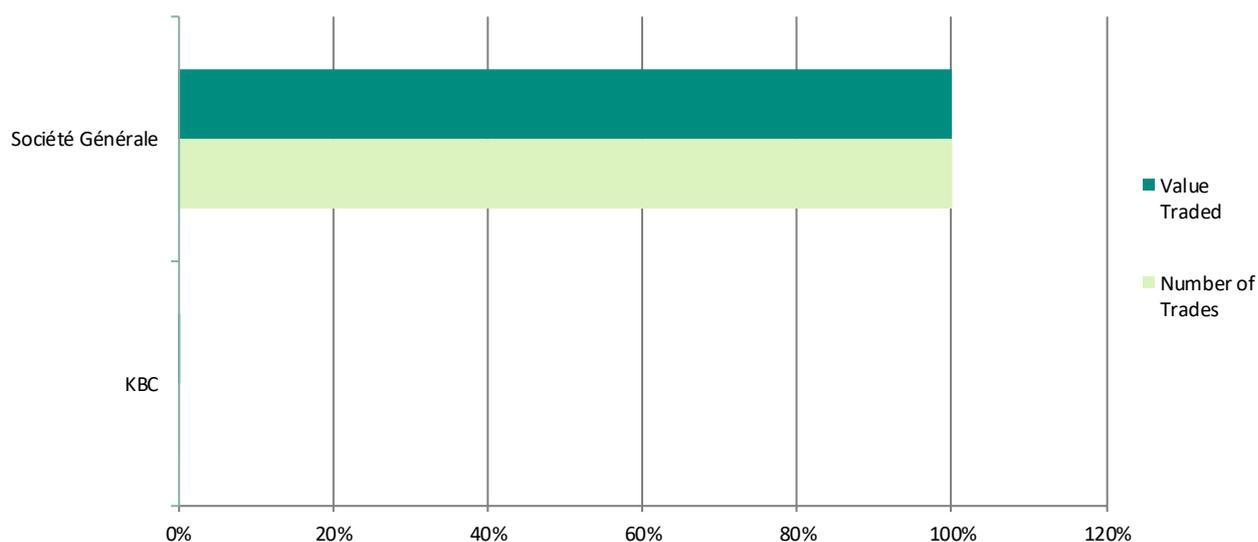
Market Overview

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

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

Issuers	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
Société Générale	492	8.5%	29%	99.9%	199	-18.8%	4.1%	100.0%
KBC	0	-99%	-100%	0.1%	0.0	-82.5%	-95.6%	0.0%
Total	493	1.5%	-26.1%	100%	199	-18.8%	-23.6%	100%

(Source Euronext)



ISSUERS

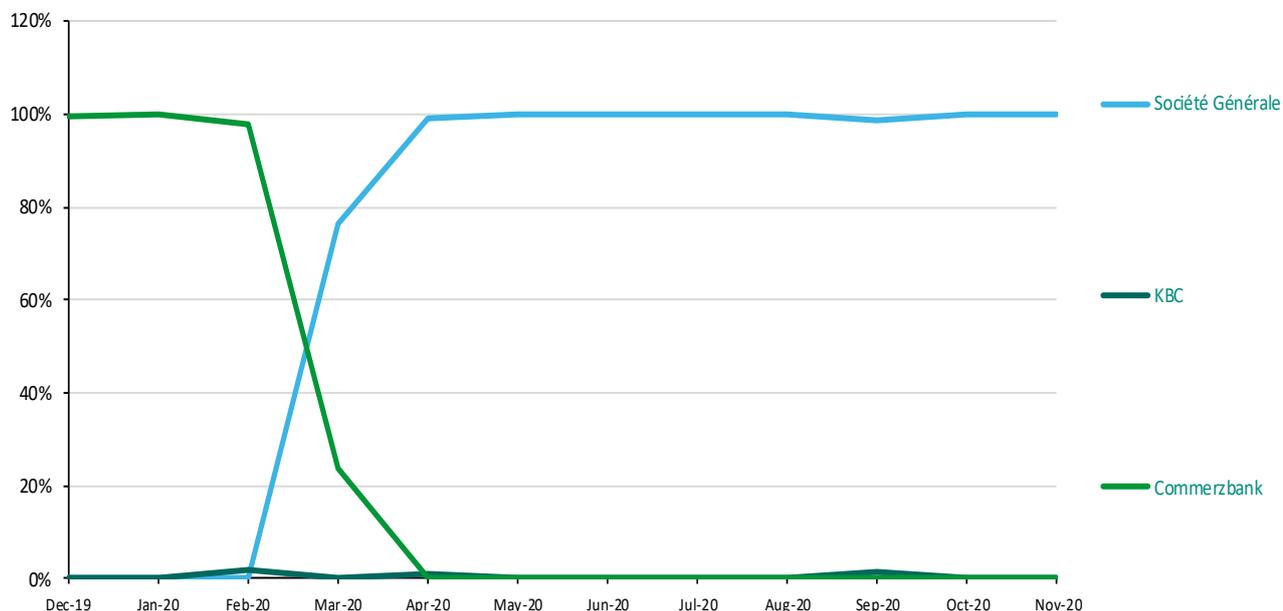
Market Trend: Value traded

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



Market Trend: Number of trades

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



ISSUERS

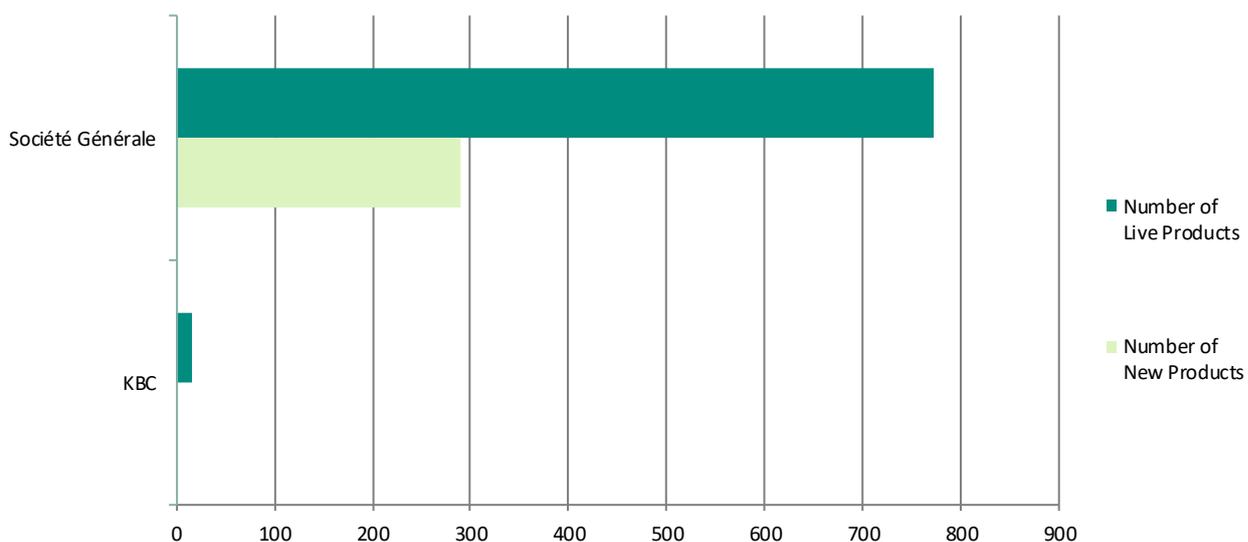
Product Overview

The table below displays the daily 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	773	-2.8%	39%	98.0%	290	6.2%	-2.1%	99.7%
KBC	16	1.6%	-21%	2.0%	1	0.0%	-40%	0.3%
Total	788	-2.7%	-3.9%	100%	291	6.2%	-22.4%	100%

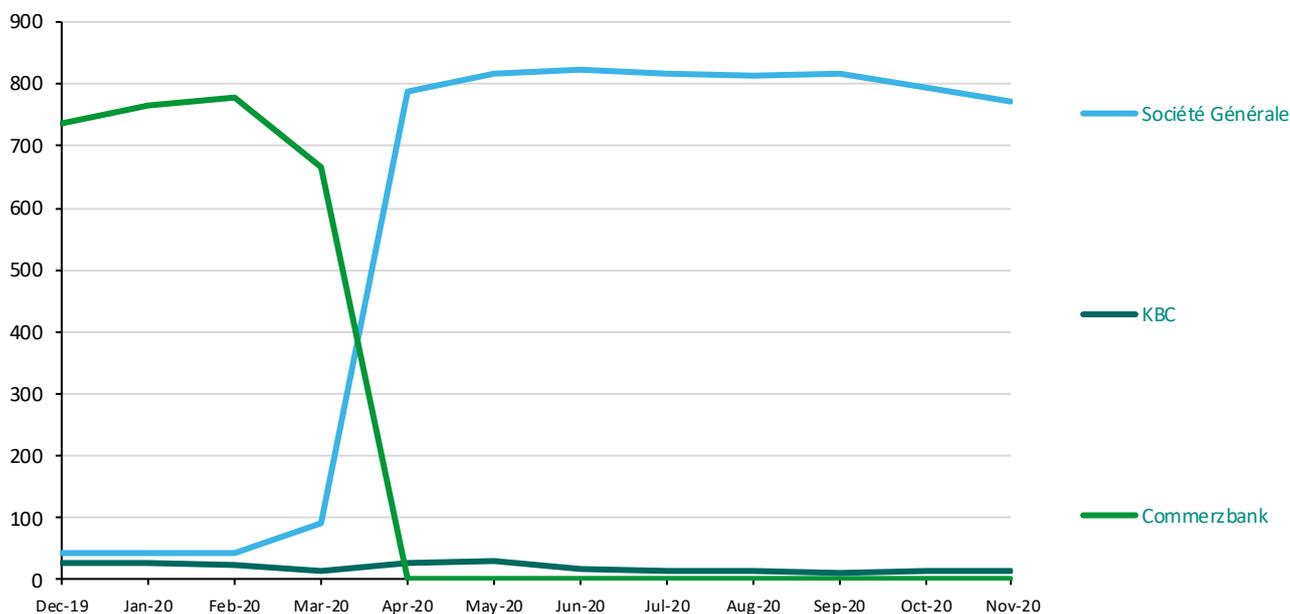
(Source Euronext)



ISSUERS

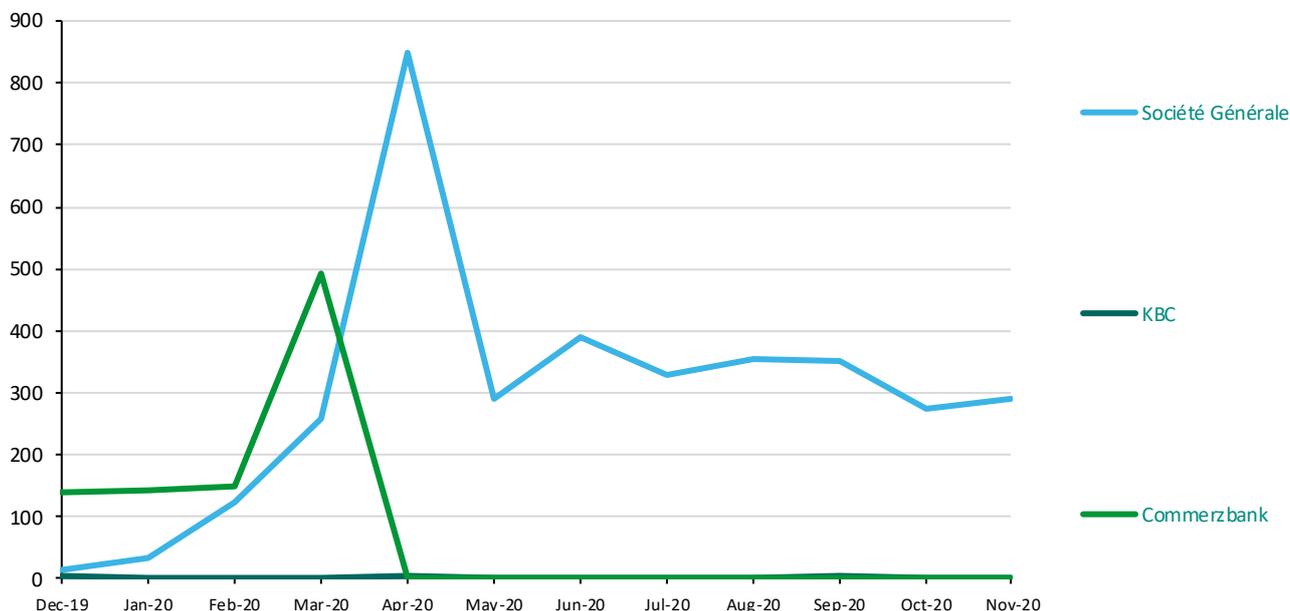
Product Trend: Number of Live Products

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 (EUSIPA¹ CATEGORIZATION LEVEL 2)

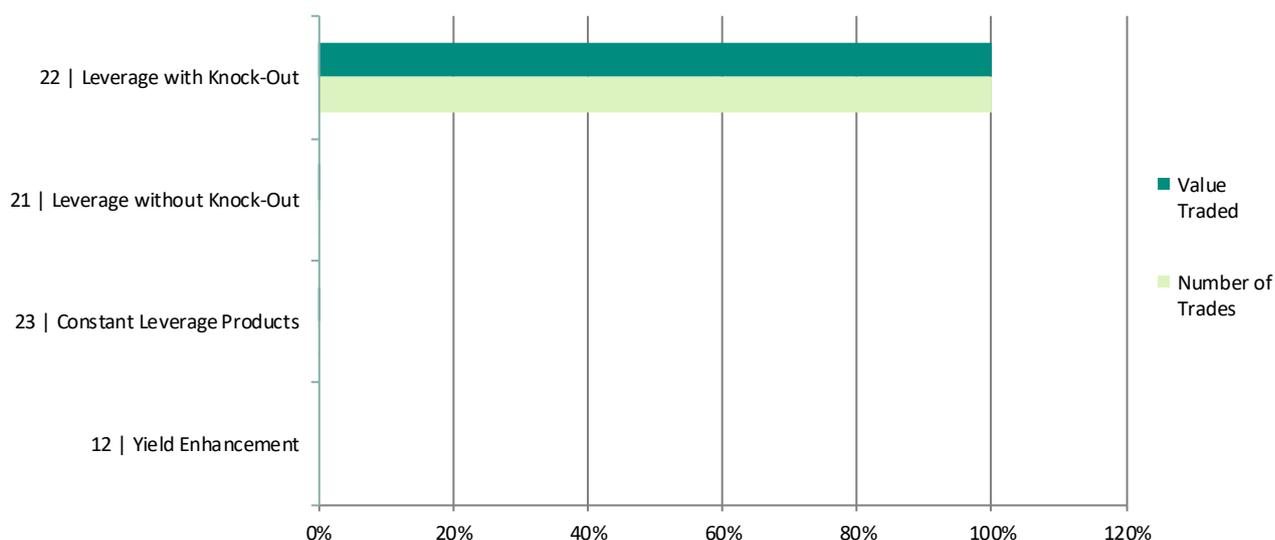
Market Overview

The table below displays the daily averages of value traded and number of trades per product type (EUSIPA¹ categorization level 2) on Euroclear Belgium instruments traded on Euronext's pan-European MTF, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each product type over the total.

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

Product Types (EUSIPA Categorization Level 2)	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
22 Leverage with Knock-Out	492	9.0%	1.1%	99.9%	199	-18.7%	-20.8%	99.9%
21 Leverage without Knock-Out	0	-87%	-39%	0.1%	0.0	4.8%	102.4%	0.0%
23 Constant Leverage Products	0	-98%	-99%	0.0%	0.2	-58.1%	-97.8%	0.1%
12 Yield Enhancement	0	-100%	-100%	0.0%	0.0	-100.0%	-100.0%	0.0%
Total	493	1.5%	-26.1%	100%	199	-18.8%	-23.6%	100%

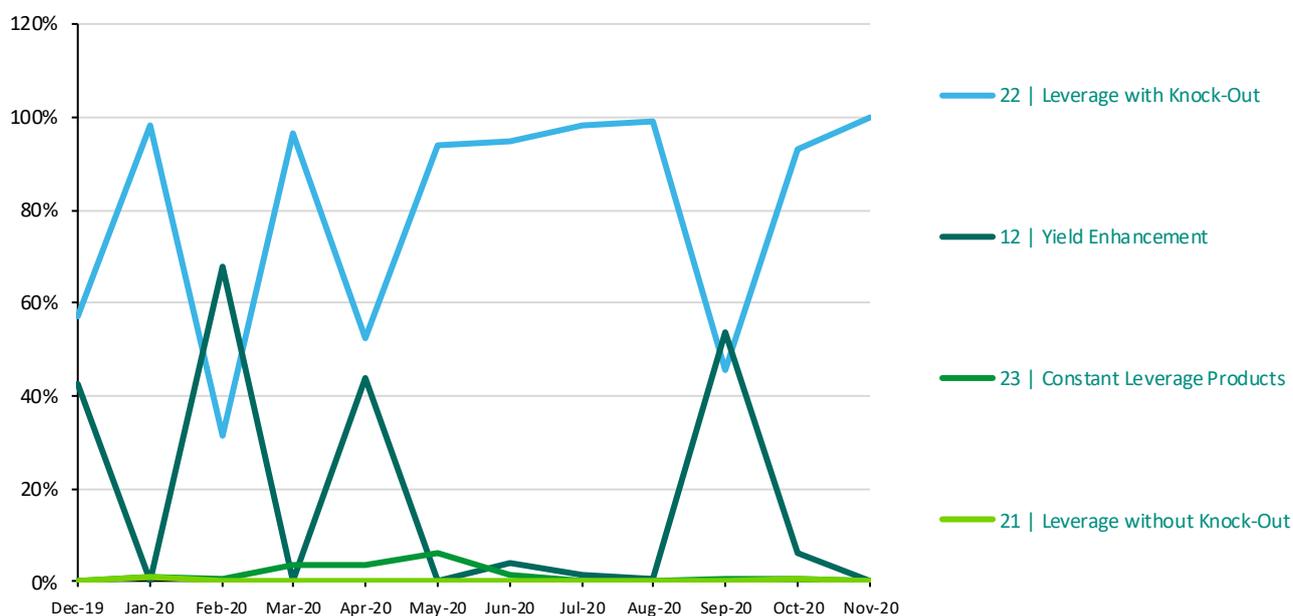
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

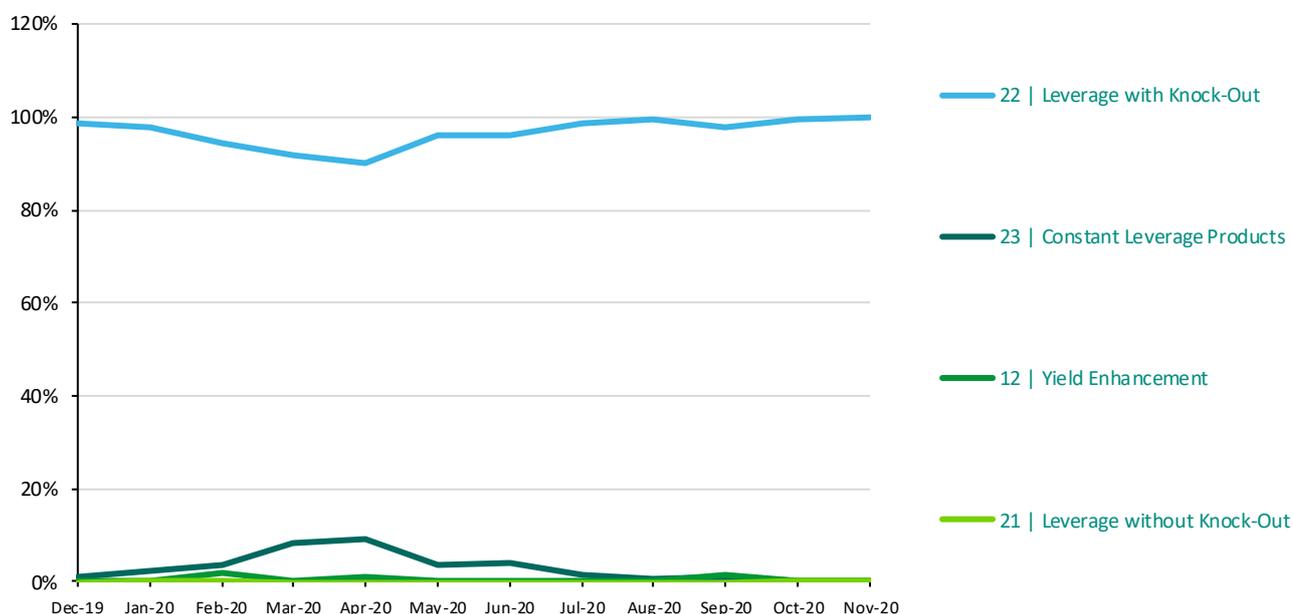
Market Trend: Value traded

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 (EUSIPA¹ CATEGORIZATION LEVEL 2)

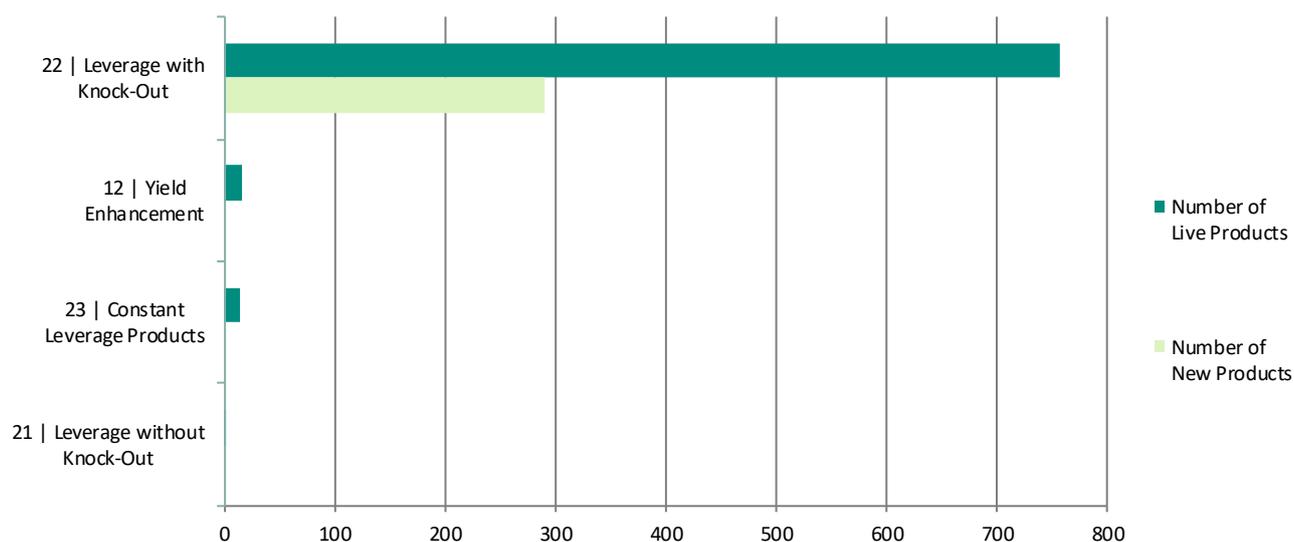
Product Overview

The table below displays the daily averages of value traded and number of trades per product type (EUSIPA¹ 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	758	-1.9%	4.1%	96.1%	290	6.2%	-22%	99.7%
12 Yield Enhancement	15	1.6%	20%	2.0%	0		-100%	0.0%
23 Constant Leverage Products	15	-33%	-80%	1.9%	0		-100%	0.0%
21 Leverage without Knock-Out	0	4.8%	-99%	0.0%	1	0.0%	0.0%	0.3%
Total	788	-2.7%	-3.9%	100%	291	6.2%	-22.4%	100%

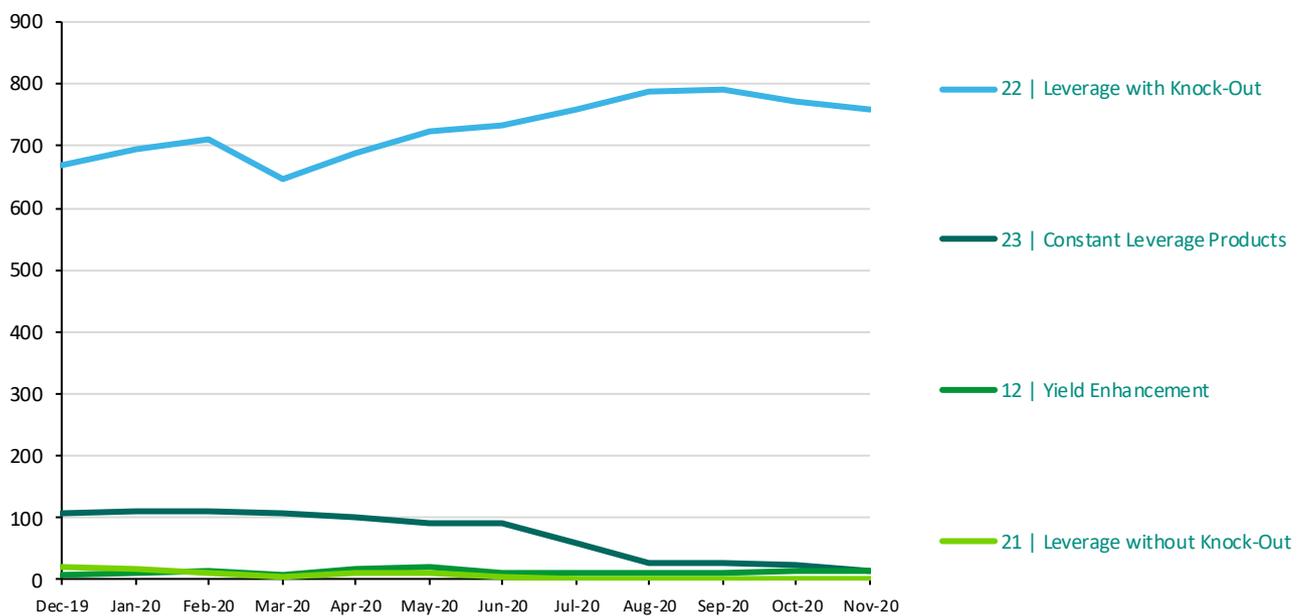
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

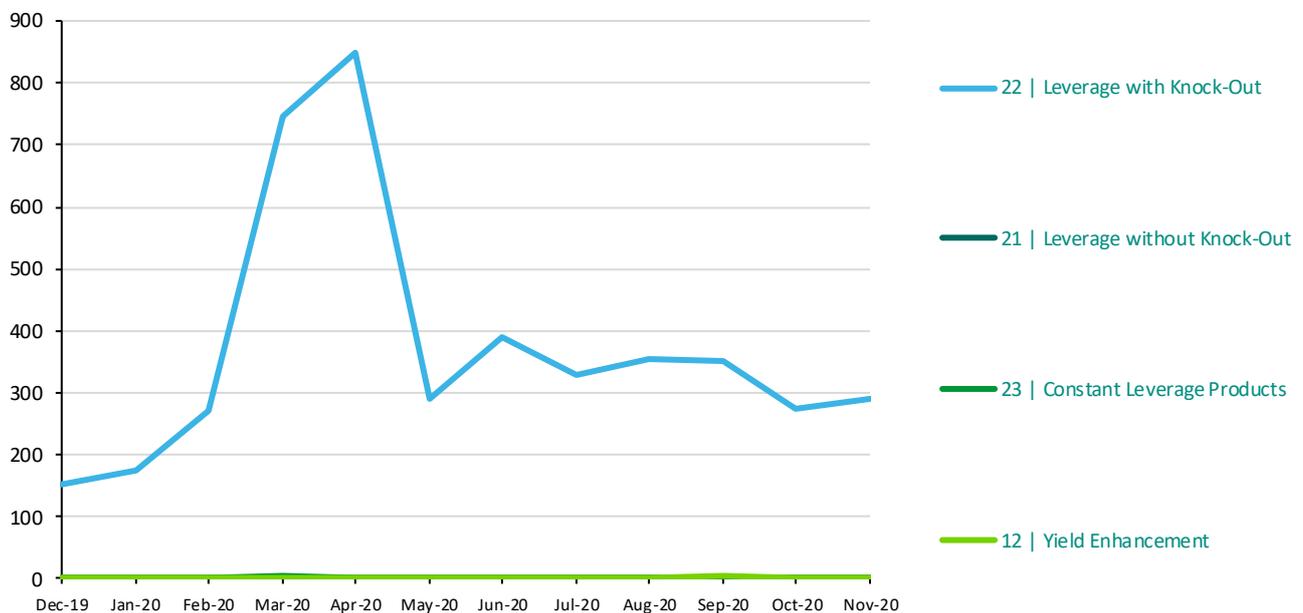
Product Trend: Number of Live Products

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 (EUSIPA¹ CATEGORIZATION LEVEL 3)

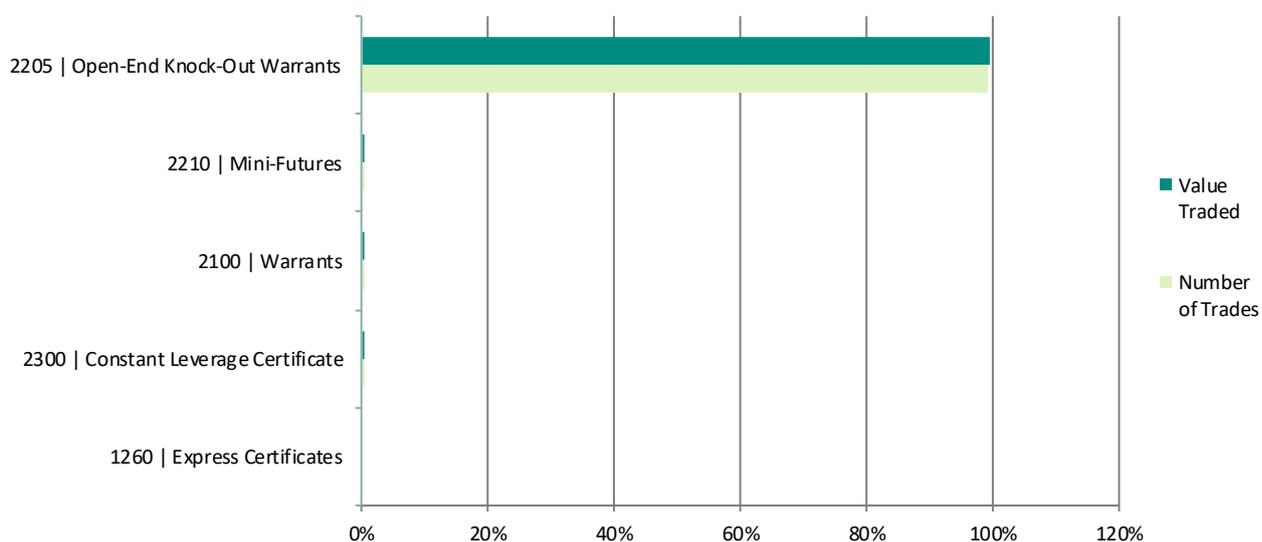
Market Overview

The table below displays the daily averages of value traded and number of trades per product type (EUSIPA¹ categorization level 3) on Euroclear Belgium instruments traded on Euronext's pan-European MTF, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each product type over the total.

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

Product Types (EUSIPA Categorization Level 3)	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
2205 Open-End Knock-Out Warrants	491	9.6%	2.2%	99.7%	198	-18.6%	-20.4%	99.5%
2210 Mini-Futures	1	-69%	-84%	0.2%	0.9	-41%	-63%	0.4%
2100 Warrants	0	-87%	-39%	0.1%	0.0	4.8%	102%	0.0%
2300 Constant Leverage Certificate	0	-98%	-99%	0.0%	0.2	-58%	-98%	0.1%
1260 Express Certificates	0	-100%	-100%	0.0%	0.0	-100%	-100%	0.0%
Total	493	1.5%	-26.1%	100%	199	-18.8%	-23.6%	100%

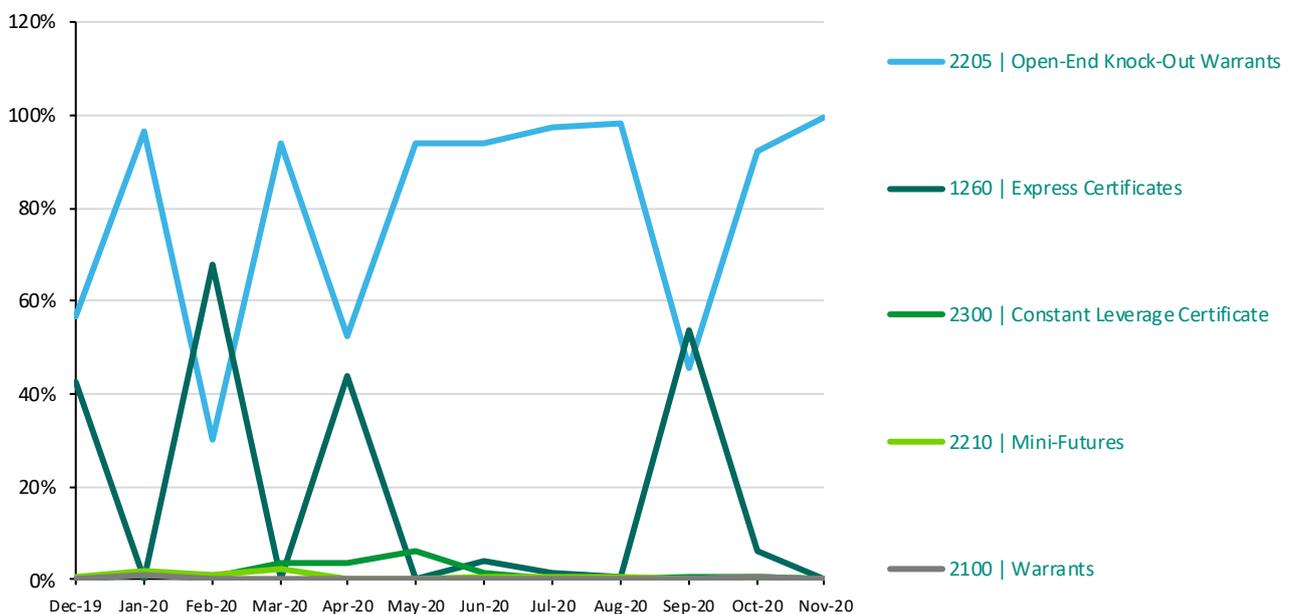
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

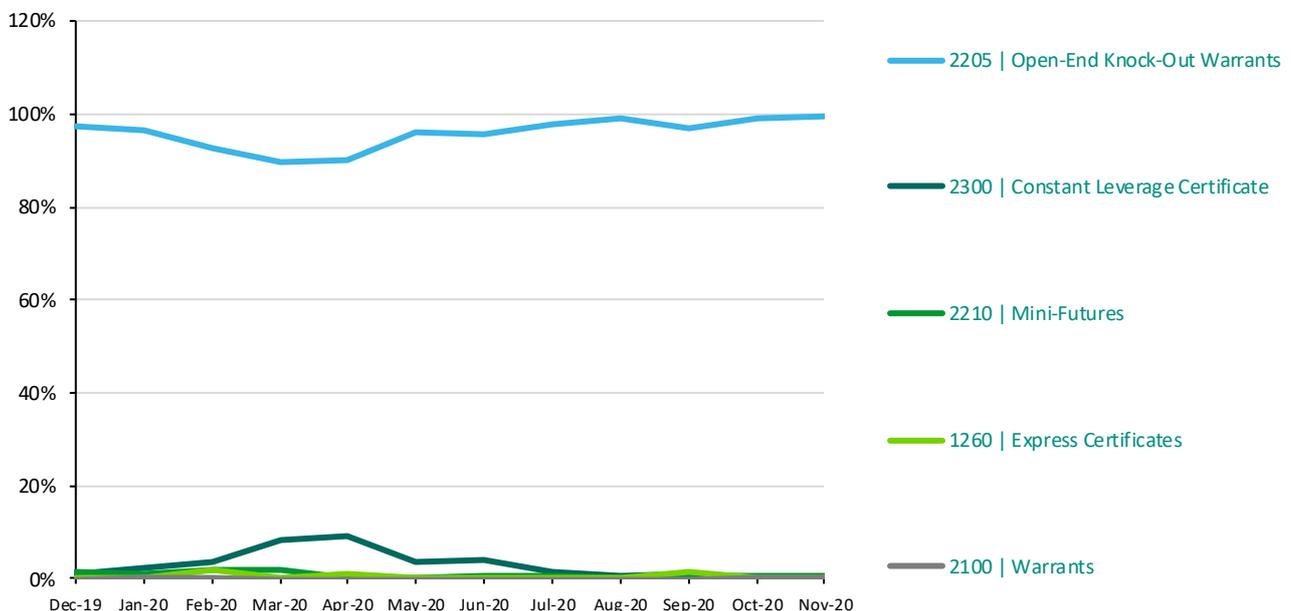
Market Trend: Value traded

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 (EUSIPA¹ CATEGORIZATION LEVEL 3)

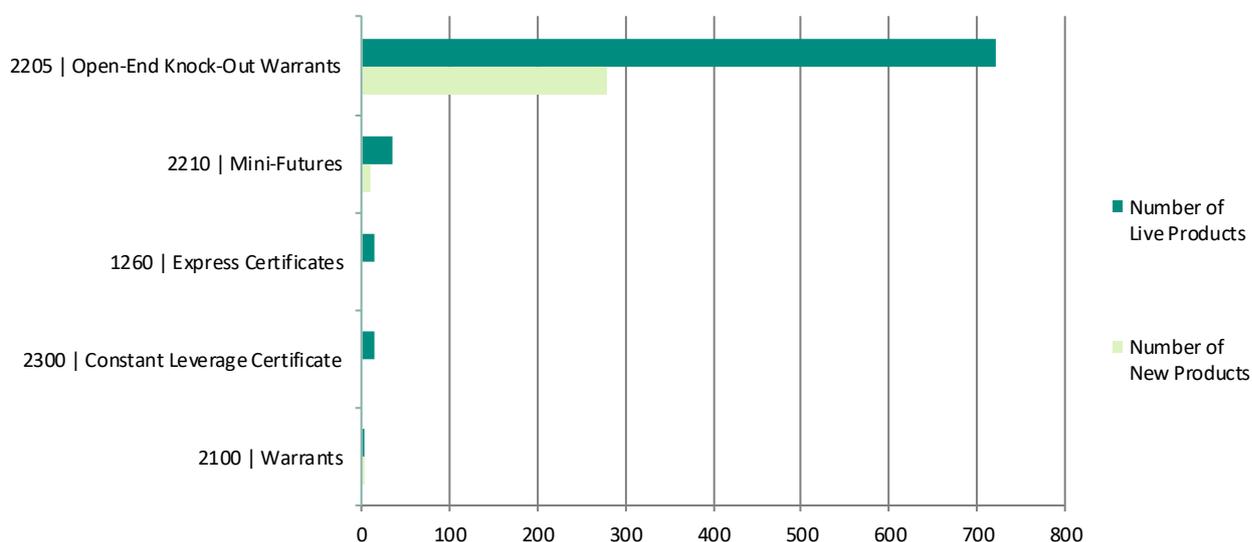
Product Overview

The table below displays the daily averages of value traded and number of trades per product type (EUSIPA¹ 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	722	-2.1%	5.5%	91.6%	279	4.1%	-21%	95.9%
2210 Mini-Futures	36	0.5%	-16.6%	4.6%	11	120%	-42%	3.8%
1260 Express Certificates	15	1.6%	20%	2.0%	0		-100%	0.0%
2300 Constant Leverage Certificate	15	-33%	-80%	1.9%	0		-100%	0.0%
2100 Warrants	0	4.8%	-99%	0.0%	1	0.0%	0.0%	0.3%
Total	788	-2.7%	-3.9%	100%	291	6.2%	-22.4%	100%

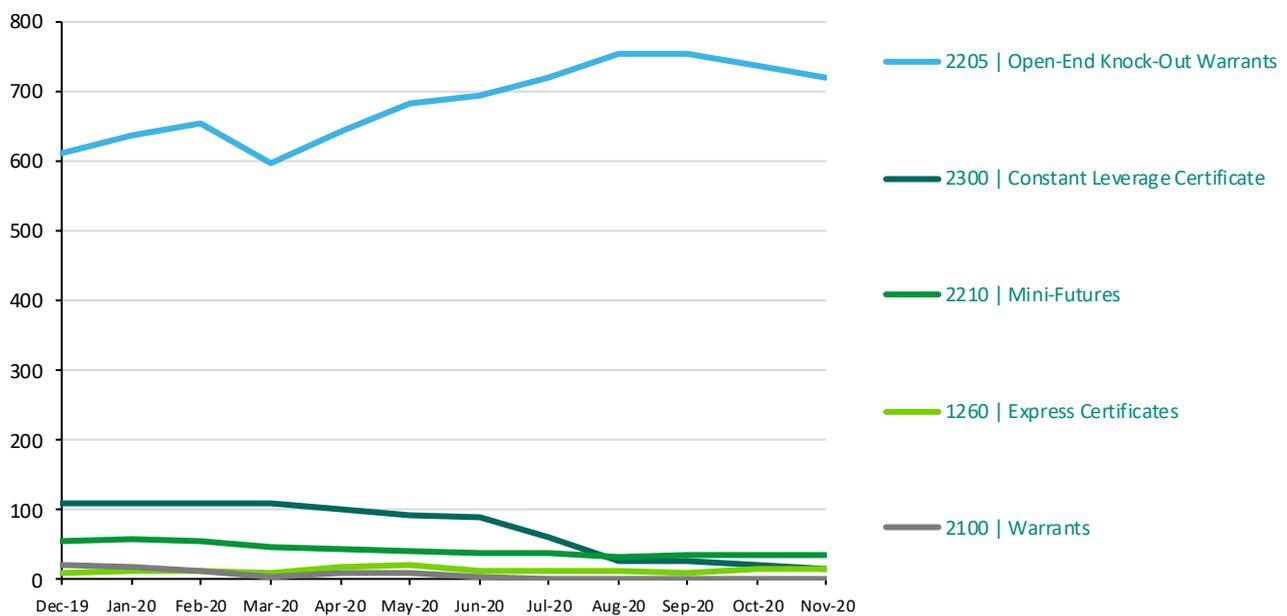
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

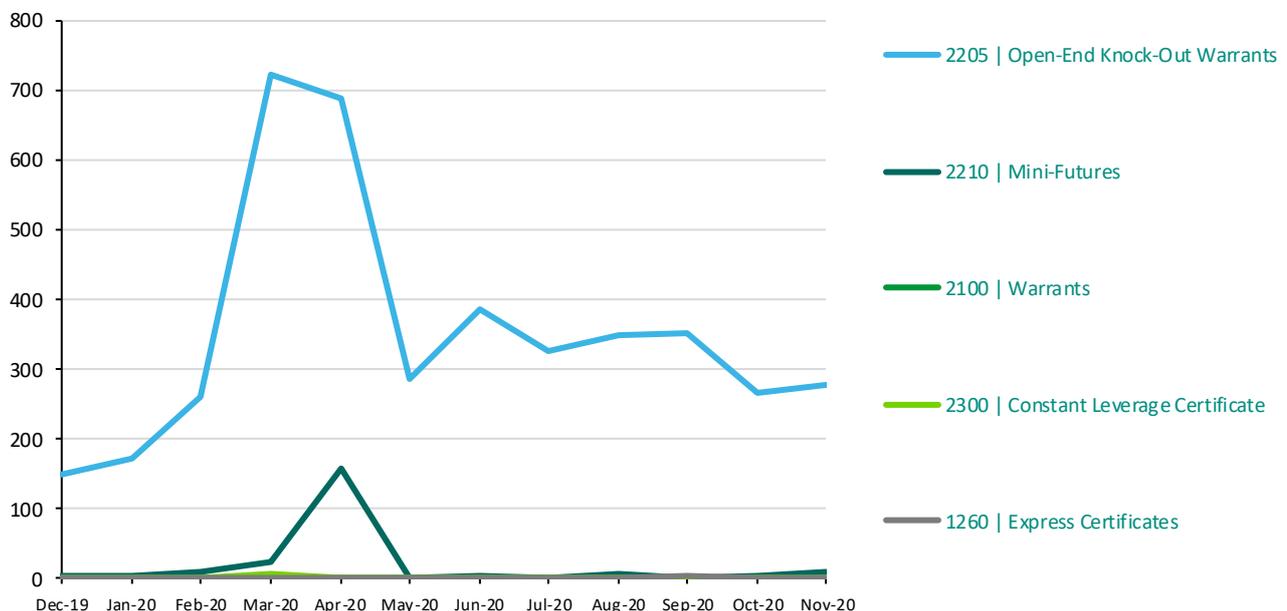
Product Trend: Number of Live Products

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

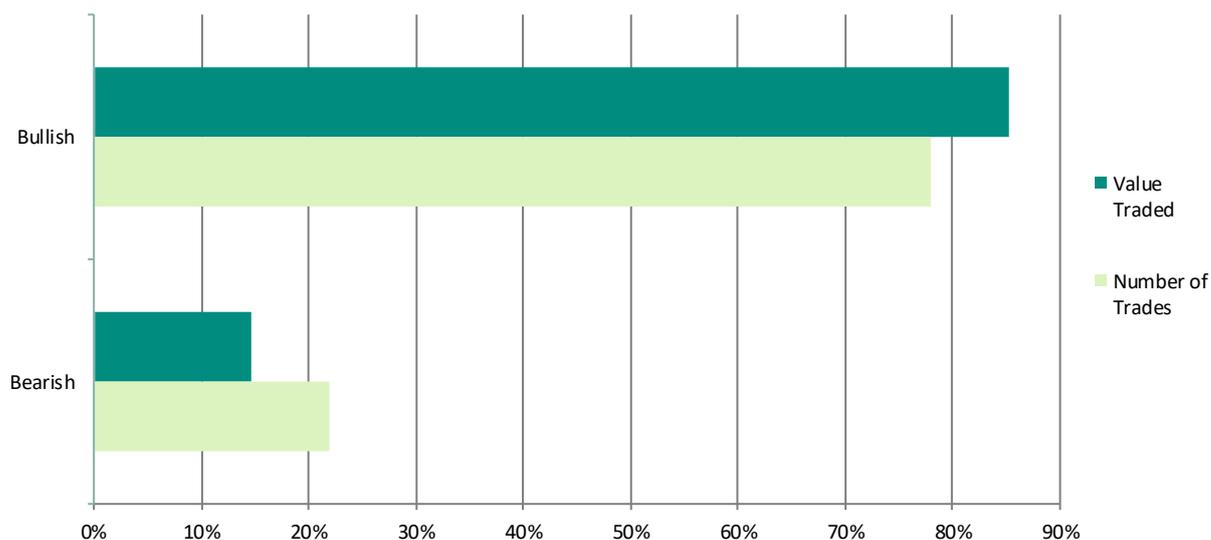
Market Overview

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	420	68%	-10.3%	85.3%	156	28.1%	8.8%	78.0%
Bearish	72	-69%	-64%	14.7%	44	-65%	-63%	22.0%
Total	493	1.5%	-26.1%	100%	199	-18.8%	-23.6%	100%

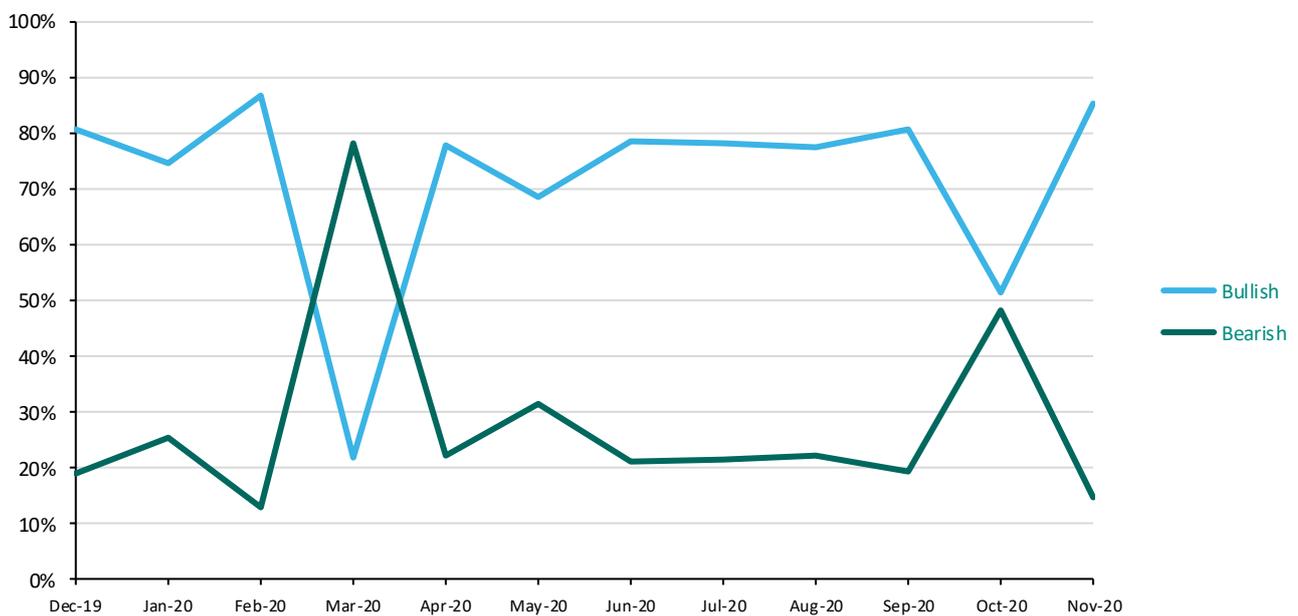
(Source Euronext)



PRODUCT STRATEGIES

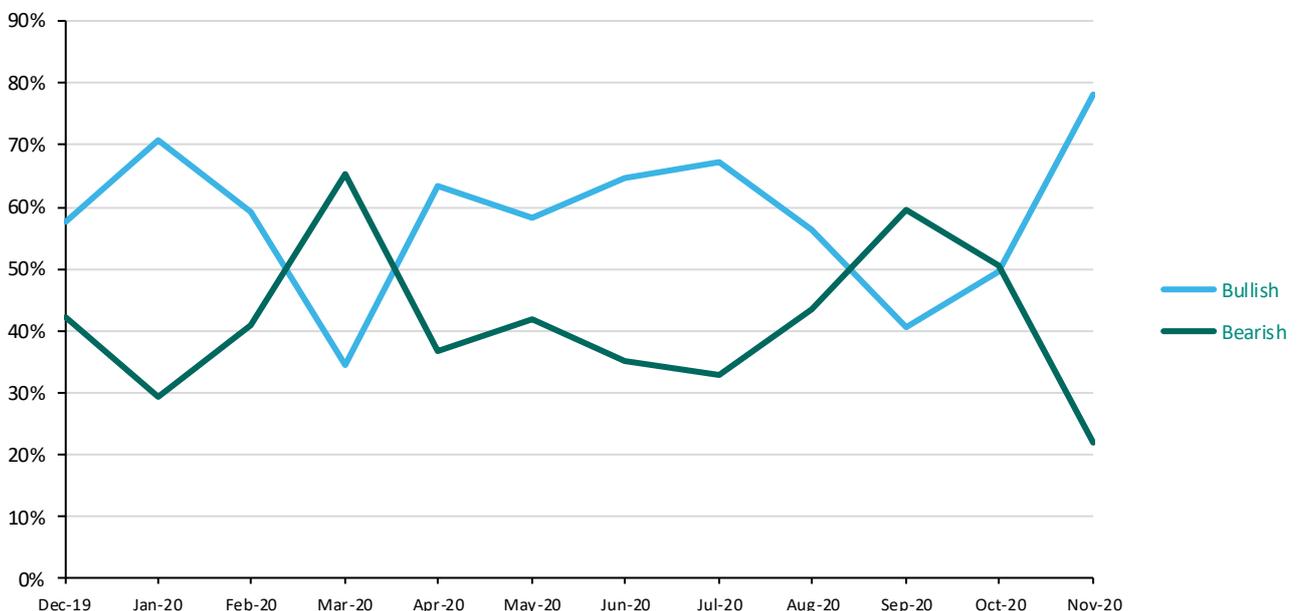
Market Trend: Value traded

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

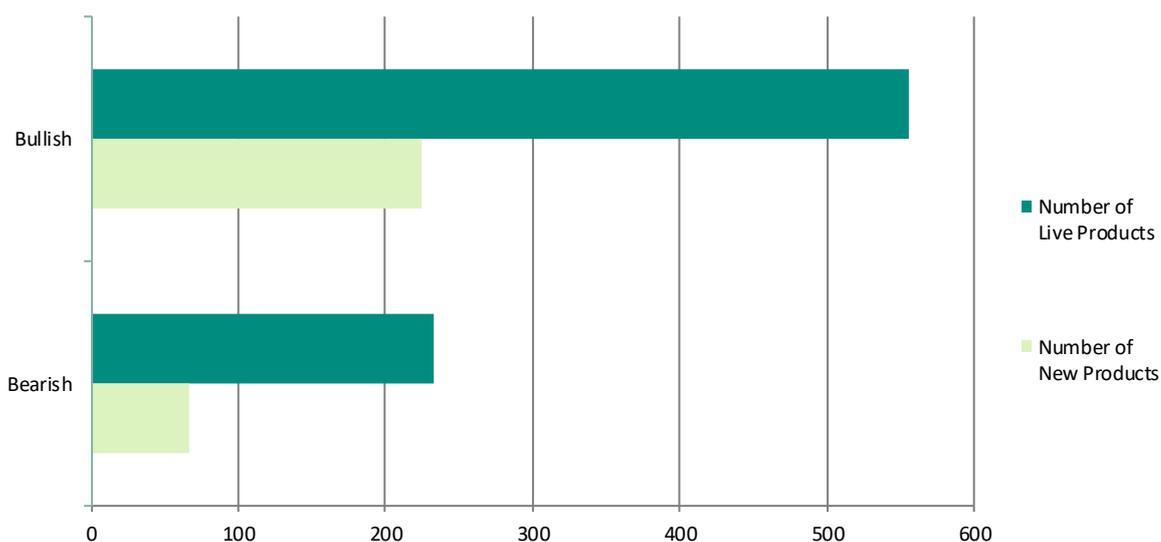
Product Overview

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	556	2.7%	5.2%	70.6%	225	60%	-0.1%	77.3%
Bearish	232	-13.7%	-20%	29.4%	66	-50%	-56%	22.7%
Total	788	-2.7%	-3.9%	100%	291	6.2%	-22.4%	100%

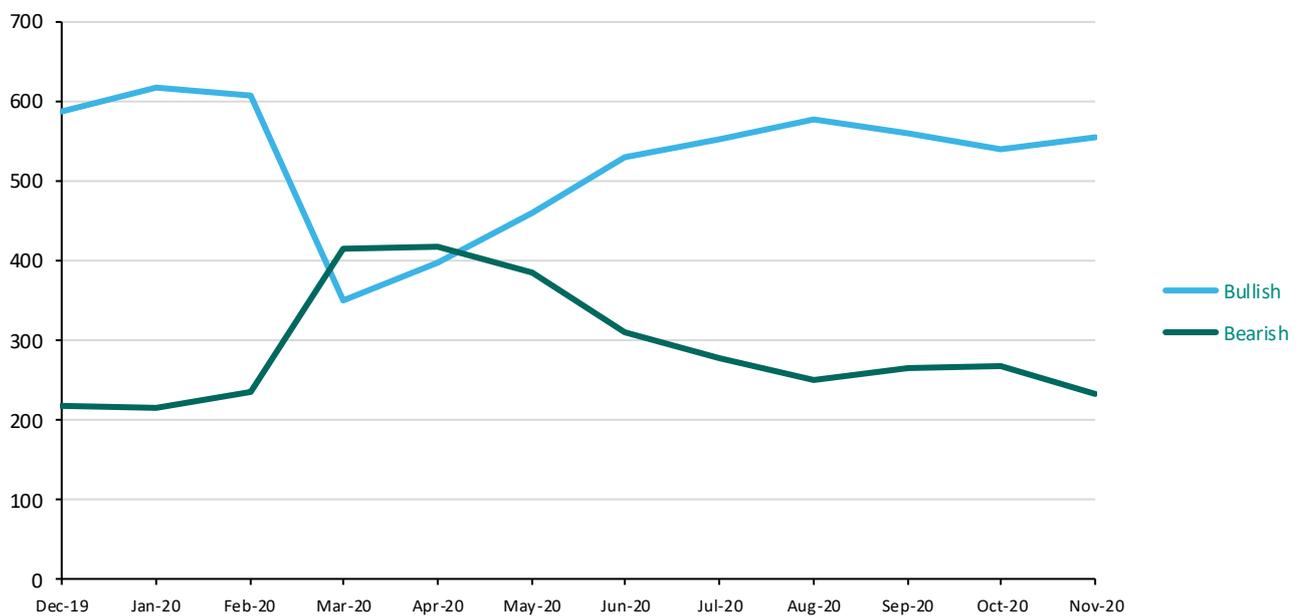
(Source Euronext)



PRODUCT STRATEGIES

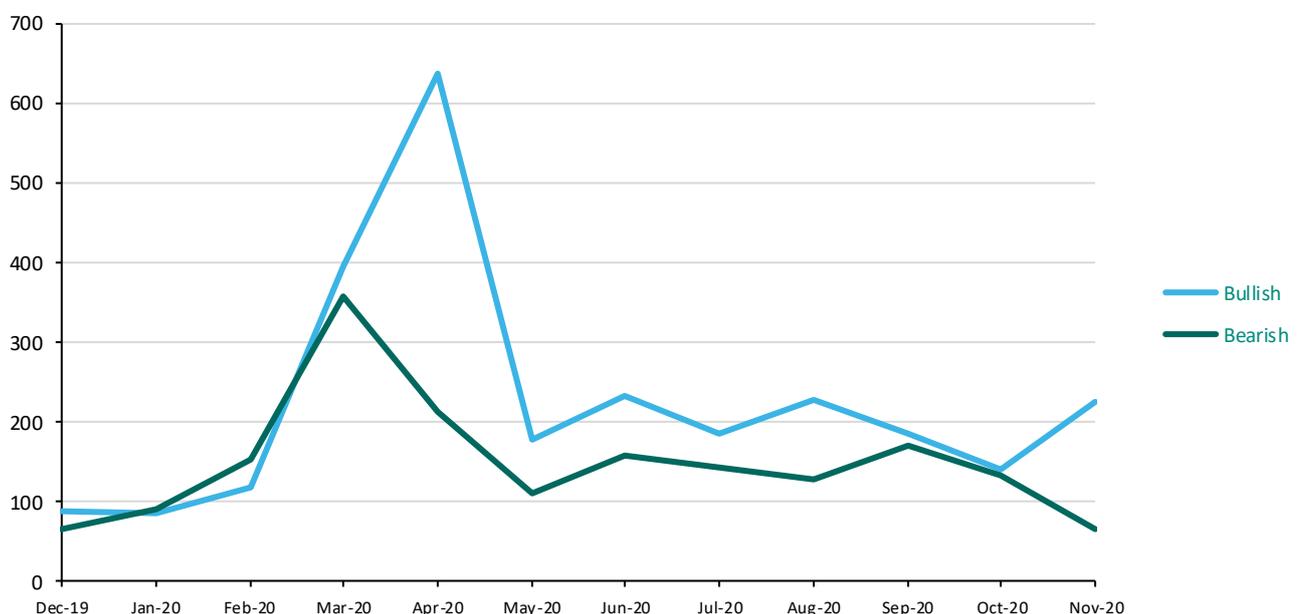
Product Trend: Number of Live Products

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

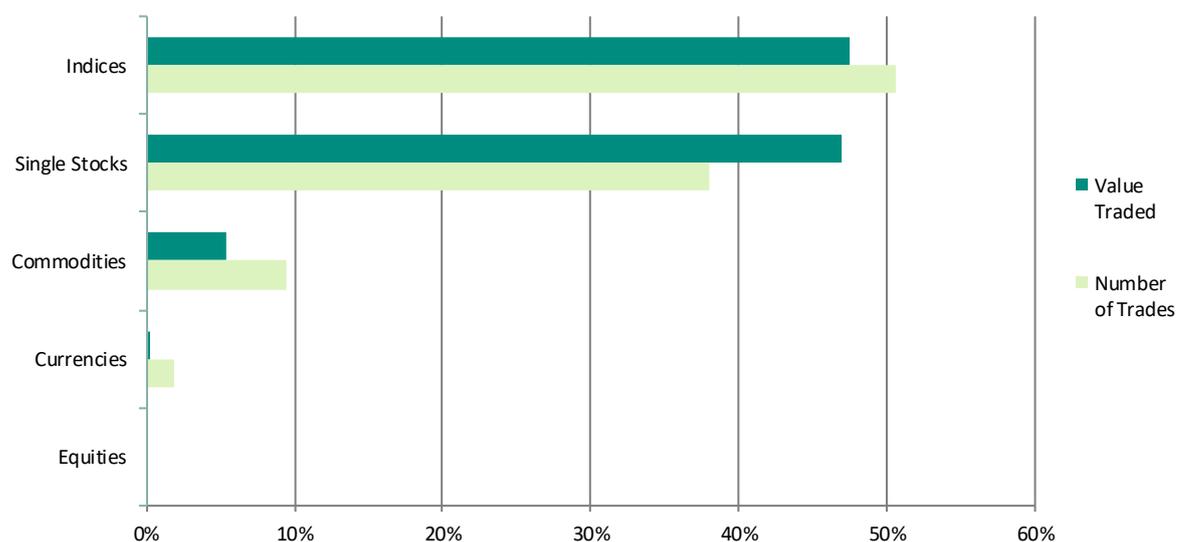
Market Overview

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	234	-30%	-51%	47.5%	101	-32.7%	-37.1%	50.6%
Single Stocks	231	131%	94%	46.9%	76	34.6%	18.9%	38.1%
Commodities	27	-33%	-57%	5.4%	19	-47.6%	-40.5%	9.5%
Currencies	1	-43%	-79%	0.2%	3.7	12.0%	-26.4%	1.8%
Equities	0	-100%	-100%	0.0%	0.0	-100.0%	-100.0%	0.0%
Total	493	1.5%	-26.1%	100%	199	-18.8%	-23.6%	100%

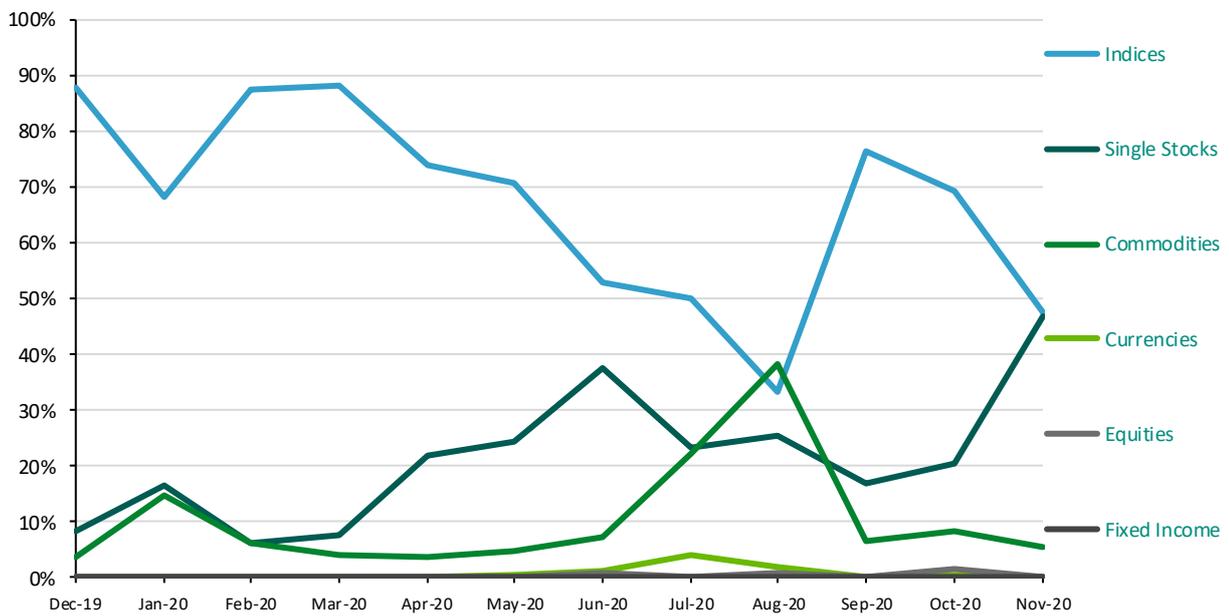
(Source Euronext)



UNDERLYING TYPES

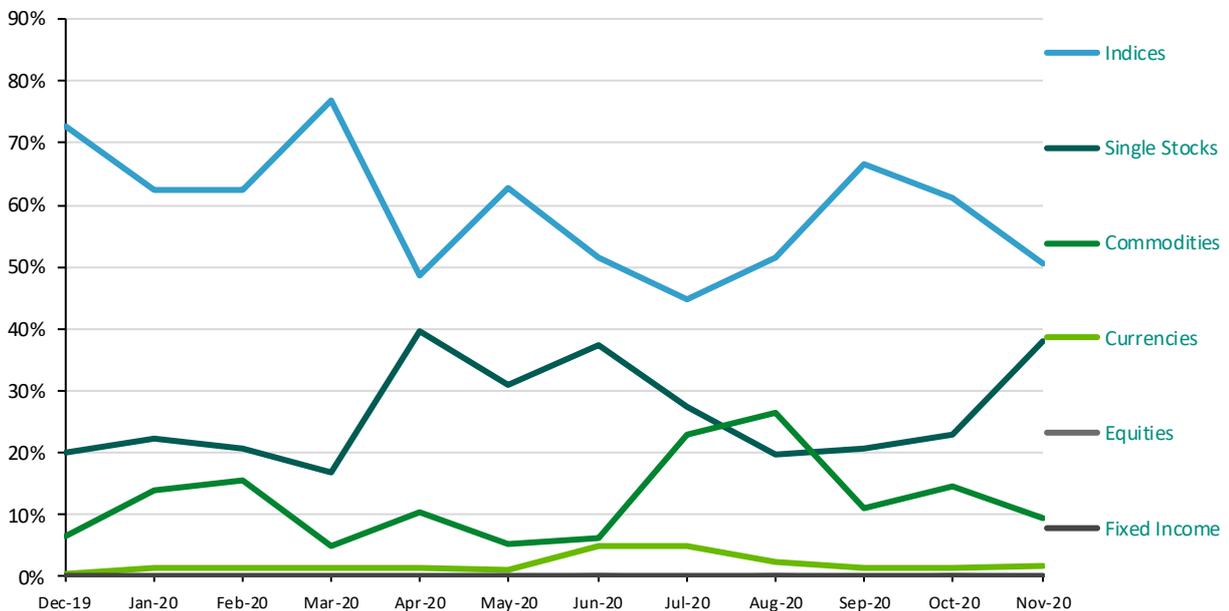
Market Trend: Value traded

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

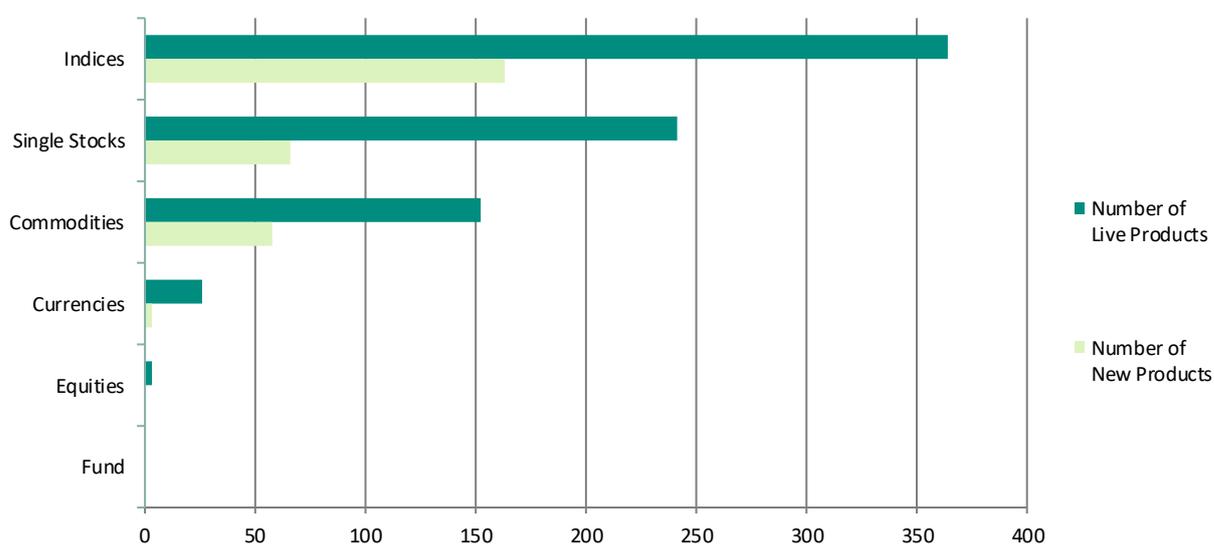
Product Overview

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	364	-2.1%	-2.4%	46.2%	163	-12.8%	-24%	56.0%
Single Stocks	241	-3.4%	-16.7%	30.6%	66	214%	-10.5%	22.7%
Commodities	152	-3.3%	21%	19.3%	58	-4.9%	-26%	19.9%
Currencies	26	-1.6%	8.3%	3.4%	3	-25%	-57%	1.0%
Equities	4	-0.2%	7.4%	0.5%	0			0.0%
Fund	0			0.0%	1	0.0%	0.0%	0.3%
Total	788	-2.7%	-3.9%	100%	291	6.2%	-22.4%	100%

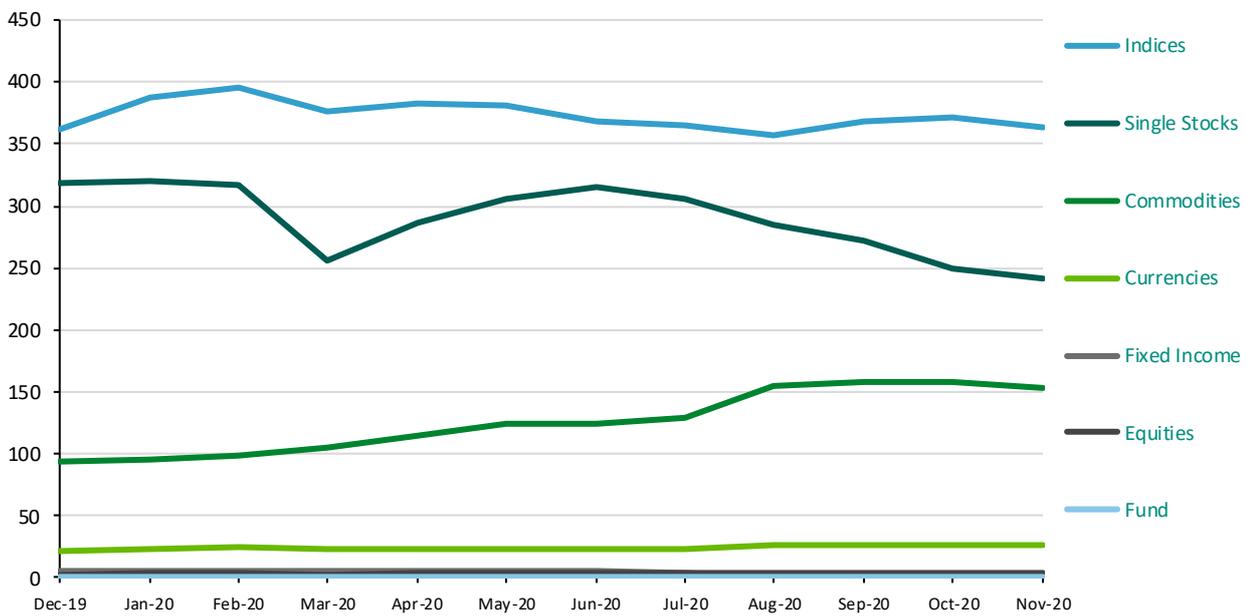
(Source Euronext)



UNDERLYING TYPES

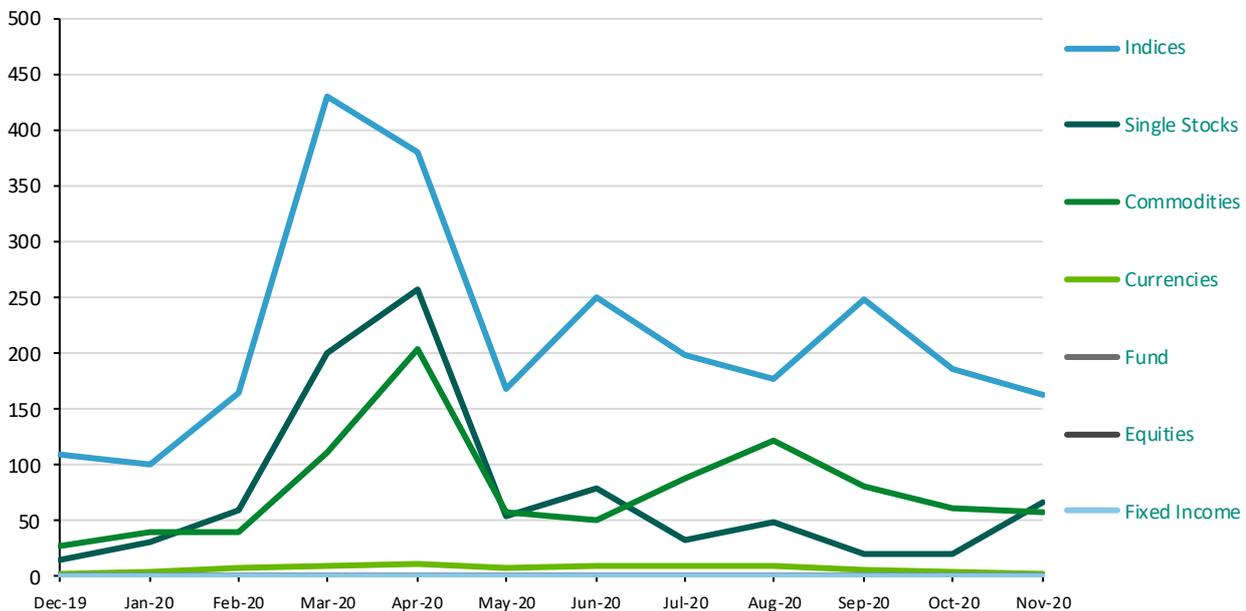
Product Trend: Number of Live Products

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



Product Trend: Number of New Products

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



TOP 10 UNDERLYING COUNTRIES

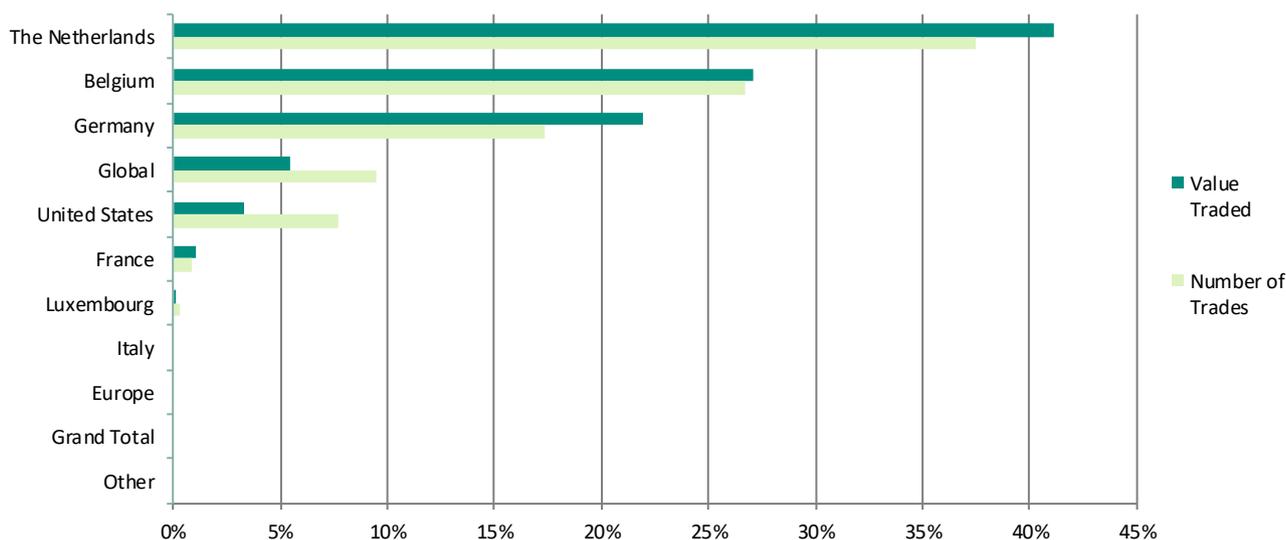
Market Overview

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

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

Underlying Countries	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
The Netherlands	203	84%	18.9%	41.2%	75	43.9%	-18.3%	37.5%
Belgium	133	50%	37%	27.1%	53	10.8%	10.0%	26.7%
Germany	108	-31%	-0.4%	21.9%	35	-56%	-31%	17.4%
Global	27	-38%	-77%	5.4%	19	-48%	-42%	9.5%
United States	16	-76%	-82%	3.3%	15	-45%	-49%	7.7%
France	5	-7.9%	-39%	1.1%	1.8	-3.1%	-63%	0.9%
Luxembourg	1	121%	-67%	0.1%	0.5	65%	-76%	0.3%
Italy	0	-100%	-100%	0.0%	0.0	-100%	-100%	0.0%
Europe	0	-100%	-100%	0.0%	0.0	-100%	-100%	0.0%
Grand Total	#REF!			#REF!	#REF!			#REF!
Other	#REF!			#REF!	#REF!			#REF!
Total	493	1.5%	-26.1%	100%	199	-18.8%	-23.6%	100%

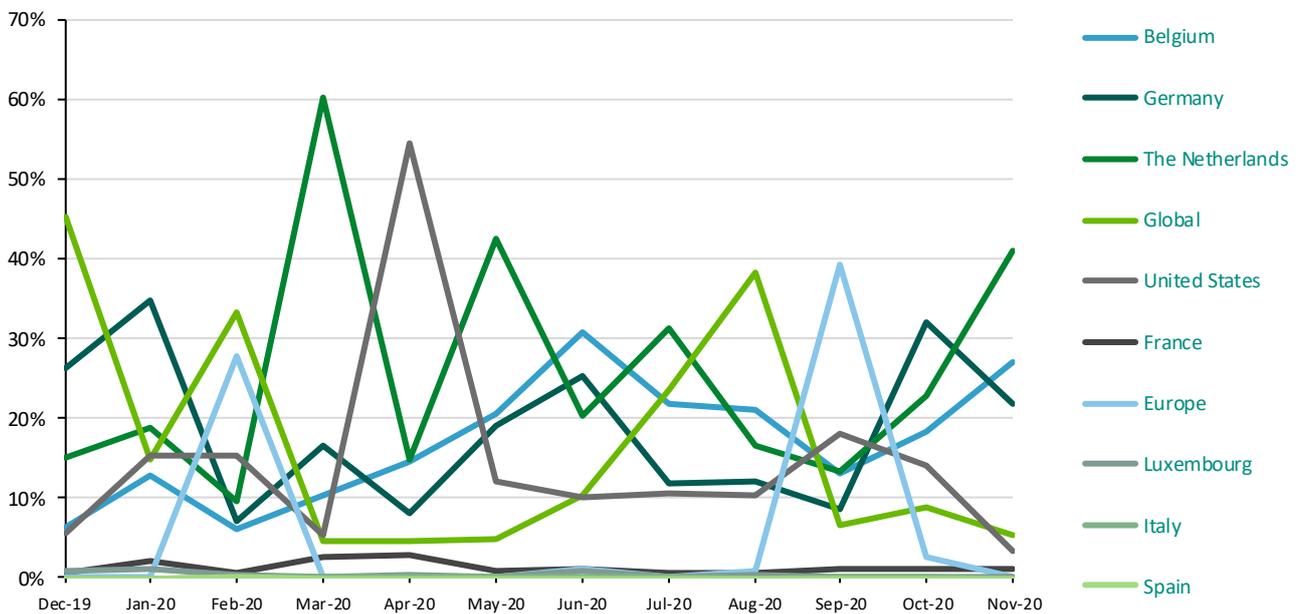
(Source Euronext)



TOP 10 UNDERLYING COUNTRIES

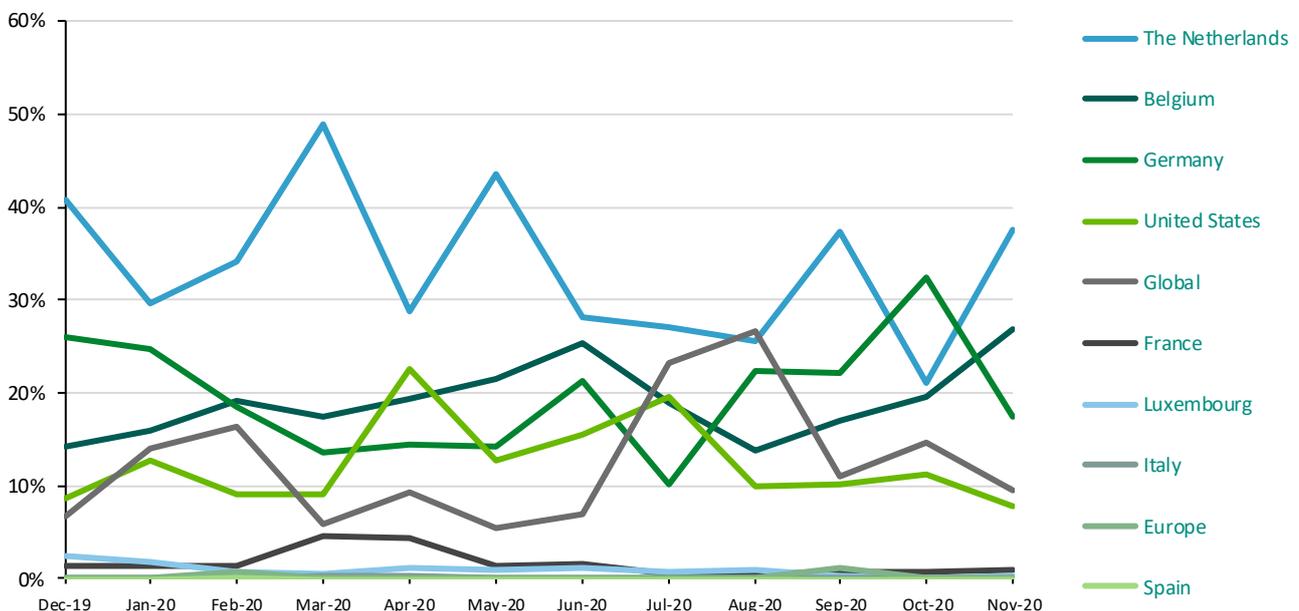
Market Trend: Value traded

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



Market Trend: Number of trades

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



TOP 10 UNDERLYING COUNTRIES

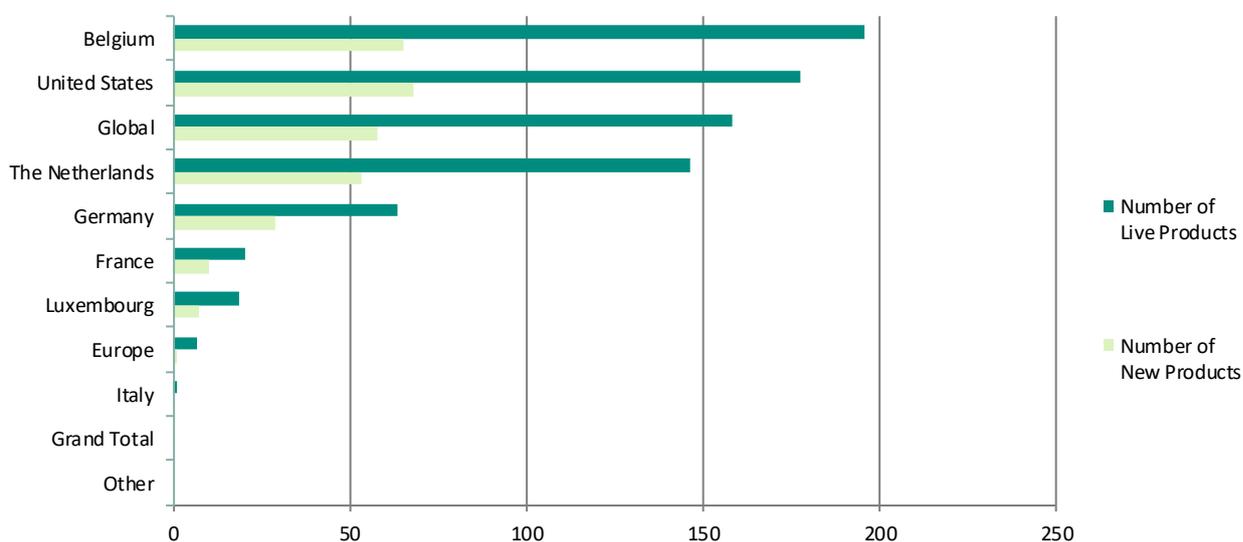
Product Overview

The table below displays the daily 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	196	-1.9%	-11.9%	24.9%	65	86%	5.0%	22.3%
United States	177	-1.4%	9.9%	22.5%	68	-5.6%	-23%	23.4%
Global	158	-3.2%	20%	20.1%	58	-4.9%	-23%	19.9%
The Netherlands	147	-6.9%	-14.8%	18.6%	53	-7.0%	-35%	18.2%
Germany	63	-5.2%	-7.3%	8.0%	29	-34%	-40%	10.0%
France	21	14.0%	-41%	2.6%	10	233%	-24%	3.4%
Luxembourg	19	9.8%	22%	2.4%	7	600%	38%	2.4%
Europe	7	1.9%	-22%	0.9%	1	0.0%	-33%	0.3%
Italy	1	-39%	-68%	0.1%	0			0.0%
Grand Total	#REF!			#REF!	#REF!			#REF!
Other	#REF!			#REF!	#REF!			#REF!
Total	788	-2.7%	-3.9%	100%	291	6.2%	-22.4%	100%

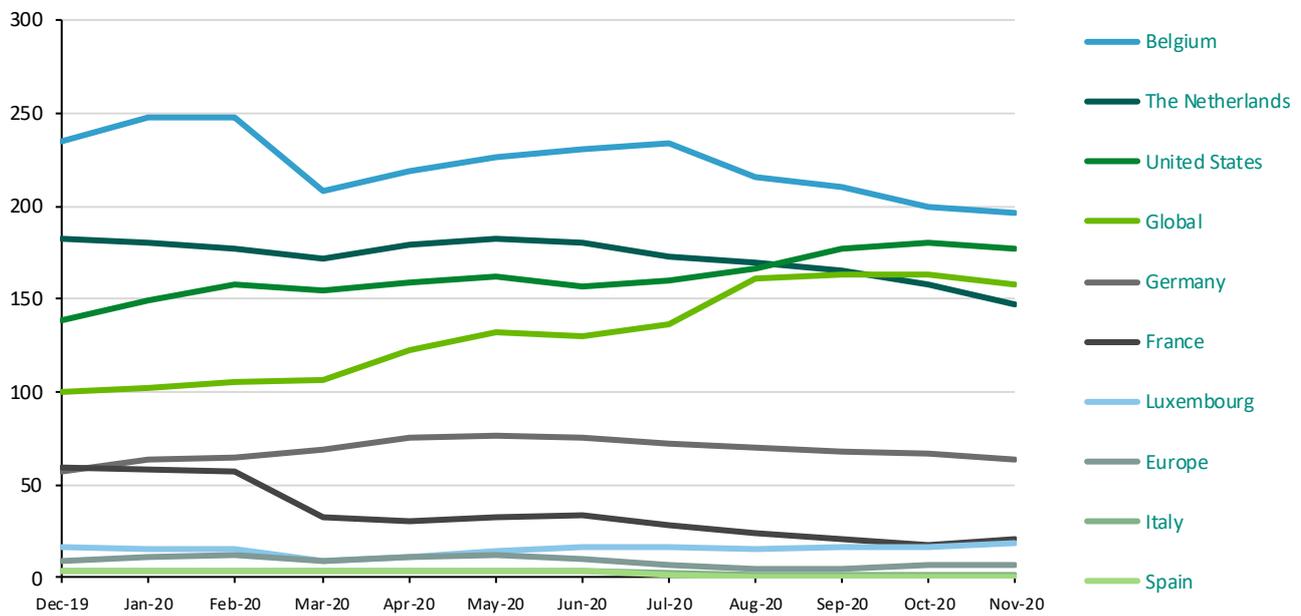
(Source Euronext)



TOP 10 UNDERLYING COUNTRIES

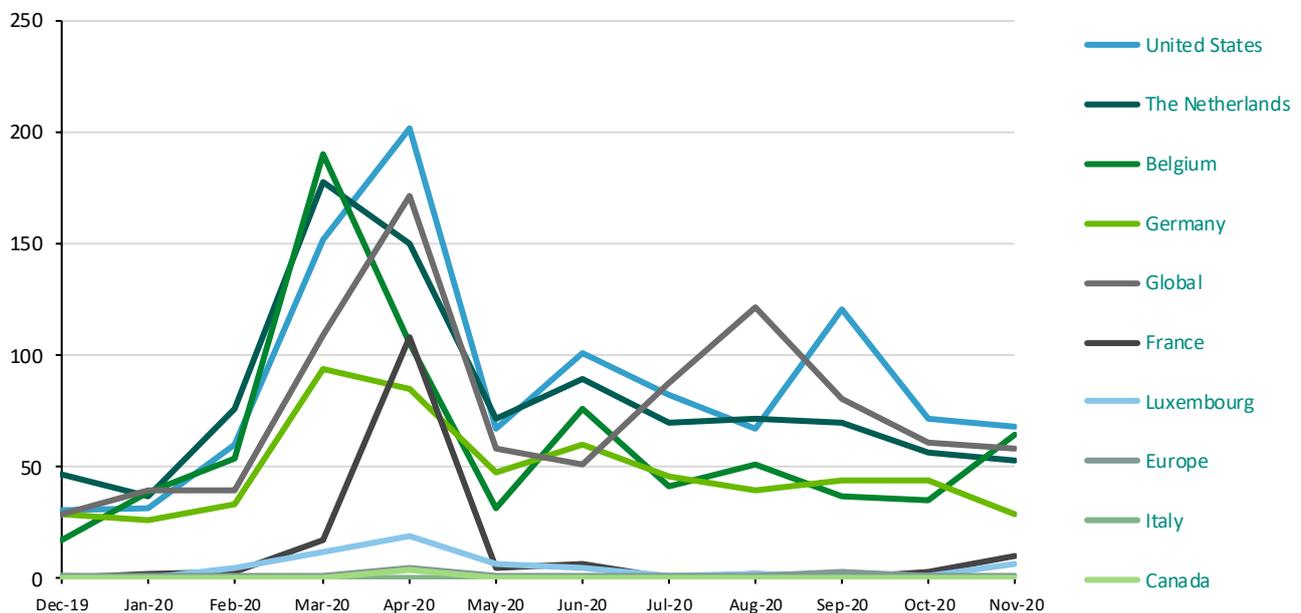
Product Trend: Number of Live Products

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

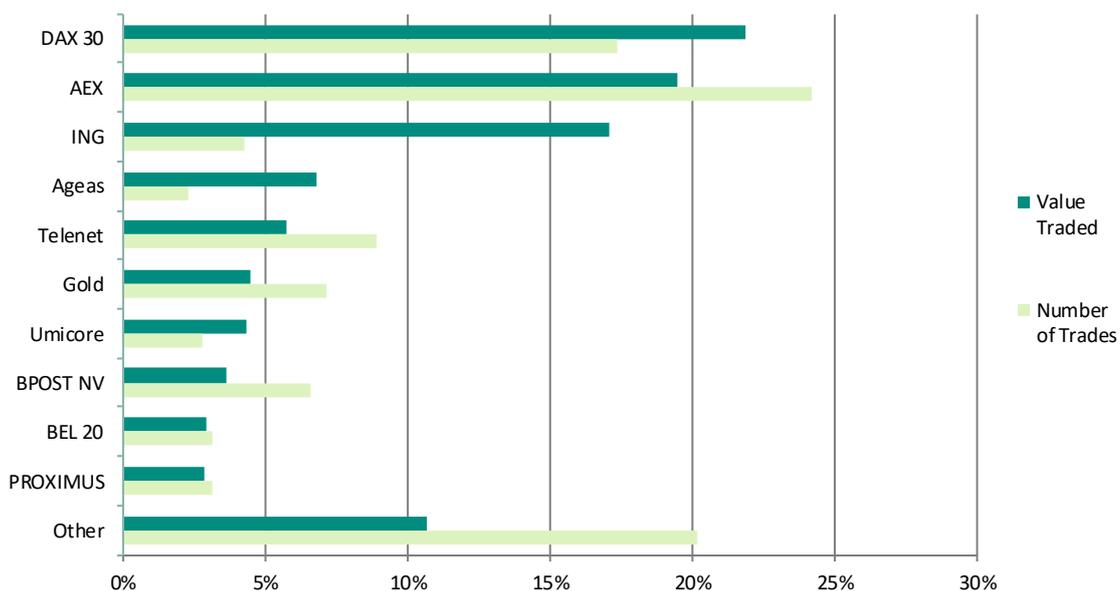
Market Overview

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
DAX 30	108	-31%	-0.4%	21.9%	35	-56.4%	-31.2%	17.4%
AEX	96	-1.3%	-32%	19.5%	48	17.7%	-34%	24.2%
ING	84	NA	386%	17.1%	8.5	98%	24%	4.3%
Ageas	34	28%	1.8%	6.8%	4.6	-11.6%	-33%	2.3%
Telenet	28	158%	372%	5.7%	18	68%	210%	8.9%
Gold	22	-27%	-41%	4.5%	14	-51%	-28%	7.2%
Umicore	21	93%	221%	4.3%	5.5	43%	85%	2.7%
BPOST NV	18	NA	687%	3.6%	13	352%	427%	6.6%
BEL 20	15	87%	-4.5%	3.0%	6.2	28%	-26%	3.1%
PROXIMUS	14	19.3%	145%	2.9%	6.2	58%	150%	3.1%
Other	53		-82%	10.7%	40	-33%	-51%	20.2%
Total	493	1.5%	-26.1%	100%	199	-18.8%	-23.6%	100%

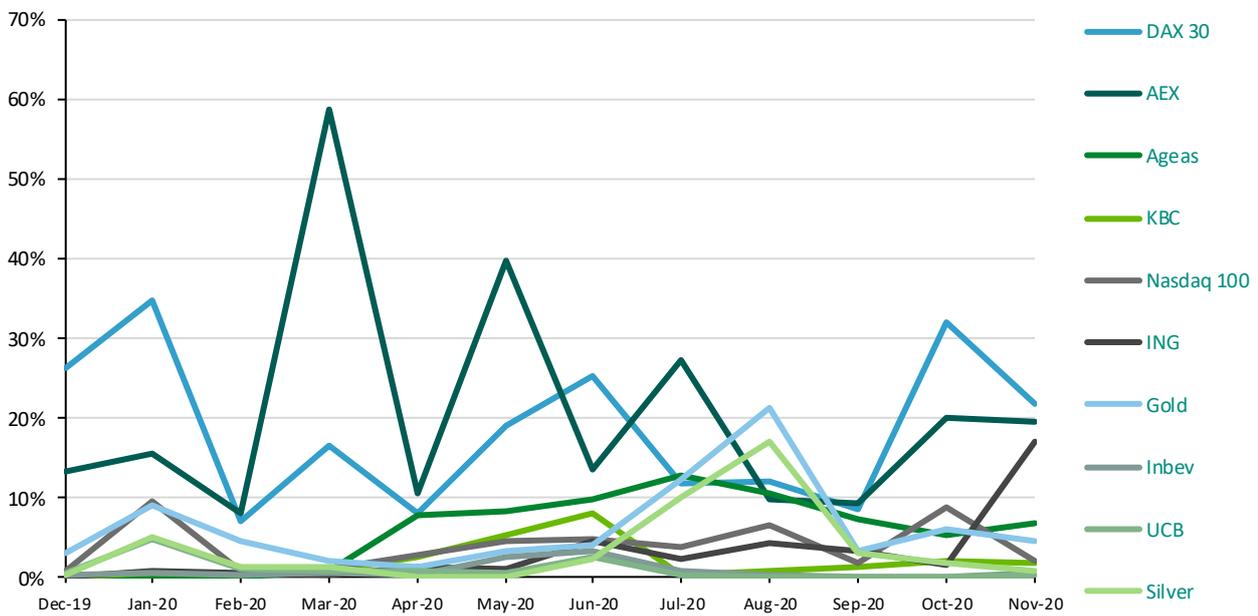
(Source Euronext)



TOP 10 UNDERLYINGS

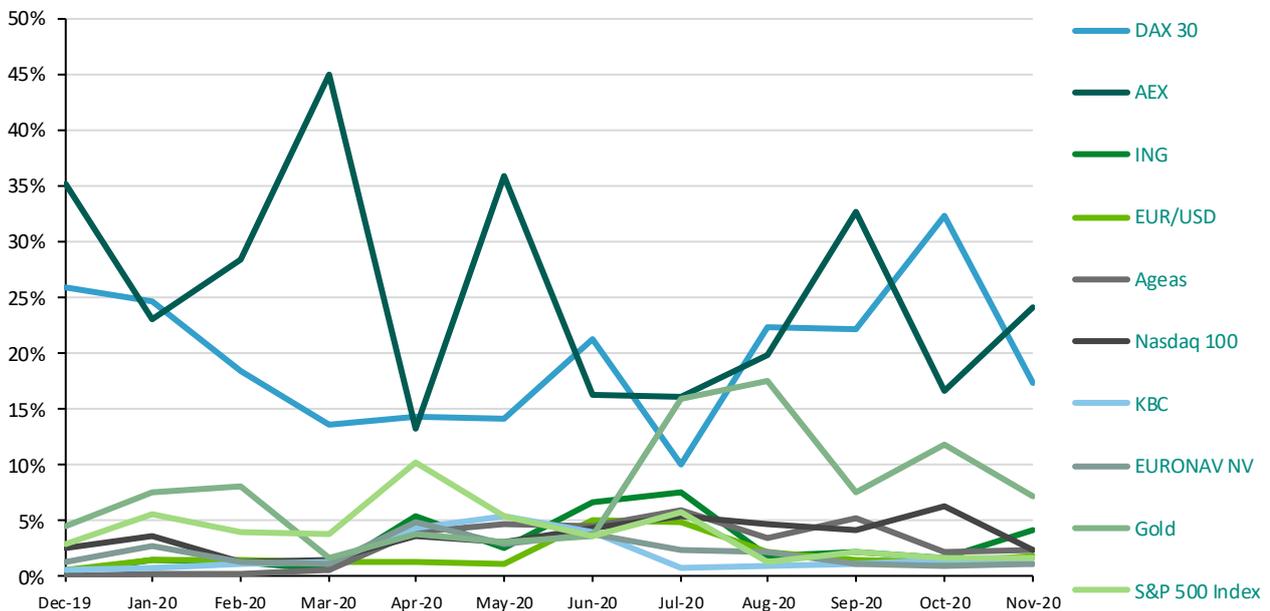
Market Trend: Value traded

The historical graph below displays the weight of the value traded for each top 10 underlying over the total value traded on Euroclear 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

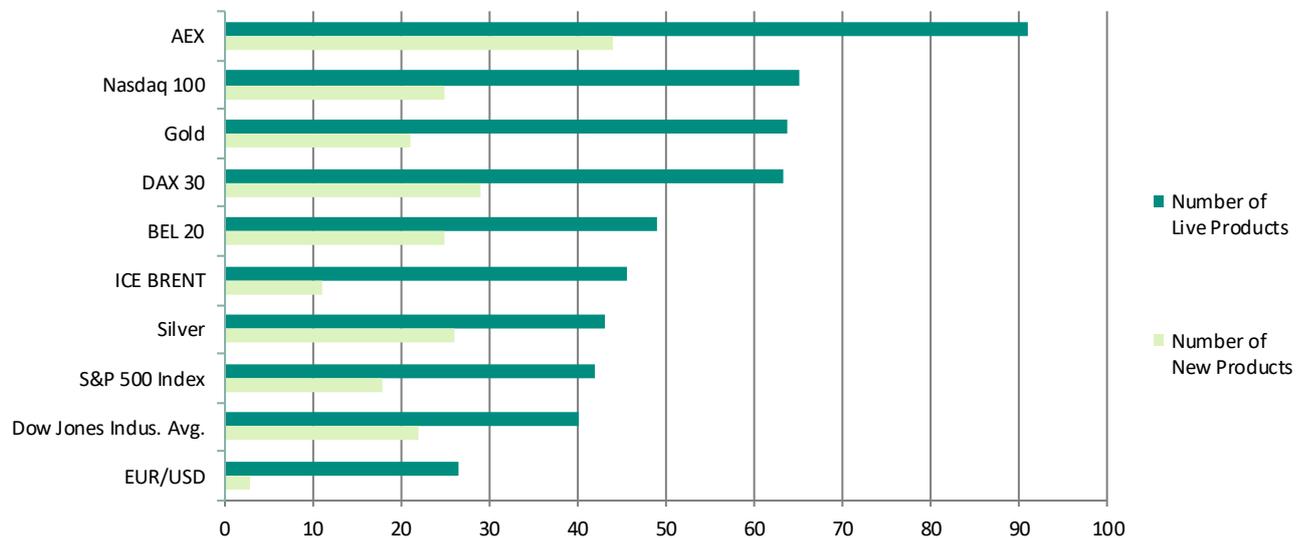
Product Overview

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
AEX	91	-4.5%	-9.1%	11.5%	44	-17.0%	-33%	15.1%
Nasdaq 100	65	-3.4%	34%	8.3%	25	-19.4%	-24%	8.6%
Gold	64	-2.5%	23%	8.1%	21	-4.5%	-25%	7.2%
DAX 30	63	-5.2%	-5.6%	8.0%	29	-34%	-39%	10.0%
BEL 20	49	6.1%	10.4%	6.2%	25	13.6%	20.0%	8.6%
ICE BRENT	46	-4.4%	10.1%	5.8%	11	175%	-42%	3.8%
Silver	43	-3.3%	43%	5.5%	26	-26%	-8.5%	8.9%
S&P 500 Index	42	1.0%	14.3%	5.3%	18	5.9%	-11.1%	6.2%
Dow Jones Indus. Avg.	40	2.9%	6.5%	5.1%	22	10.0%	-8.3%	7.6%
EUR/USD	26	-1.6%	8.3%	3.4%	3	-25%	-57%	1.0%
Other	259	-4.0%	-23%	32.9%	67	205%	-17.7%	23.0%
Total	788	-2.7%	-3.9%	100%	291	6.2%	-22.4%	100%

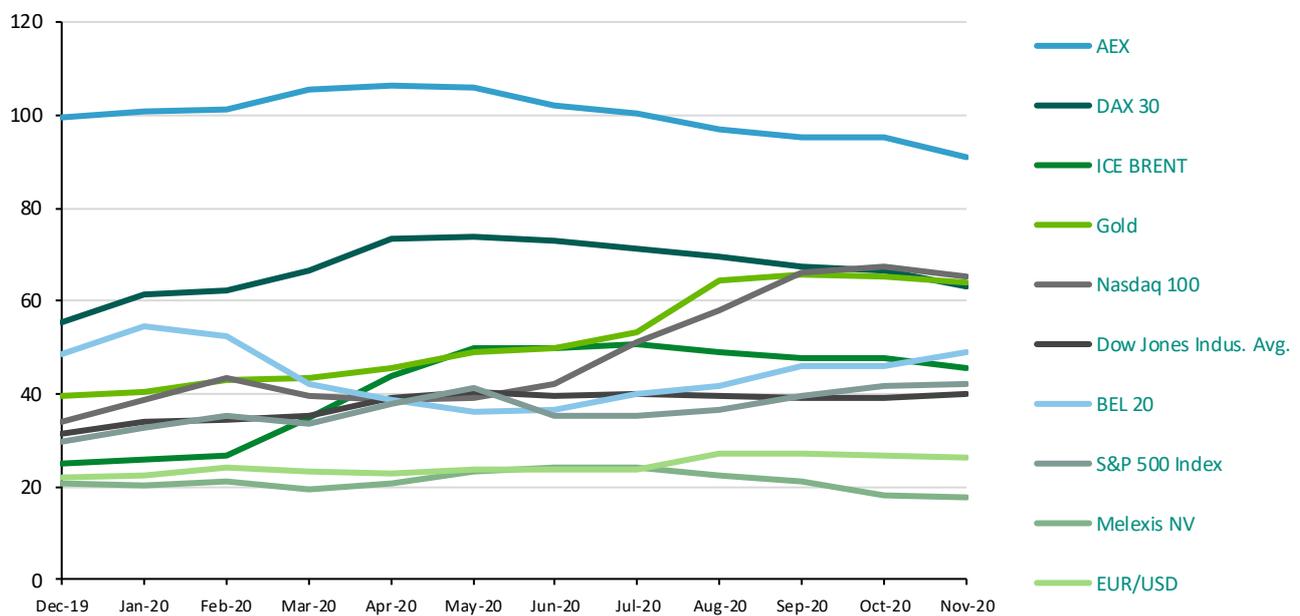
(Source Euronext)



TOP 10 UNDERLYINGS

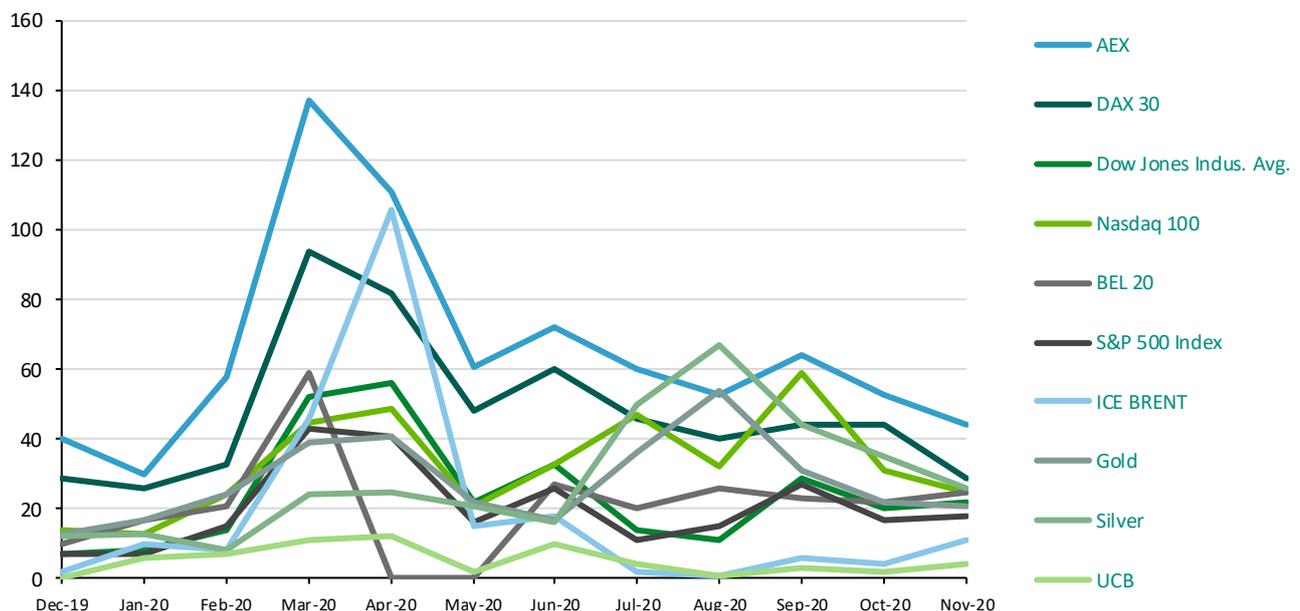
Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each top 10 underlying on 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
DE000SB0K2K7	Société Générale	2205 Open-End Knock-Out Warrants	ING	1,724	113
DE000SD07UX6	Société Générale	2205 Open-End Knock-Out Warrants	AEX	839	154
DE000SD1QSZ7	Société Générale	2205 Open-End Knock-Out Warrants	DAX 30	547	217
DE000SR8PQQ1	Société Générale	2205 Open-End Knock-Out Warrants	DAX 30	511	15
DE000CL7JLZ2	Société Générale	2205 Open-End Knock-Out Warrants	Telenet	493	316
DE000SR8RGZ9	Société Générale	2205 Open-End Knock-Out Warrants	Ageas	308	24
DE000SR8RGY2	Société Générale	2205 Open-End Knock-Out Warrants	DAX 30	277	196
DE000CJ3LPG2	Société Générale	2205 Open-End Knock-Out Warrants	Umicore	231	73
DE000SD033P5	Société Générale	2205 Open-End Knock-Out Warrants	Ageas	212	16
DE000SB4AGF4	Société Générale	2205 Open-End Knock-Out Warrants	BPOST NV	209	151
DE000CJ3K852	Société Générale	2205 Open-End Knock-Out Warrants	DAX 30	200	47
DE000SD1B2Q0	Société Générale	2205 Open-End Knock-Out Warrants	AEX	178	66
DE000SD1KWP3	Société Générale	2205 Open-End Knock-Out Warrants	AEX	176	80
DE000SD1B2R8	Société Générale	2205 Open-End Knock-Out Warrants	AEX	163	105
DE000SD03916	Société Générale	2205 Open-End Knock-Out Warrants	AEX	154	50
DE000SB5SEC5	Société Générale	2205 Open-End Knock-Out Warrants	Gold	152	27
DE000SB4HAK2	Société Générale	2205 Open-End Knock-Out Warrants	PROXIMUS	151	64
DE000CJ3MRH4	Société Générale	2205 Open-End Knock-Out Warrants	DAX 30	147	42
DE000SR8F1U3	Société Générale	2205 Open-End Knock-Out Warrants	DAX 30	130	4
DE000SB5PHM3	Société Générale	2205 Open-End Knock-Out Warrants	Umicore	123	16
DE000SB4AGE7	Société Générale	2205 Open-End Knock-Out Warrants	BPOST NV	122	80
DE000SB27D86	Société Générale	2205 Open-End Knock-Out Warrants	Gold	112	107
DE000SD07U38	Société Générale	2205 Open-End Knock-Out Warrants	DAX 30	110	29
DE000SD1GNE4	Société Générale	2205 Open-End Knock-Out Warrants	PROXIMUS	108	48
DE000SD0N6G9	Société Générale	2205 Open-End Knock-Out Warrants	BEL 20	95	10
DE000SD0WVZ1	Société Générale	2205 Open-End Knock-Out Warrants	Nasdaq 100	92	22
DE000SR8CGB2	Société Générale	2205 Open-End Knock-Out Warrants	AEX	86	210
DE000CL7LY65	Société Générale	2205 Open-End Knock-Out Warrants	Total	85	19
DE000SD1DGZ0	Société Générale	2205 Open-End Knock-Out Warrants	Nasdaq 100	83	33
DE000CJ3MPE5	Société Générale	2205 Open-End Knock-Out Warrants	DAX 30	78	22
DE000SD03973	Société Générale	2205 Open-End Knock-Out Warrants	BEL 20	76	17
DE000SD1B1J7	Société Générale	2205 Open-End Knock-Out Warrants	Ageas	75	17
DE000SD1NB85	Société Générale	2205 Open-End Knock-Out Warrants	AEX	73	18
DE000SD1NB51	Société Générale	2205 Open-End Knock-Out Warrants	Gold	71	43
DE000SD07U12	Société Générale	2205 Open-End Knock-Out Warrants	DAX 30	61	18
DE000SD1B2P2	Société Générale	2205 Open-End Knock-Out Warrants	AEX	58	20
DE000SD0YL65	Société Générale	2205 Open-End Knock-Out Warrants	Umicore	55	7
DE000SD1NB93	Société Générale	2205 Open-End Knock-Out Warrants	AEX	51	43
DE000SD0RX03	Société Générale	2205 Open-End Knock-Out Warrants	AEX	50	8
DE000CL3ZMW2	Société Générale	2205 Open-End Knock-Out Warrants	KBC	47	3
DE000SB3S335	Société Générale	2205 Open-End Knock-Out Warrants	Ontex Group Ord Shs	45	91
DE000SB3WB86	Société Générale	2205 Open-End Knock-Out Warrants	Telenet	45	15
DE000CL8PPG8	Société Générale	2205 Open-End Knock-Out Warrants	KBC	44	6
DE000CJ3MEZ4	Société Générale	2205 Open-End Knock-Out Warrants	EURONAV NV	41	32
DE000CL7RUH4	Société Générale	2205 Open-End Knock-Out Warrants	Cofinimmo	40	15
DE000CJ3M7P7	Société Générale	2205 Open-End Knock-Out Warrants	DAX 30	39	14
DE000SD1GNA2	Société Générale	2205 Open-End Knock-Out Warrants	Ageas	38	7
DE000CJ3K803	Société Générale	2205 Open-End Knock-Out Warrants	AEX	37	82
DE000CL3ZLC6	Société Générale	2205 Open-End Knock-Out Warrants	Umicore	36	14
DE000SB0K2A8	Société Générale	2205 Open-End Knock-Out Warrants	Inbev	36	8

(Source Euronext)



Euroclear France Instruments

ISSUERS

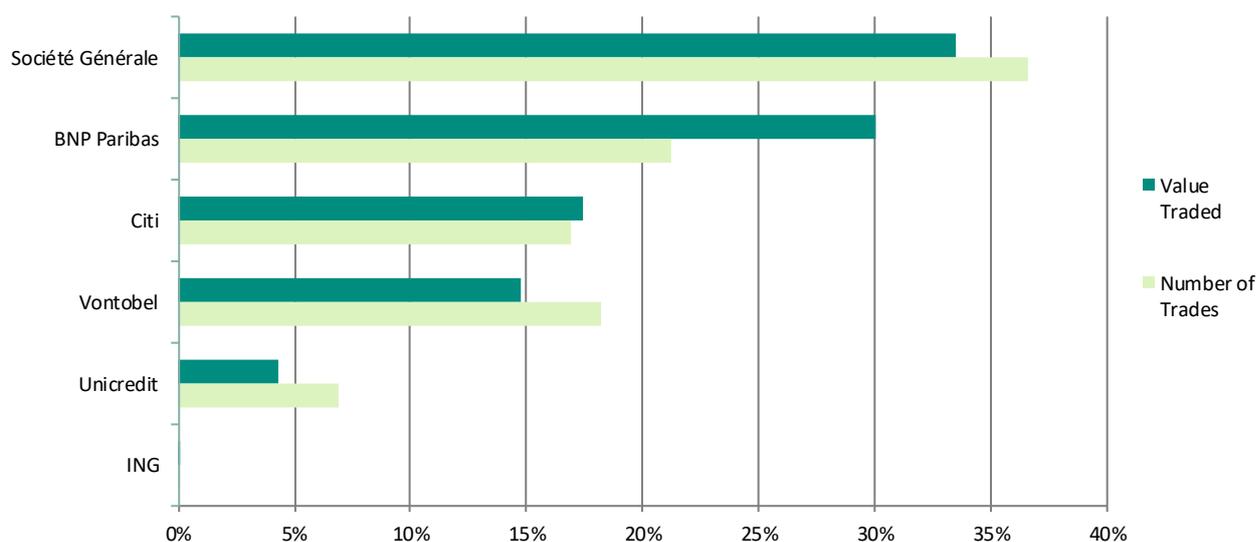
Market Overview

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	7,754	28%	7.6%	33.5%	3,061	17.2%	14.8%	36.6%
BNP Paribas	6,955	1.3%	0.3%	30.0%	1,776	14.7%	0.4%	21.3%
Citi	4,046	-3.7%	39%	17.5%	1,414	-3.1%	25.1%	16.9%
Vontobel	3,418	83%	31%	14.8%	1,523	30.6%	24.6%	18.2%
Unicredit	989	3.0%	-11.9%	4.3%	579	11.3%	13.7%	6.9%
ING	5	268%	-92%	0.0%	3.0	252.9%	-85.7%	0.0%
Total	23,166	16.1%	5.5%	100%	8,357	14.4%	7.2%	100%

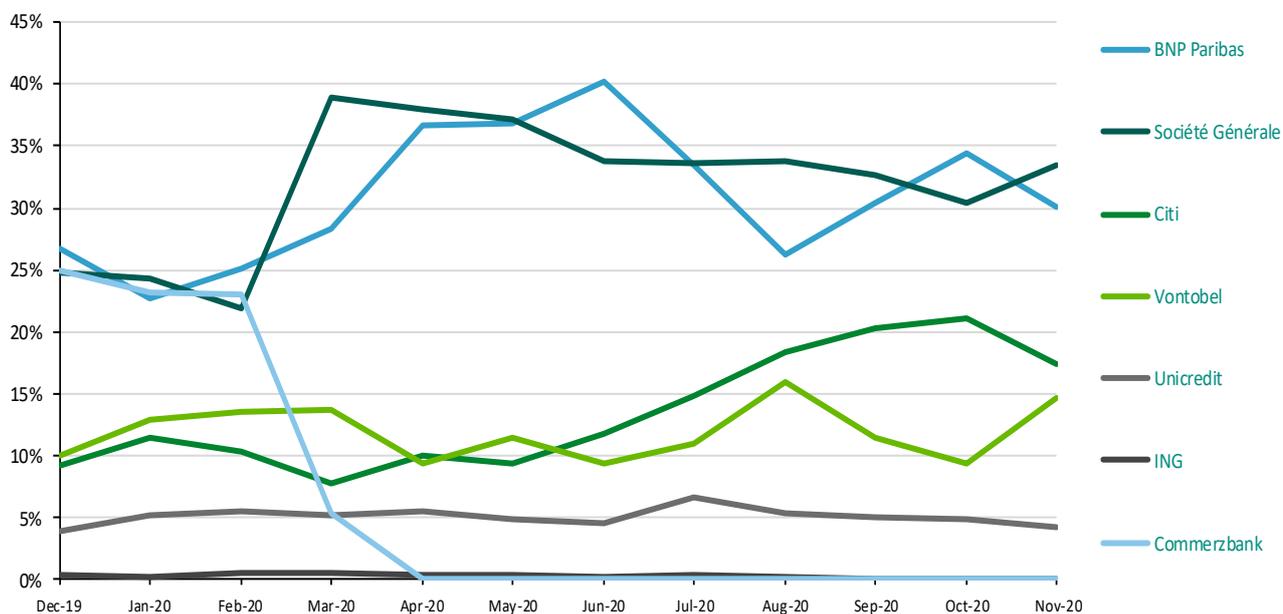
(Source Euronext)



ISSUERS

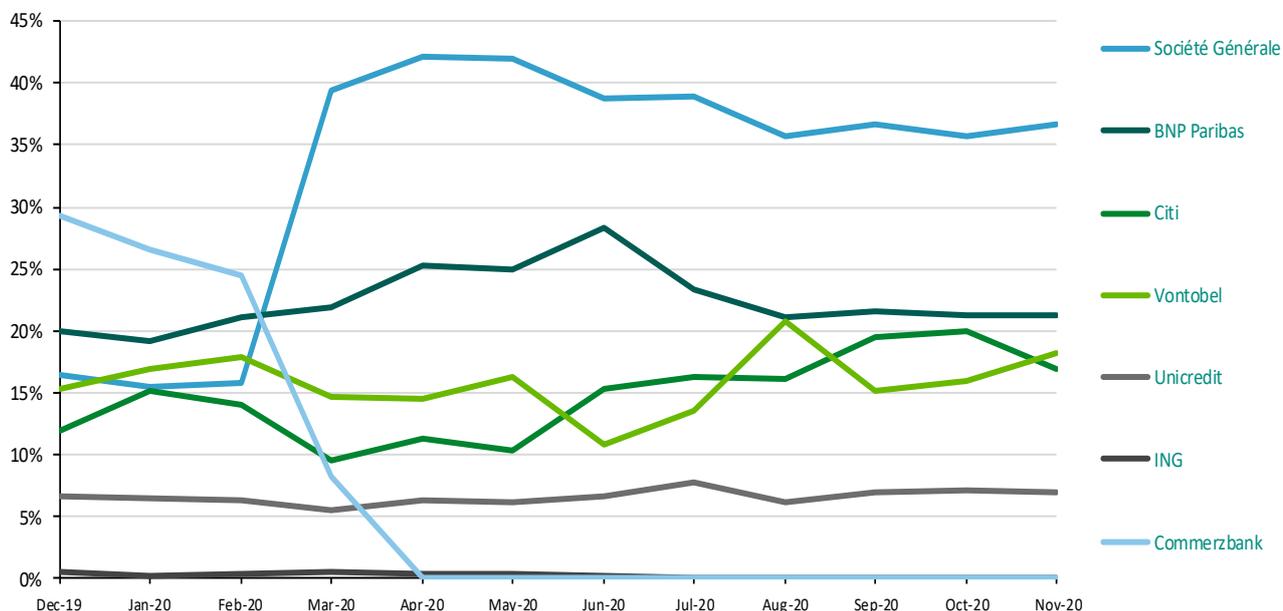
Market Trend: Value traded

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

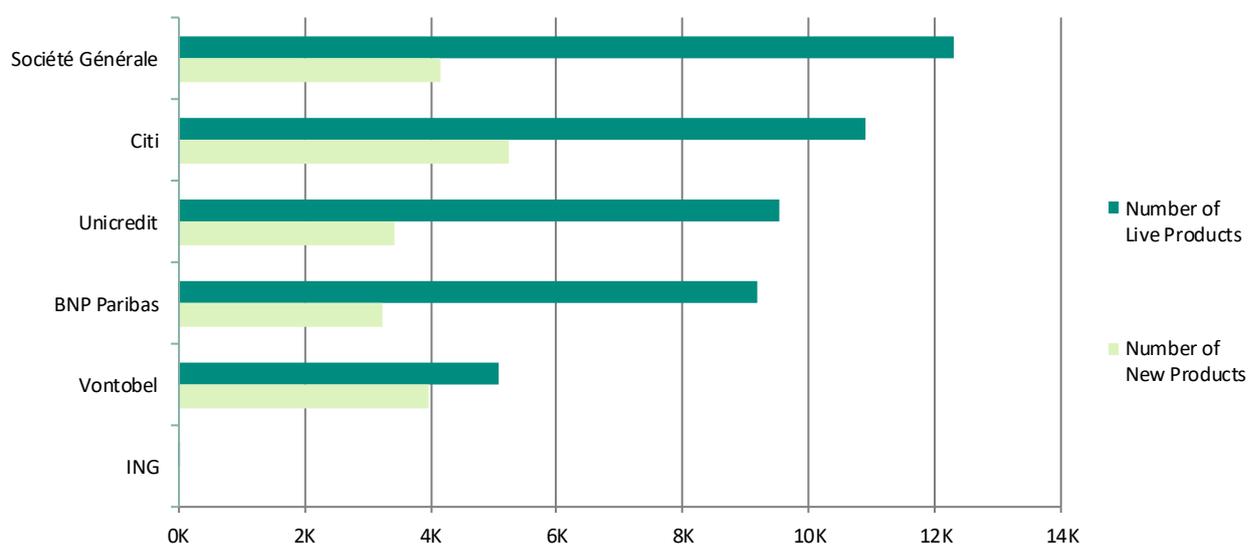
Product Overview

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	12,293	5.5%	5.1%	26.1%	4,145	54%	-2.6%	20.7%
Citi	10,897	11.6%	13.3%	23.2%	5,253	7.8%	19.8%	26.2%
Unicredit	9,548	14.3%	7.6%	20.3%	3,441	75%	22%	17.2%
BNP Paribas	9,195	0.8%	-13.0%	19.5%	3,247	21%	-14.7%	16.2%
Vontobel	5,089	6.3%	7.3%	10.8%	3,977	10.8%	14.1%	19.8%
ING	36	-9.9%	-84%	0.1%	0		-100%	0.0%
Total	47,058	7.6%	-3.7%	100%	20,063	26.9%	3.1%	100%

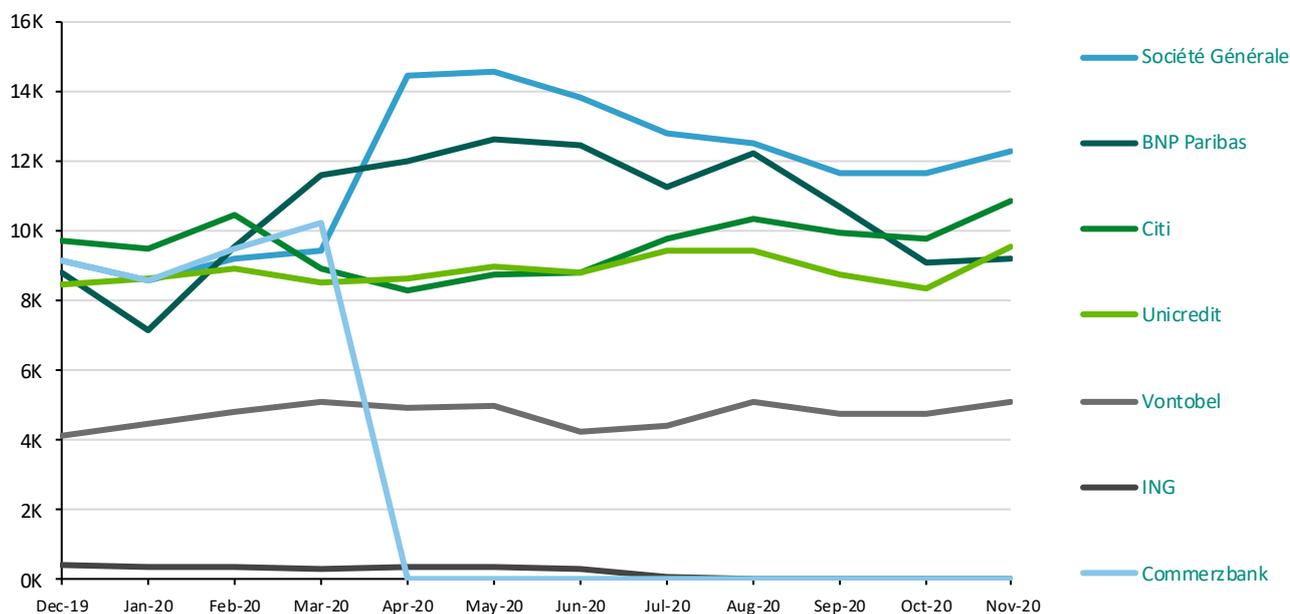
(Source Euronext)



ISSUERS

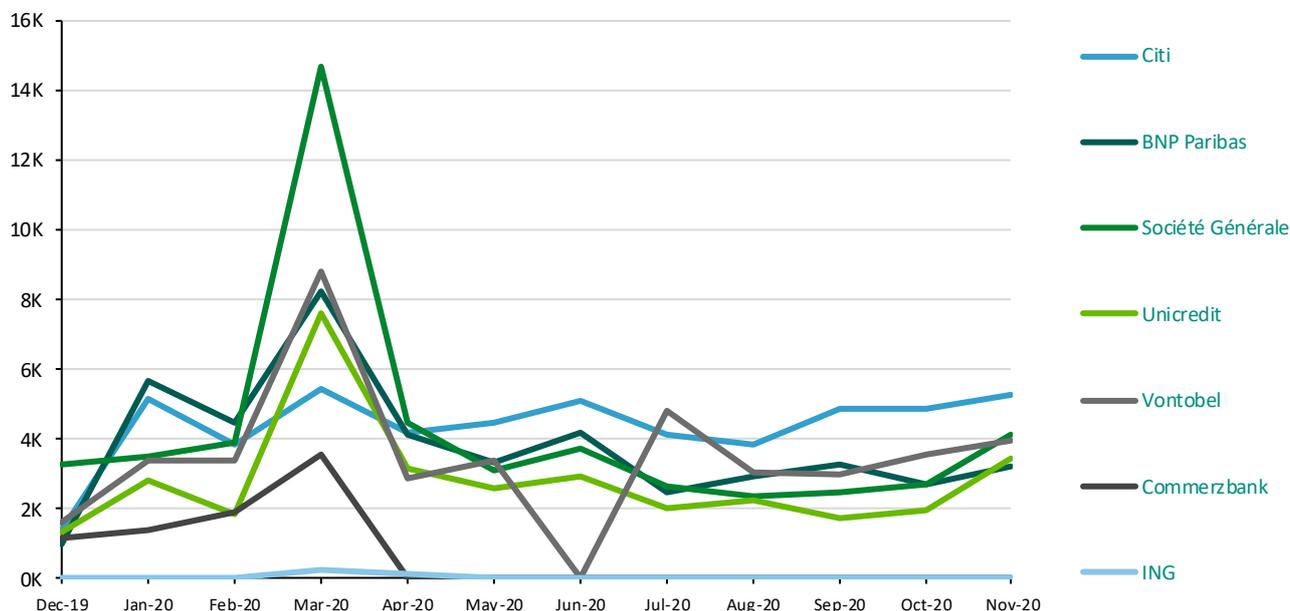
Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each issuer on Euroclear 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 (EUSIPA¹ CATEGORIZATION LEVEL 2)

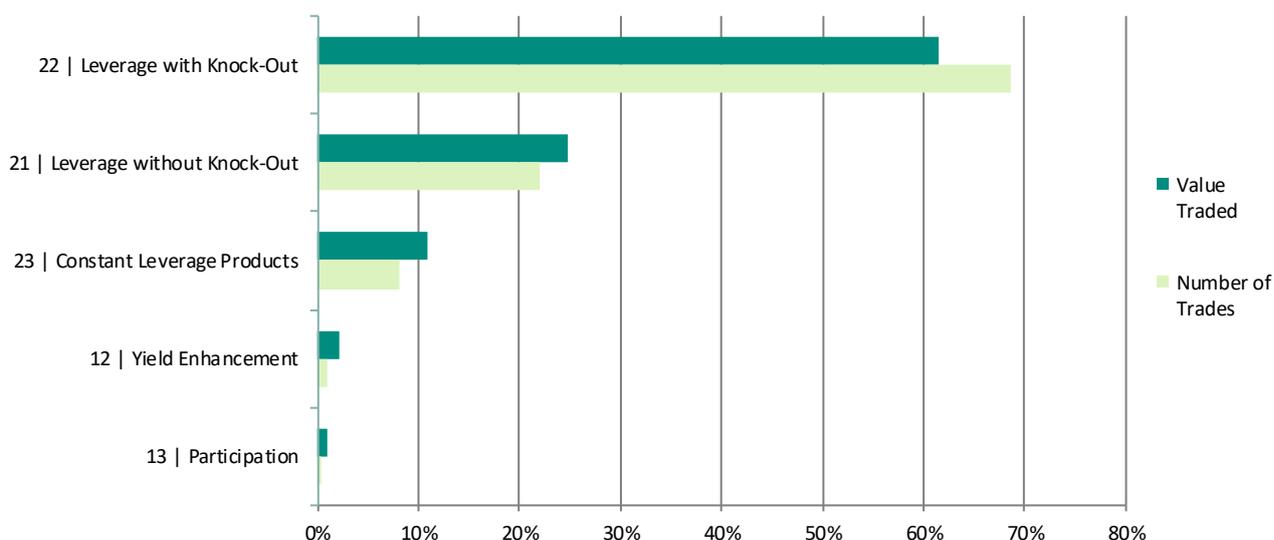
Market Overview

The table below displays the daily averages of value traded and number of trades per product type (EUSIPA¹ 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	14,231	15.8%	9.5%	61.4%	5,740	8.8%	9.9%	68.7%
21 Leverage without Knock-Out	5,743	30%	4.7%	24.8%	1,837	29.7%	9.0%	22.0%
23 Constant Leverage Products	2,506	10.7%	-2.7%	10.8%	673	22.2%	-11.6%	8.1%
12 Yield Enhancement	473	36%	44%	2.0%	82	74.8%	53.8%	1.0%
13 Participation	213	-67%	-63%	0.9%	23	41.6%	-69.2%	0.3%
Total	23,166	16.1%	5.5%	100%	8,357	14.4%	7.2%	100%

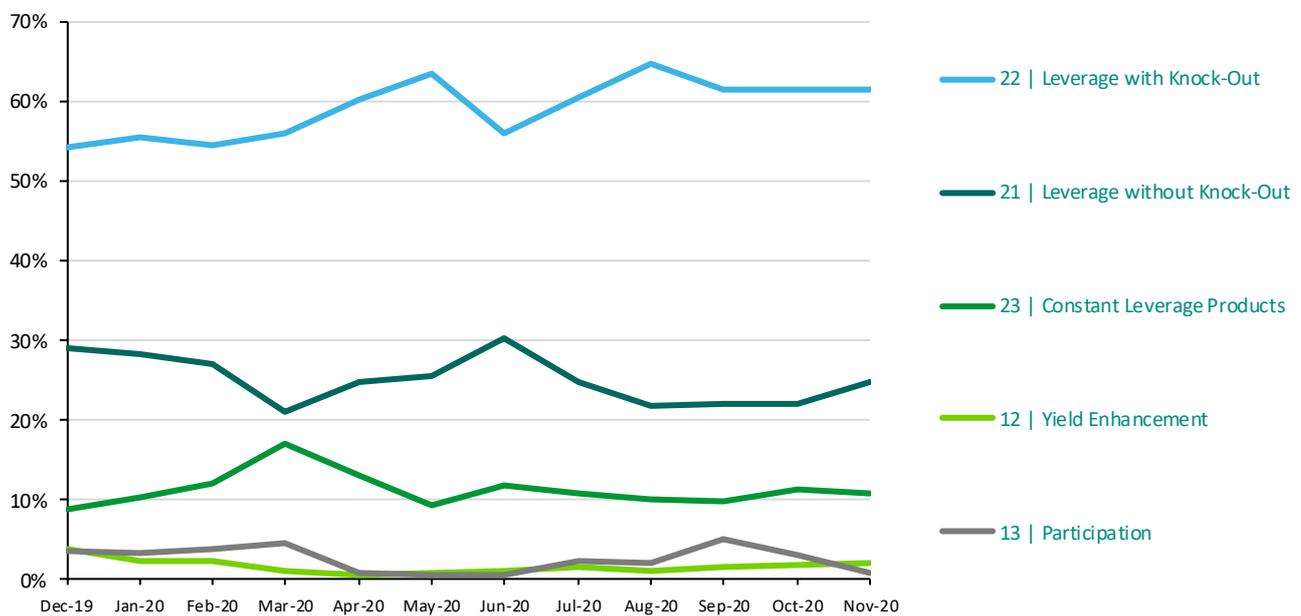
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

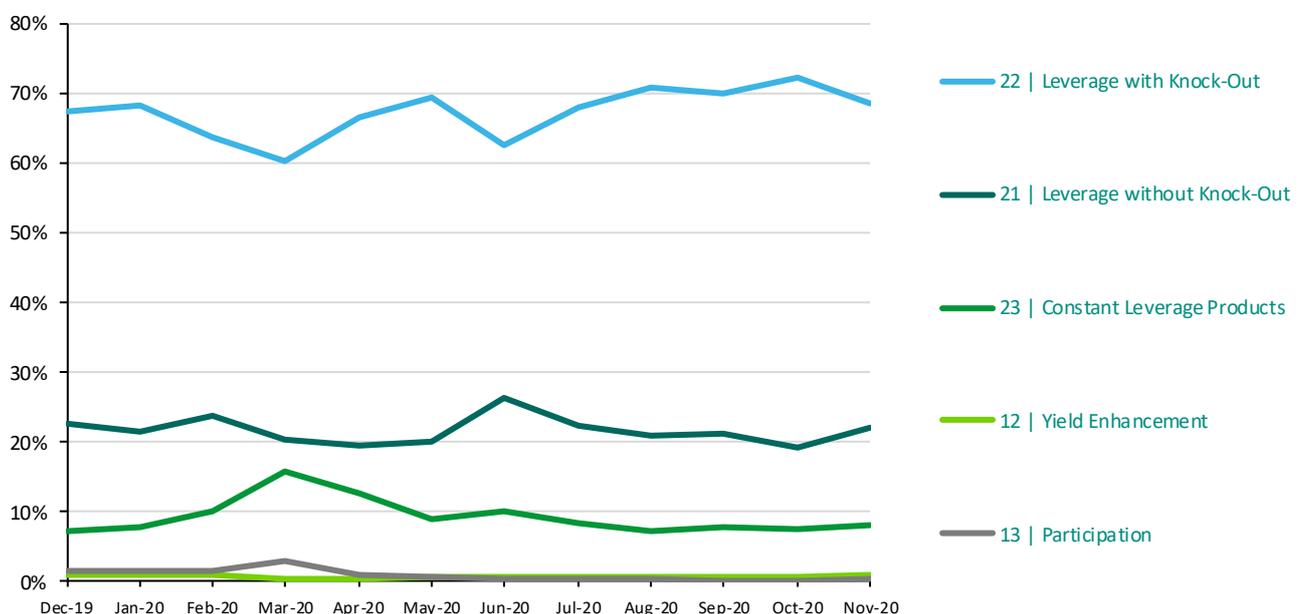
Market Trend: Value traded

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 (EUSIPA¹ CATEGORIZATION LEVEL 2)

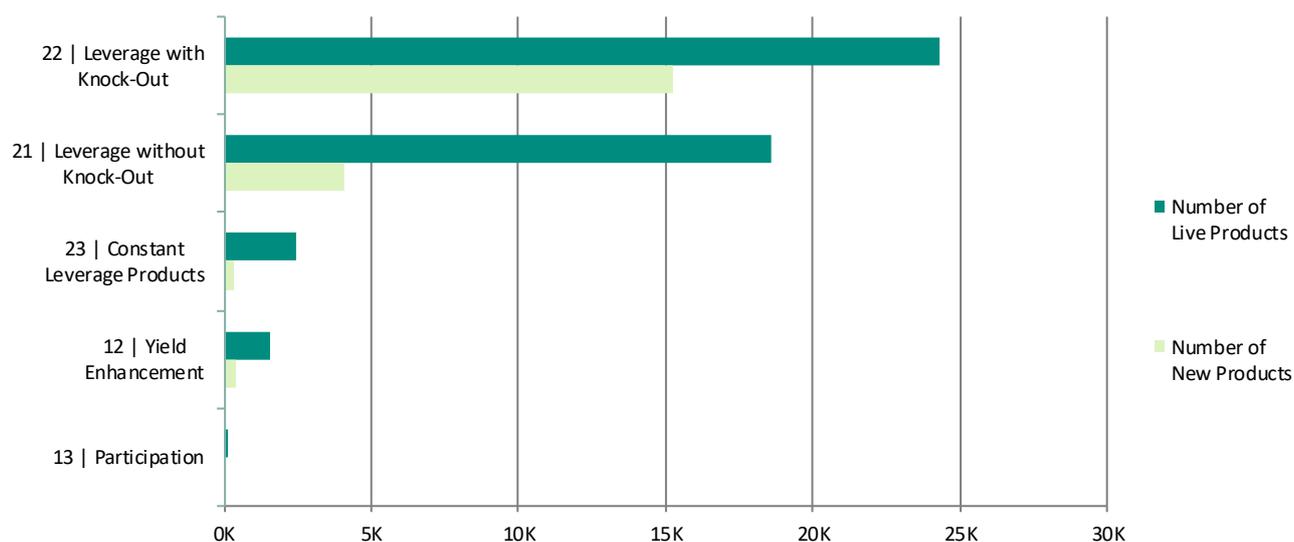
Product Overview

The table below displays the daily averages of value traded and number of trades per product type (EUSIPA¹ 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	24,340	2.2%	-3.3%	51.7%	15,252	32%	3.7%	76.0%
21 Leverage without Knock-Out	18,603	15.9%	-7.4%	39.5%	4,059	11.9%	-2.6%	20.2%
23 Constant Leverage Products	2,466	6.8%	15.7%	5.2%	348	45%	15.1%	1.7%
12 Yield Enhancement	1,520	7.5%	16.3%	3.2%	403	17.2%	48%	2.0%
13 Participation	130	-2.1%	-1.0%	0.3%	1	-93%	-93%	0.0%
Total	47,058	7.6%	-3.7%	100%	20,063	26.9%	3.1%	100%

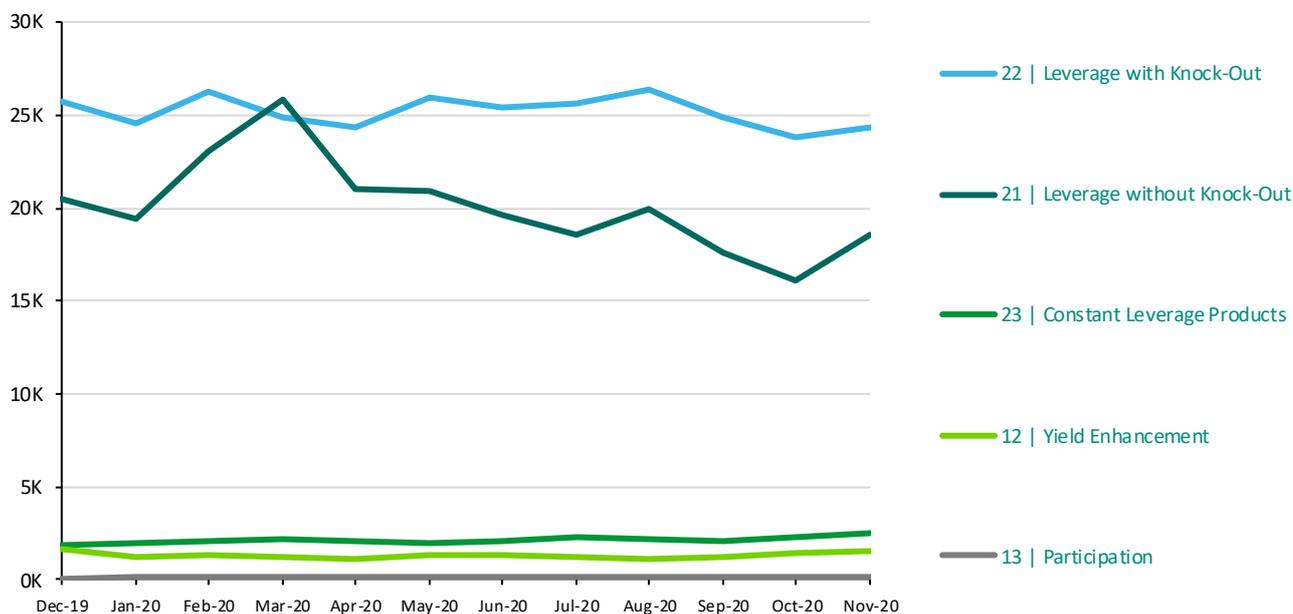
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

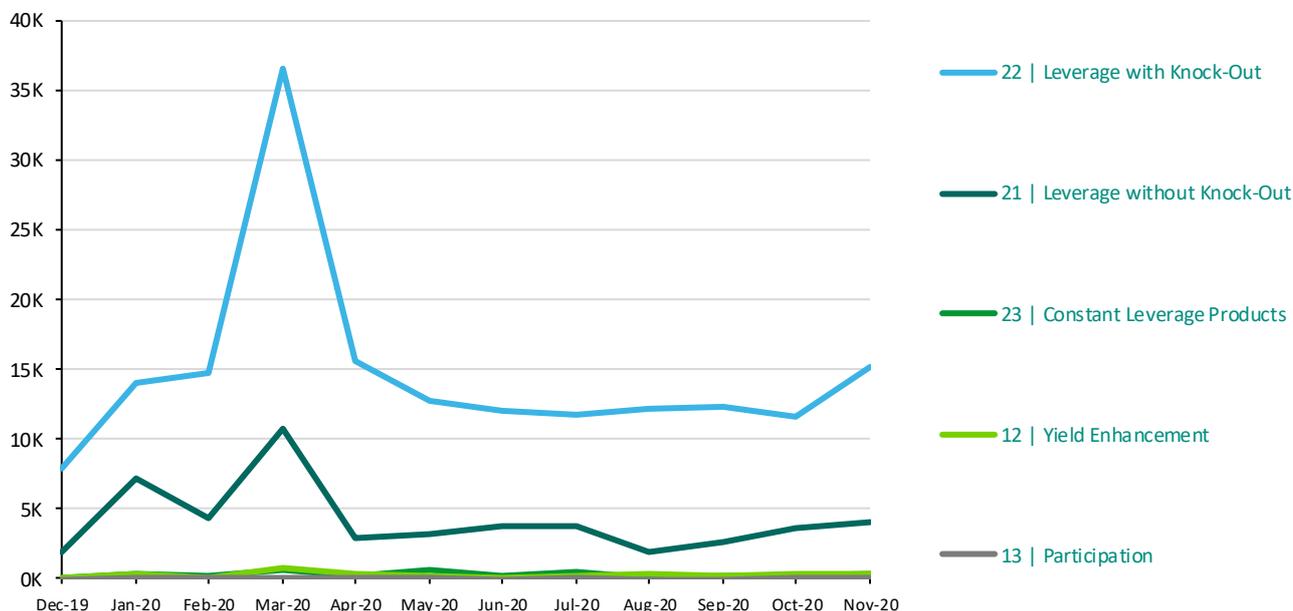
Product Trend: Number of Live Products

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 (EUSIPA¹ CATEGORIZATION LEVEL 3)

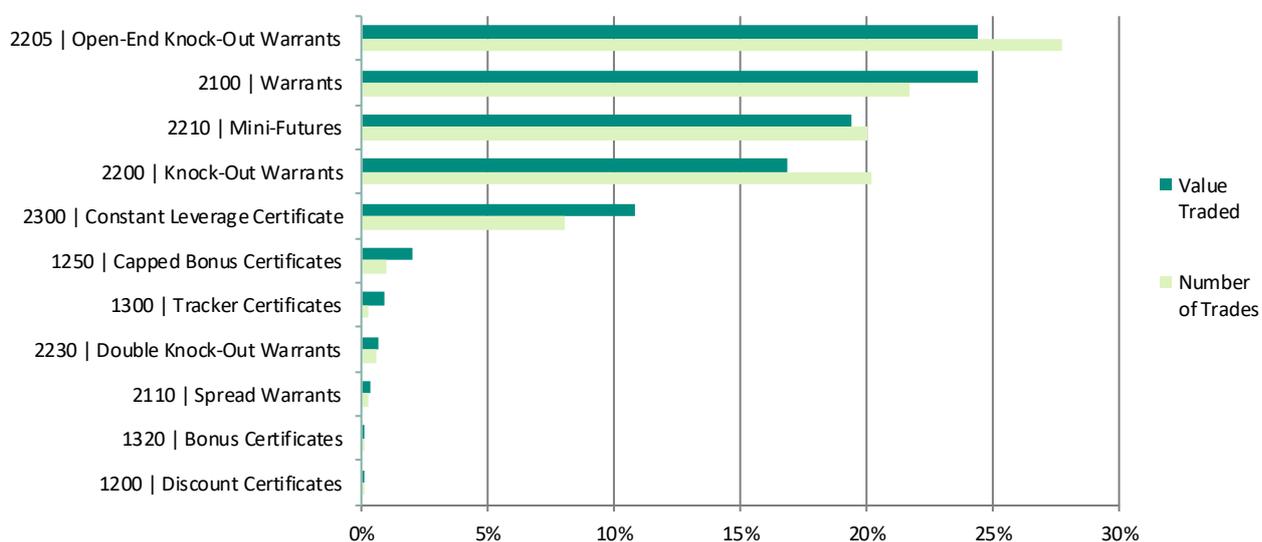
Market Overview

The table below displays the daily averages of value traded and number of trades per product type (EUSIPA¹ 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	5,659	23%	9.1%	24.4%	2,318	8.6%	9.4%	27.7%
2100 Warrants	5,656	31%	5.3%	24.4%	1,816	31%	9.3%	21.7%
2210 Mini-Futures	4,494	56%	30%	19.4%	1,678	29%	19.0%	20.1%
2200 Knock-Out Warrants	3,919	-15.8%	-7.9%	16.9%	1,692	-5.4%	2.2%	20.3%
2300 Constant Leverage Certificate	2,506	10.7%	-2.7%	10.8%	673	22%	-11.6%	8.1%
1250 Capped Bonus Certificates	472	36%	44%	2.0%	82	74%	53%	1.0%
1300 Tracker Certificates	209	-67%	-63%	0.9%	23	38%	-70%	0.3%
2230 Double Knock-Out Warrants	159	16.4%	54%	0.7%	52	-6.0%	36%	0.6%
2110 Spread Warrants	87	-11.9%	-22%	0.4%	21	-37%	-10.7%	0.3%
1320 Bonus Certificates	3	444%	50%	0.0%	0.8	459%	107%	0.0%
1200 Discount Certificates	1	NA	64%	0.0%	0.7	NA	162%	0.0%
Total	23,166	16.1%	5.5%	100%	8,357	14.4%	7.2%	100%

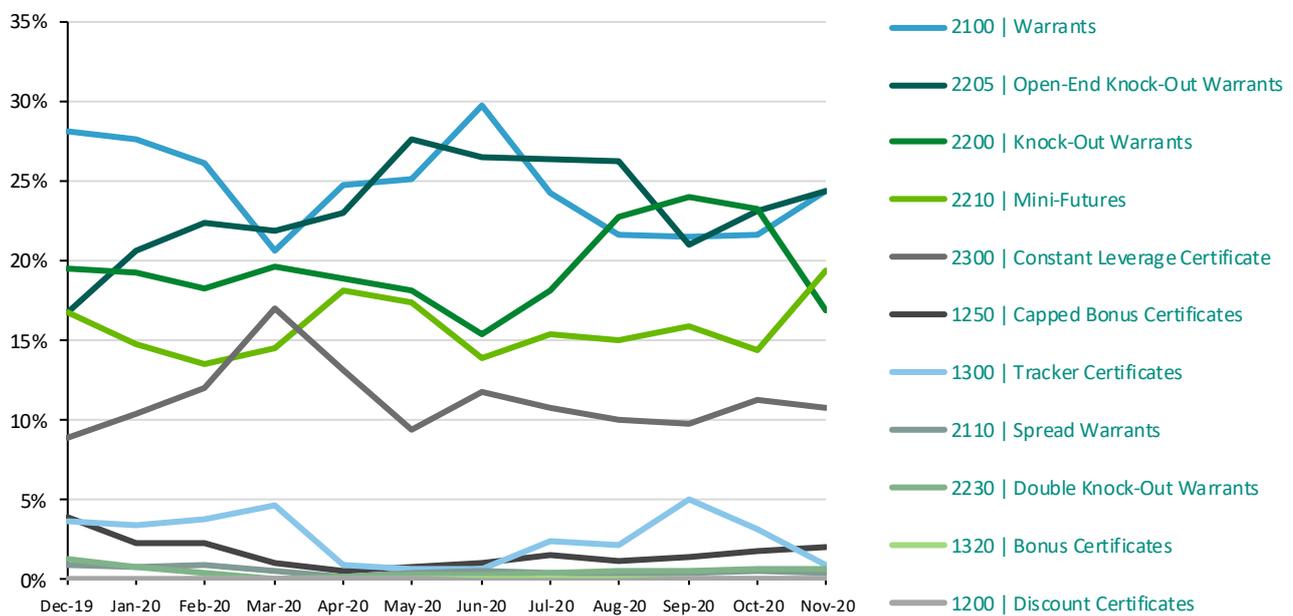
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

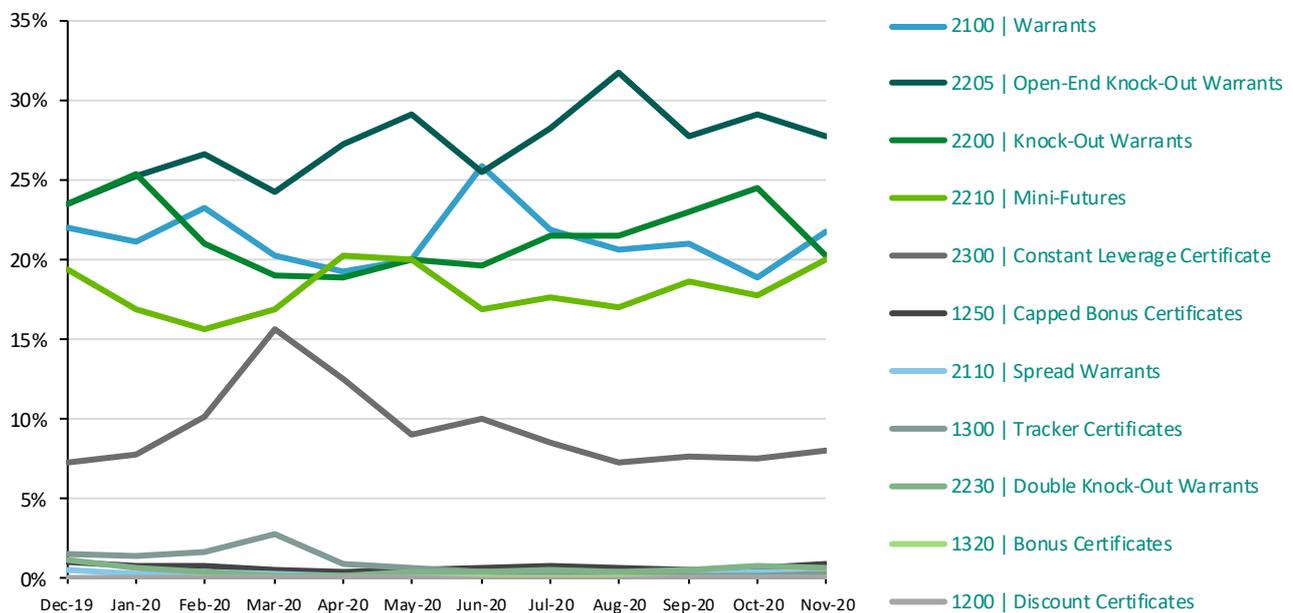
Market Trend: Value traded

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 (EUSIPA¹ CATEGORIZATION LEVEL 3)

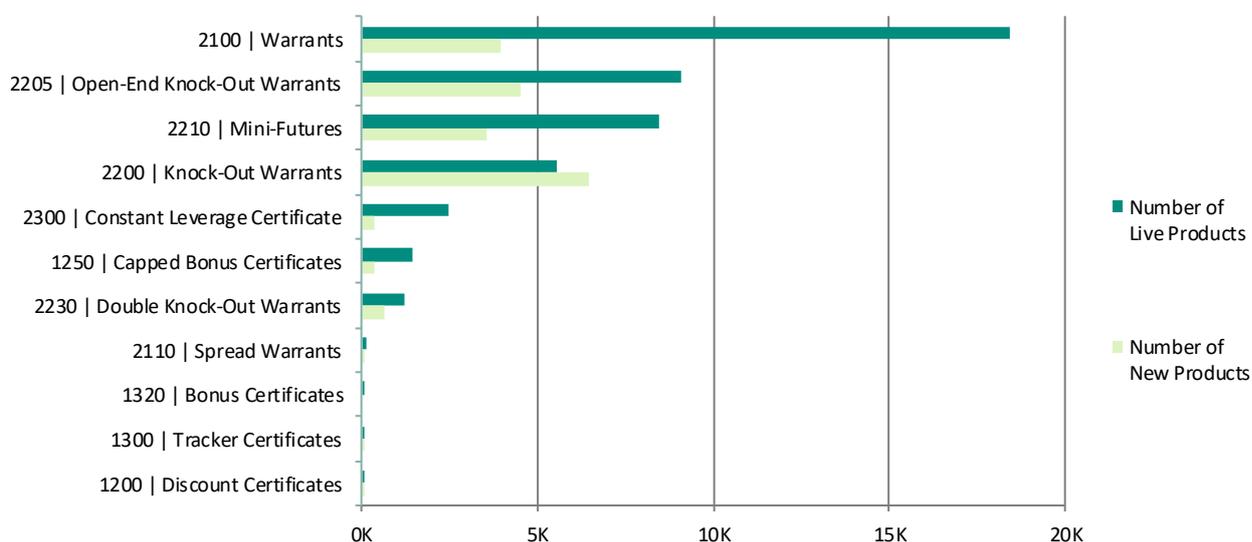
Product Overview

The table below displays the daily averages of value traded and number of trades per product type (EUSIPA¹ 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	18,460	16.0%	-7.4%	39.2%	3,966	10.5%	-3.7%	19.8%
2205 Open-End Knock-Out Warrants	9,088	-1.9%	1.7%	19.3%	4,548	31%	2.2%	22.7%
2210 Mini-Futures	8,476	-4.1%	-5.5%	18.0%	3,580	35%	-5.4%	17.8%
2200 Knock-Out Warrants	5,536	15.7%	-16.0%	11.8%	6,470	30%	5.3%	32.2%
2300 Constant Leverage Certificate	2,466	6.8%	15.7%	5.2%	348	45%	15.1%	1.7%
1250 Capped Bonus Certificates	1,468	7.2%	18.5%	3.1%	381	16.9%	49%	1.9%
2230 Double Knock-Out Warrants	1,240	34%	83%	2.6%	654	37%	101%	3.3%
2110 Spread Warrants	143	5.4%	-10.3%	0.3%	93	158%	89%	0.5%
1320 Bonus Certificates	78	-3.1%	17.8%	0.2%	0	-100%	-100%	0.0%
1300 Tracker Certificates	52	-0.7%	-20%	0.1%	1		200%	0.0%
1200 Discount Certificates	51	16.0%	-25%	0.1%	22	22%	31%	0.1%
Total	47,058	7.6%	-3.7%	100%	20,063	26.9%	3.1%	100%

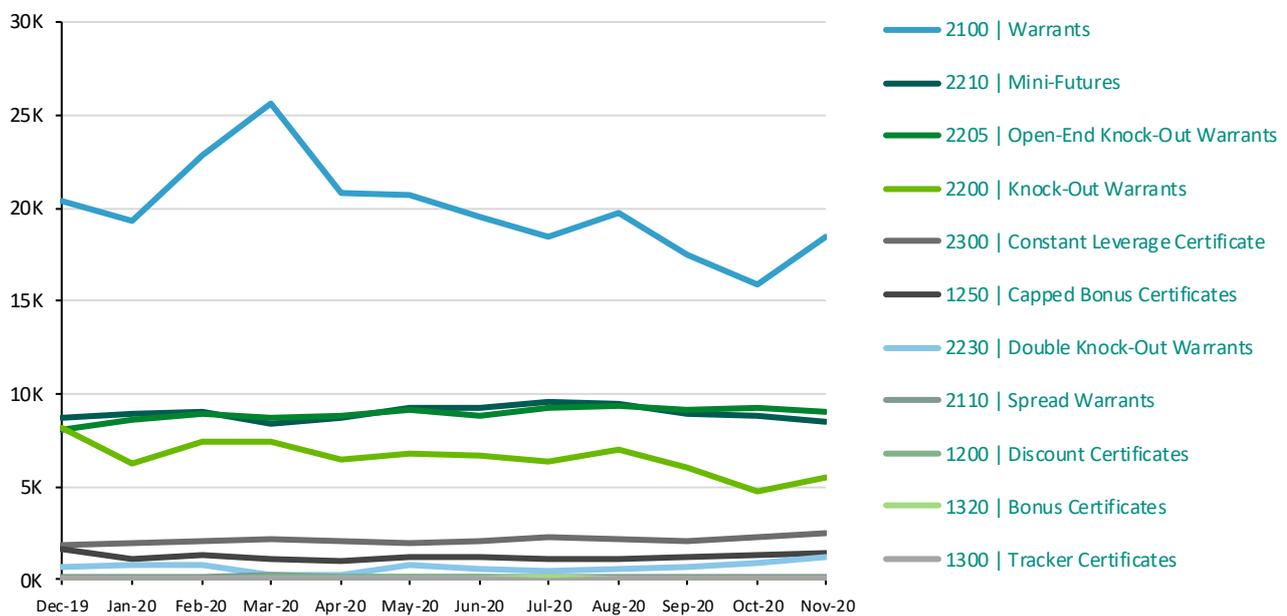
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

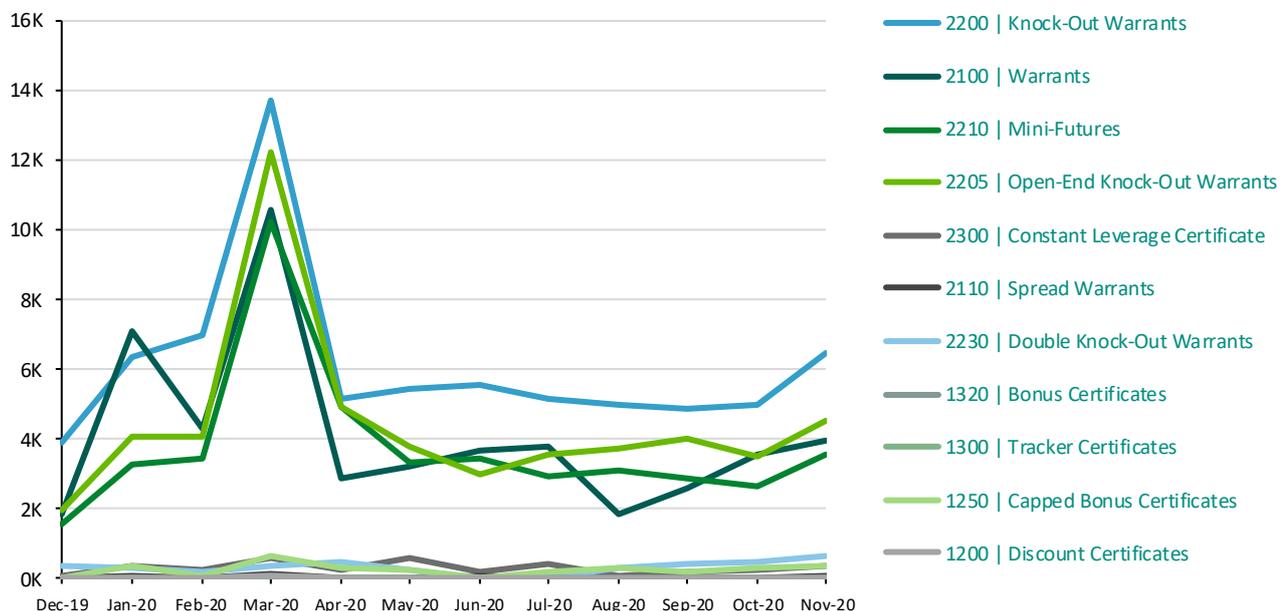
Product Trend: Number of Live Products

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

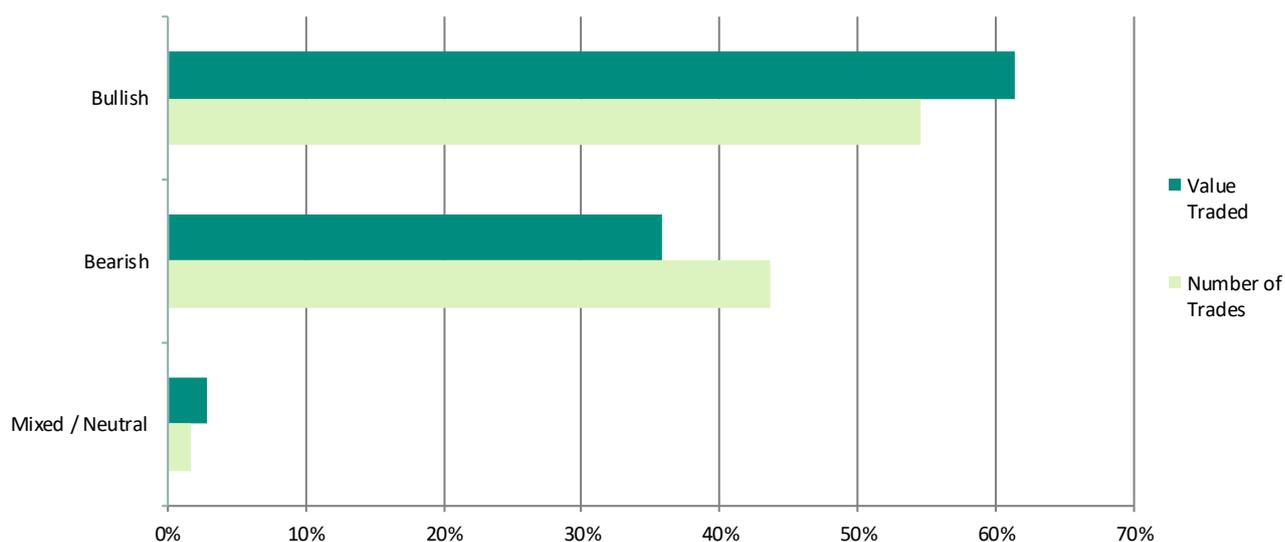
Market Overview

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	14,225	19.7%	6.2%	61.4%	4,562	5.1%	-1.9%	54.6%
Bearish	8,290	9.3%	3.1%	35.8%	3,655	28%	20%	43.7%
Mixed / Neutral	651	32%	25%	2.8%	140	31%	28%	1.7%
Total	23,166	16.1%	5.5%	100%	8,357	14.4%	7.2%	100%

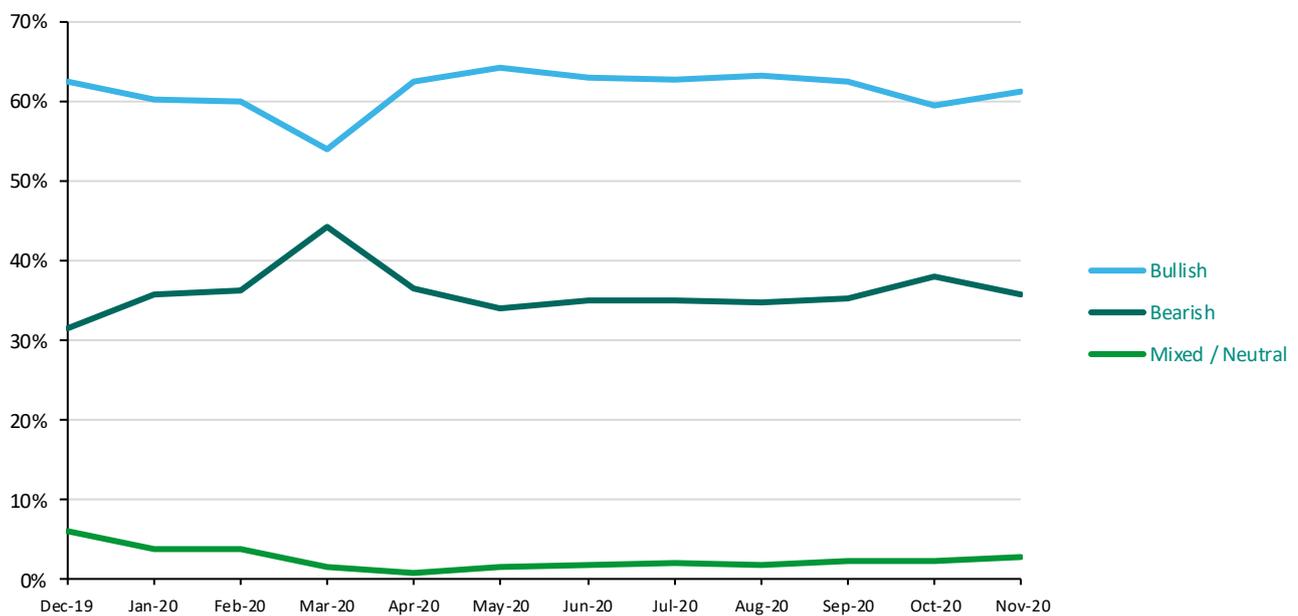
(Source Euronext)



PRODUCT STRATEGIES

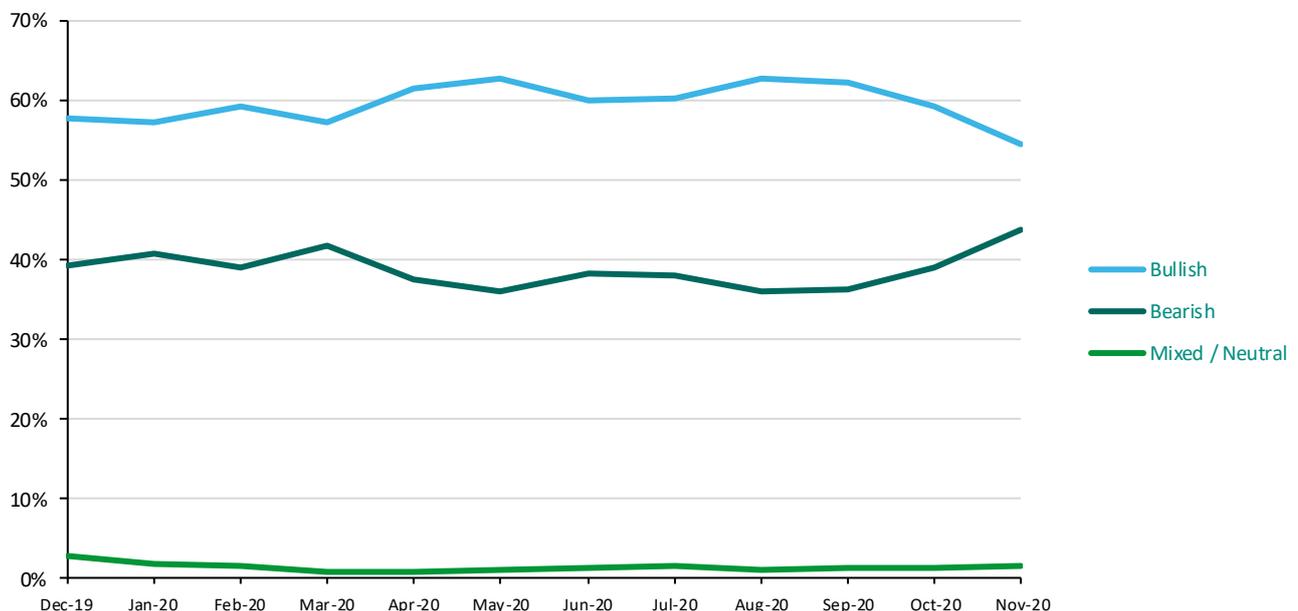
Market Trend: Value traded

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

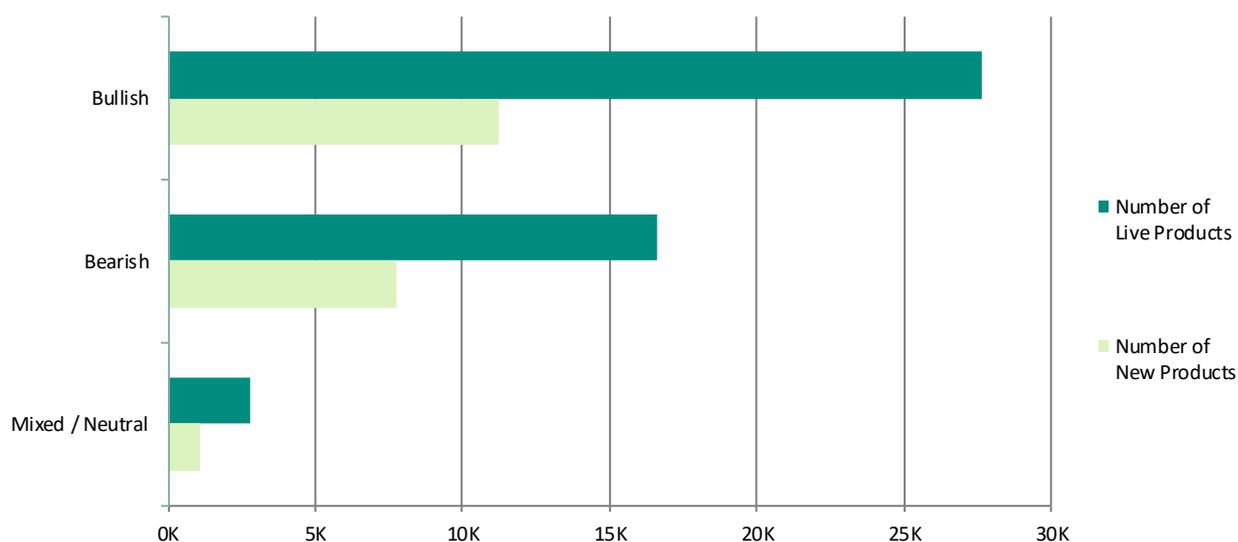
Product Overview

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	27,624	12.5%	-0.8%	58.7%	11,250	46%	8.0%	56.1%
Bearish	16,630	-0.9%	-12.0%	35.3%	7,756	6.9%	-7.9%	38.7%
Mixed / Neutral	2,804	17.5%	33%	6.0%	1,057	28%	70%	5.3%
Total	47,058	7.6%	-3.7%	100%	20,063	26.9%	3.1%	100%

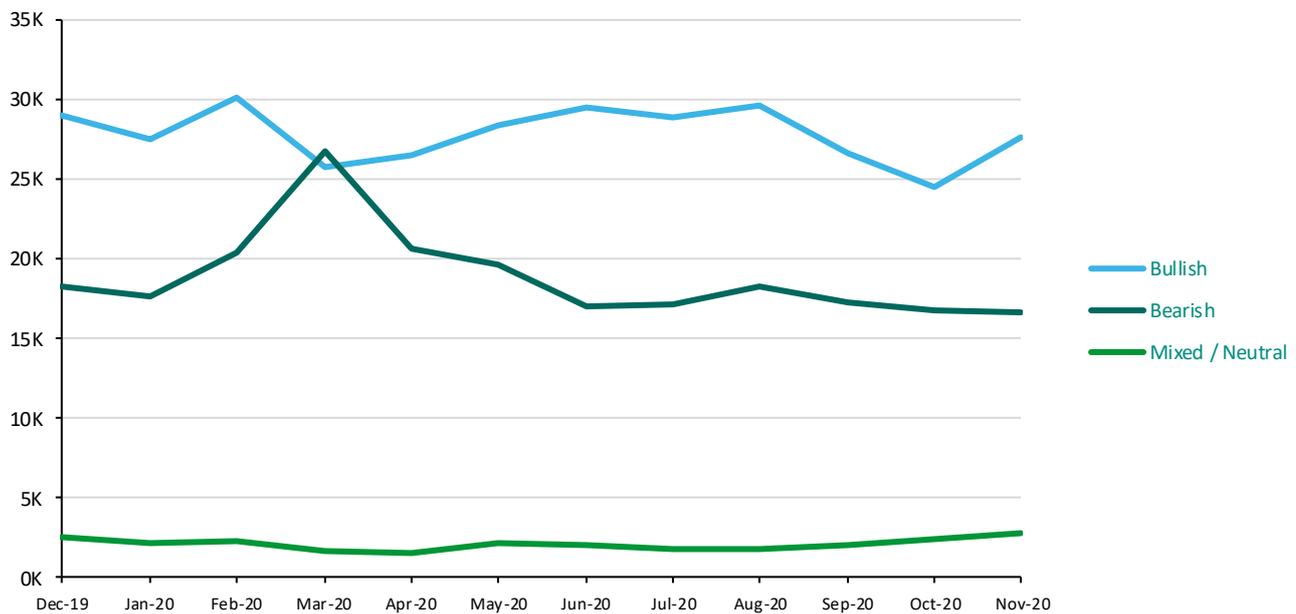
(Source Euronext)



PRODUCT STRATEGIES

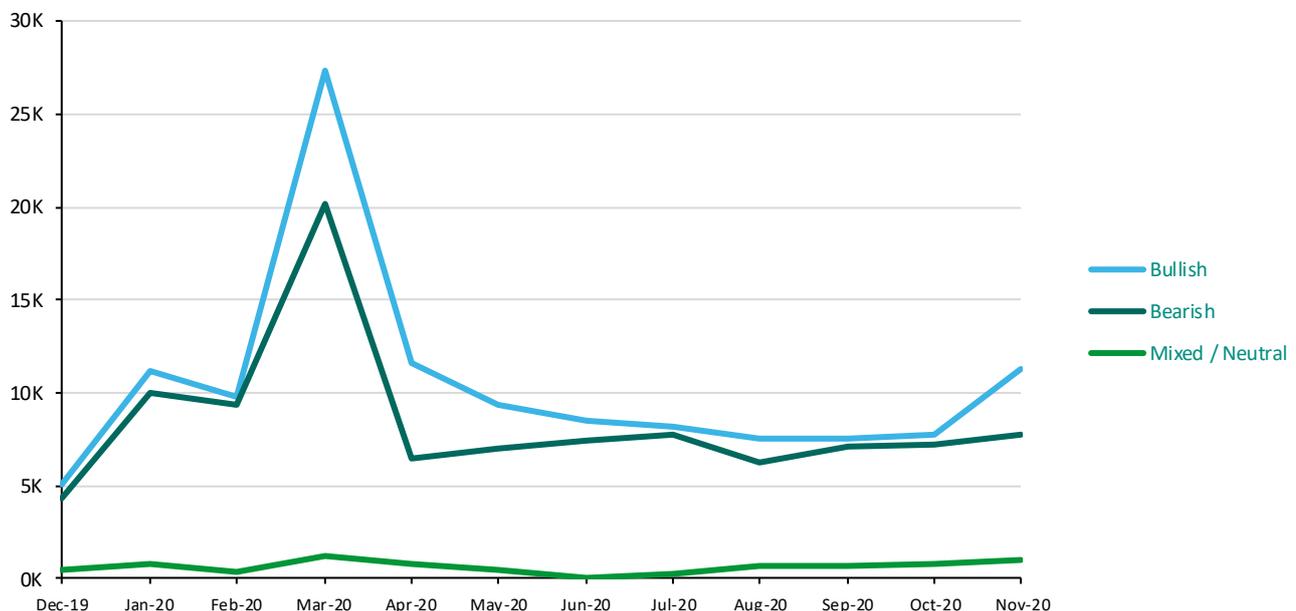
Product Trend: Number of Live Products

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

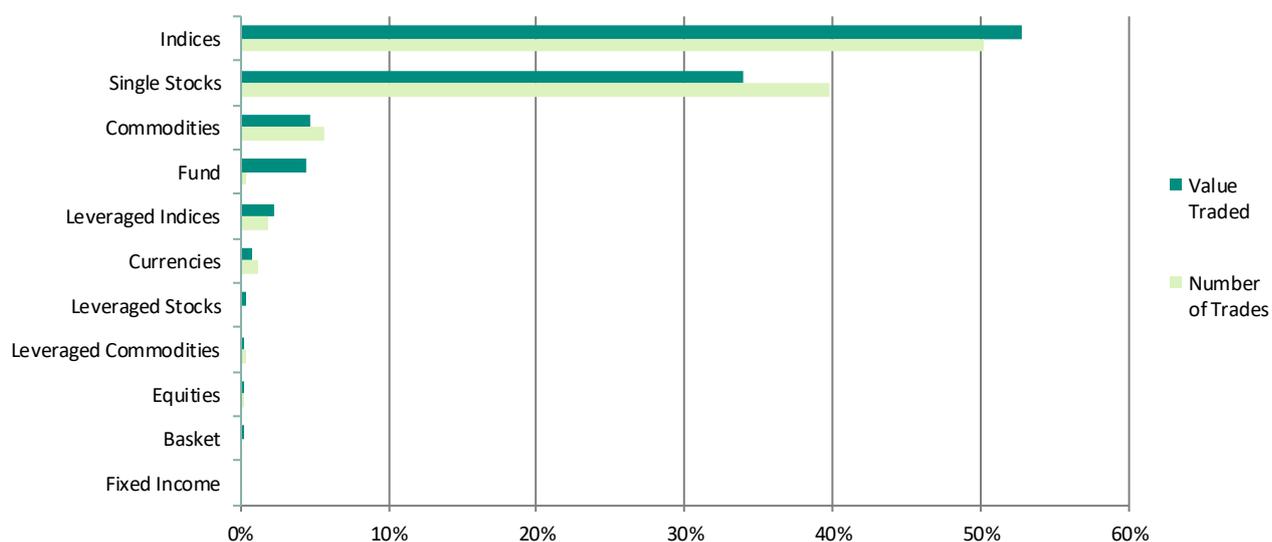
Market Overview

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	12,235	2.3%	7.5%	52.8%	4,201	3.1%	7.7%	50.3%
Single Stocks	7,882	47%	17.4%	34.0%	3,329	27.6%	14.6%	39.8%
Commodities	1,088	-20%	-30%	4.7%	472	25.1%	-14.9%	5.7%
Fund	1,019	134%	-1.7%	4.4%	28	685.1%	85.2%	0.3%
Leveraged Indices	530	-12.0%	-42%	2.3%	155	35.4%	-41.5%	1.9%
Currencies	182	57%	4.8%	0.8%	104	30.9%	14.5%	1.2%
Leveraged Stocks	88	264%	279%	0.4%	13	26.3%	-0.6%	0.2%
Leveraged Commodities	53	9.6%	-41%	0.2%	30	16.0%	-33.5%	0.4%
Equities	45	420%	773%	0.2%	21	193.7%	623.0%	0.3%
Basket	43	146%	-26%	0.2%	1.2	4.8%	-18.0%	0.0%
Fixed Income	1	-35%	-83%	0.0%	1.3	-33.3%	-55.9%	0.0%
Total	23,166	16.1%	5.5%	100%	8,357	14.4%	7.2%	100%

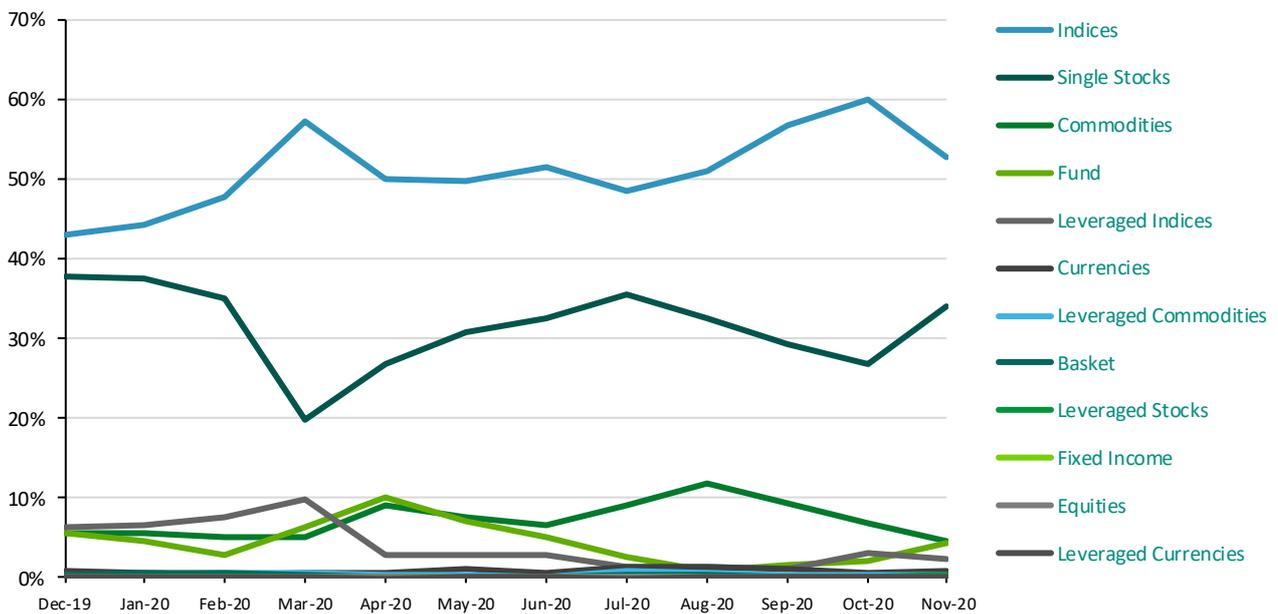
(Source Euronext)



UNDERLYING TYPES

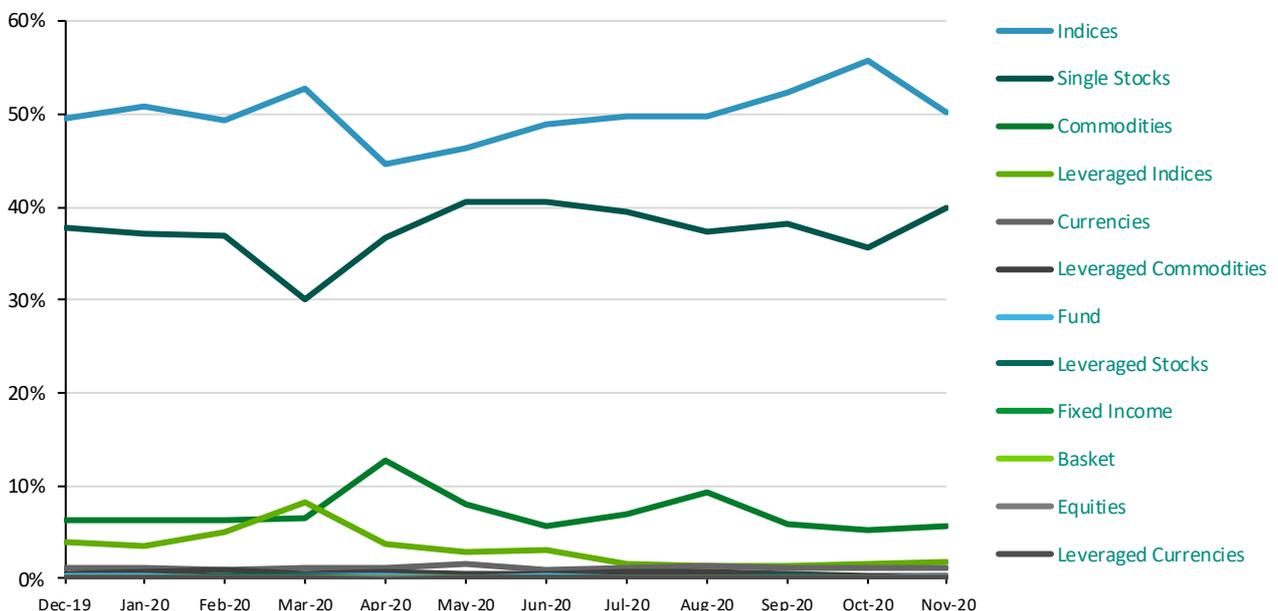
Market Trend: Value traded

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

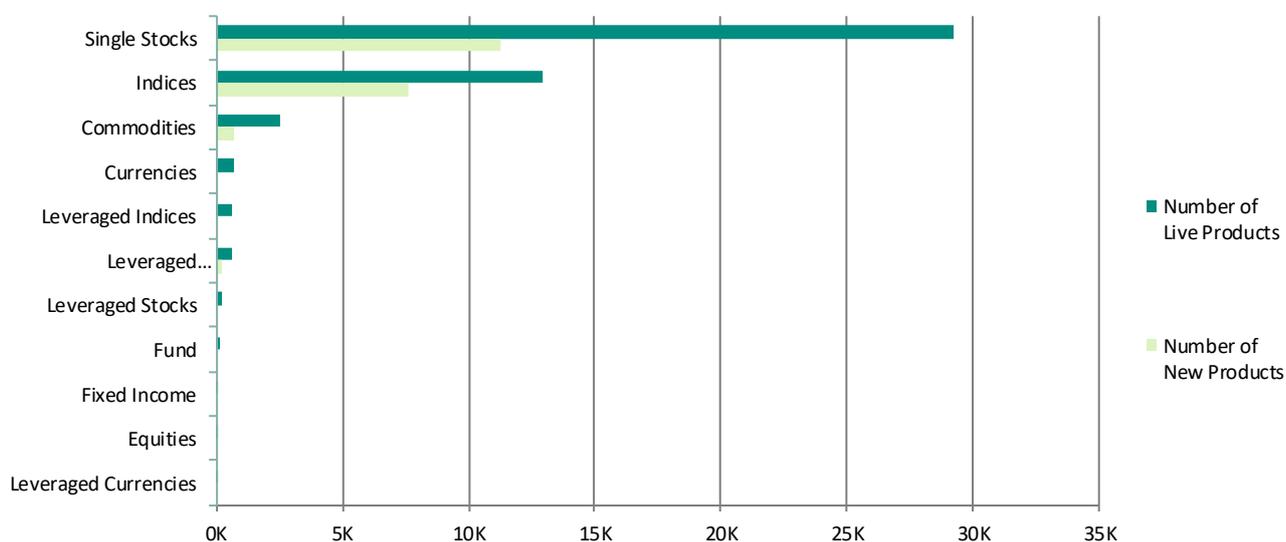
Product Overview

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	29,262	10.6%	-3.7%	62.2%	11,287	36%	12.7%	56.3%
Indices	12,960	3.9%	-6.5%	27.5%	7,646	13.0%	-5.9%	38.1%
Commodities	2,522	-4.4%	6.2%	5.4%	734	52%	-22%	3.7%
Currencies	716	2.7%	-9.9%	1.5%	77	-19.8%	-47%	0.4%
Leveraged Indices	587	1.6%	2.3%	1.2%	51	264%	-36%	0.3%
Leveraged Commodities	586	30%	29%	1.2%	225	147%	108%	1.1%
Leveraged Stocks	191	0.2%	-5.4%	0.4%	18	-68%	-26%	0.1%
Fund	107	0.3%	7.3%	0.2%	2	100%	26%	0.0%
Fixed Income	64	-3.0%	-13.5%	0.1%	0	-100%	-100%	0.0%
Equities	40	-3.3%	189%	0.1%	23	15.0%	79%	0.1%
Leveraged Currencies	17	0.0%	73%	0.0%	0		-100%	0.0%
Total	47,058	7.6%	-3.7%	100%	20,063	27%	3.1%	100%

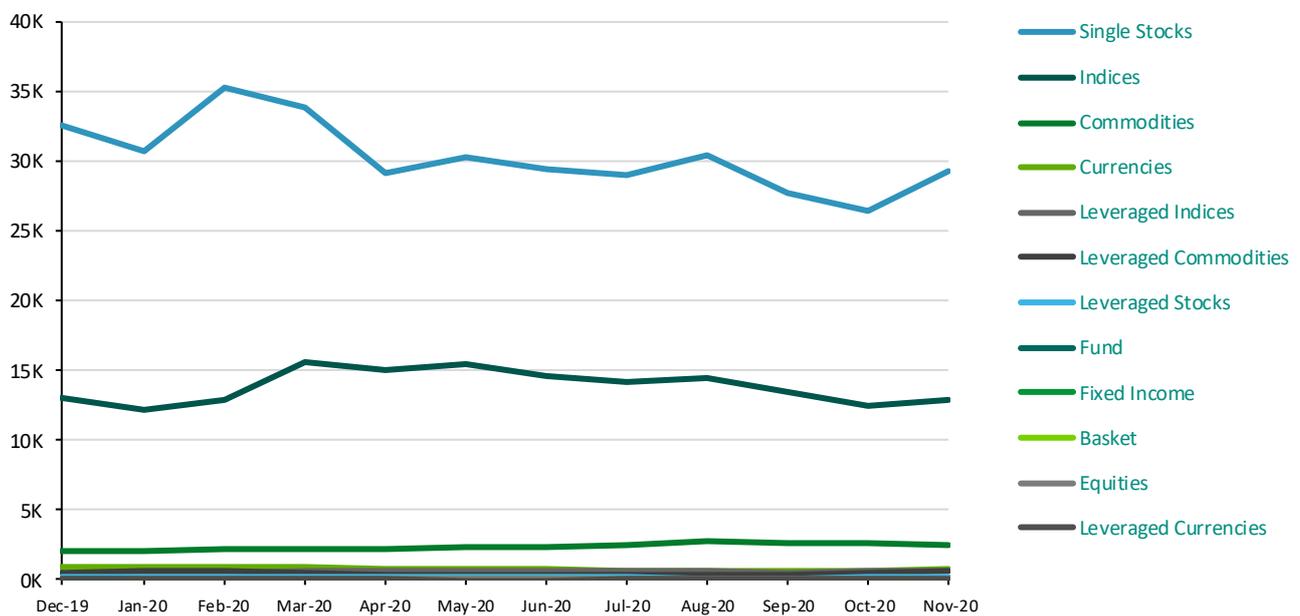
(Source Euronext)



UNDERLYING TYPES

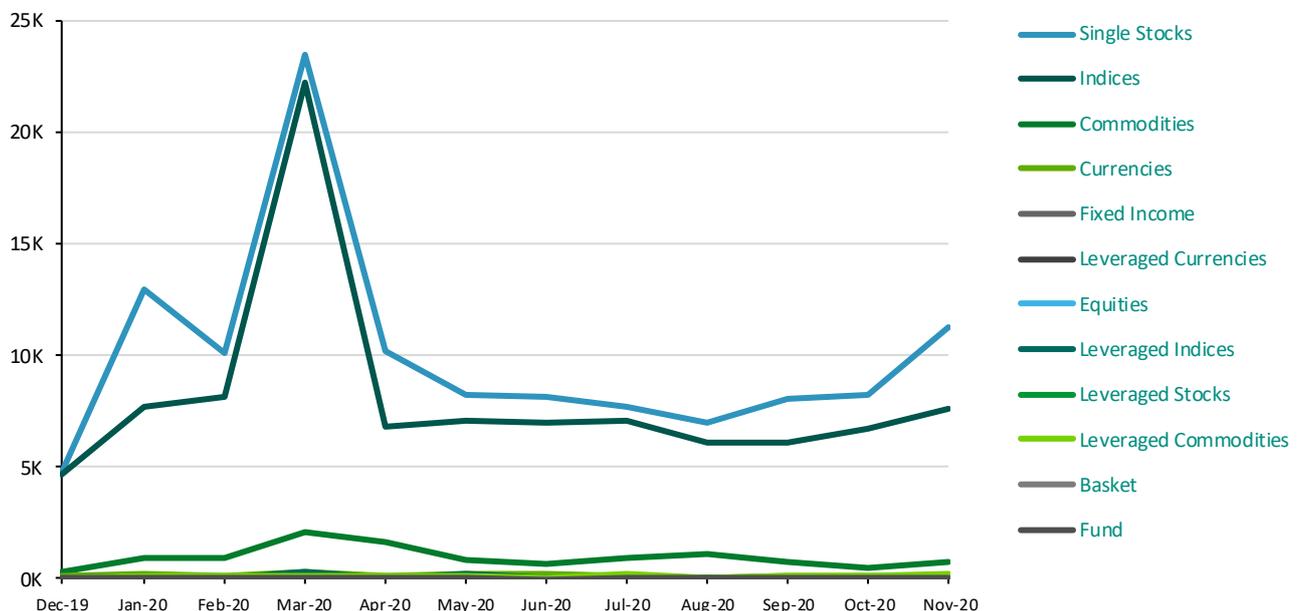
Product Trend: Number of Live Products

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

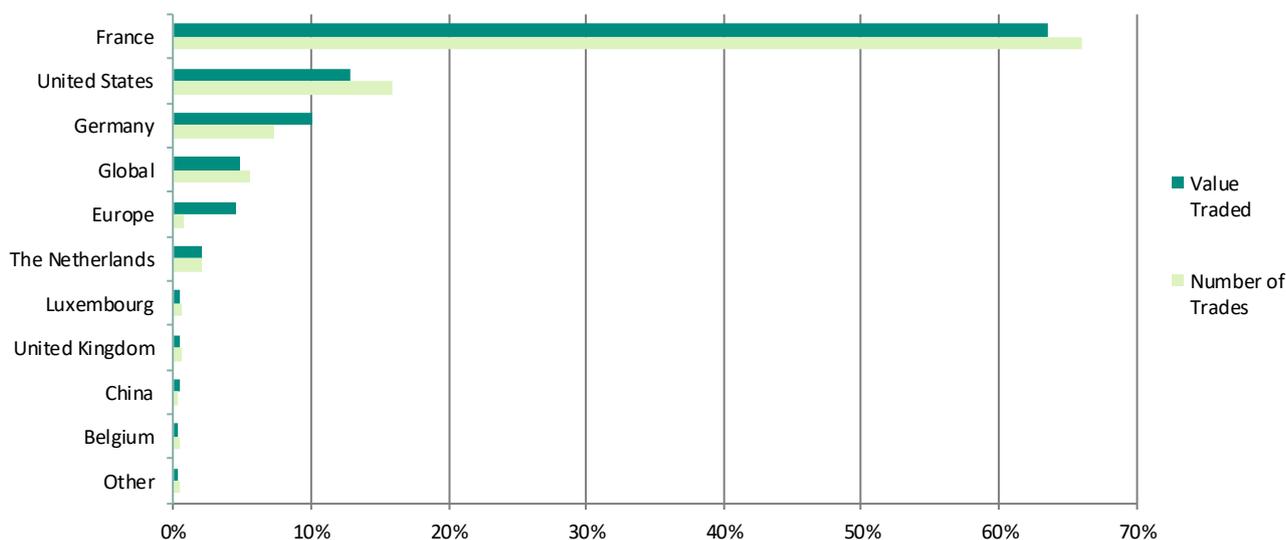
Market Overview

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	14,711	13.8%	13.5%	63.5%	5,525	13.2%	10.1%	66.1%
United States	2,989	15.2%	-17.1%	12.9%	1,333	19.8%	9.7%	16.0%
Germany	2,322	20%	18.8%	10.0%	607	-4.7%	-3.8%	7.3%
Global	1,124	-21%	-31%	4.9%	467	21%	-17.8%	5.6%
Europe	1,064	124%	-6.7%	4.6%	58	112%	-3.9%	0.7%
The Netherlands	472	64%	98%	2.0%	172	10.0%	19.0%	2.1%
Luxembourg	119	138%	13.8%	0.5%	46	64%	-4.5%	0.6%
United Kingdom	109	1.0%	22%	0.5%	47	196%	104%	0.6%
China	103	91%	134%	0.4%	27	518%	254%	0.3%
Belgium	85	28%	-23%	0.4%	33	5.8%	-28%	0.4%
Other	70	37%	-7.8%	0.3%	43	58%	8.4%	0.5%
Total	23,166	16.1%	5.5%	100%	8,357	14.4%	7.2%	100%

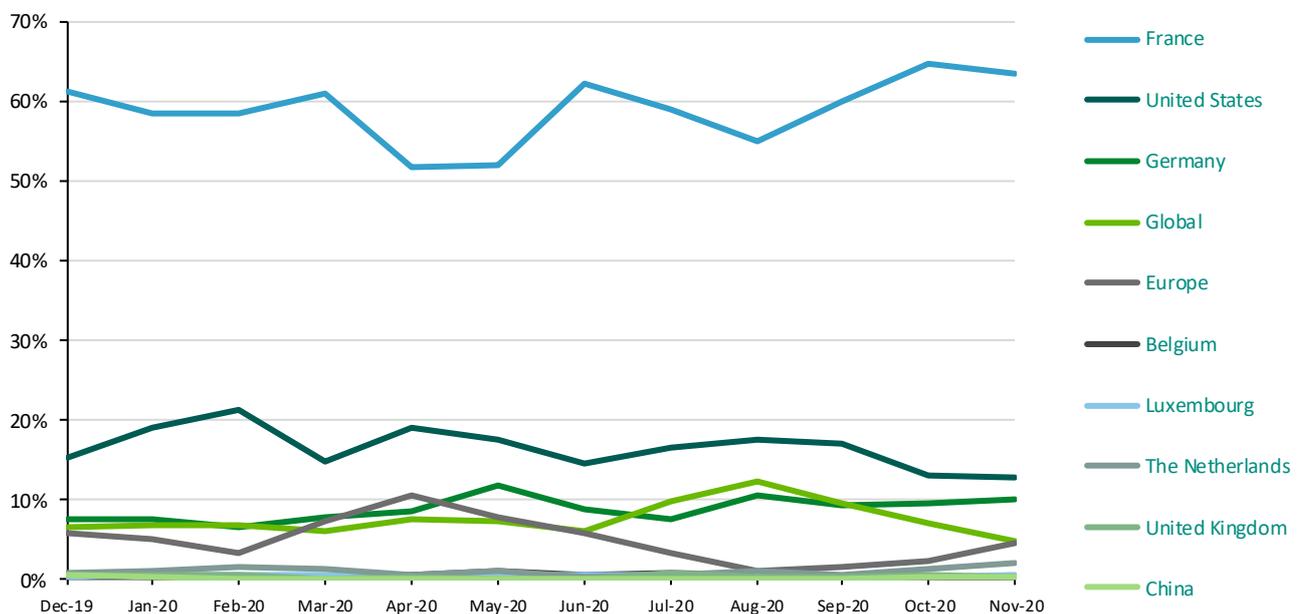
(Source Euronext)



TOP 10 UNDERLYING COUNTRIES

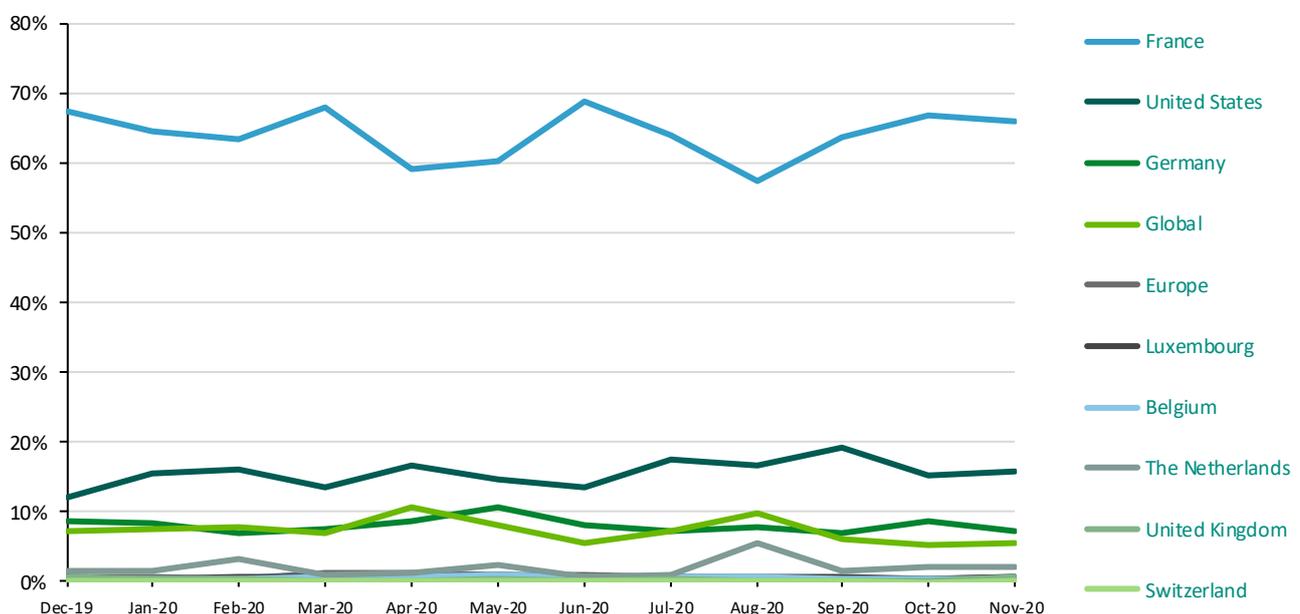
Market Trend: Value traded

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

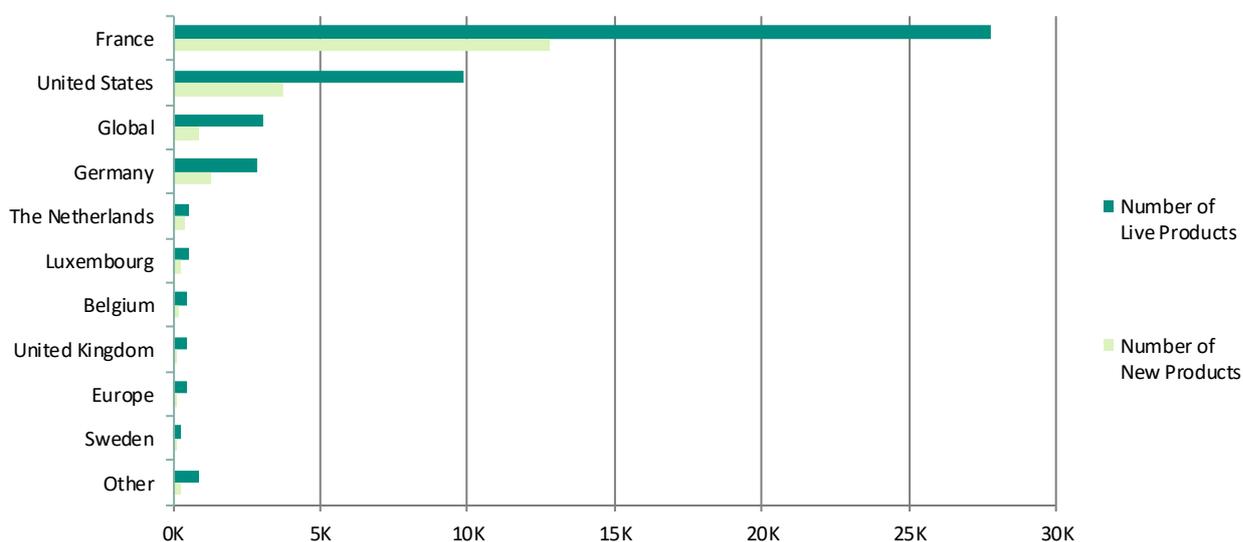
Product Overview

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	27,812	7.7%	-8.0%	59.1%	12,821	39%	7.3%	63.9%
United States	9,834	9.6%	8.5%	20.9%	3,700	0.8%	-4.5%	18.4%
Global	3,019	2.4%	6.0%	6.4%	880	64%	-6.7%	4.4%
Germany	2,849	7.0%	-10.2%	6.1%	1,274	-8.2%	-19.5%	6.3%
The Netherlands	537	9.4%	13.1%	1.1%	390	30%	54%	1.9%
Luxembourg	513	8.3%	-9.4%	1.1%	230	85%	7.0%	1.1%
Belgium	460	3.2%	2.2%	1.0%	173	92%	35%	0.9%
United Kingdom	453	13.6%	18.3%	1.0%	148	10.4%	50%	0.7%
Europe	447	3.9%	-7.4%	0.9%	89	-6.3%	-38%	0.4%
Sweden	247	3.7%	4.9%	0.5%	88	22%	26%	0.4%
Other	888	5.8%	-4.7%	1.9%	270	62%	36%	1.3%
Total	47,058	7.6%	-3.7%	100%	20,063	26.9%	3.1%	100%

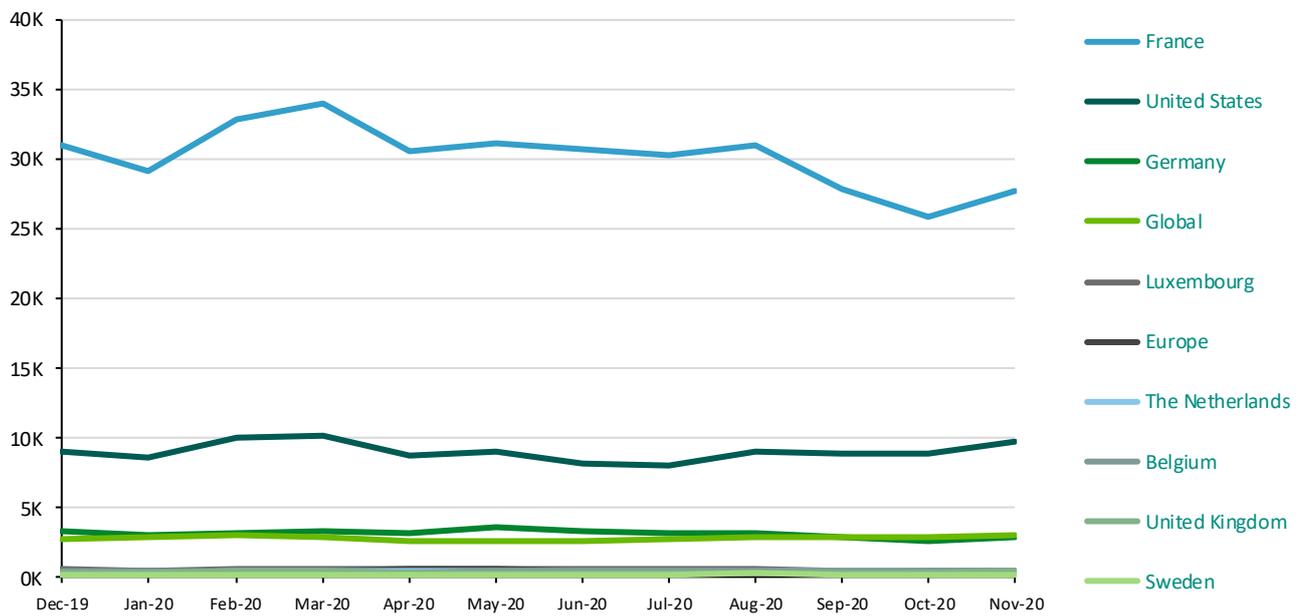
(Source Euronext)



TOP 10 UNDERLYING COUNTRIES

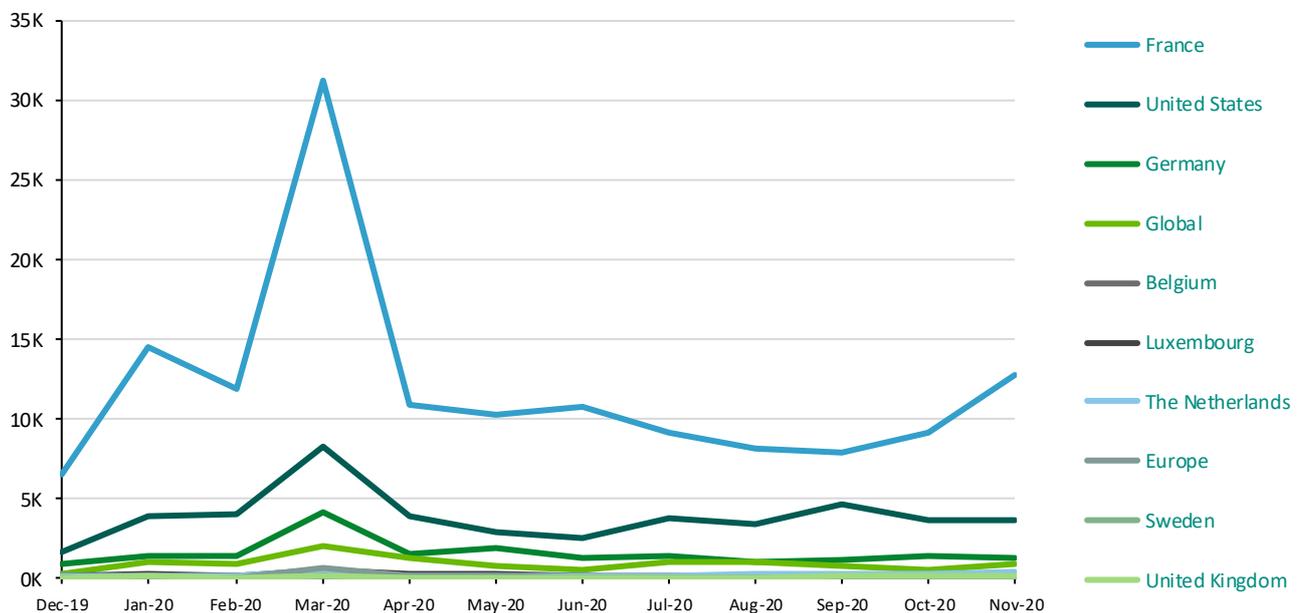
Product Trend: Number of Live Products

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

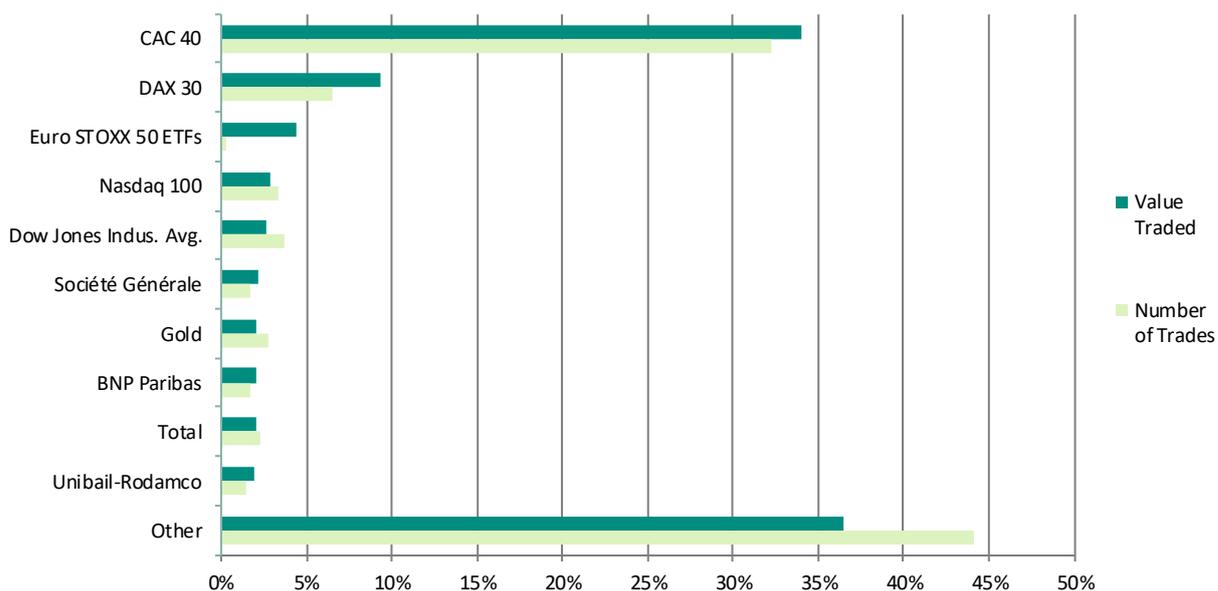
Market Overview

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	7,873	-4.4%	12.2%	34.0%	2,695	3.3%	11.6%	32.3%
DAX 30	2,172	27%	21%	9.4%	540	-6.0%	-6.8%	6.5%
Euro STOXX 50 ETFs	1,019	135%	-1.6%	4.4%	28	715%	87%	0.3%
Nasdaq 100	676	-21%	-15.2%	2.9%	279	-5.1%	4.3%	3.3%
Dow Jones Indus. Avg.	610	5.8%	-33%	2.6%	307	-0.4%	19.8%	3.7%
Société Générale	504	96%	111%	2.2%	139	32%	37%	1.7%
Gold	481	-41%	-28%	2.1%	228	60%	21%	2.7%
BNP Paribas	480	260%	94%	2.1%	143	117%	62%	1.7%
Total	464	66%	50%	2.0%	192	8.7%	34%	2.3%
Unibail-Rodamco	442	133%	88%	1.9%	119	17.8%	25%	1.4%
Other	8,444	31%	-2.9%	36.4%	3,687	26%	1.0%	44.1%
Total	23,166	16.1%	5.5%	100%	8,357	14.4%	7.2%	100%

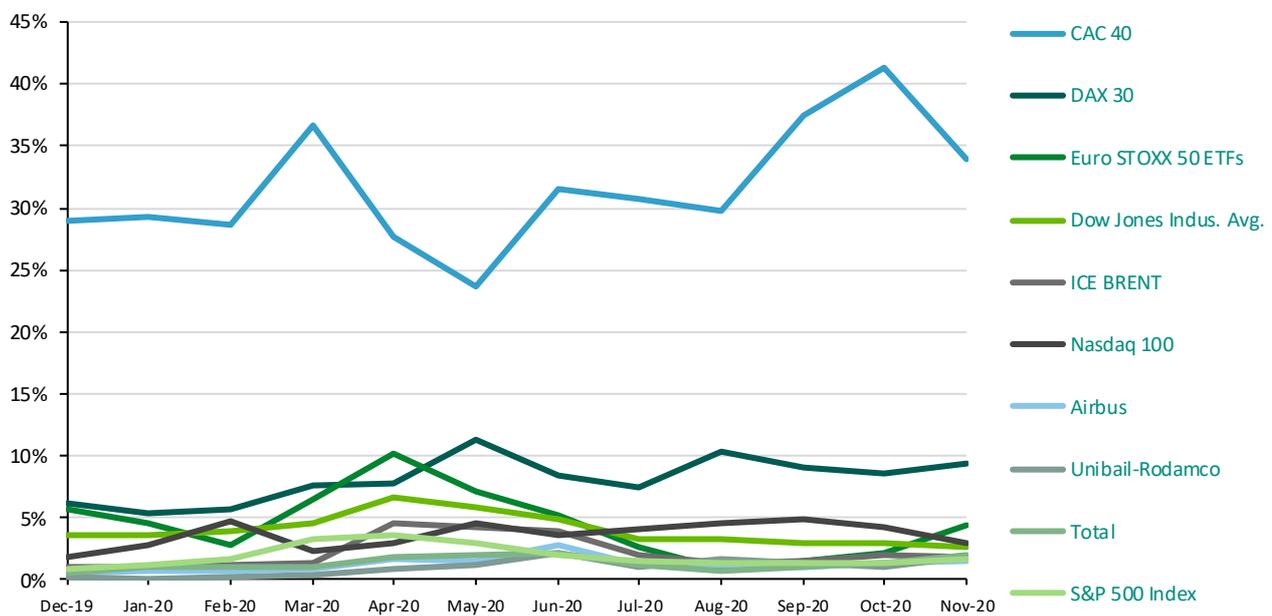
(Source Euronext)



TOP 10 UNDERLYINGS

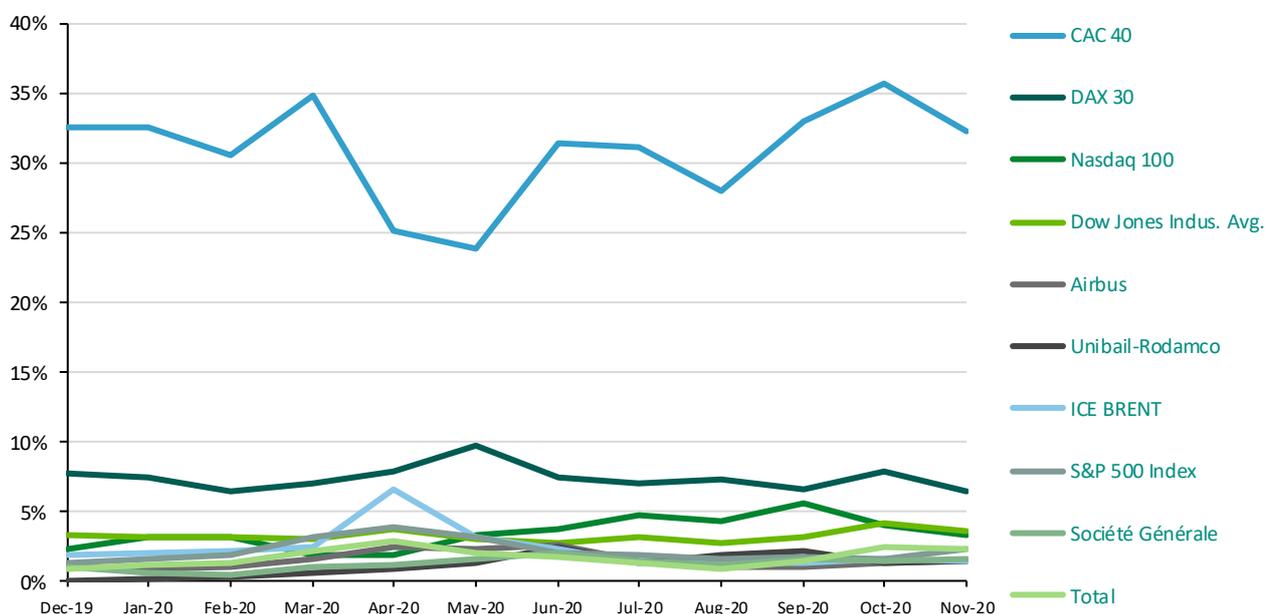
Market Trend: Value traded

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

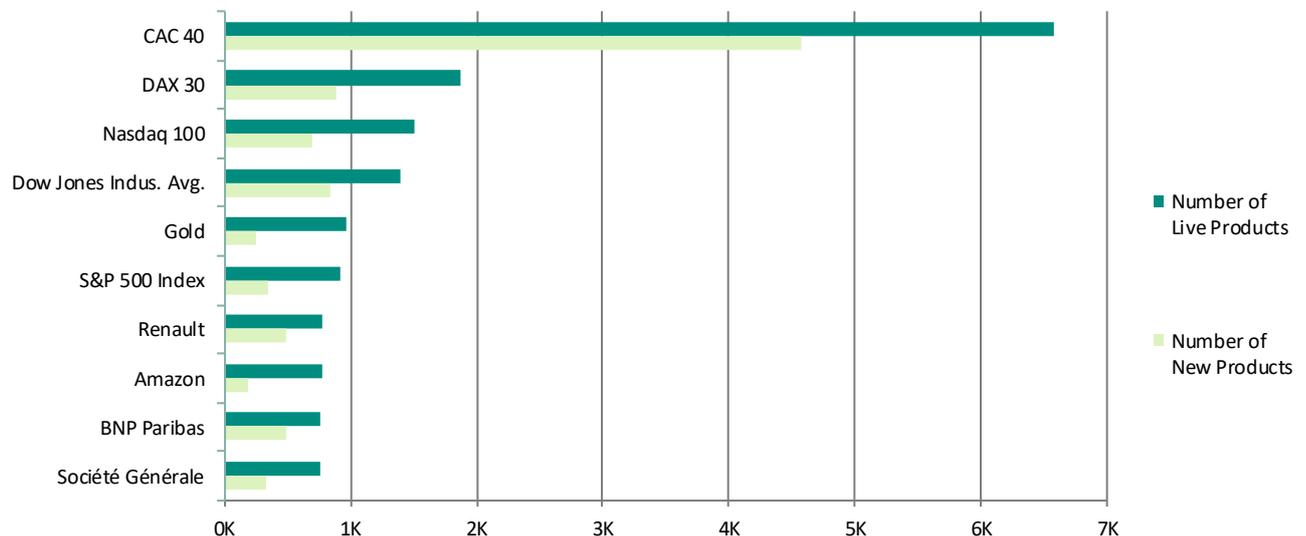
Product Overview

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	6,587	2.2%	-10.1%	14.0%	4,581	39%	3.6%	22.8%
DAX 30	1,875	7.7%	-8.2%	4.0%	886	-26%	-29%	4.4%
Nasdaq 100	1,510	4.4%	6.3%	3.2%	693	-14.7%	-16.8%	3.5%
Dow Jones Indus. Avg.	1,388	4.8%	-4.7%	2.9%	837	12.3%	-6.6%	4.2%
Gold	972	1.6%	15.2%	2.1%	251	89%	-0.4%	1.3%
S&P 500 Index	918	7.9%	2.4%	2.0%	341	-15.4%	-16.5%	1.7%
Renault	779	10.4%	-15.0%	1.7%	490	104%	26%	2.4%
Amazon	772	27%	64%	1.6%	183	-29%	31%	0.9%
BNP Paribas	758	13.2%	-0.6%	1.6%	481	99%	56%	2.4%
Société Générale	758	9.1%	-5.0%	1.6%	336	73%	8.5%	1.7%
Other	30,741	8.7%	-3.7%	65.3%	10,984	32%	7.2%	54.7%
Total	47,058	7.6%	-3.7%	100%	20,063	26.9%	3.1%	100%

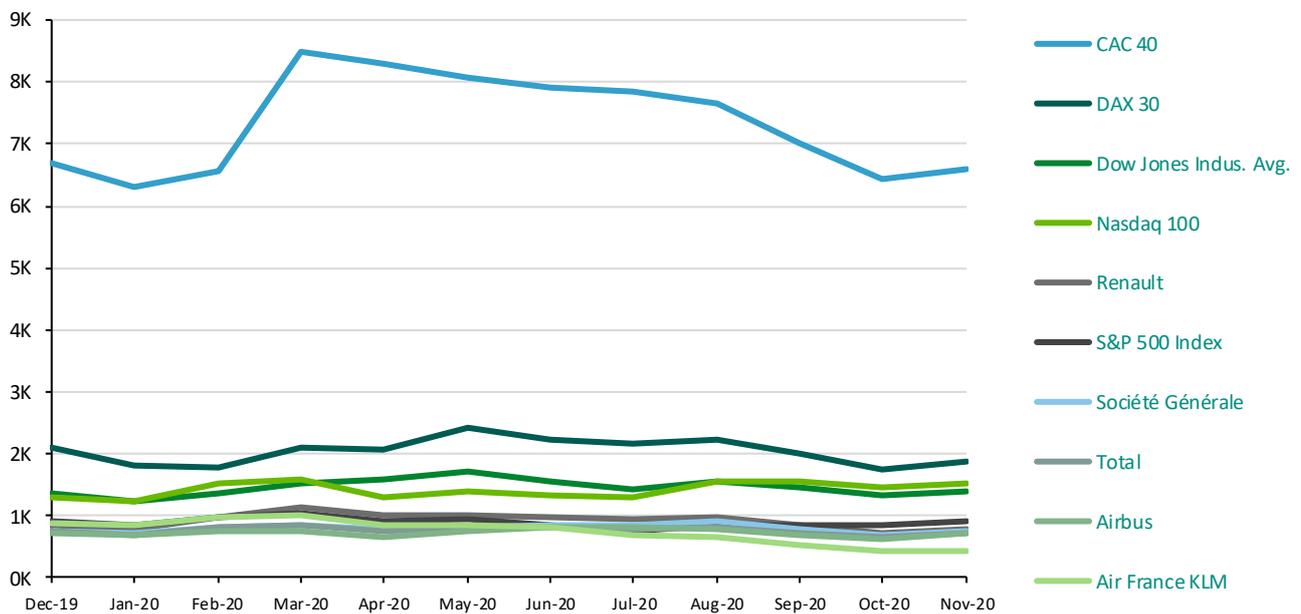
(Source Euronext)



TOP 10 UNDERLYINGS

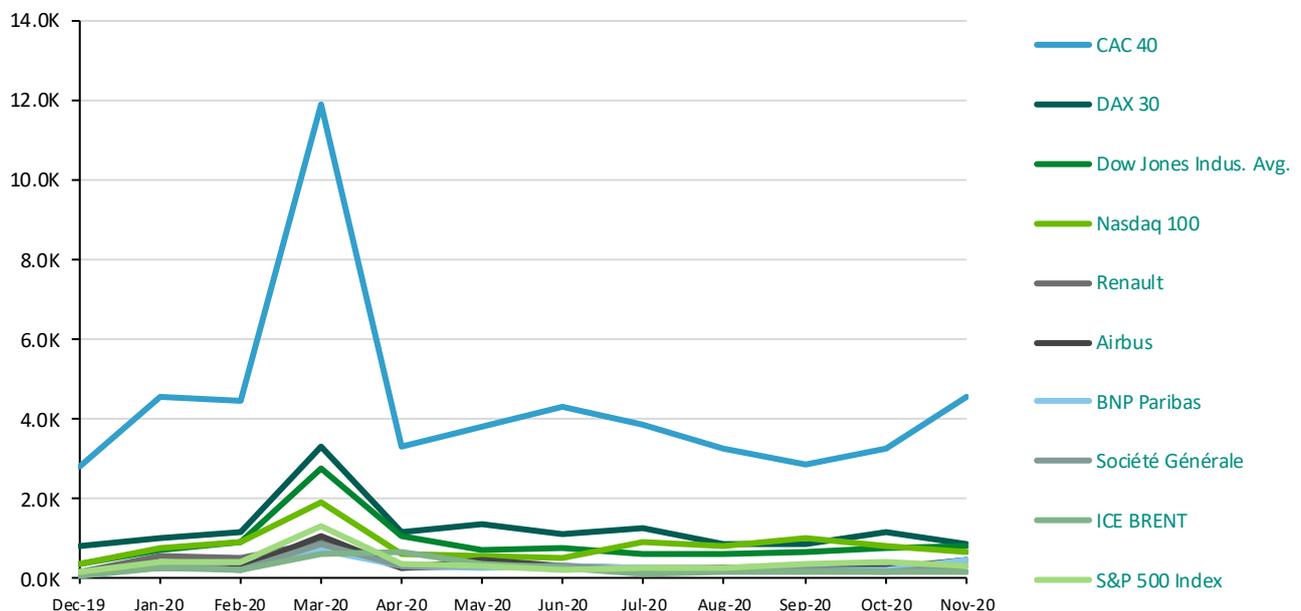
Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each top 10 underlying on 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
NLBNPFR10RC2	BNP Paribas	2100 Warrants	Euro STOXX 50 ETFs	11,962	209
NLBNPFR10RA6	BNP Paribas	2100 Warrants	Euro STOXX 50 ETFs	7,543	121
FRBNPP021076	BNP Paribas	2210 Mini-Futures	CAC 40	4,878	162
DE000KE04US8	Citi	2200 Knock-Out Warrants	DAX 30	4,622	165
DE000SB2EJF4	Société Générale	2300 Constant Leverage Certificate	CAC 40	4,186	566
FRBNPP010994	BNP Paribas	2210 Mini-Futures	CAC 40	4,182	127
DE000VP38YH4	Vontobel	2205 Open-End Knock-Out Warrants	DAX 30	3,786	70
DE000KB99WL5	Citi	2200 Knock-Out Warrants	DAX 30	3,650	163
FRBNPP01R567	BNP Paribas	2300 Constant Leverage Certificate	CAC 40	3,214	566
DE000VP931Z0	Vontobel	2205 Open-End Knock-Out Warrants	AEX	2,737	696
FRBNPP01JMO6	BNP Paribas	2300 Constant Leverage Certificate	CAC 40	2,438	454
DE000CL5AC09	Société Générale	2210 Mini-Futures	Unibail-Rodamco	2,322	29
DE000SR9RCH4	Société Générale	2100 Warrants	Société Générale	2,207	57
FRBNPP01O978	BNP Paribas	2210 Mini-Futures	CAC 40	2,174	59
DE000SB2EHY9	Société Générale	2300 Constant Leverage Certificate	CAC 40	2,093	117
DE000SB2EJL2	Société Générale	2300 Constant Leverage Certificate	CAC 40	1,877	488
DE000KB581N8	Citi	2205 Open-End Knock-Out Warrants	DAX 30	1,824	69
FR0013135803	Société Générale	2300 Constant Leverage Certificate	CAC 40 x5 Leverage Index	1,810	198
FRBNPP021W27	BNP Paribas	2210 Mini-Futures	CAC 40	1,787	66
DE000VP6ZKQ4	Vontobel	2205 Open-End Knock-Out Warrants	Dow Jones Indus. Avg.	1,779	90
DE000SR717Z6	Société Générale	2100 Warrants	Unibail-Rodamco	1,592	221
NL0013927239	BNP Paribas	2100 Warrants	CAC 40	1,584	77
NL0006454928	BNP Paribas	1300 Tracker Certificates	Gold	1,571	105
FRBNPP01R575	BNP Paribas	2300 Constant Leverage Certificate	CAC 40	1,568	453
DE000VE2BFZ8	Vontobel	2300 Constant Leverage Certificate	Tesla x5 Leverage Index	1,498	51
DE000VP9GZU8	Vontobel	2205 Open-End Knock-Out Warrants	DAX 30	1,490	223
FRBNPP0215H2	BNP Paribas	2200 Knock-Out Warrants	DAX 30	1,489	49
DE000VP9WAG7	Vontobel	2205 Open-End Knock-Out Warrants	Tesla Motors Inc	1,442	137
FRBNPP021A98	BNP Paribas	2210 Mini-Futures	CAC 40	1,392	78
FRBNPP01DRZ4	BNP Paribas	2210 Mini-Futures	CAC 40	1,390	69
DE000CU6NDA5	Société Générale	2205 Open-End Knock-Out Warrants	CAC 40	1,351	394
DE000VP38YG6	Vontobel	2205 Open-End Knock-Out Warrants	DAX 30	1,342	242
FRBNPP01XBX1	BNP Paribas	2300 Constant Leverage Certificate	CAC 40	1,337	418
DE000KE040B7	Citi	2205 Open-End Knock-Out Warrants	DAX 30	1,329	104
FRBNPP01DS22	BNP Paribas	2210 Mini-Futures	CAC 40	1,273	47
DE000VP9S4W5	Vontobel	2210 Mini-Futures	DAX 30	1,229	50
FRBNPP0213T2	BNP Paribas	2205 Open-End Knock-Out Warrants	Airbus	1,220	43
DE000KB59W66	Citi	2210 Mini-Futures	EUR/USD	1,209	475
DE000SR8UNZ9	Société Générale	2205 Open-End Knock-Out Warrants	Safran	1,190	68
DE000CL5ARP3	Société Générale	2205 Open-End Knock-Out Warrants	CAC 40	1,182	249
DE000SB2EJB3	Société Générale	2300 Constant Leverage Certificate	CAC 40	1,155	149
DE000SB13C34	Société Générale	2210 Mini-Futures	Amazon	1,141	49
DE000SD1GNW6	Société Générale	2210 Mini-Futures	NIO INC	1,080	72
DE000KB7UL55	Citi	2210 Mini-Futures	S&P 500 Index	1,070	348
DE000UC16MS2	Unicredit	2100 Warrants	Total	1,068	88
DE000SR8F4E1	Société Générale	2100 Warrants	Ubisoft	1,054	42
FRBNPP01E7C7	BNP Paribas	2210 Mini-Futures	CAC 40	1,044	80
DE000CL37GC3	Société Générale	2100 Warrants	Société Générale	1,032	17
DE000SR9RCL6	Société Générale	2100 Warrants	Teleperformance	985	32
DE000CL38JM4	Société Générale	2205 Open-End Knock-Out Warrants	ICE BRENT	984	46

(Source Euronext)



Euroclear Nederland Instruments

ISSUERS

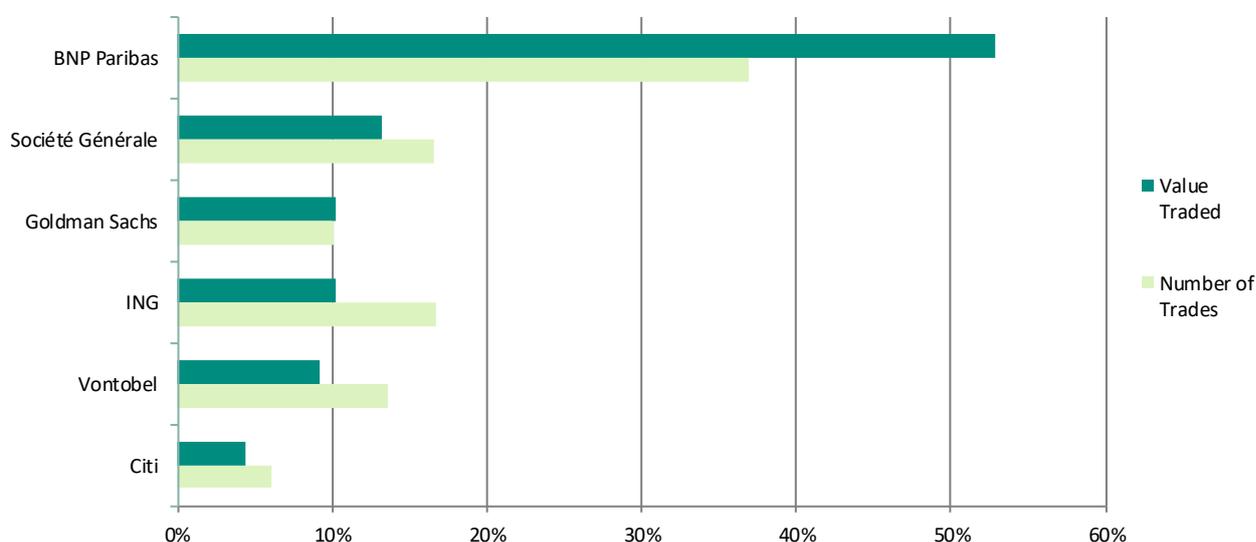
Market Overview

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	10,379	13.4%	-22%	52.8%	2,742	0.8%	-23.7%	36.9%
Société Générale	2,589	18.1%	32%	13.2%	1,224	14.8%	31.7%	16.5%
Goldman Sachs	2,005	27%	-28%	10.2%	749	40.3%	-17.5%	10.1%
ING	2,002	17.3%	-43%	10.2%	1,242	16.7%	-8.0%	16.7%
Vontobel	1,810	58%	-10.0%	9.2%	1,011	20.2%	6.5%	13.6%
Citi	872	11.3%	-16.6%	4.4%	453	-20.2%	-35.1%	6.1%
Total	19,657	18.7%	-23.0%	100%	7,422	9.3%	-16.1%	100%

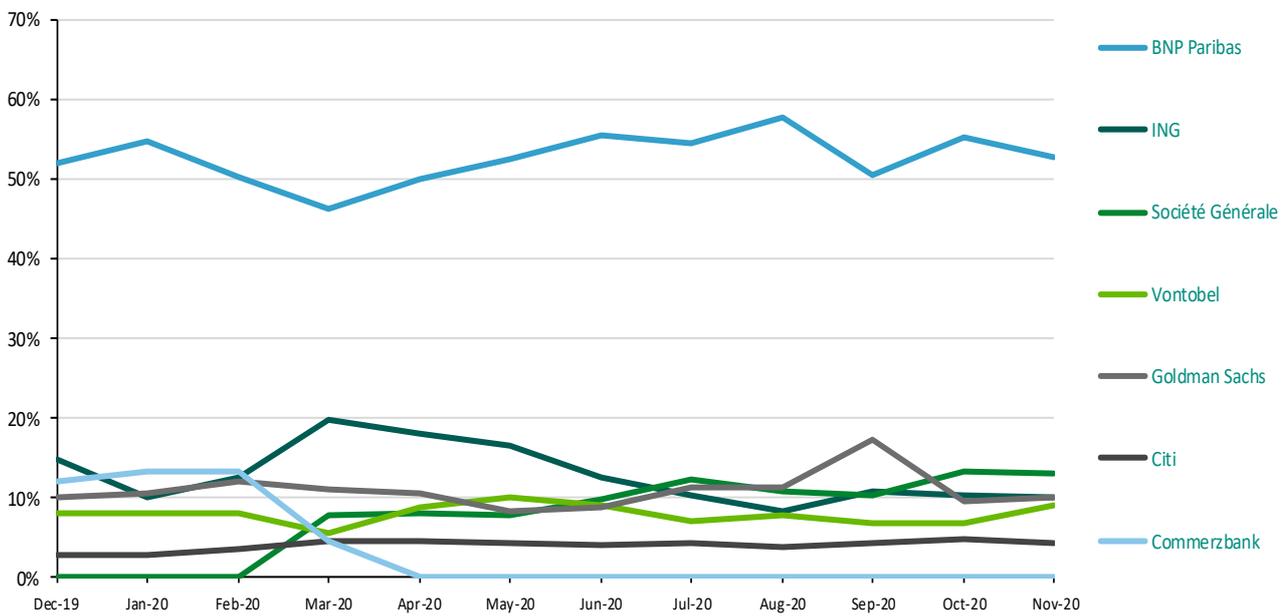
(Source Euronext)



ISSUERS

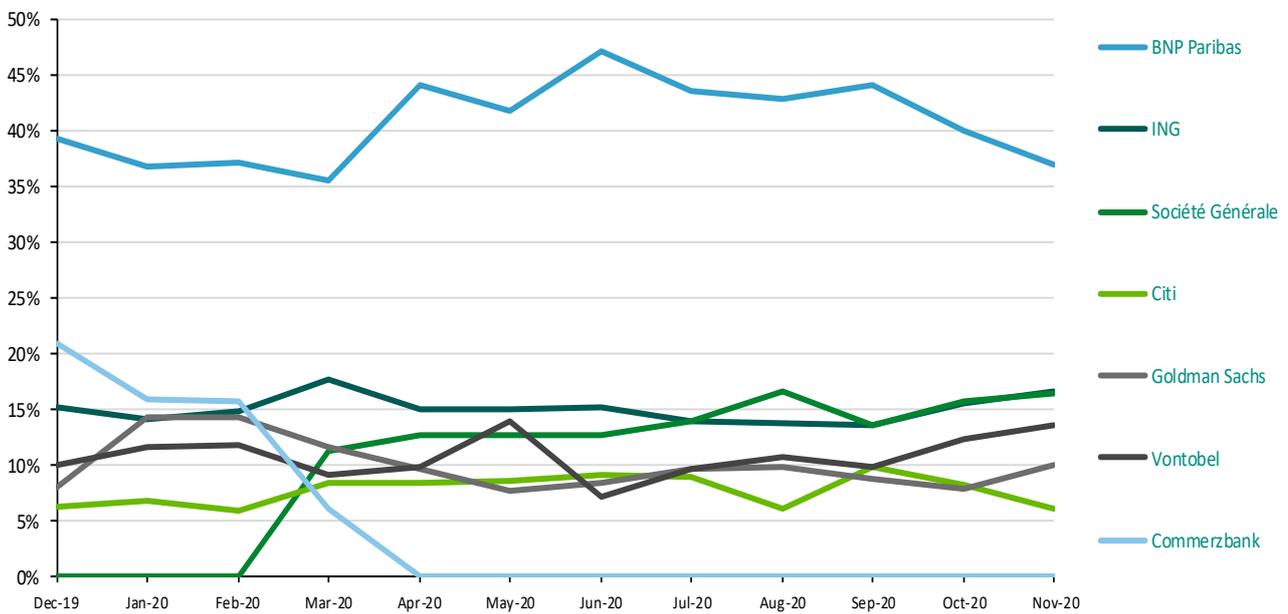
Market Trend: Value traded

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

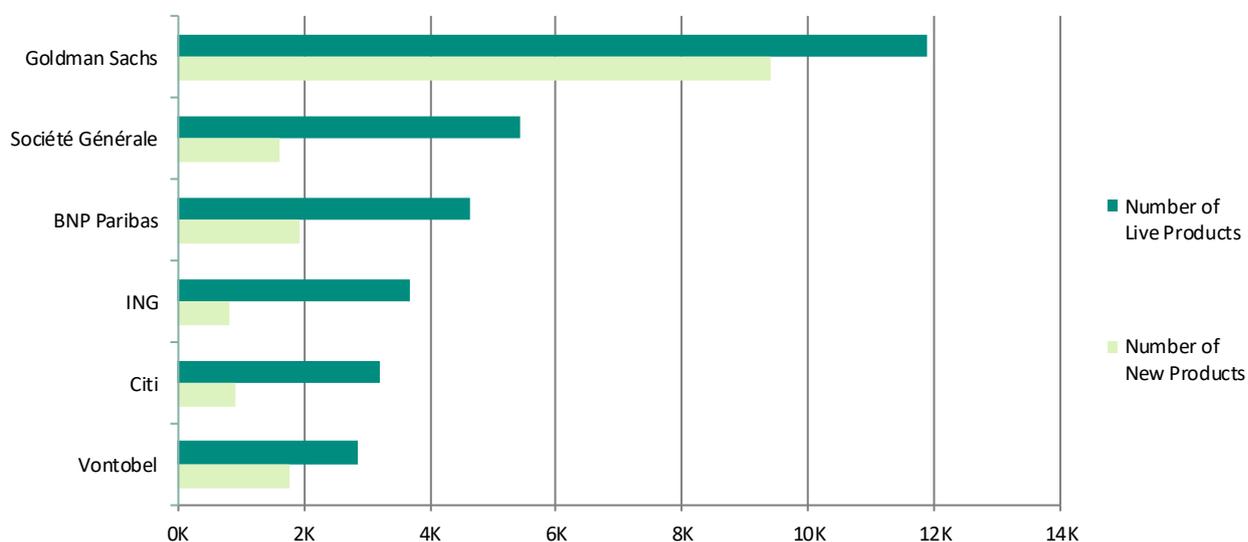
Product Overview

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	11,882	7.2%	35%	37.5%	9,397	2.9%	25%	57.1%
Société Générale	5,441	1.2%	49%	17.2%	1,602	28%	21%	9.7%
BNP Paribas	4,626	-0.7%	-19.9%	14.6%	1,945	42%	-30%	11.8%
ING	3,676	1.2%	5.3%	11.6%	825	63%	6.7%	5.0%
Citi	3,212	-4.2%	7.3%	10.1%	911	0.0%	-25%	5.5%
Vontobel	2,865	0.8%	-0.8%	9.0%	1,787	22%	-17.0%	10.9%
Total	31,703	2.4%	8.8%	100%	16,467	12.5%	2.2%	100%

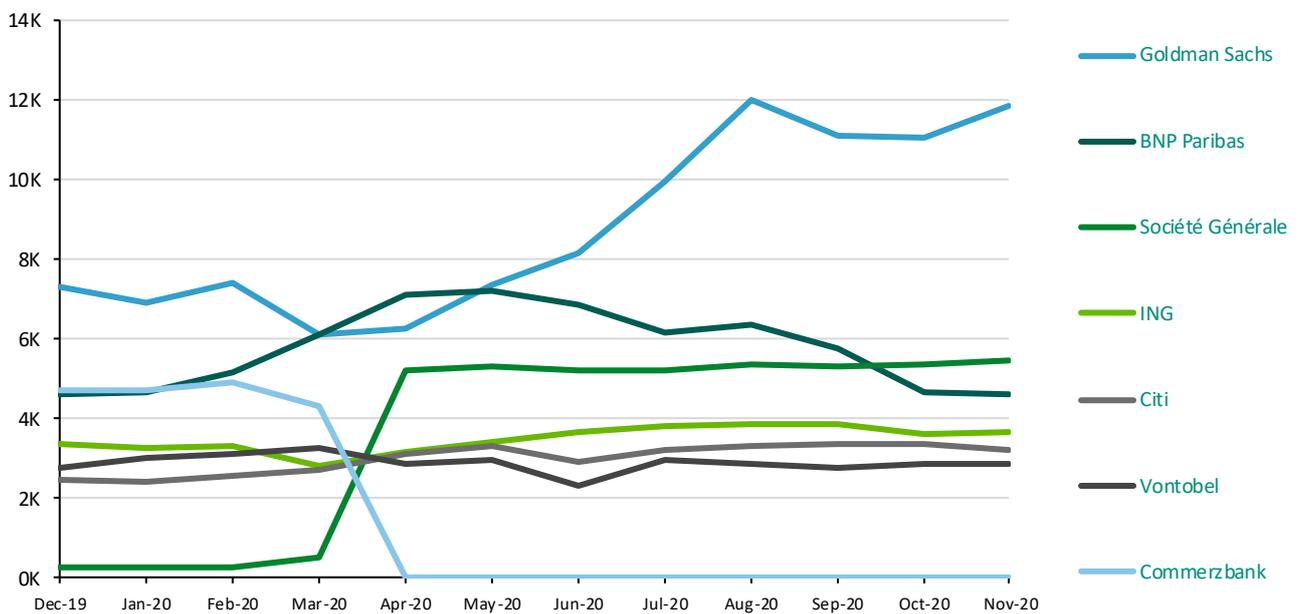
(Source Euronext)



ISSUERS

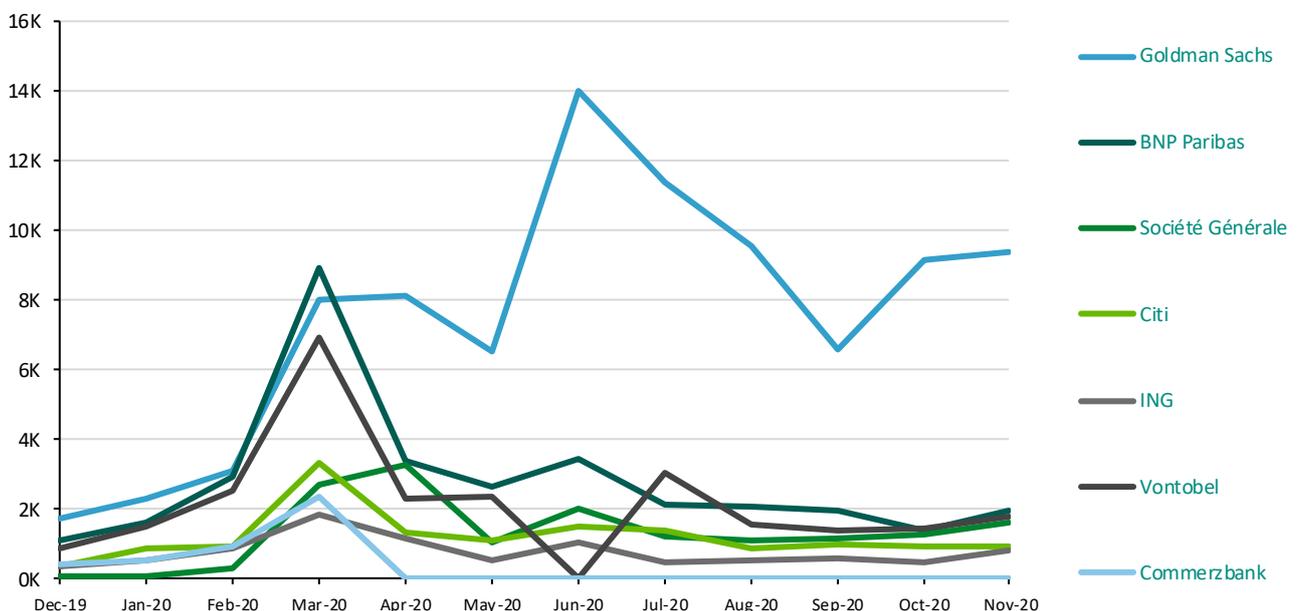
Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each issuer on Euroclear 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 (EUSIPA¹ CATEGORIZATION LEVEL 2)

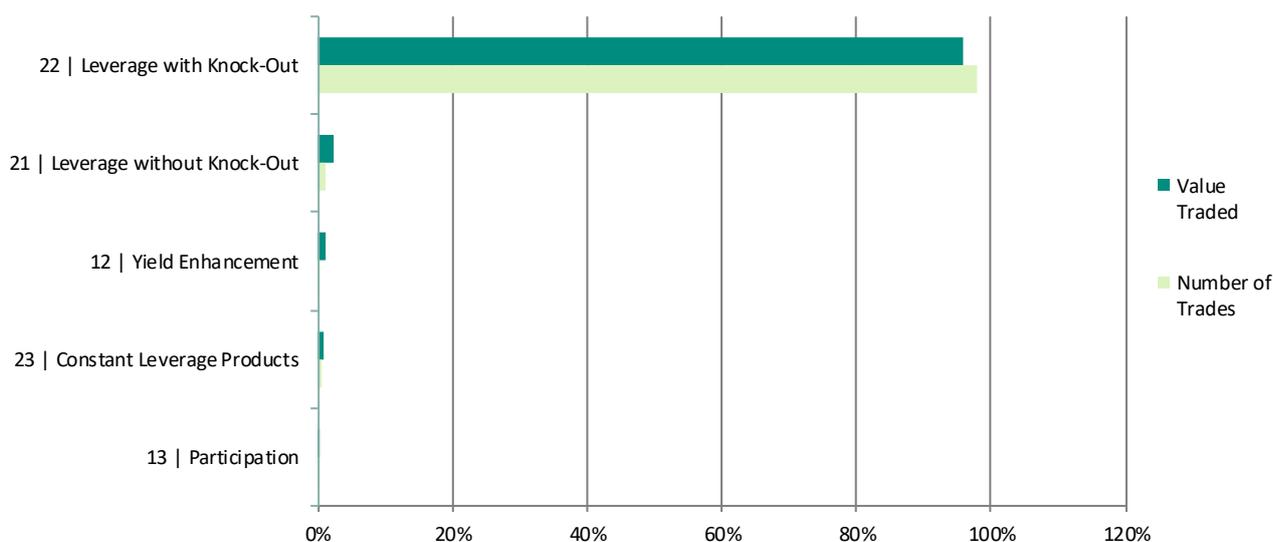
Market Overview

The table below displays the daily averages of value traded and number of trades per product type (EUSIPA¹ 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	18,843	19.3%	-20%	95.9%	7,276	9.5%	-15.0%	98.0%
21 Leverage without Knock-Out	441	-14.5%	-67%	2.2%	81	-17.5%	-45.2%	1.1%
12 Yield Enhancement	190	170%	25%	1.0%	18	56.5%	12.8%	0.2%
23 Constant Leverage Products	162	1.9%	-59%	0.8%	42	23.9%	-65.4%	0.6%
13 Participation	20	-15.4%	-30%	0.1%	3.9	-3.6%	-16.2%	0.1%
Total	19,657	18.7%	-23.0%	100%	7,422	9.3%	-16.1%	100%

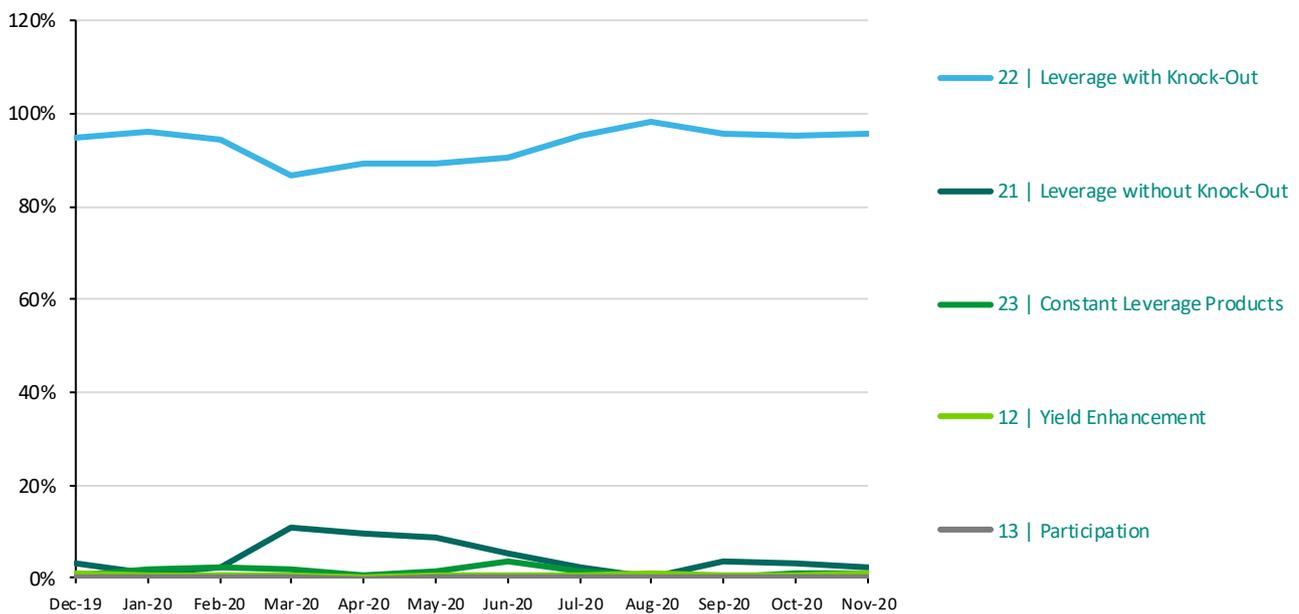
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

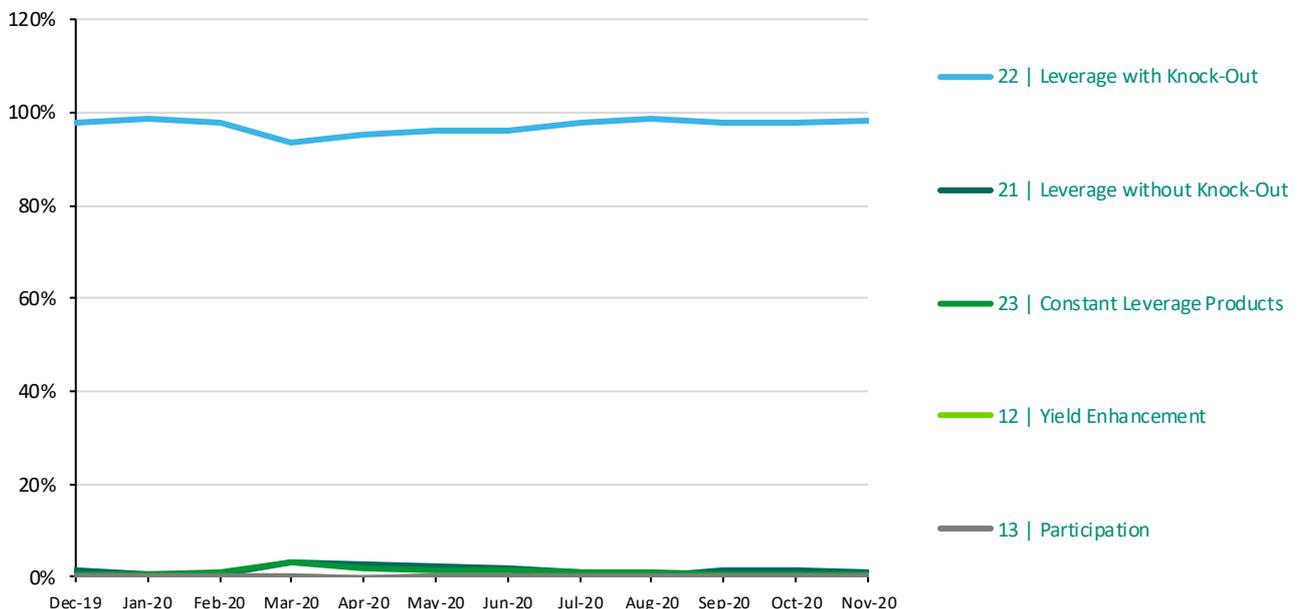
Market Trend: Value traded

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 (EUSIPA¹ CATEGORIZATION LEVEL 2)

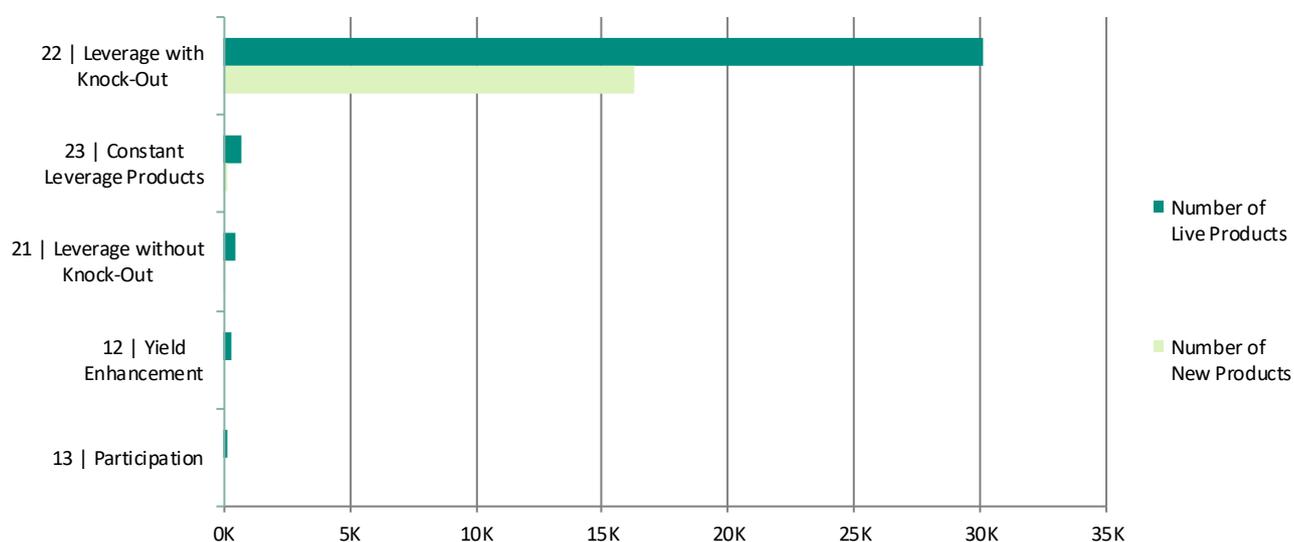
Product Overview

The table below displays the daily averages of value traded and number of trades per product type (EUSIPA¹ 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	30,090	2.6%	9.1%	94.9%	16,283	12.2%	2.7%	98.9%
23 Constant Leverage Products	713	2.4%	-0.6%	2.2%	116	152%	-17.9%	0.7%
21 Leverage without Knock-Out	426	12.2%	17.0%	1.3%	68	-6.8%	11.3%	0.4%
12 Yield Enhancement	319	-12.4%	-6.6%	1.0%	0	-100%	-100%	0.0%
13 Participation	155	-9.2%	9.3%	0.5%	0		-100%	0.0%
Total	31,703	2.4%	8.8%	100%	16,467	12.5%	2.2%	100%

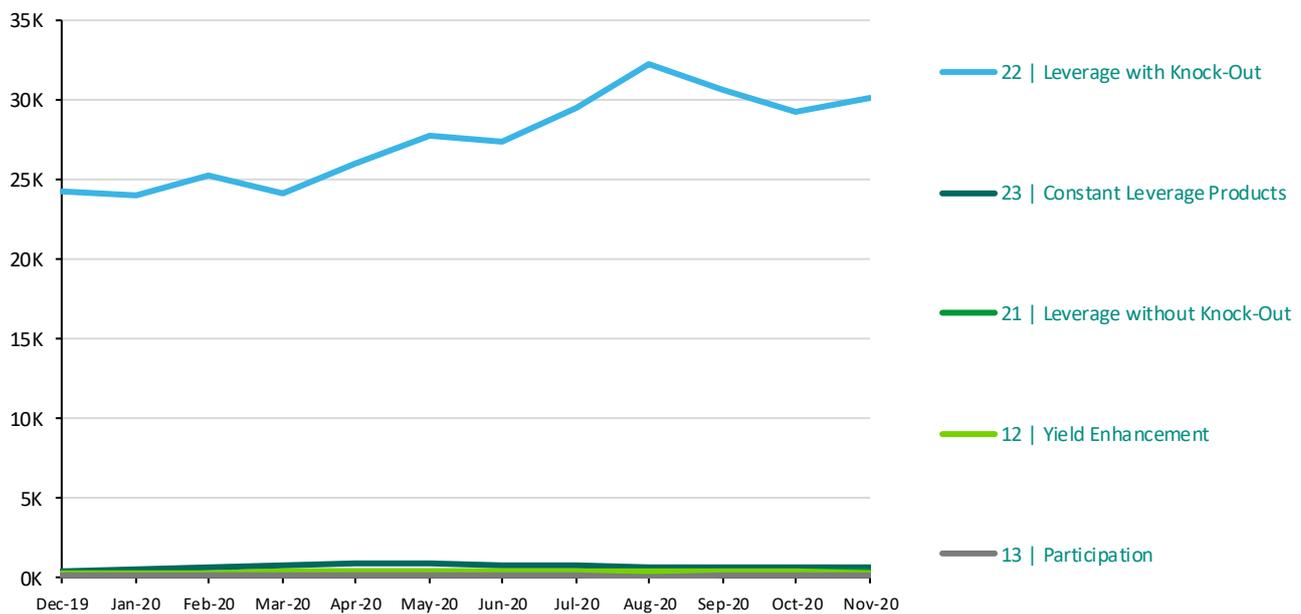
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

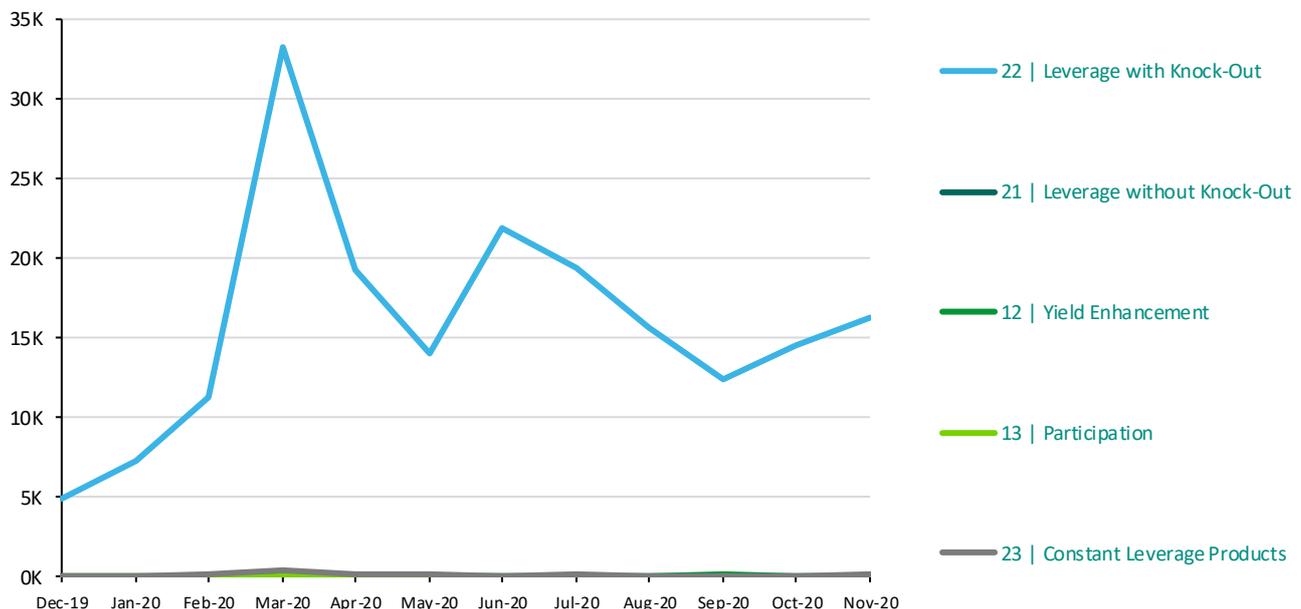
Product Trend: Number of Live Products

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 (EUSIPA¹ CATEGORIZATION LEVEL 3)

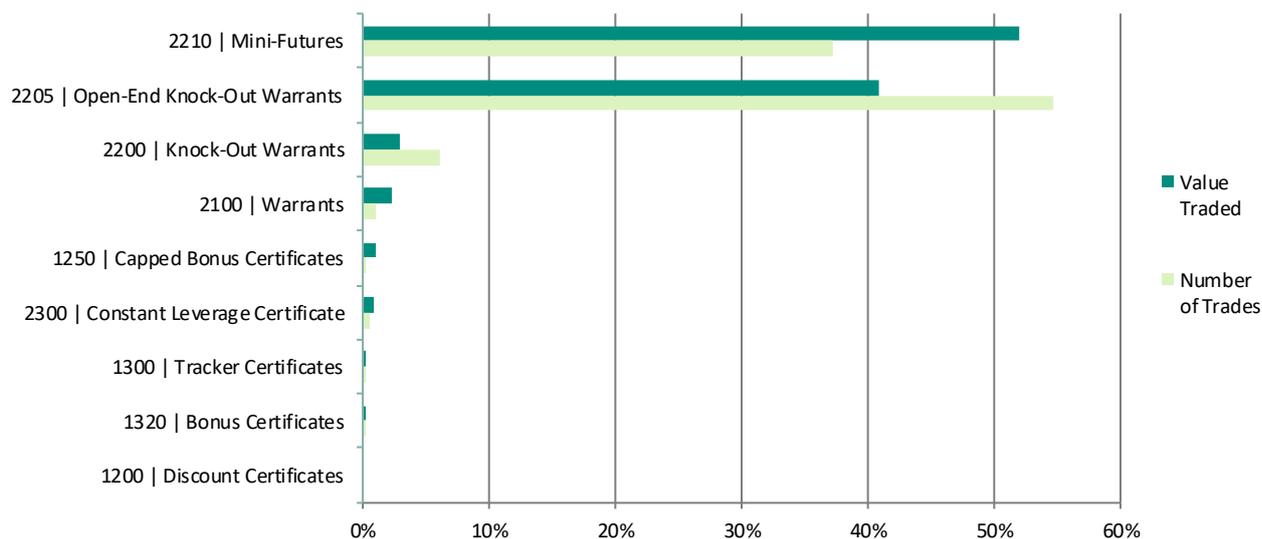
Market Overview

The table below displays the daily averages of value traded and number of trades per product type (EUSIPA¹ 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	10,230	31%	-13.1%	52.0%	2,766	18.8%	-9.2%	37.3%
2205 Open-End Knock-Out Warrants	8,053	6.6%	-29%	41.0%	4,057	3.0%	-21%	54.7%
2200 Knock-Out Warrants	560	30%	4.8%	2.8%	453	21%	30%	6.1%
2100 Warrants	441	-14.5%	-67%	2.2%	81	-17.5%	-45%	1.1%
1250 Capped Bonus Certificates	190	170%	25%	1.0%	18	57%	12.8%	0.2%
2300 Constant Leverage Certificate	162	1.9%	-59%	0.8%	42	24%	-65%	0.6%
1300 Tracker Certificates	10	-56%	-44%	0.1%	2.1	-44%	-26%	0.0%
1320 Bonus Certificates	10	966%	-5.9%	0.1%	1.8	675%	-1.5%	0.0%
1200 Discount Certificates	0			0.0%	0.0			0.0%
Total	19,657	18.7%	-23%	100%	7,422	9.3%	-16.1%	100%

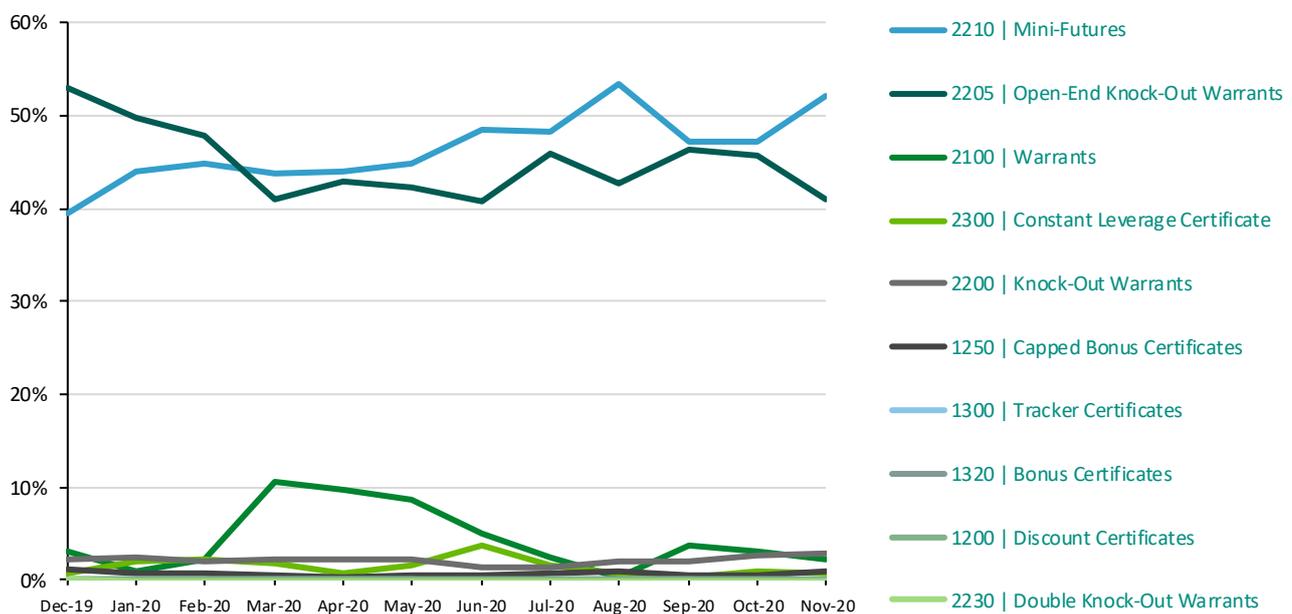
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

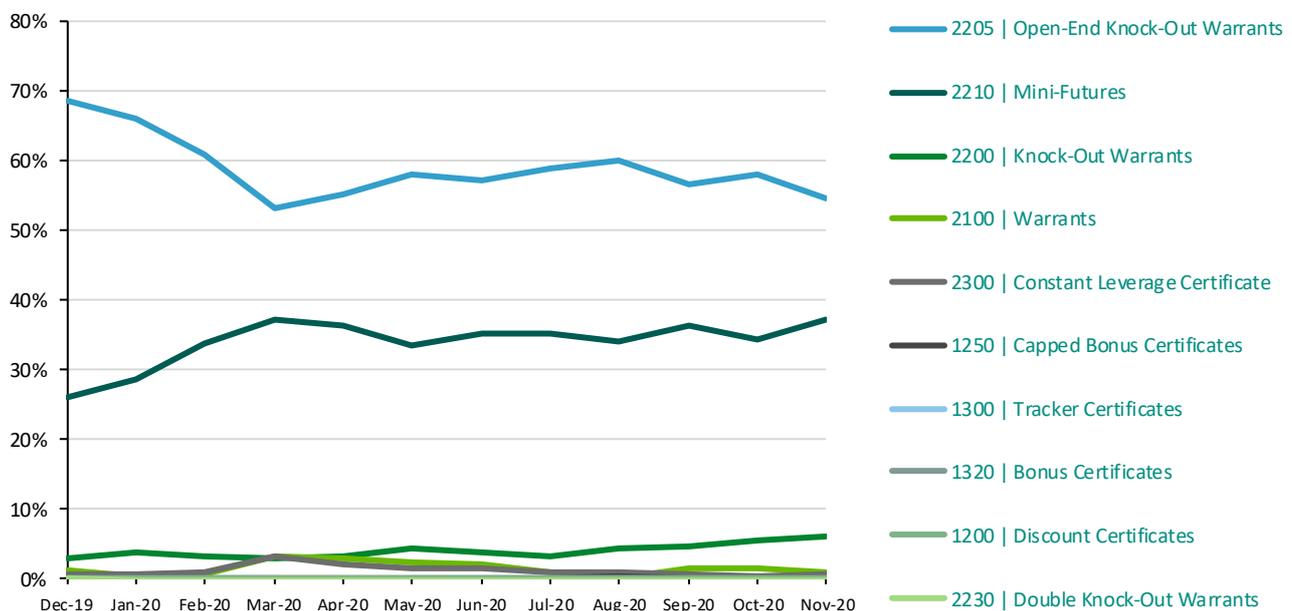
Market Trend: Value traded

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 (EUSIPA¹ CATEGORIZATION LEVEL 3)

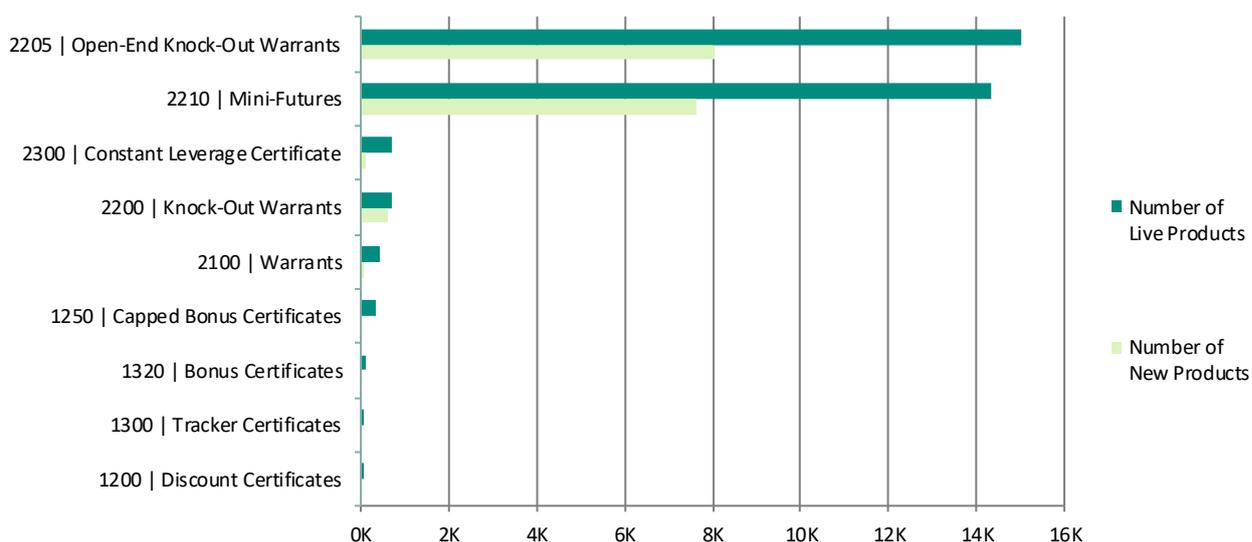
Product Overview

The table below displays the daily averages of value traded and number of trades per product type (EUSIPA¹ 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	15,045	2.7%	9.8%	47.5%	8,039	30%	3.5%	48.8%
2210 Mini-Futures	14,344	2.4%	9.7%	45.2%	7,629	-0.1%	2.3%	46.3%
2300 Constant Leverage Certificate	713	2.4%	-0.6%	2.2%	116	152%	-17.9%	0.7%
2200 Knock-Out Warrants	701	2.8%	-12.7%	2.2%	615	-10.5%	-1.2%	3.7%
2100 Warrants	426	12.2%	17.0%	1.3%	68	-6.8%	11.3%	0.4%
1250 Capped Bonus Certificates	316	-12.5%	-5.9%	1.0%	0	-100%	-100%	0.0%
1320 Bonus Certificates	99	-13.9%	15.4%	0.3%	0		-100%	0.0%
1300 Tracker Certificates	56	0.4%	-0.2%	0.2%	0			0.0%
1200 Discount Certificates	3	0.0%	-48%	0.0%	0		-100%	0.0%
Total	31,703	2.4%	8.8%	100%	16,467	12.5%	2.2%	100%

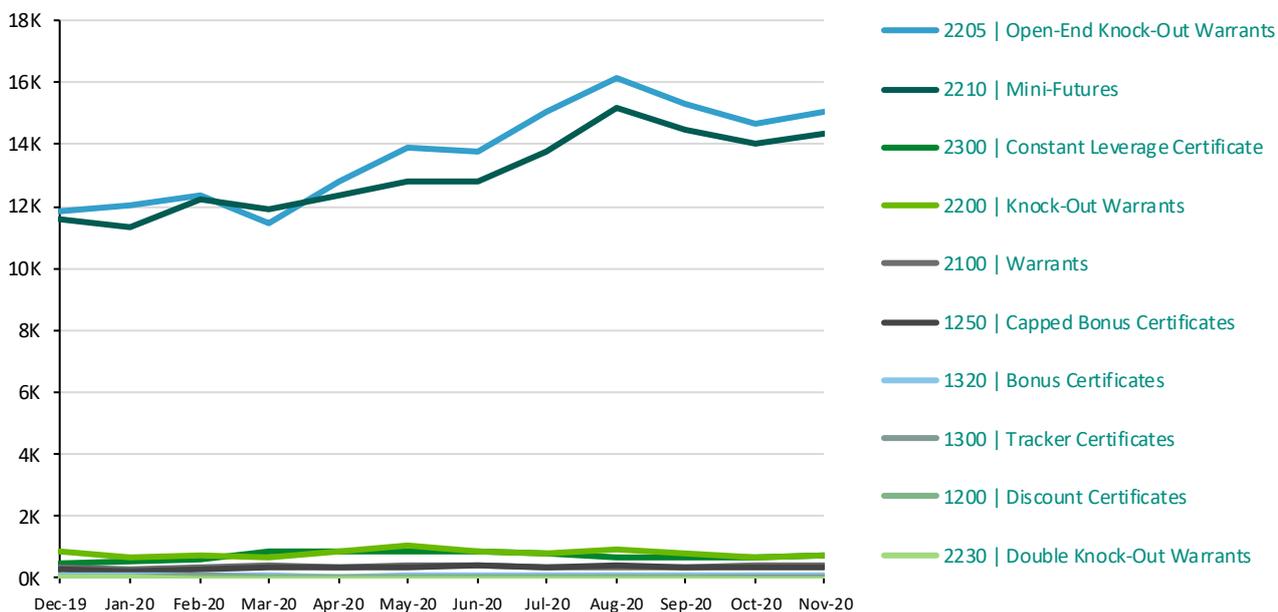
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

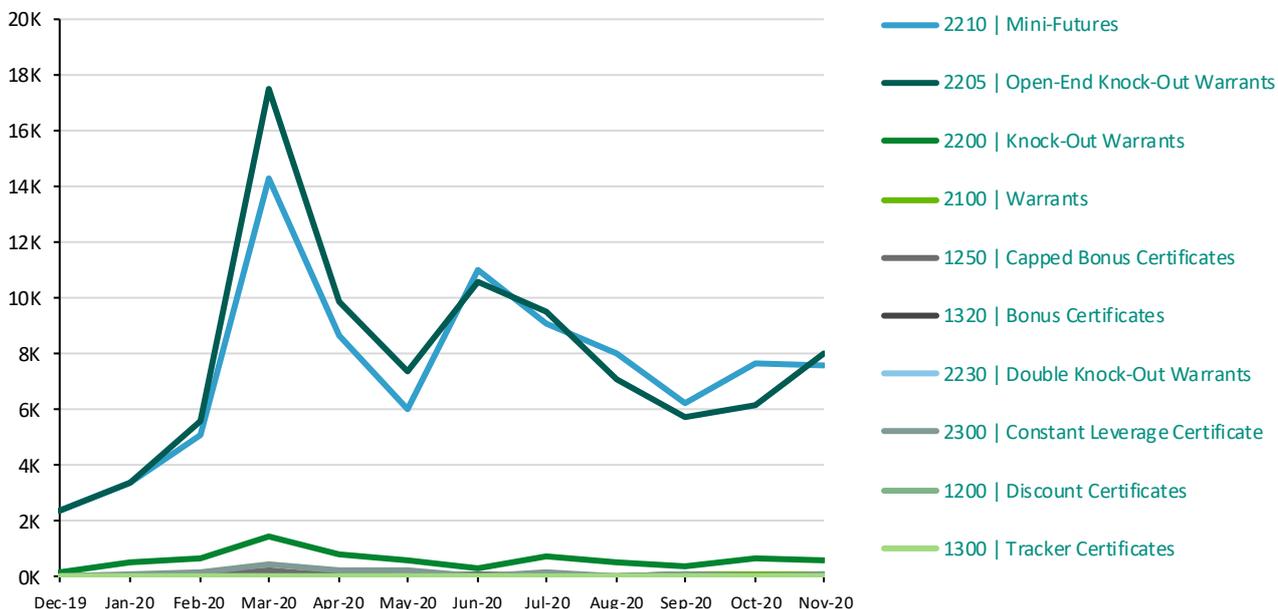
Product Trend: Number of Live Products

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

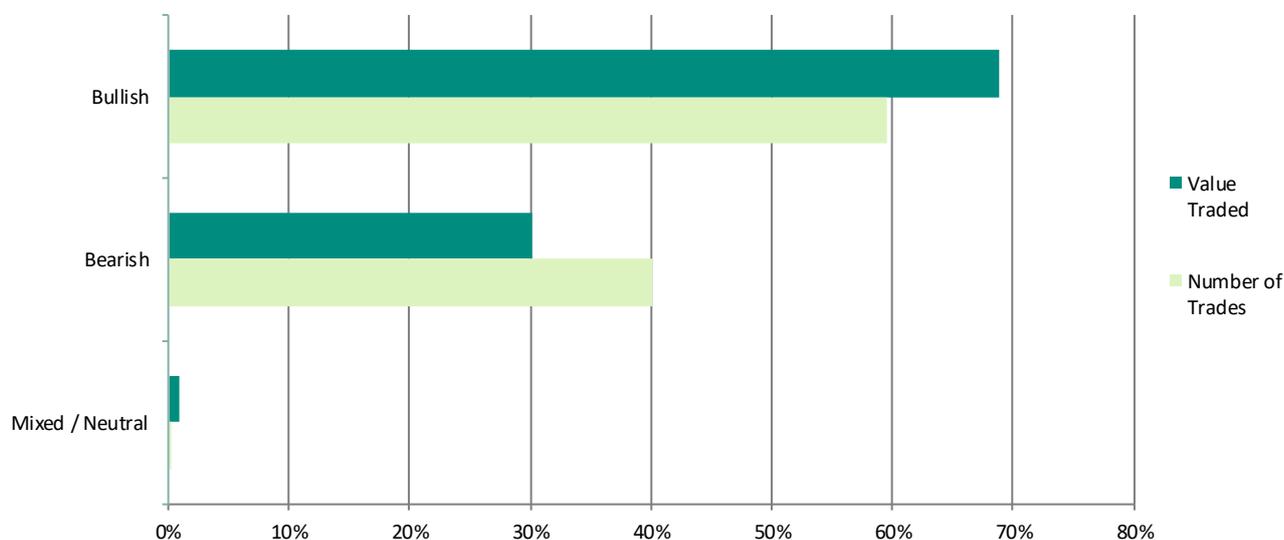
Market Overview

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	13,544	22%	-17.6%	68.9%	4,424	0.1%	-16.9%	59.6%
Bearish	5,923	10.0%	-34%	30.1%	2,980	26%	-15.1%	40.2%
Mixed / Neutral	190	170%	25%	1.0%	18	57%	12.8%	0.2%
Total	19,657	18.7%	-23.0%	100%	7,422	9.3%	-16.1%	100%

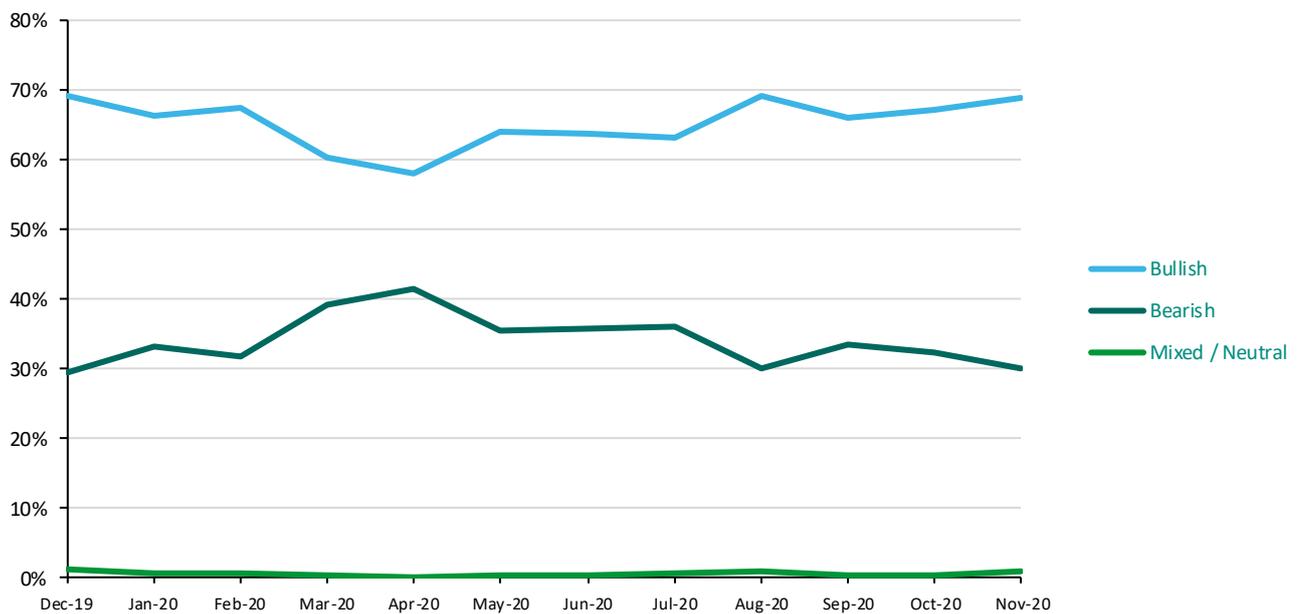
(Source Euronext)



PRODUCT STRATEGIES

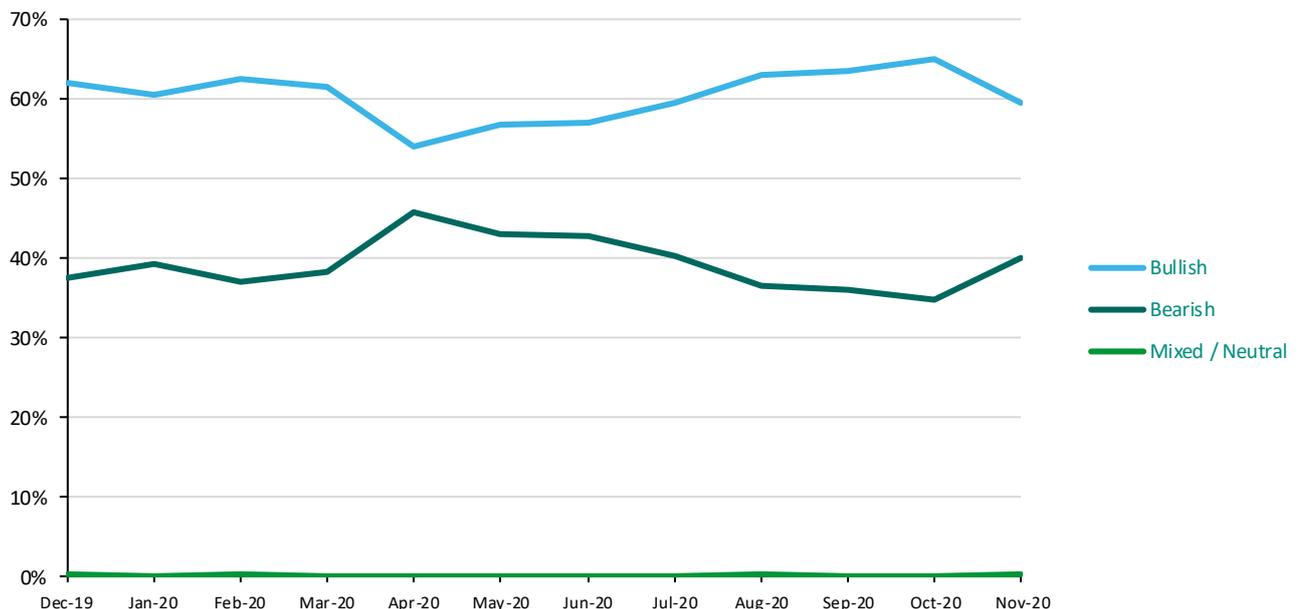
Market Trend: Value traded

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

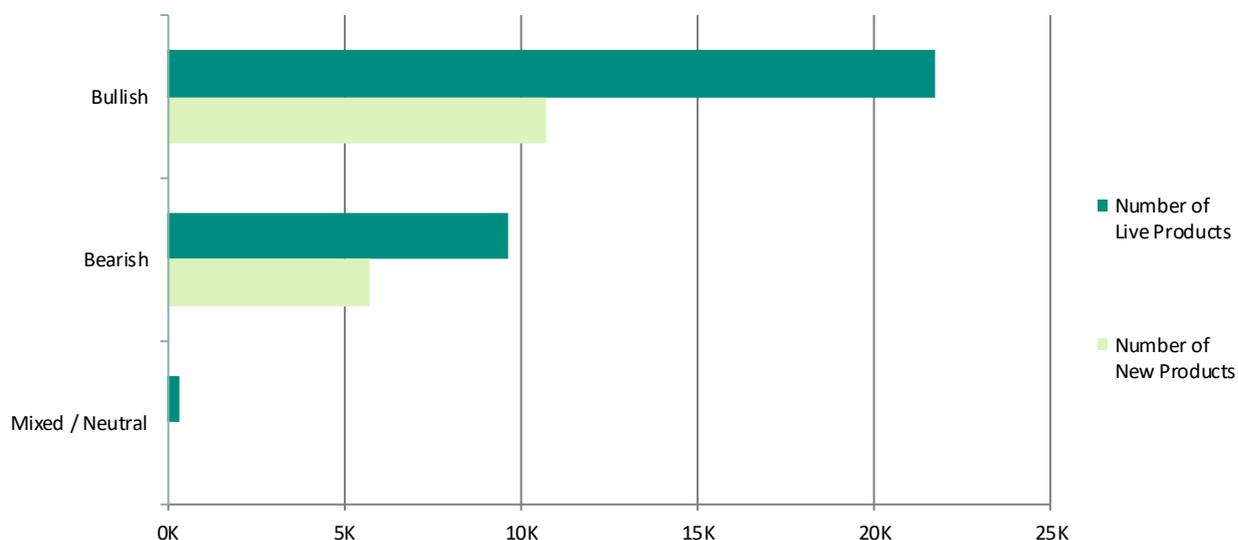
Product Overview

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	21,754	8.9%	17.2%	68.6%	10,747	29%	17.7%	65.3%
Bearish	9,630	-9.2%	-6.0%	30.4%	5,720	-9.1%	-17.5%	34.7%
Mixed / Neutral	319	-12.4%	-7.2%	1.0%	0	-100%	-100%	0.0%
Total	31,703	2.4%	8.8%	100%	16,467	12.5%	2.2%	100%

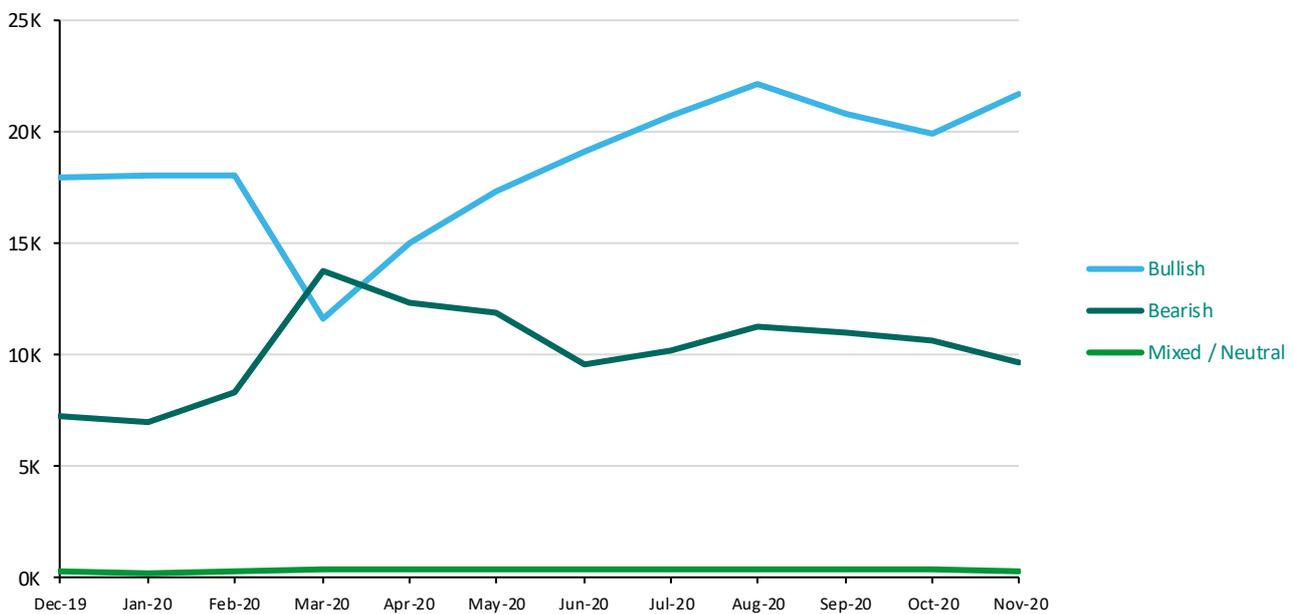
(Source Euronext)



PRODUCT STRATEGIES

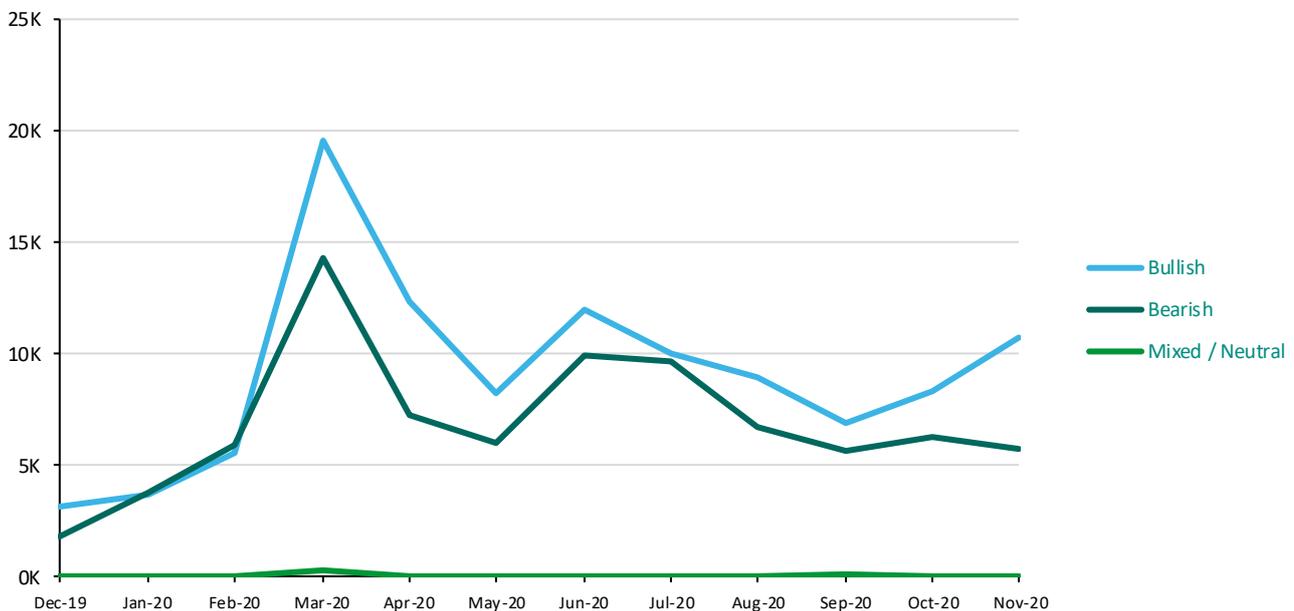
Product Trend: Number of Live Products

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

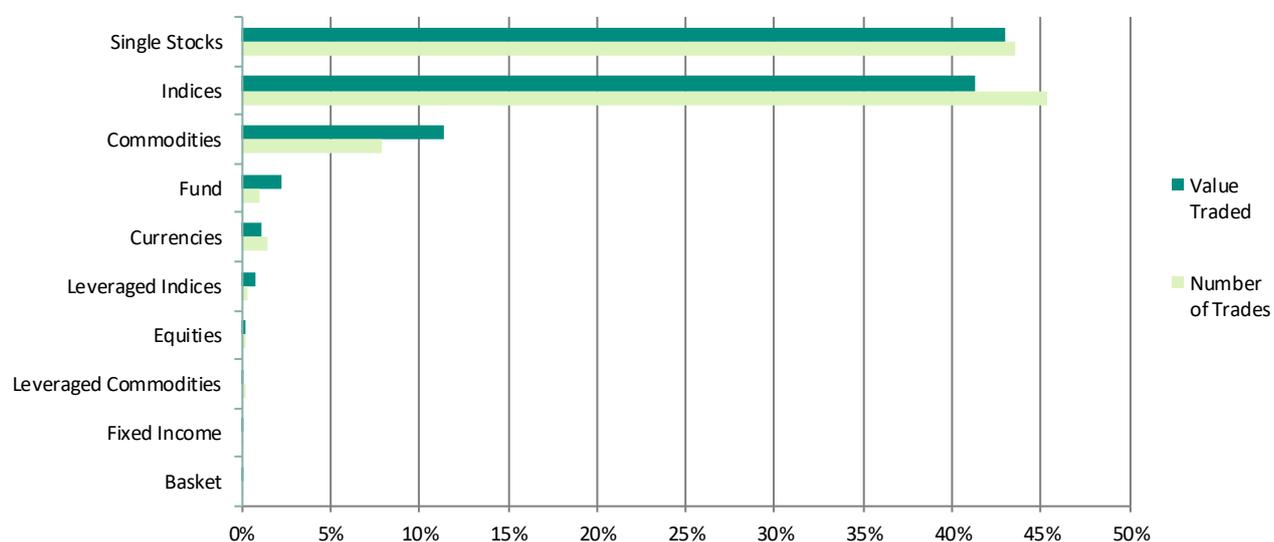
Market Overview

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	8,447	49%	11.4%	43.0%	3,228	25.5%	-2.3%	43.5%
Indices	8,113	-3.4%	-35%	41.3%	3,369	-3.4%	-23.3%	45.4%
Commodities	2,232	30%	-36%	11.4%	581	9.1%	-25.7%	7.8%
Fund	430	-12.3%	-67%	2.2%	77	-18.0%	-46.0%	1.0%
Currencies	218	61%	-28%	1.1%	103	39.7%	-9.6%	1.4%
Leveraged Indices	141	151%	-52%	0.7%	24	32.8%	-65.6%	0.3%
Equities	42	NA	NA	0.2%	15	363.5%	825.0%	0.2%
Leveraged Commodities	15	-83%	-82%	0.1%	14	102.6%	-55.5%	0.2%
Fixed Income	13	NA	-68%	0.1%	7.3	266.7%	-24.3%	0.1%
Basket	6	-62%	-48%	0.0%	1.0	-34.5%	-21.9%	0.0%
Total	19,657	18.7%	-23.0%	100%	7,422	9.3%	-16.1%	100%

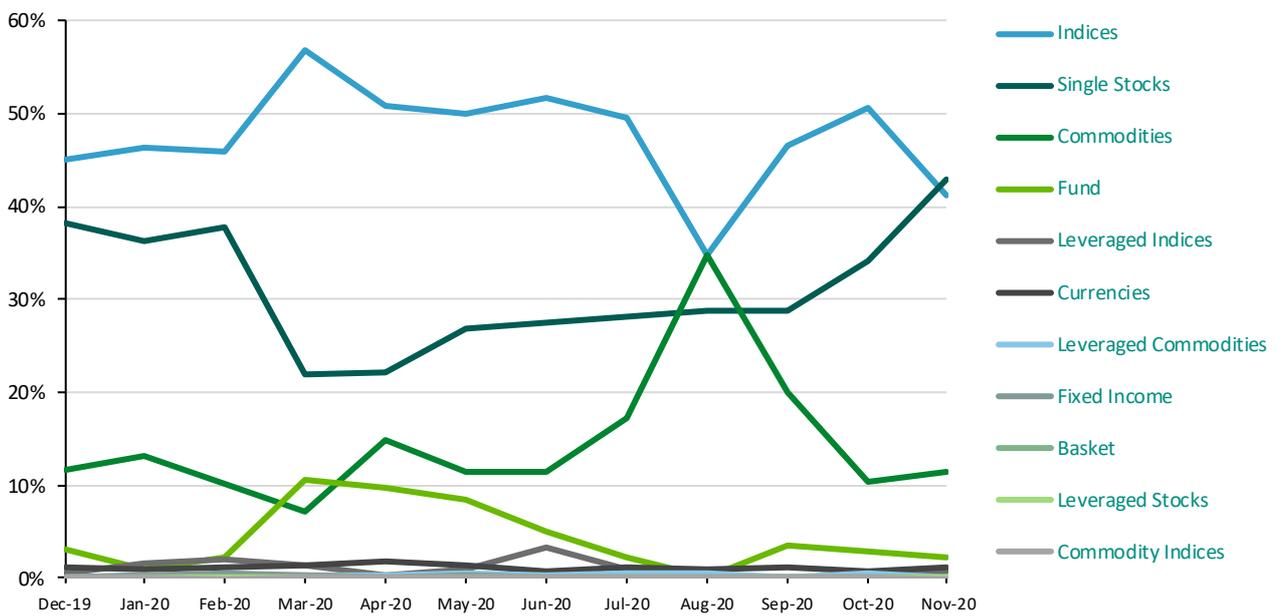
(Source Euronext)



UNDERLYING TYPES

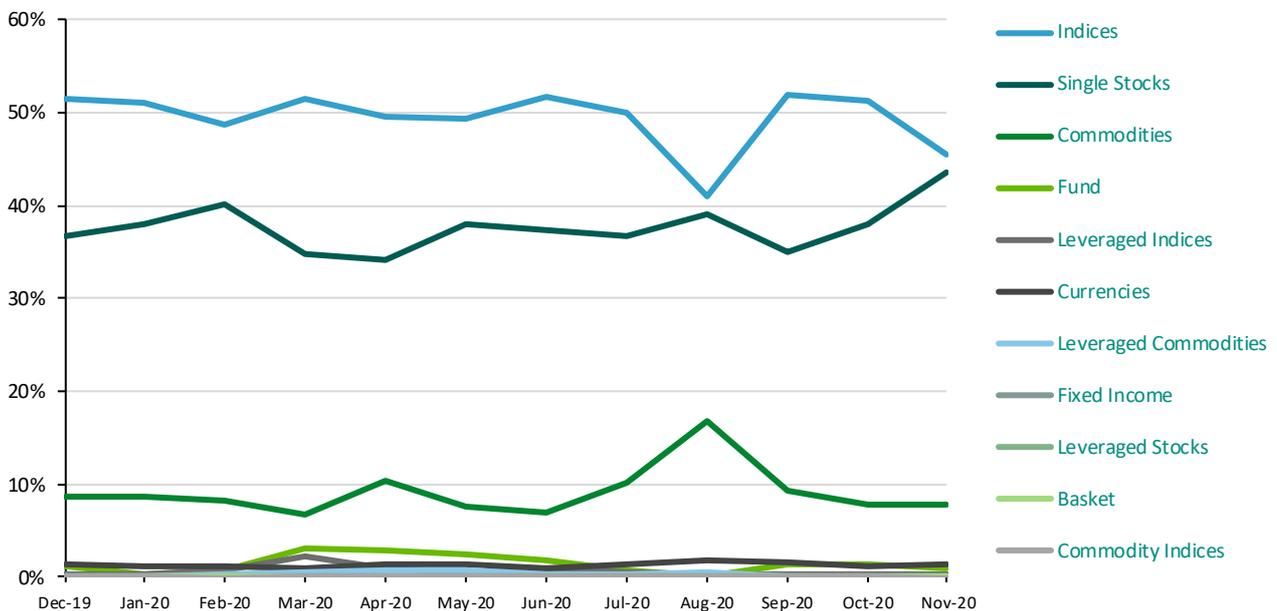
Market Trend: Value traded

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

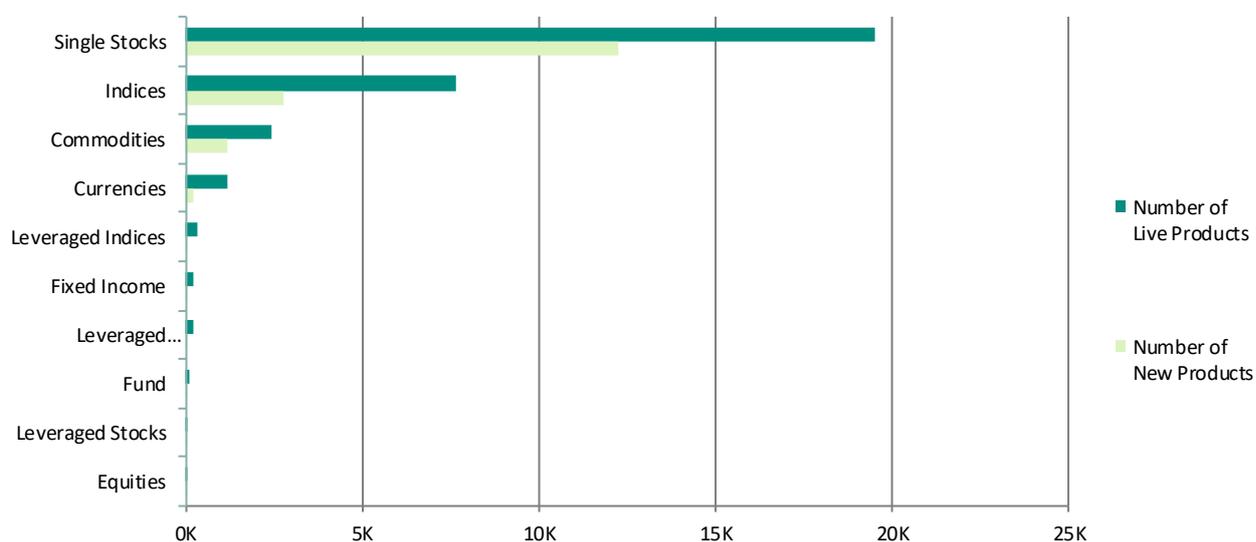
Product Overview

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	19,503	4.8%	11.2%	61.5%	12,236	11.9%	10.6%	74.3%
Indices	7,663	-1.5%	2.1%	24.2%	2,762	16.4%	-23%	16.8%
Commodities	2,420	-0.8%	11.5%	7.6%	1,153	5.1%	7.4%	7.0%
Currencies	1,166	-1.1%	16.7%	3.7%	216	39%	-12.6%	1.3%
Leveraged Indices	338	1.8%	-0.6%	1.1%	28	65%	-47%	0.2%
Fixed Income	192	-2.9%	-7.8%	0.6%	4	-33%	-73%	0.0%
Leveraged Commodities	187	-0.2%	-5.6%	0.6%	31	72%	-46%	0.2%
Fund	118	1.9%	13.5%	0.4%	2	-33%	-23%	0.0%
Leveraged Stocks	70	0.1%	7.3%	0.2%	5	-55%	-74%	0.0%
Equities	33	4.3%	210%	0.1%	30	76%	181%	0.2%
Total	31,703	2.4%	8.8%	100%	16,467	12.5%	2.2%	100%

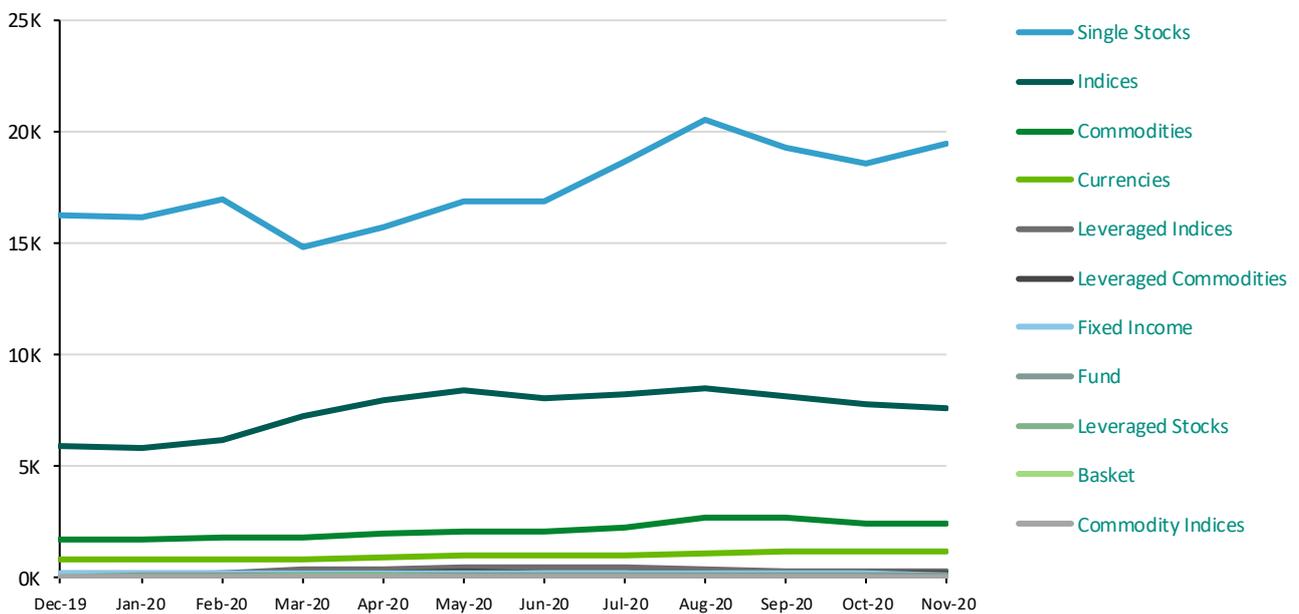
(Source Euronext)



UNDERLYING TYPES

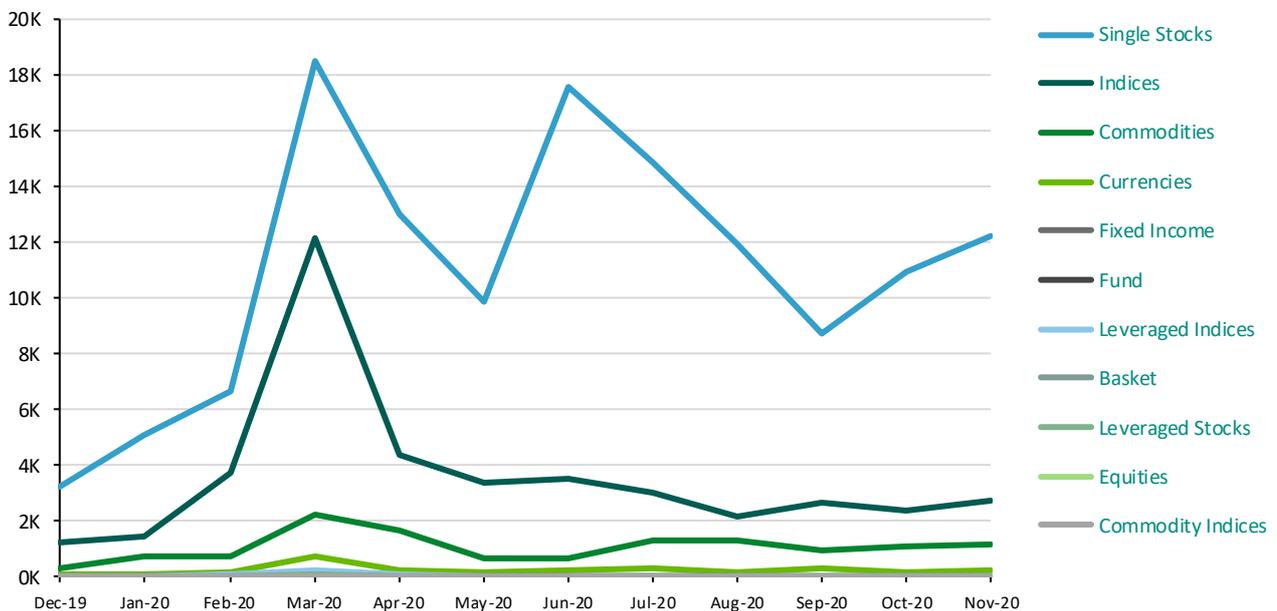
Product Trend: Number of Live Products

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

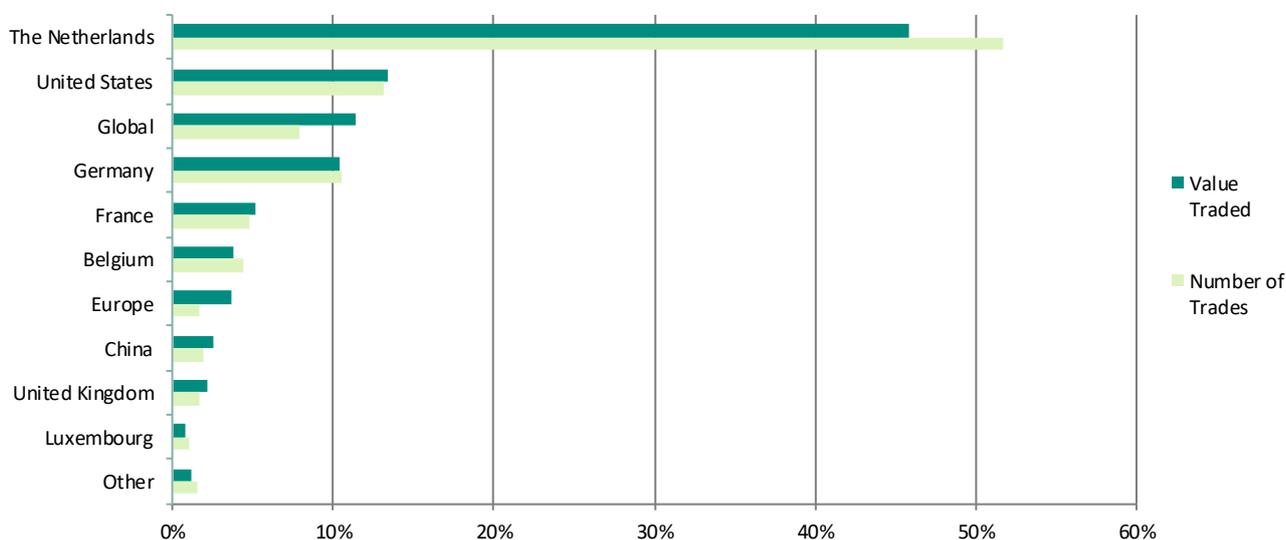
Market Overview

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	9,009	18.9%	-17.0%	45.8%	3,840	5.4%	-16.8%	51.7%
United States	2,632	-5.9%	-33%	13.4%	978	11.6%	-23%	13.2%
Global	2,245	23%	-36%	11.4%	582	13.4%	-25%	7.8%
Germany	2,034	12.4%	-13.4%	10.3%	778	12.0%	-5.0%	10.5%
France	1,015	31%	29%	5.2%	354	32%	15.8%	4.8%
Belgium	729	17.9%	-53%	3.7%	326	-14.7%	-36%	4.4%
Europe	707	22%	-55%	3.6%	123	-1.2%	-39%	1.7%
China	487	183%	436%	2.5%	137	169%	349%	1.8%
United Kingdom	429	144%	52%	2.2%	117	75%	34%	1.6%
Luxembourg	146	58%	-54%	0.7%	73	-24%	-47%	1.0%
Other	223	61%	-25%	1.1%	113	47%	11.0%	1.5%
Total	19,657	18.7%	-23.0%	100%	7,422	9.3%	-16.1%	100%

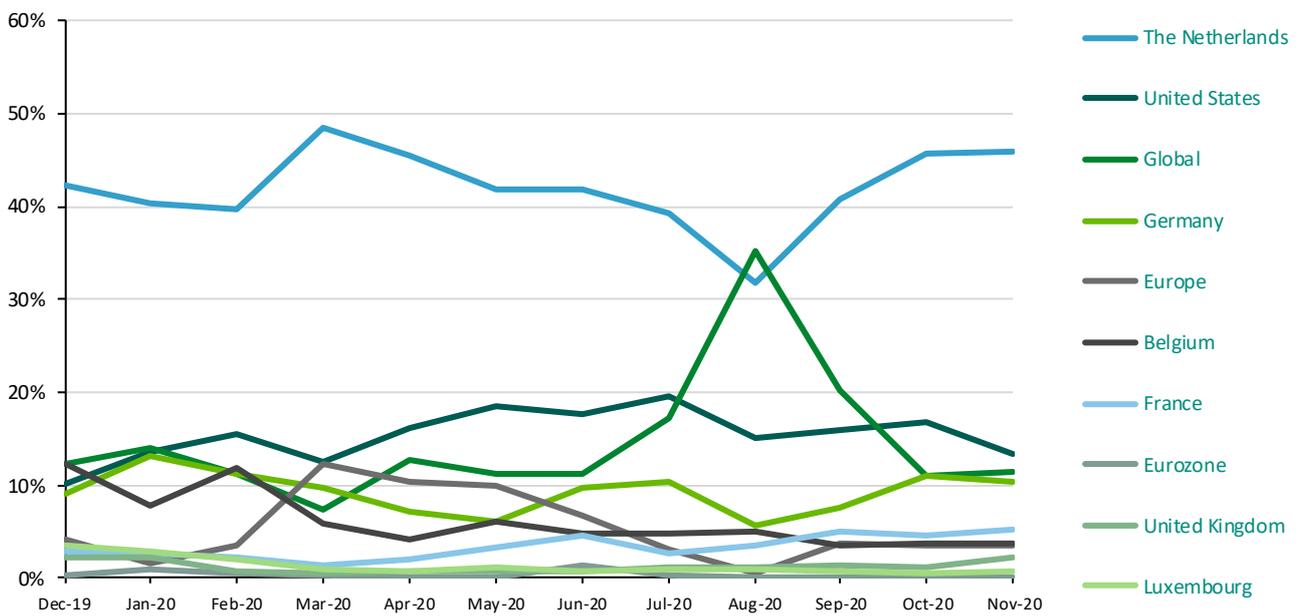
(Source Euronext)



TOP 10 UNDERLYING COUNTRIES

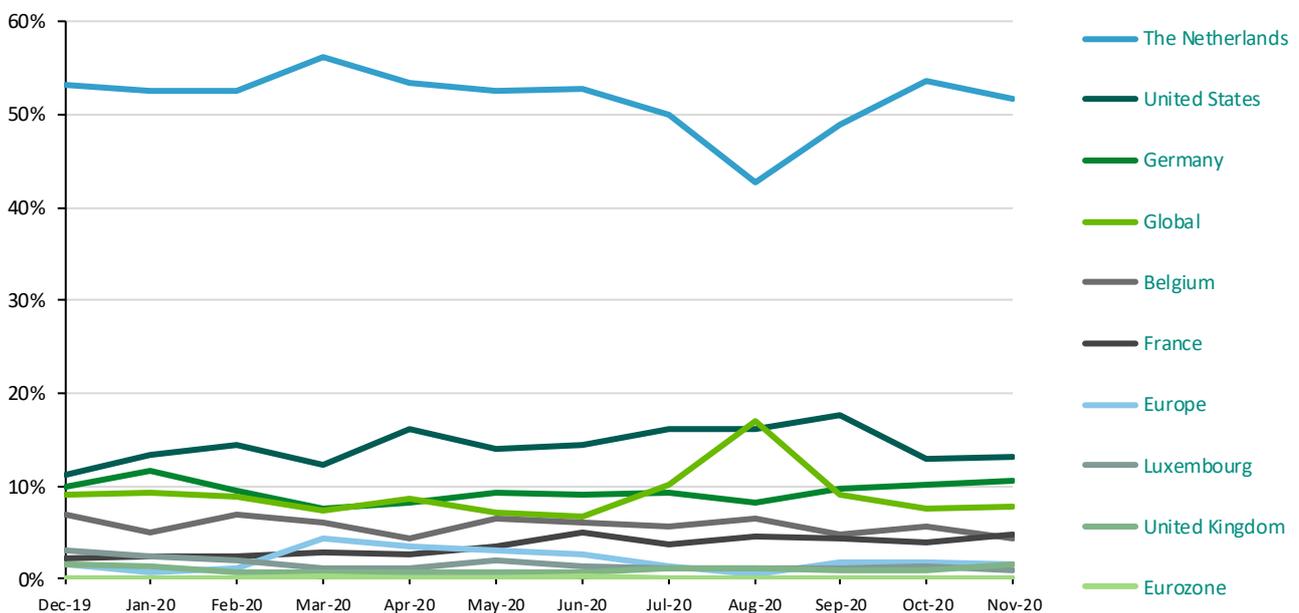
Market Trend: Value traded

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

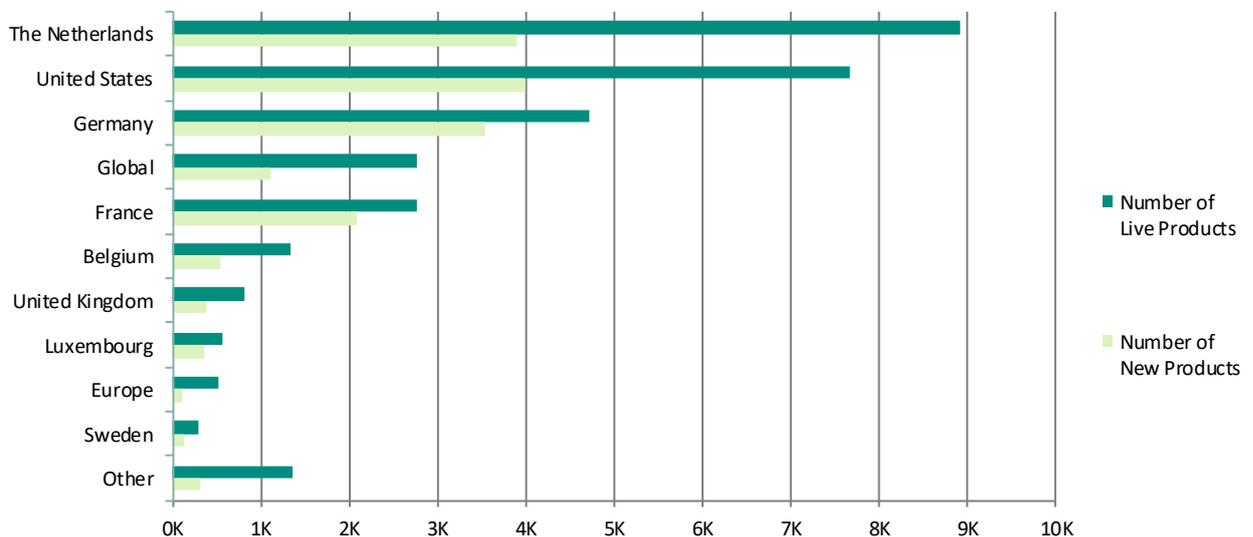
Product Overview

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	8,912	0.1%	-2.7%	28.1%	3,906	29%	-8.7%	23.7%
United States	7,664	1.1%	17.7%	24.2%	3,993	5.6%	-7.9%	24.2%
Germany	4,729	8.9%	28%	14.9%	3,532	-8.7%	15.8%	21.4%
Global	2,774	0.2%	7.9%	8.8%	1,115	3.7%	3.6%	6.8%
France	2,765	5.5%	13.5%	8.7%	2,090	28%	36%	12.7%
Belgium	1,326	2.8%	-7.6%	4.2%	545	93%	-2.6%	3.3%
United Kingdom	814	2.8%	11.5%	2.6%	379	6.2%	25%	2.3%
Luxembourg	553	3.3%	-5.0%	1.7%	348	74%	1.9%	2.1%
Europe	523	1.7%	6.3%	1.6%	108	40%	-24%	0.7%
Sweden	292	1.2%	5.3%	0.9%	136	30%	-9.4%	0.8%
Other	1,351	2.7%	7.1%	4.3%	315	39%	-9.3%	1.9%
Total	31,703	2.4%	8.8%	100%	16,467	12.5%	2.2%	100%

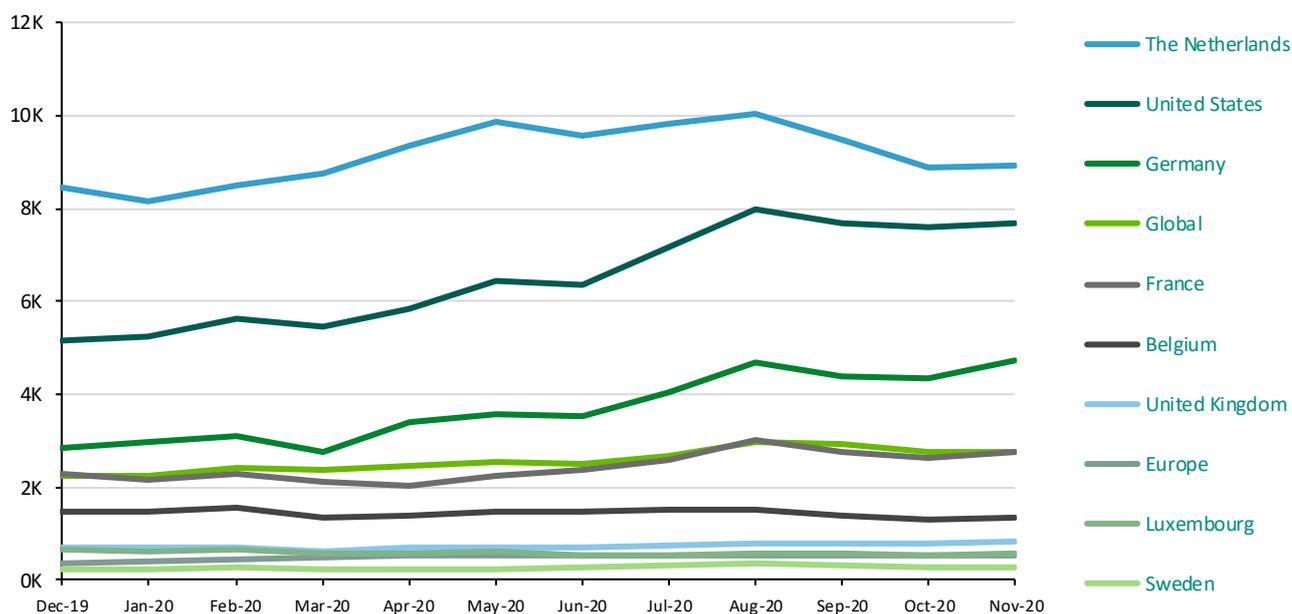
(Source Euronext)



TOP 10 UNDERLYING COUNTRIES

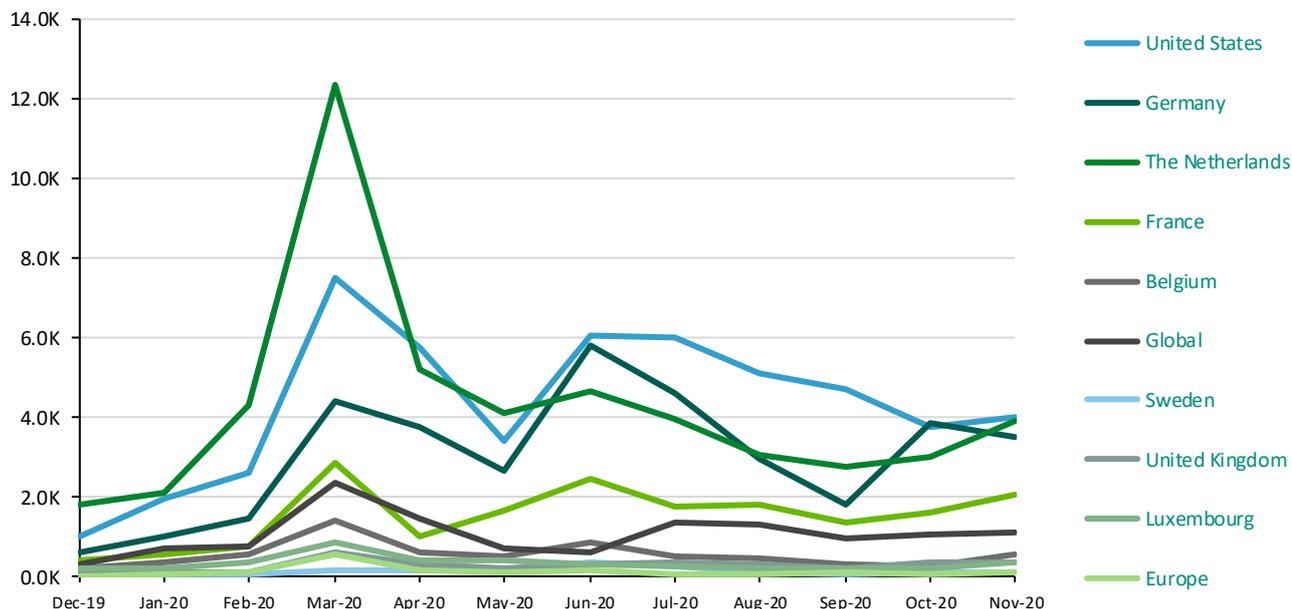
Product Trend: Number of Live Products

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

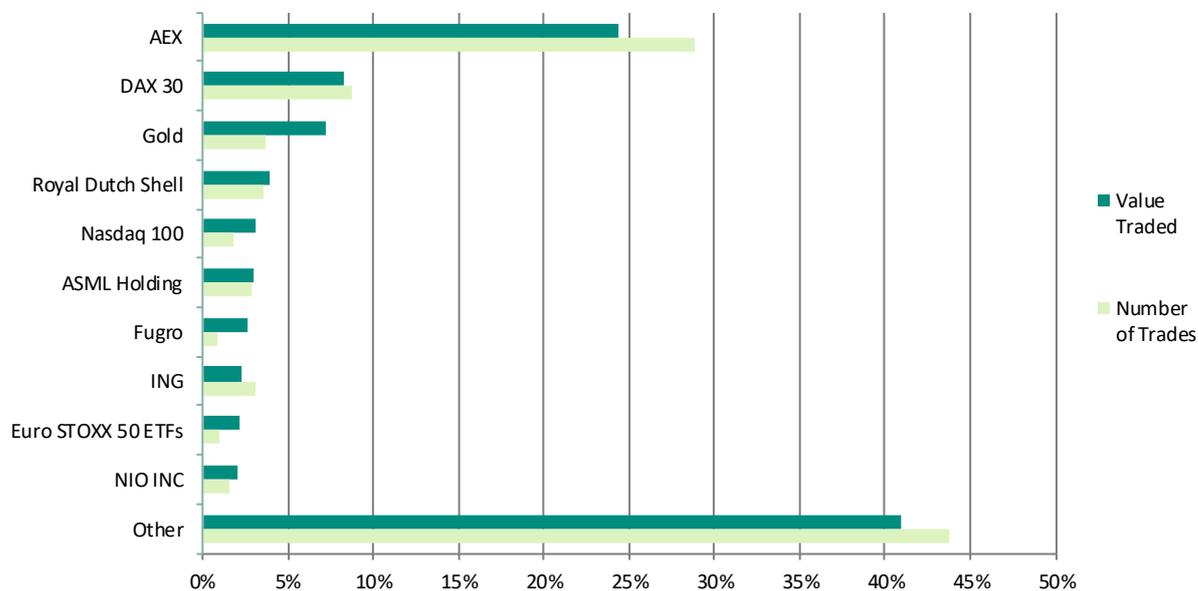
Market Overview

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	4,782	0.6%	-36%	24.3%	2,137	-6.9%	-25.9%	28.8%
DAX 30	1,626	-1.4%	-22%	8.3%	647	7.2%	-6.5%	8.7%
Gold	1,426	44%	-20%	7.3%	277	25%	-2.0%	3.7%
Royal Dutch Shell	770	36%	50%	3.9%	266	-11.0%	0.7%	3.6%
Nasdaq 100	608	-19.8%	-16.9%	3.1%	138	-30%	-42%	1.9%
ASML Holding	592	38%	-11.6%	3.0%	214	9.1%	-28%	2.9%
Fugro	509	67%	238%	2.6%	65	9.5%	15.7%	0.9%
ING	460	92%	18.8%	2.3%	232	64%	15.6%	3.1%
Euro STOXX 50 ETFs	430	-12.3%	-67%	2.2%	77	-18.0%	-46%	1.0%
NIO INC	413	336%	675%	2.1%	118	226%	531%	1.6%
Other	8,041	28%	-23%	40.9%	3,250	23%	-13.9%	43.8%
Total	19,657	18.7%	-23.0%	100%	7,422	9.3%	-16.1%	100%

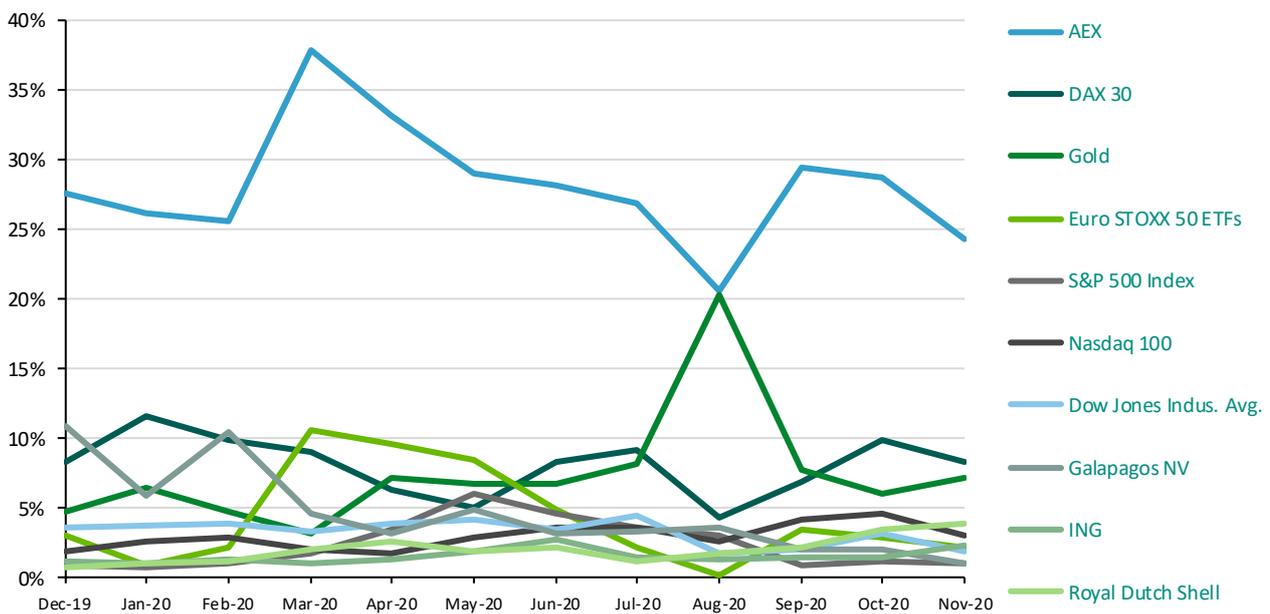
(Source Euronext)



TOP 10 UNDERLYINGS

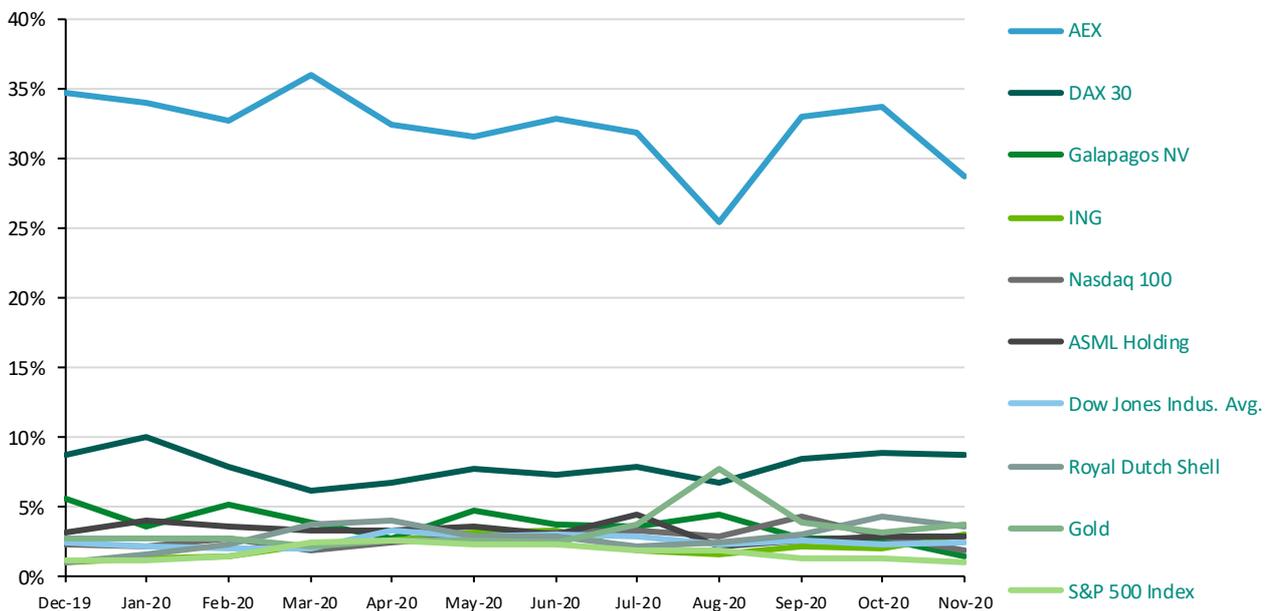
Market Trend: Value traded

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

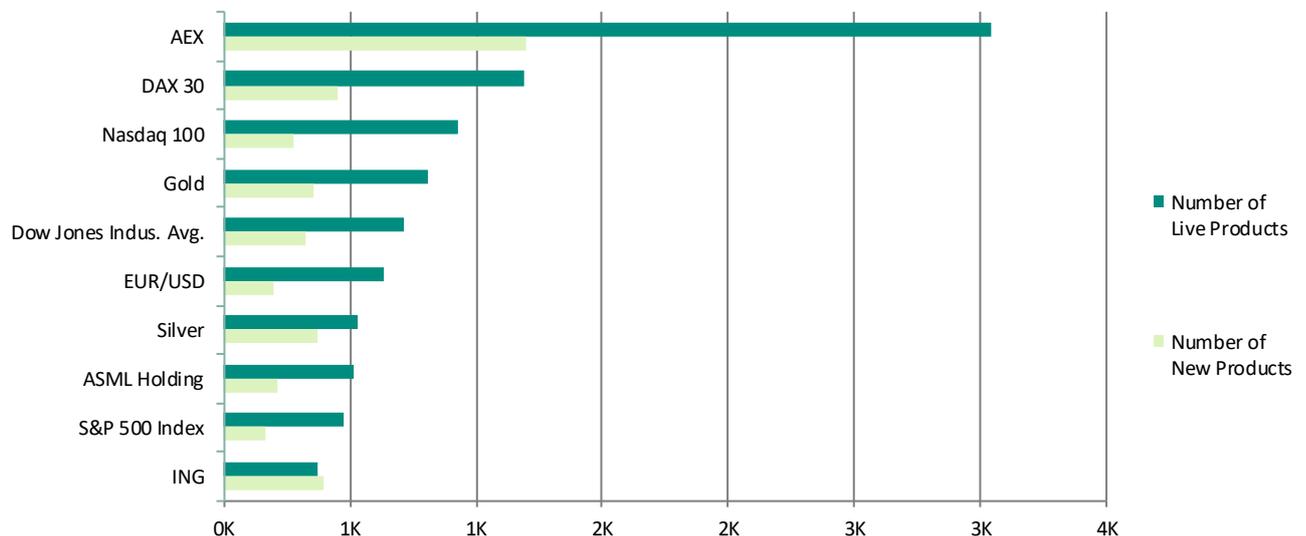
Product Overview

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	3,047	-4.7%	-5.2%	9.6%	1,195	19.0%	-25%	7.3%
DAX 30	1,192	0.0%	7.1%	3.8%	453	-20.0%	-25%	2.8%
Nasdaq 100	927	-1.5%	27%	2.9%	277	15.4%	-31%	1.7%
Gold	808	-1.6%	11.3%	2.5%	359	3.5%	32%	2.2%
Dow Jones Indus. Avg.	711	0.8%	0.1%	2.2%	327	66%	-15.9%	2.0%
EUR/USD	636	-3.4%	7.5%	2.0%	196	120%	11.5%	1.2%
Silver	530	0.8%	38%	1.7%	370	-12.3%	31%	2.2%
ASML Holding	514	5.7%	2.0%	1.6%	213	-0.9%	-25%	1.3%
S&P 500 Index	478	2.9%	5.6%	1.5%	163	24%	-19.6%	1.0%
ING	373	16.1%	19.3%	1.2%	399	60%	75%	2.4%
Other	22,487	3.9%	10.2%	70.9%	12,515	12.0%	7.1%	76.0%
Total	31,703	2.4%	8.8%	100%	16,467	12.5%	2.2%	100%

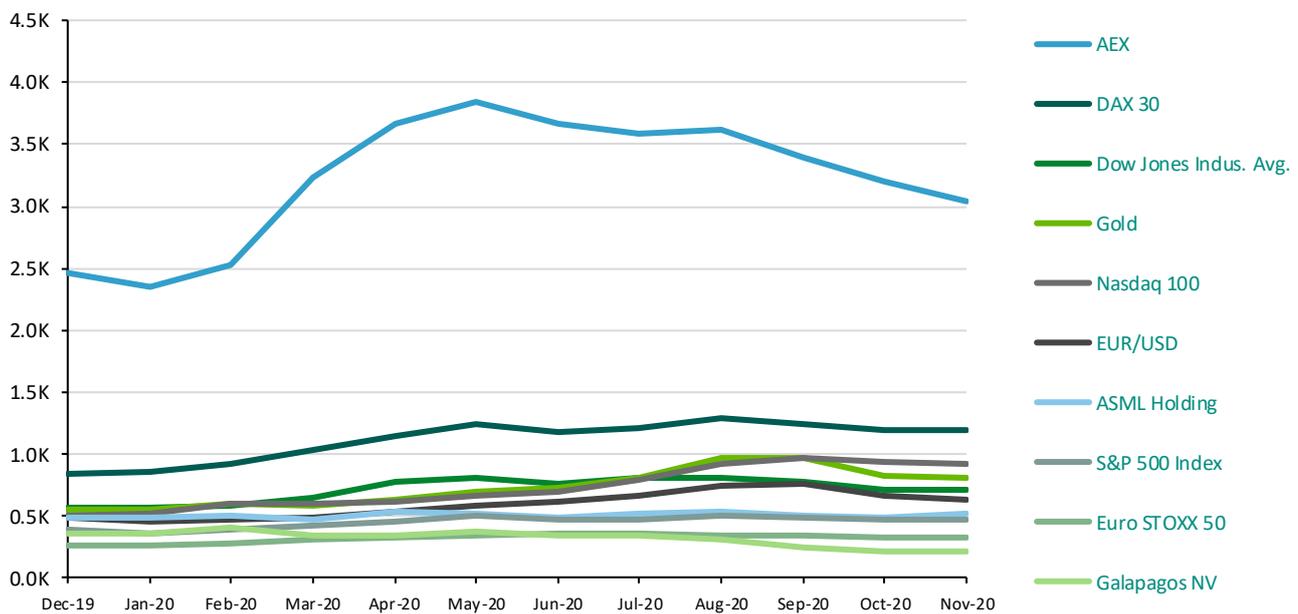
(Source Euronext)



TOP 10 UNDERLYINGS

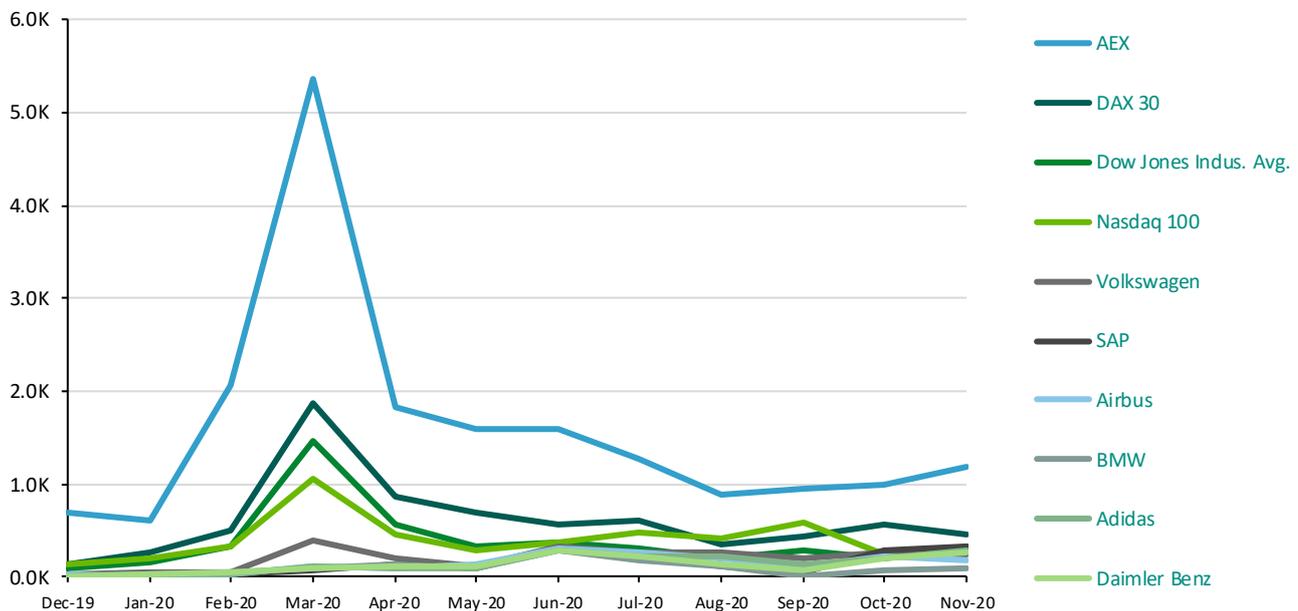
Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each top 10 underlying on 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
DE000VF8EEJ5	Vontobel	2205 Open-End Knock-Out Warrants	Gold	6,922	24
NLGS00006518	Goldman Sachs	2210 Mini-Futures	Fugro	3,829	155
DE000SD03BB1	Société Générale	2210 Mini-Futures	NIO INC	2,634	796
NL0014151854	BNP Paribas	2210 Mini-Futures	DAX 30	2,561	74
NLBPNL11PW9	BNP Paribas	2210 Mini-Futures	AEX	2,522	234
NL0015113119	BNP Paribas	2210 Mini-Futures	Gold	2,407	195
NL0015285917	ING	2100 Warrants	Euro STOXX 50 ETFs	2,391	428
NLBPNL123J7	BNP Paribas	2210 Mini-Futures	DAX 30	2,341	83
NL0014316093	BNP Paribas	2210 Mini-Futures	AEX	2,222	234
NL0014313462	BNP Paribas	2210 Mini-Futures	AEX	2,103	352
NLBPNL12AW9	BNP Paribas	2210 Mini-Futures	AEX	2,049	138
NLBPNL12379	BNP Paribas	2210 Mini-Futures	AEX	2,014	228
NLGS00006542	Goldman Sachs	2210 Mini-Futures	Fugro	1,795	75
DE000VP924V4	Vontobel	2200 Knock-Out Warrants	AEX	1,702	352
NLGS00007DQ1	Goldman Sachs	2210 Mini-Futures	Fugro	1,694	127
NL0015285891	ING	2100 Warrants	Euro STOXX 50 ETFs	1,662	319
DE000VE22DJ2	Vontobel	2205 Open-End Knock-Out Warrants	DAX 30	1,612	383
NLBPNL11VL0	BNP Paribas	2210 Mini-Futures	ASML Holding	1,605	101
NL0013203292	ING	2205 Open-End Knock-Out Warrants	ASML Holding	1,604	66
NLBPNL12AV1	BNP Paribas	2210 Mini-Futures	AEX	1,595	219
DE000VP5UWN9	Vontobel	2210 Mini-Futures	AEX	1,581	2,433
NLBPNL12AS7	BNP Paribas	2210 Mini-Futures	AEX	1,549	87
NLBPNL11M73	BNP Paribas	2210 Mini-Futures	Gold	1,538	70
NL0014854457	BNP Paribas	2210 Mini-Futures	AEX	1,536	208
NL0014152001	BNP Paribas	2210 Mini-Futures	Dow Jones Indus. Avg.	1,530	190
DE000SD1CU51	Société Générale	2210 Mini-Futures	NIO INC	1,482	396
NL0015450321	BNP Paribas	2210 Mini-Futures	Gold	1,472	117
NL0015486713	BNP Paribas	2210 Mini-Futures	DAX 30	1,455	156
NLBPNL11VE5	BNP Paribas	2210 Mini-Futures	AEX	1,453	103
NLBPNL11X54	BNP Paribas	2205 Open-End Knock-Out Warrants	AEX	1,397	118
NL0015069220	BNP Paribas	2205 Open-End Knock-Out Warrants	Unilever	1,371	61
NLBPNL12AY5	BNP Paribas	2210 Mini-Futures	DAX 30	1,358	133
NL0015486705	BNP Paribas	2210 Mini-Futures	DAX 30	1,342	238
NL0014156317	BNP Paribas	2210 Mini-Futures	AEX	1,328	110
DE000VE9SSQ9	Vontobel	2300 Constant Leverage Certificate	FTSE x8 Leverage Index	1,317	31
NLBPNL122P6	BNP Paribas	2210 Mini-Futures	Gold	1,265	9
DE000KA983J5	Citi	2210 Mini-Futures	Euro STOXX 50	1,243	58
NLBPNL11MJ3	BNP Paribas	2210 Mini-Futures	AEX	1,237	125
NL0014313439	BNP Paribas	2210 Mini-Futures	AEX	1,225	180
NLBPNL12T83	BNP Paribas	2210 Mini-Futures	Gold	1,186	7
DE000VP924M3	Vontobel	2200 Knock-Out Warrants	AEX	1,145	3,523
NL0015101049	BNP Paribas	2205 Open-End Knock-Out Warrants	ASML Holding	1,143	188
NL0013286792	BNP Paribas	2210 Mini-Futures	ASML Holding	1,120	39
NL0013990609	BNP Paribas	2210 Mini-Futures	AEX	1,096	207
NLBPNL119J5	BNP Paribas	2210 Mini-Futures	DAX 30	1,079	303
NLBPNL11Q61	BNP Paribas	2210 Mini-Futures	Nasdaq 100	1,057	105
DE000SD0VDM9	Société Générale	2210 Mini-Futures	NIO INC	1,056	342
NL0014692212	Goldman Sachs	2210 Mini-Futures	AEX	1,048	1,119
NLBPNL10R20	BNP Paribas	2205 Open-End Knock-Out Warrants	Prosus	1,037	257
NLBPNL11IU8	BNP Paribas	2210 Mini-Futures	Unibail-Rodamco	1,035	93

(Source Euronext)



Interbolsa Instruments

ISSUERS

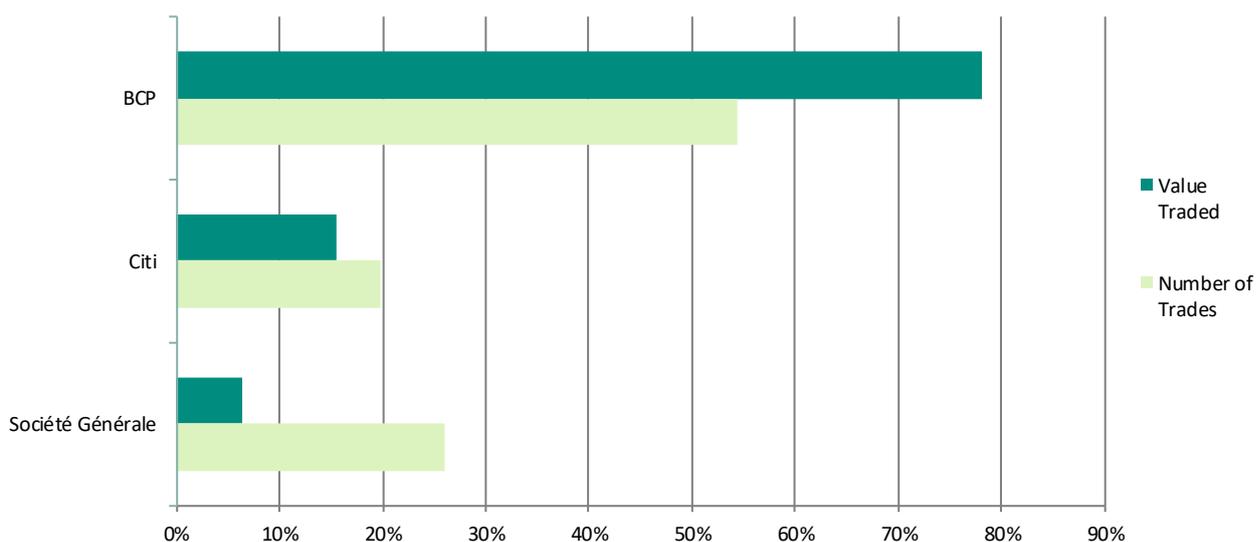
Market Overview

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	2,114	53%	-17.4%	78.1%	144	46.5%	-20.4%	54.3%
Citi	422	89%	73%	15.6%	52	16.8%	-3.6%	19.7%
Société Générale	172	-29%	-13.3%	6.3%	69	-3.1%	1.2%	26.0%
Total	2,708	46.2%	-11.3%	100%	264	23.9%	-17.9%	100%

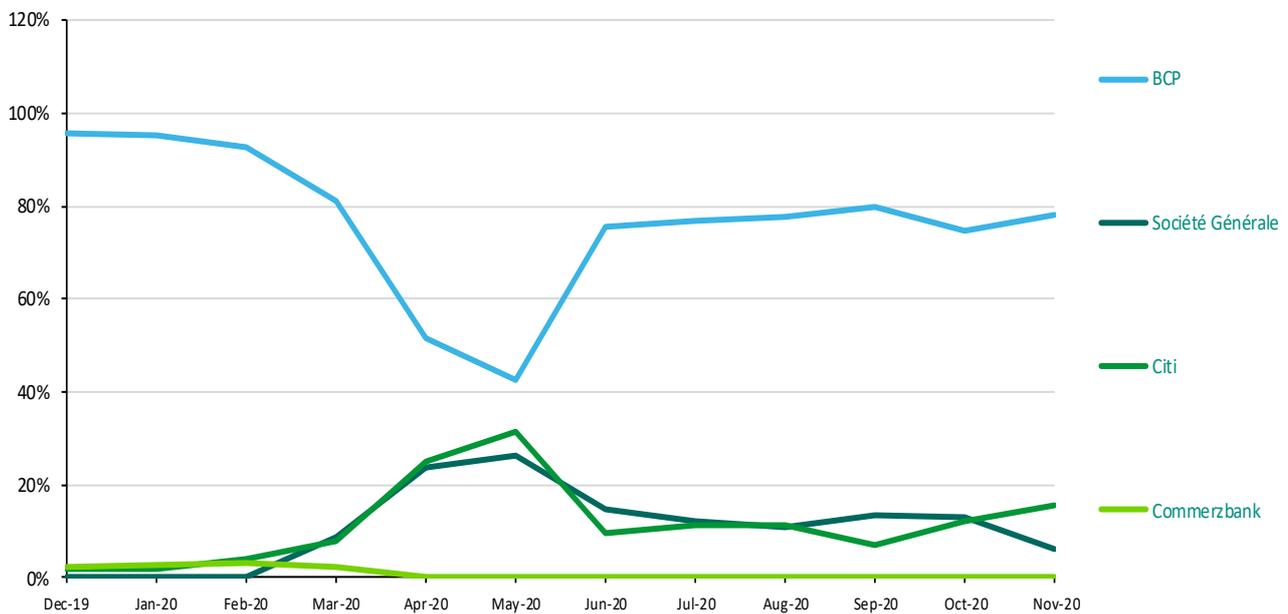
(Source Euronext)



ISSUERS

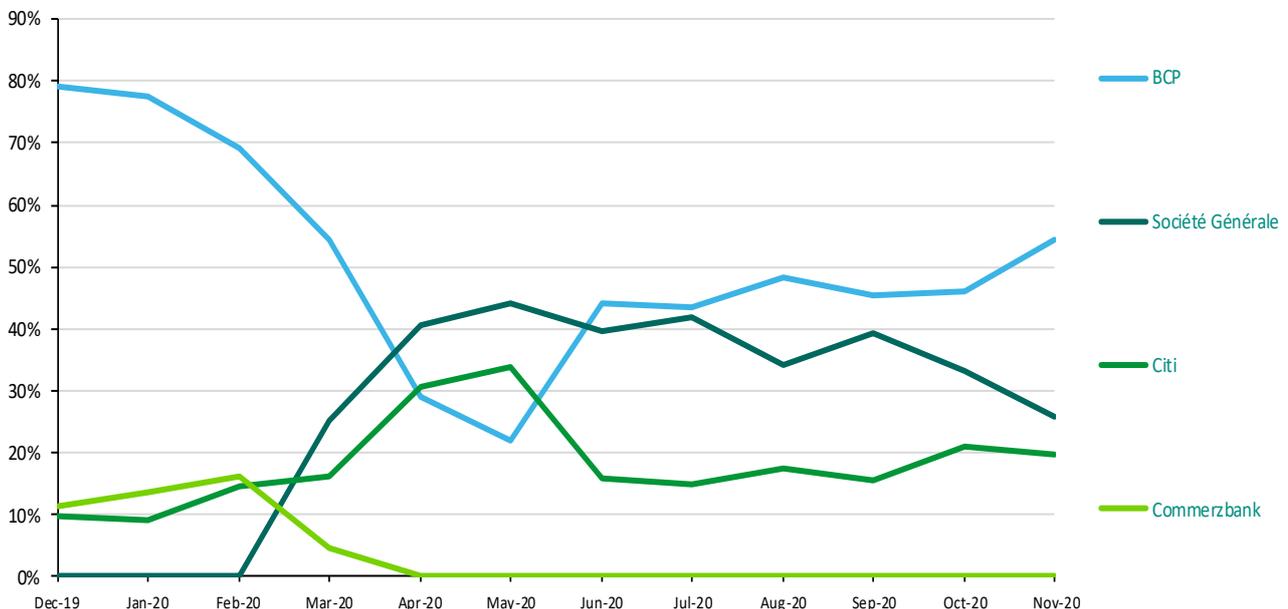
Market Trend: Value traded

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

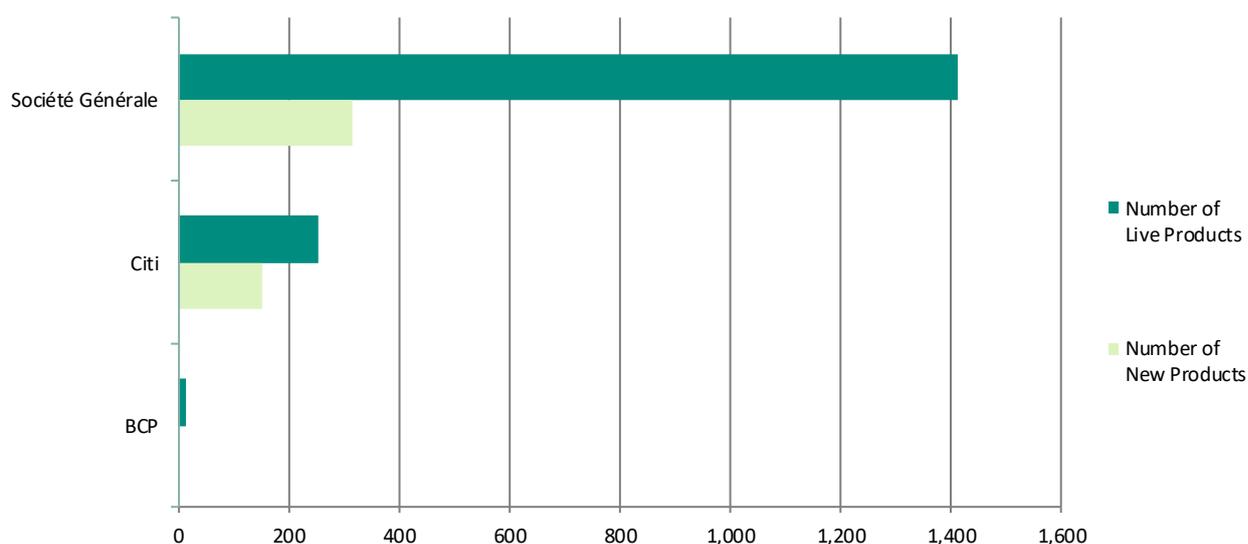
Product Overview

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	1,412	19.1%	82%	84.1%	314	-43%	2.9%	67.4%
Citi	253	10.9%	-13.6%	15.1%	152	28%	15.2%	32.6%
BCP	14	-10.7%	-14.5%	0.8%	0		-100%	0.0%
Total	1,679	17.5%	16.9%	100%	466	-30.8%	-3.7%	100%

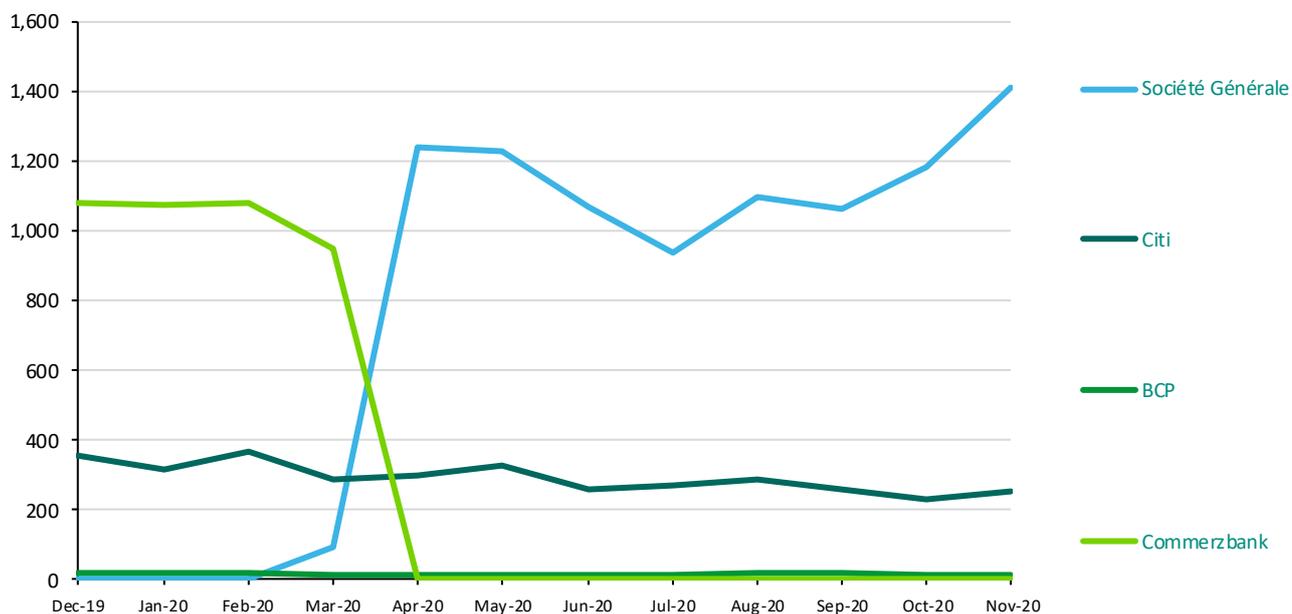
(Source Euronext)



ISSUERS

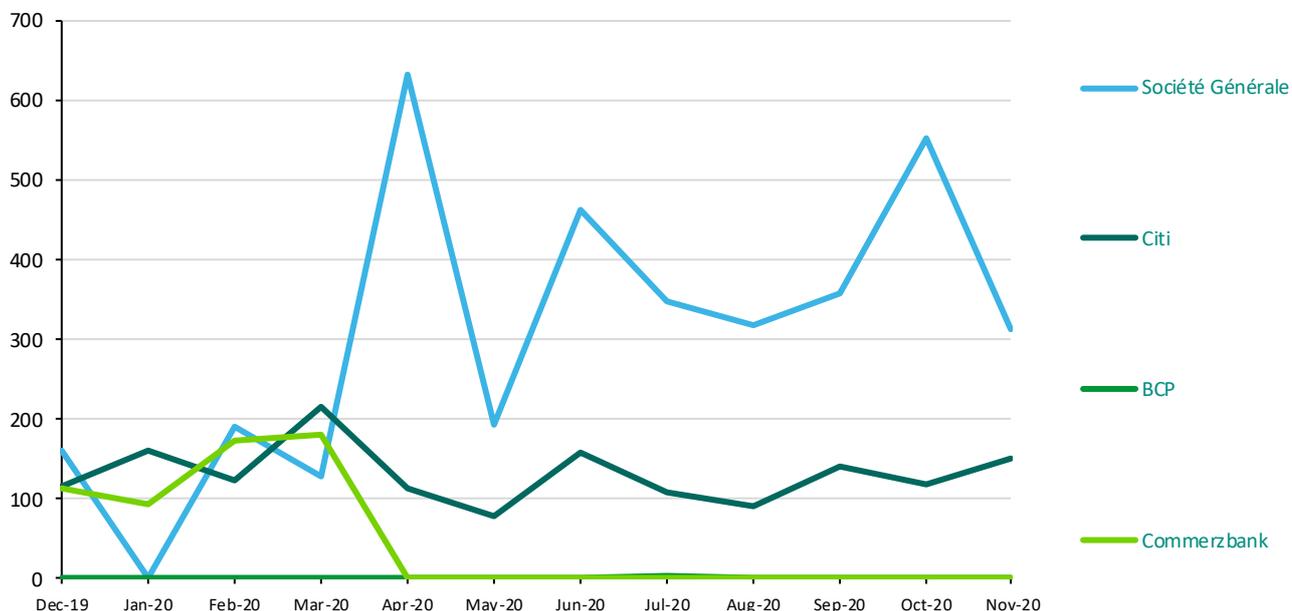
Product Trend: Number of Live Products

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 (EUSIPA¹ CATEGORIZATION LEVEL 2)

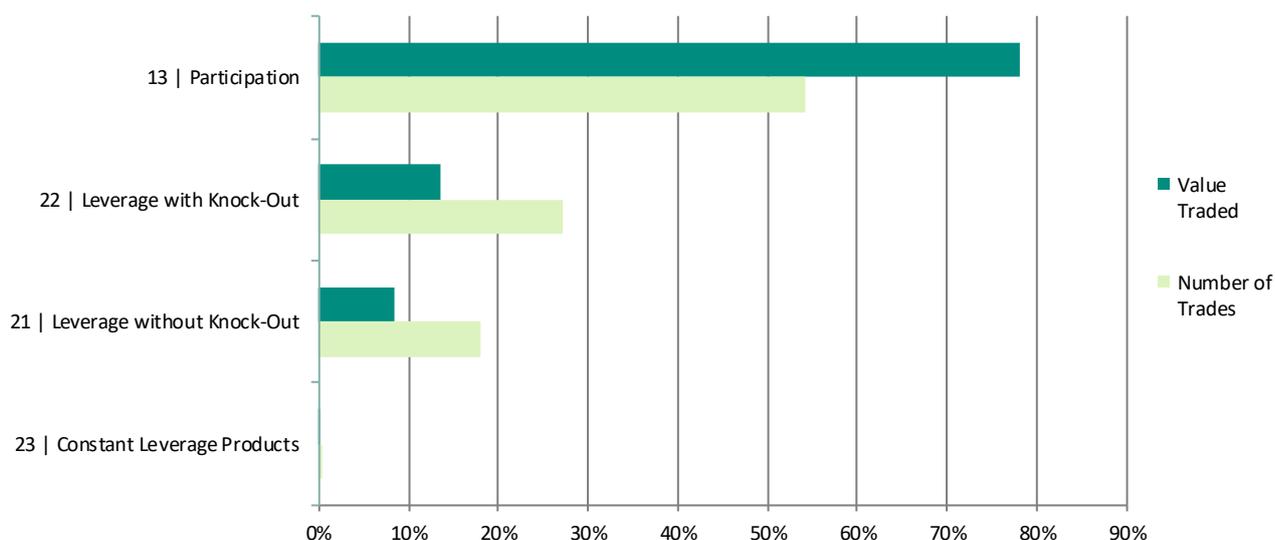
Market Overview

The table below displays the daily averages of value traded and number of trades per product type (EUSIPA¹ 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	2,114	53%	-17.4%	78.1%	144	46.5%	-20.4%	54.3%
22 Leverage with Knock-Out	365	24%	3.9%	13.5%	72	-16.8%	-22.3%	27.1%
21 Leverage without Knock-Out	227	34%	73%	8.4%	48	75.4%	3.2%	18.1%
23 Constant Leverage Products	2	-22%	-79%	0.1%	1.1	-42.6%	-60.9%	0.4%
Total	2,708	46.2%	-11.3%	100%	264	23.9%	-17.9%	100%

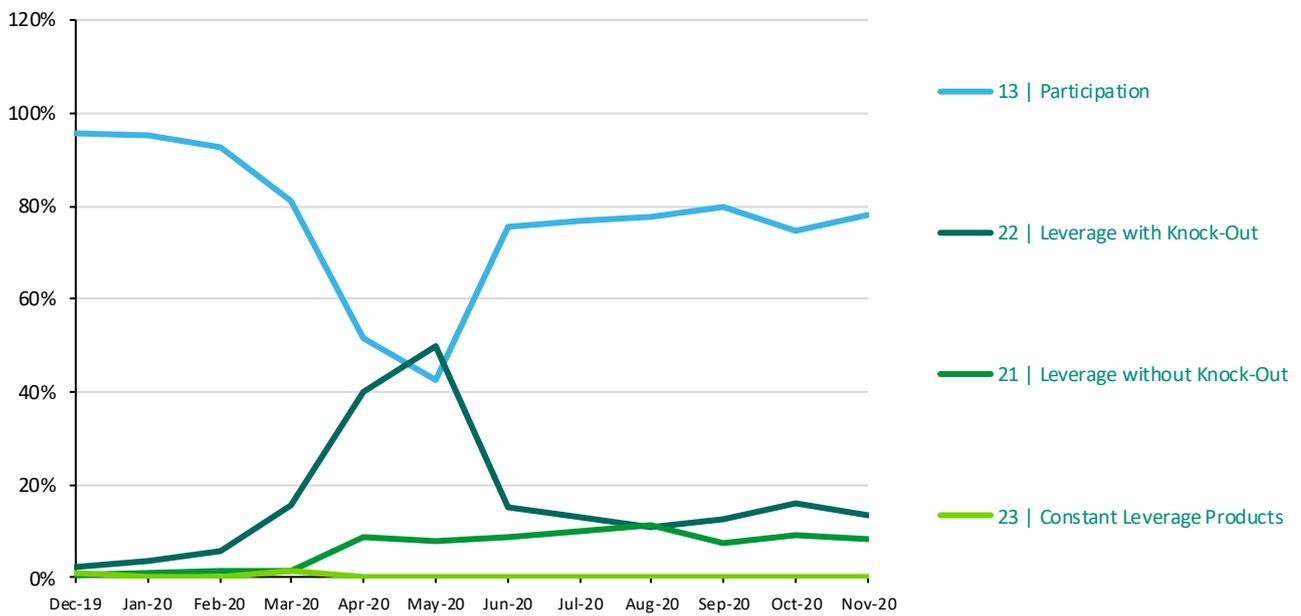
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

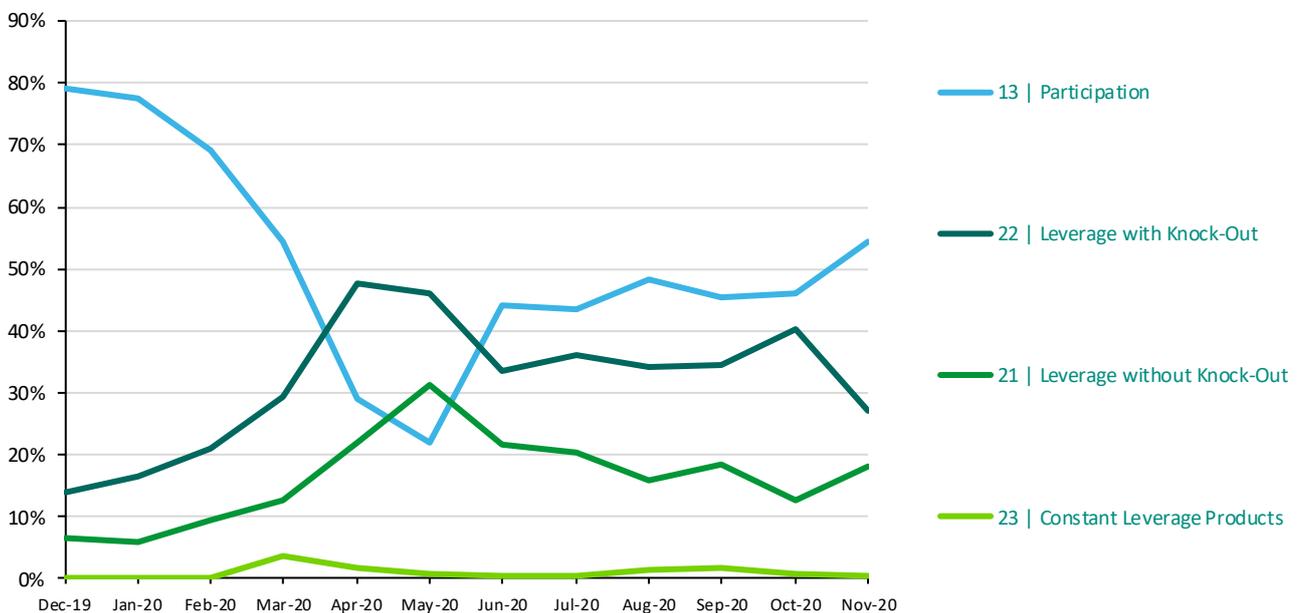
Market Trend: Value traded

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 (EUSIPA¹ CATEGORIZATION LEVEL 2)

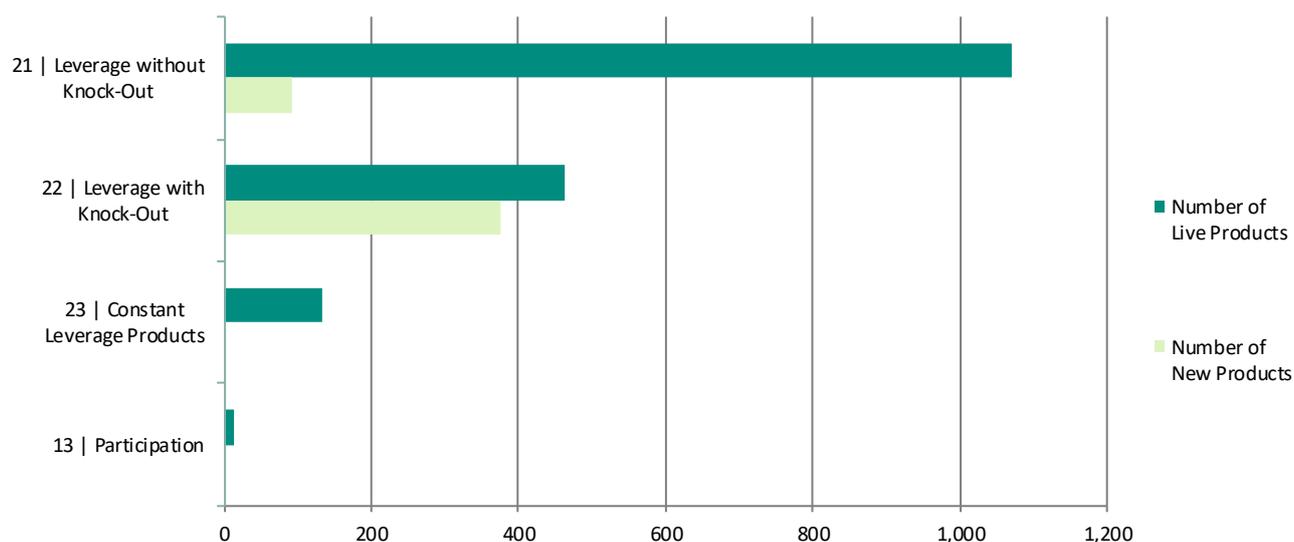
Product Overview

The table below displays the daily averages of value traded and number of trades per product type (EUSIPA¹ 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	1,071	22%	28%	63.8%	91	-75%	-23%	19.5%
22 Leverage with Knock-Out	462	16.1%	-4.0%	27.5%	375	21%	4.9%	80.5%
23 Constant Leverage Products	132	-3.1%	27%	7.9%	0		-100%	0.0%
13 Participation	14	-10.7%	-14.5%	0.8%	0		-100%	0.0%
Total	1,679	17.5%	16.9%	100%	466	-30.8%	-3.7%	100%

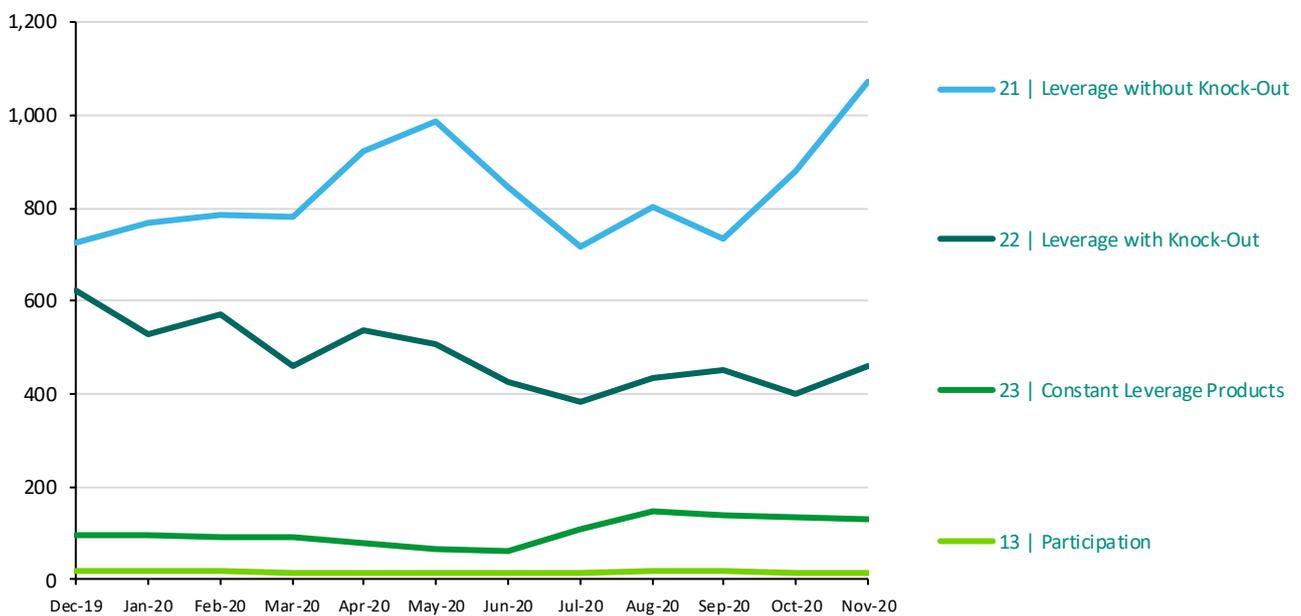
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

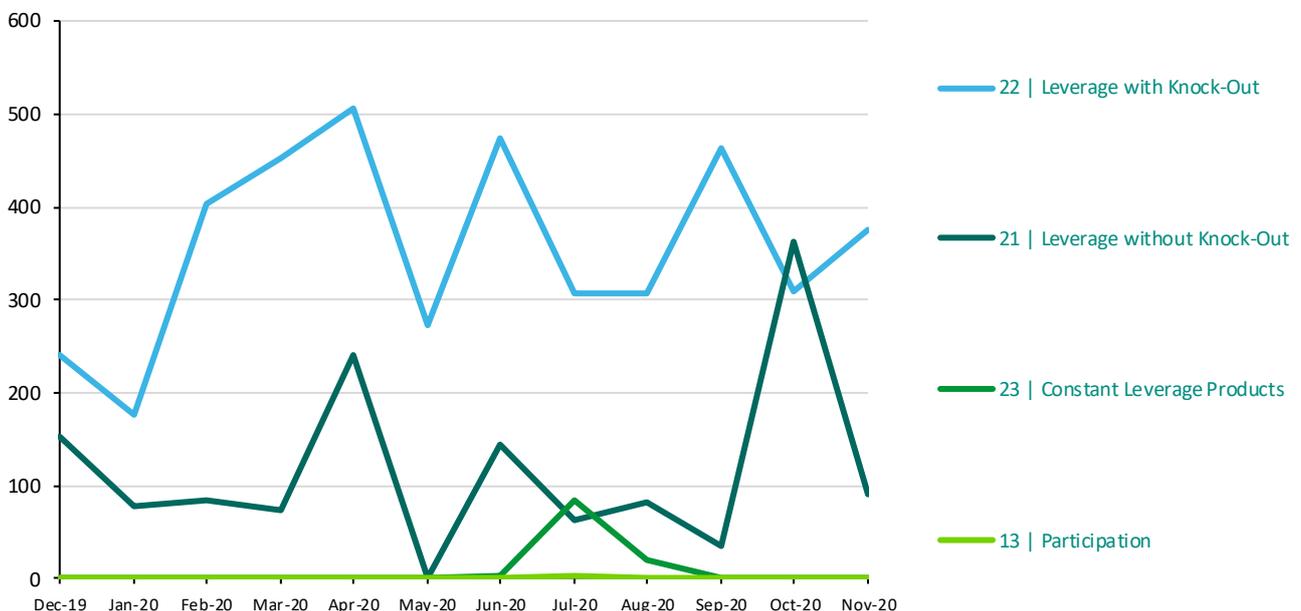
Product Trend: Number of Live Products

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 (EUSIPA¹ CATEGORIZATION LEVEL 3)

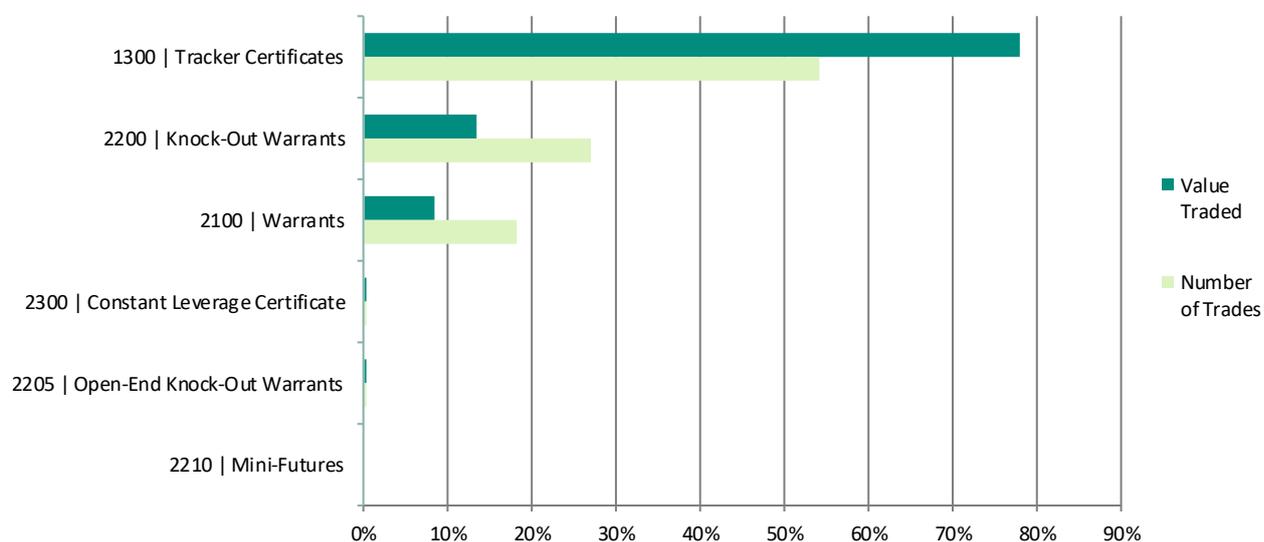
Market Overview

The table below displays the daily averages of value traded and number of trades per product type (EUSIPA¹ 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	2,114	53%	-17.4%	78.1%	144	46.5%	-20.4%	54.3%
2200 Knock-Out Warrants	365	24%	4.2%	13.5%	71	-16.8%	-22%	27.0%
2100 Warrants	227	34%	73%	8.4%	48	75%	3.2%	18.1%
2300 Constant Leverage Certificate	2	-22%	-79%	0.1%	1.1	-43%	-61%	0.4%
2205 Open-End Knock-Out Warrants	0	25%	-71%	0.0%	0.3	-10.2%	-49%	0.1%
2210 Mini-Futures	0			0.0%	0.0			0.0%
Total	2,708	46.2%	-11.3%	100%	264	23.9%	-17.9%	100%

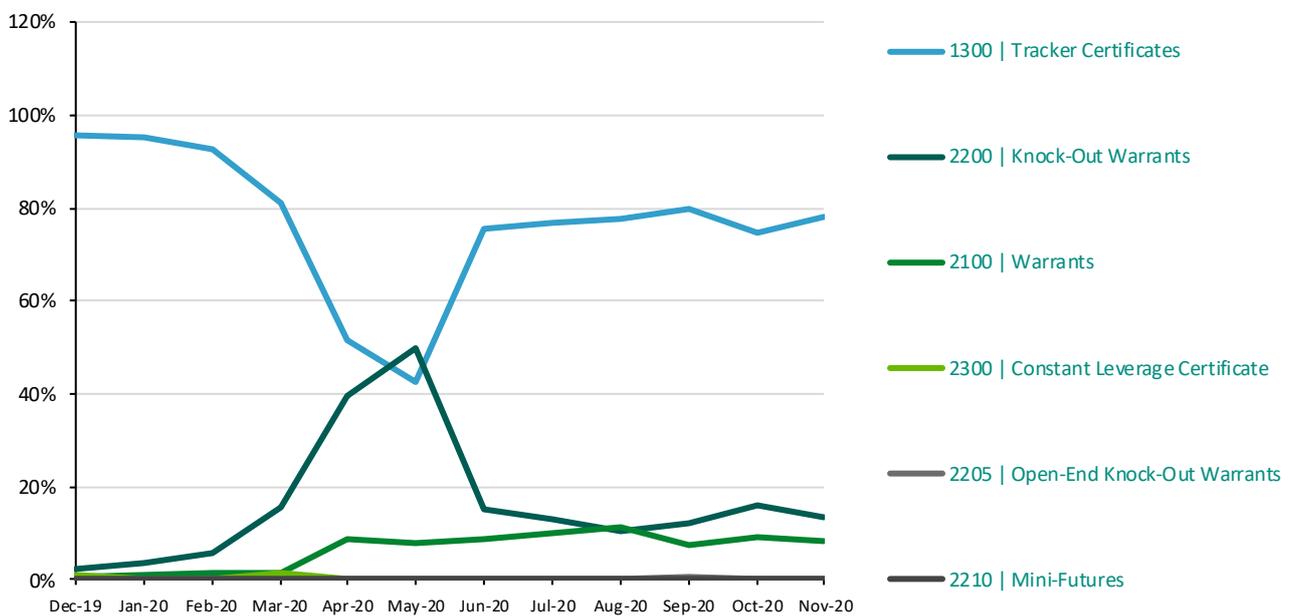
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

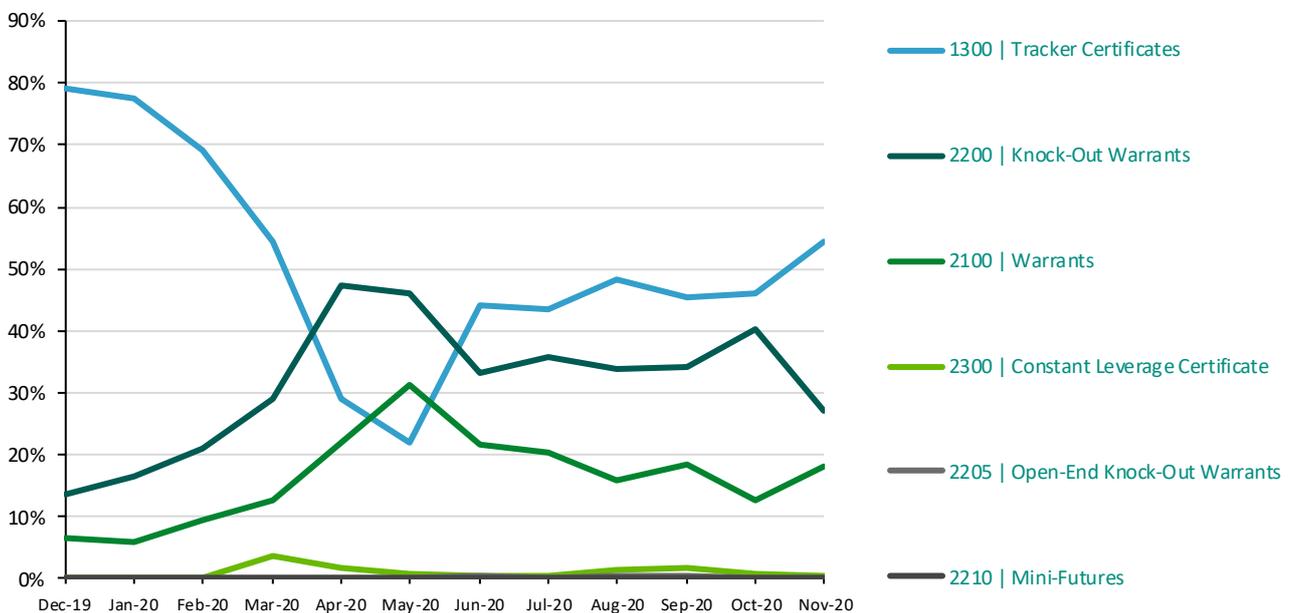
Market Trend: Value traded

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 (EUSIPA¹ CATEGORIZATION LEVEL 3)

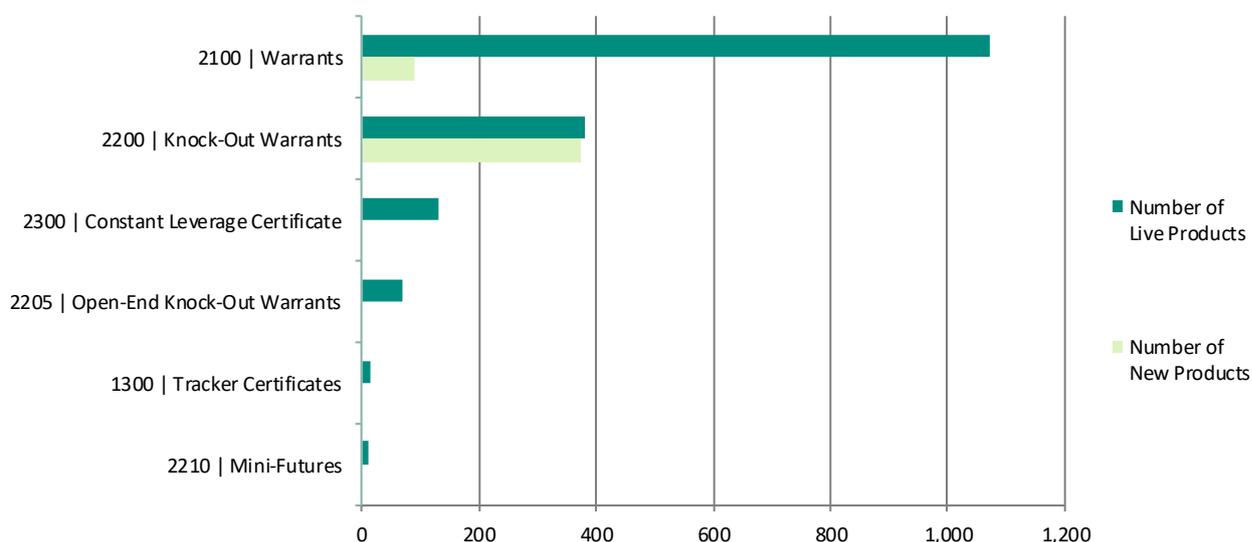
Product Overview

The table below displays the daily averages of value traded and number of trades per product type (EUSIPA¹ 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	1,071	22%	28%	63.8%	91	-75%	-23%	19.5%
2200 Knock-Out Warrants	381	21%	8.5%	22.7%	375	21%	8.8%	80.5%
2300 Constant Leverage Certificate	132	-3.1%	27%	7.9%	0		-100%	0.0%
2205 Open-End Knock-Out Warrants	71	-1.6%	-41%	4.2%	0		-100%	0.0%
1300 Tracker Certificates	14	-10.7%	-14.5%	0.8%	0		-100%	0.0%
2210 Mini-Futures	10	0.0%	-7.2%	0.6%	0			0.0%
Total	1,679	17.5%	16.9%	100%	466	-30.8%	-3.7%	100%

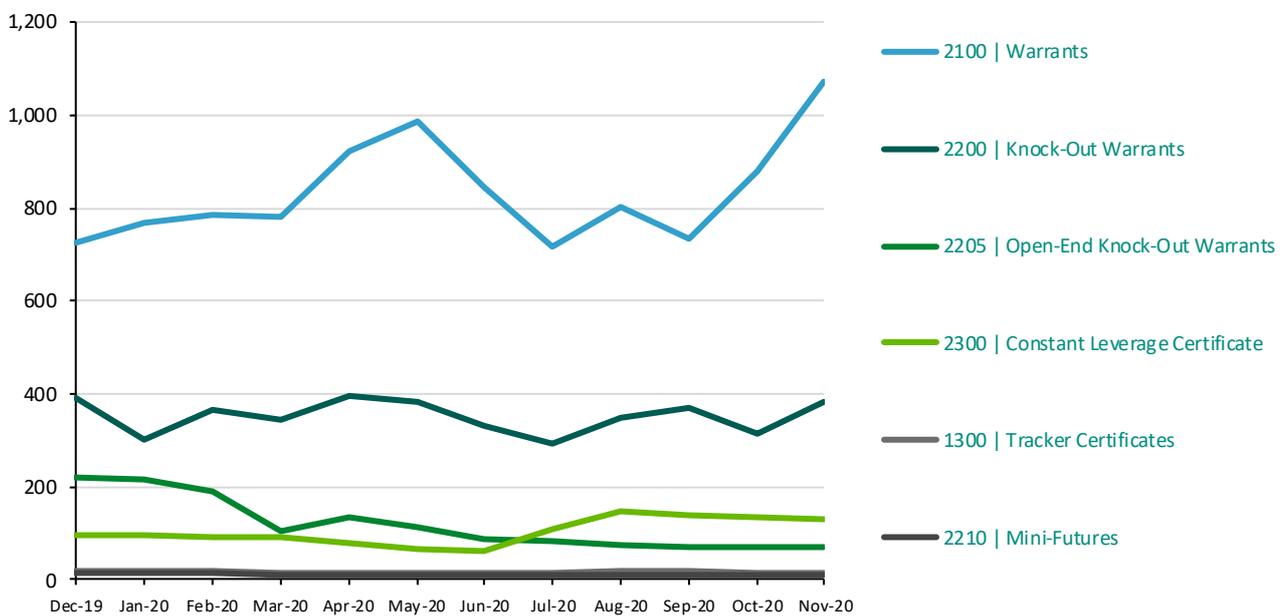
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

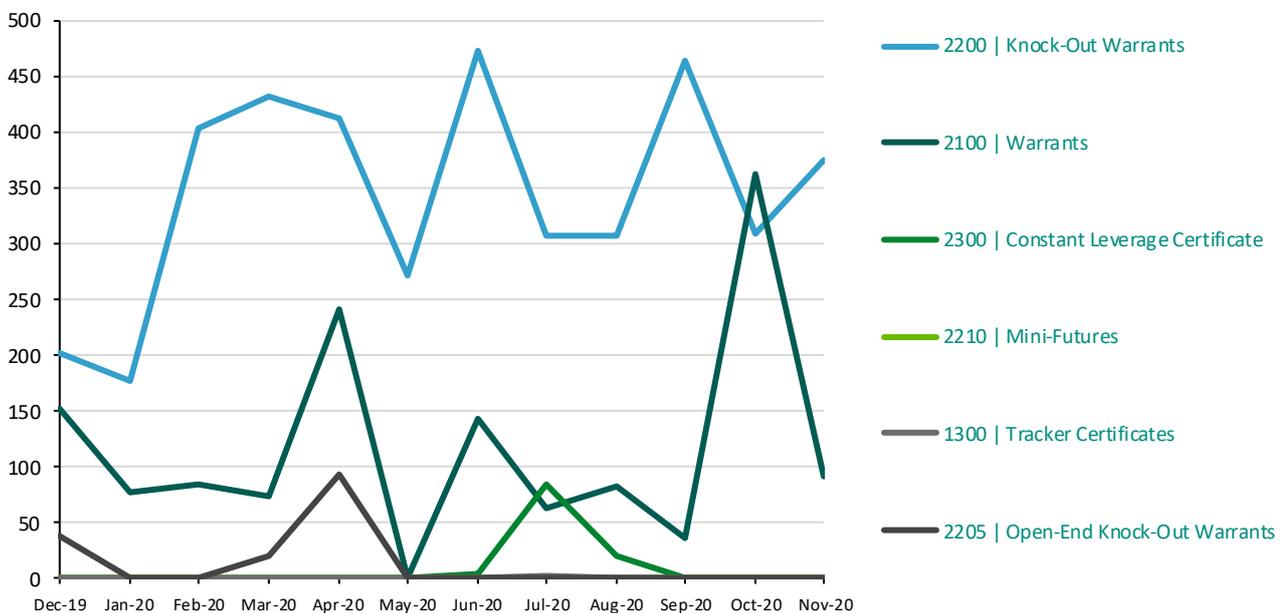
Product Trend: Number of Live Products

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

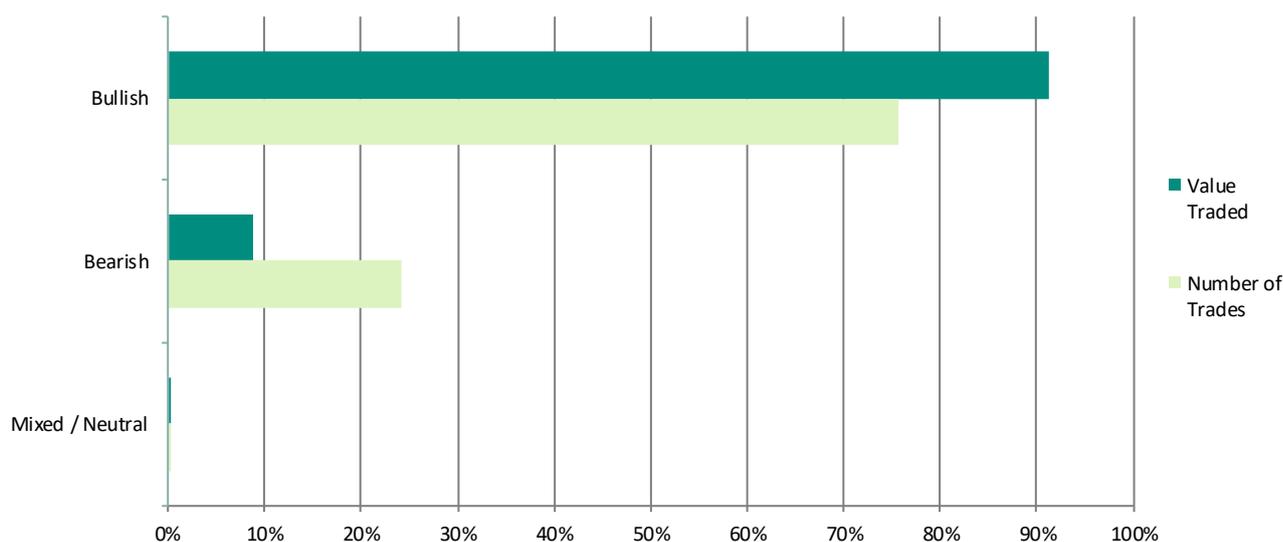
Market Overview

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	2,470	46%	-11.9%	91.2%	200	20.1%	-19.6%	75.7%
Bearish	236	43%	-0.8%	8.7%	64	37%	-10.0%	24.1%
Mixed / Neutral	2	76%	-83%	0.1%	0.5	110%	-77%	0.2%
Total	2,708	46.2%	-11.3%	100%	264	23.9%	-17.9%	100%

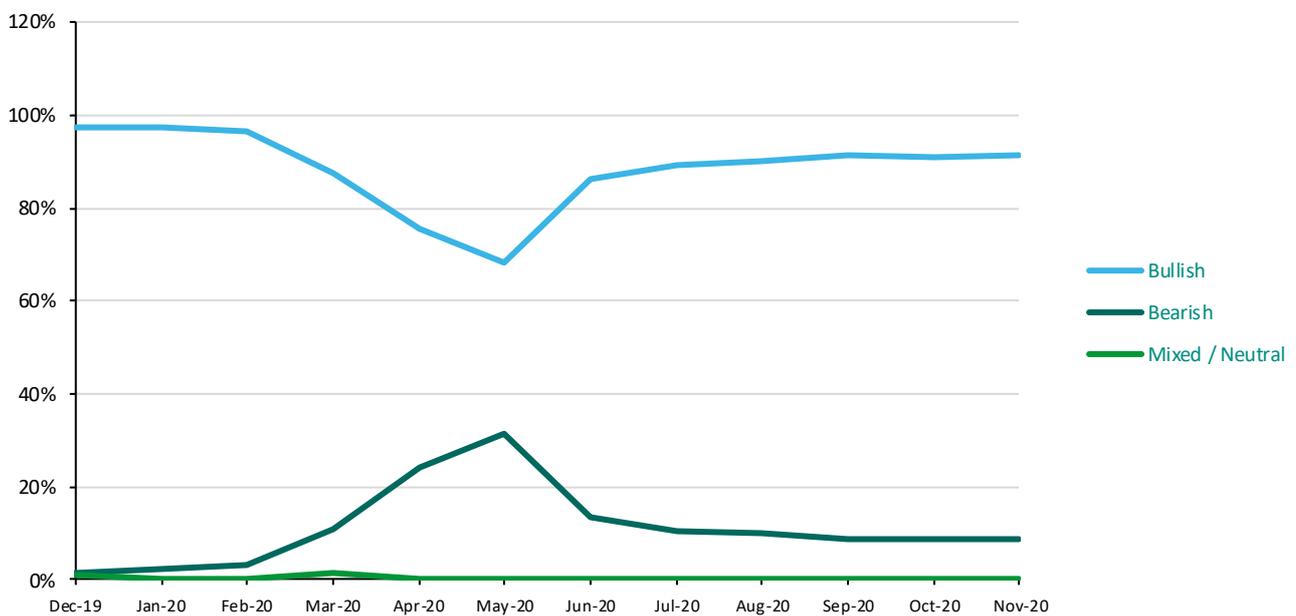
(Source Euronext)



PRODUCT STRATEGIES

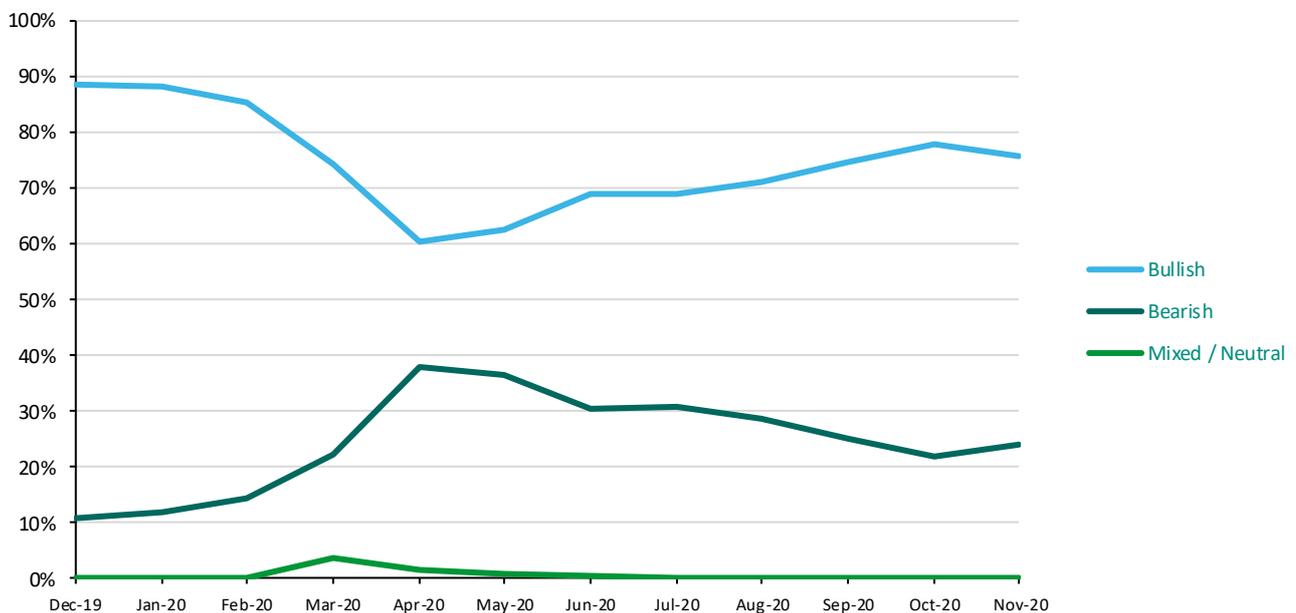
Market Trend: Value traded

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

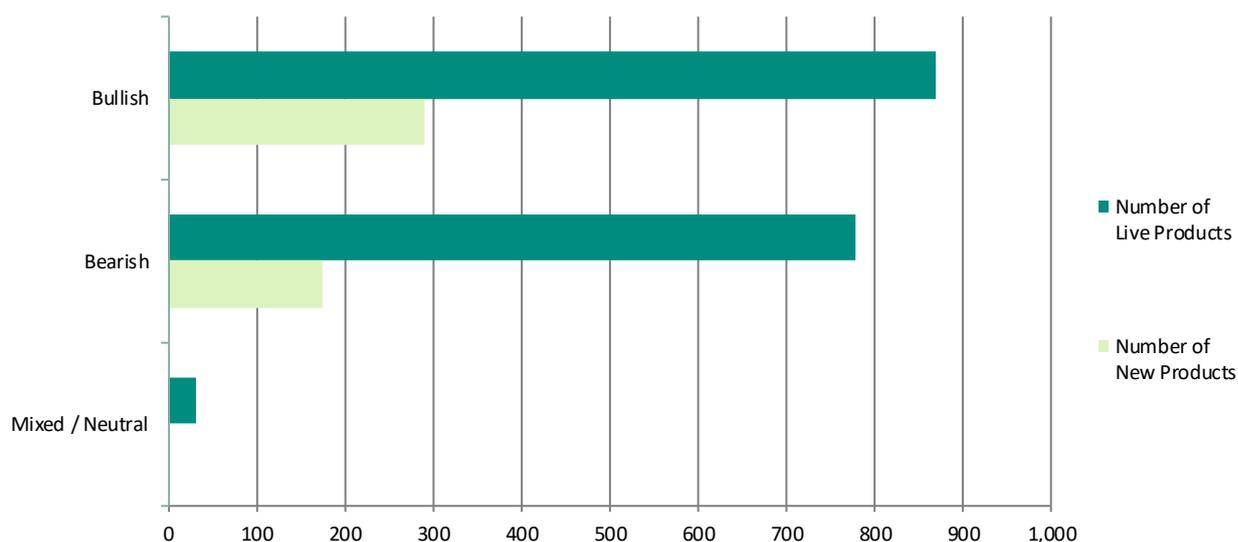
Product Overview

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	870	24%	22%	51.8%	291	-16.1%	14.4%	62.4%
Bearish	778	12.1%	18.5%	46.3%	175	-46%	-24%	37.6%
Mixed / Neutral	32	-3.1%	-51%	1.9%	0			0.0%
Total	1,679	17.5%	16.9%	100%	466	-30.8%	-3.7%	100%

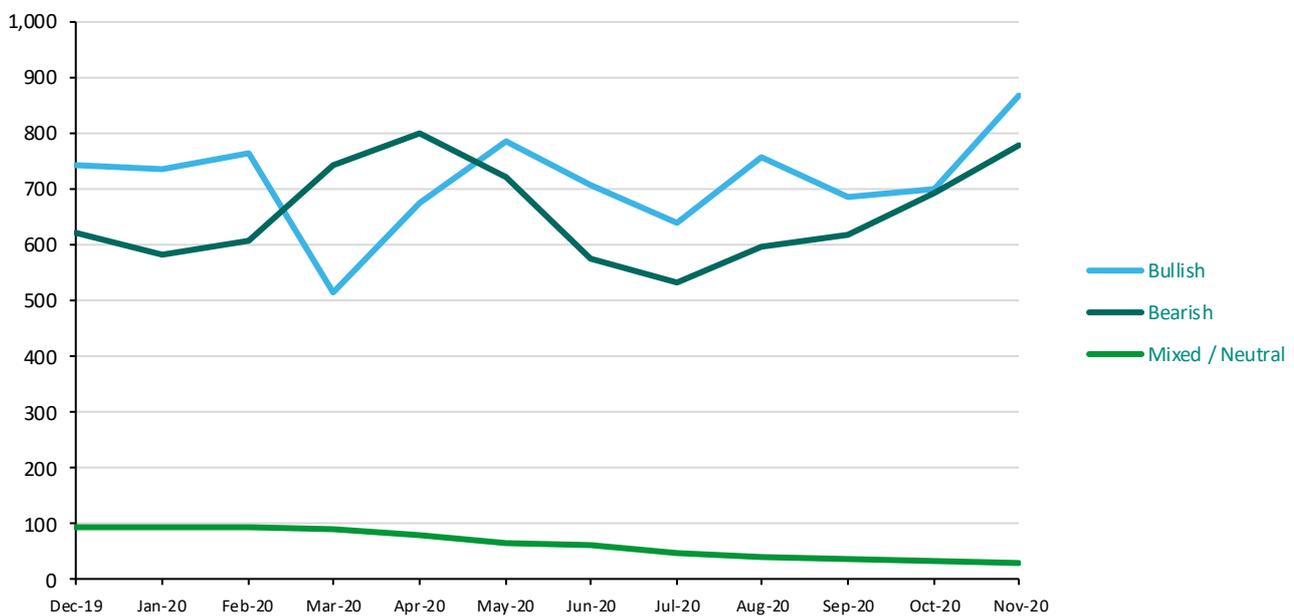
(Source Euronext)



PRODUCT STRATEGIES

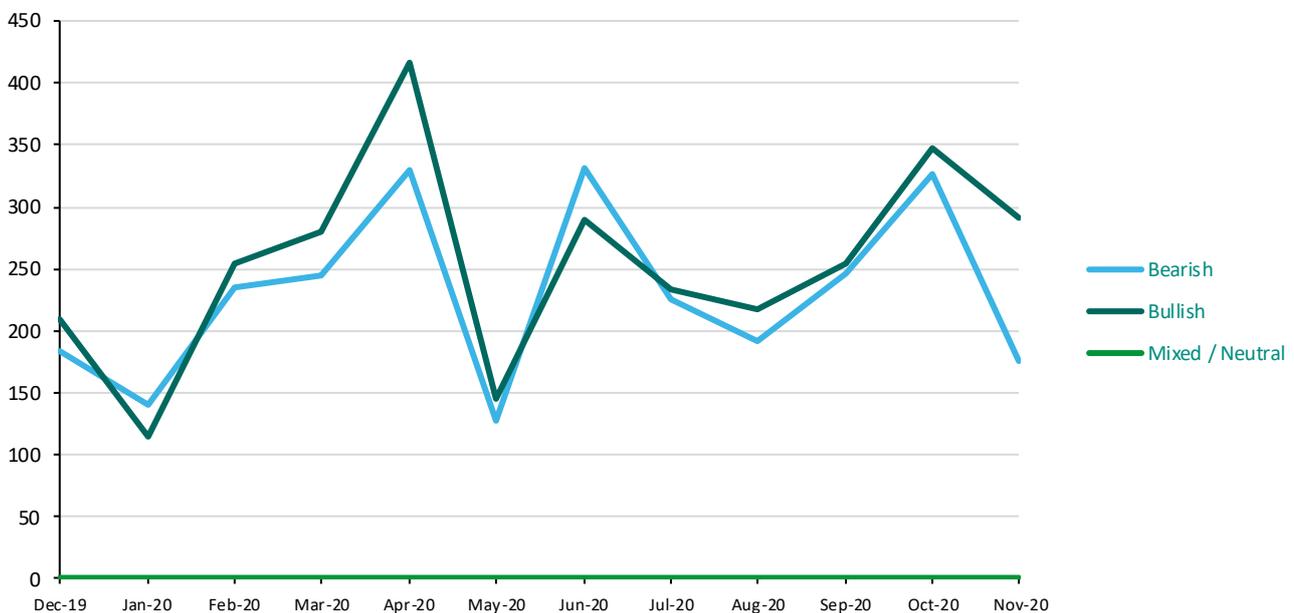
Product Trend: Number of Live Products

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



Product Trend: Number of New Products

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



UNDERLYING TYPES

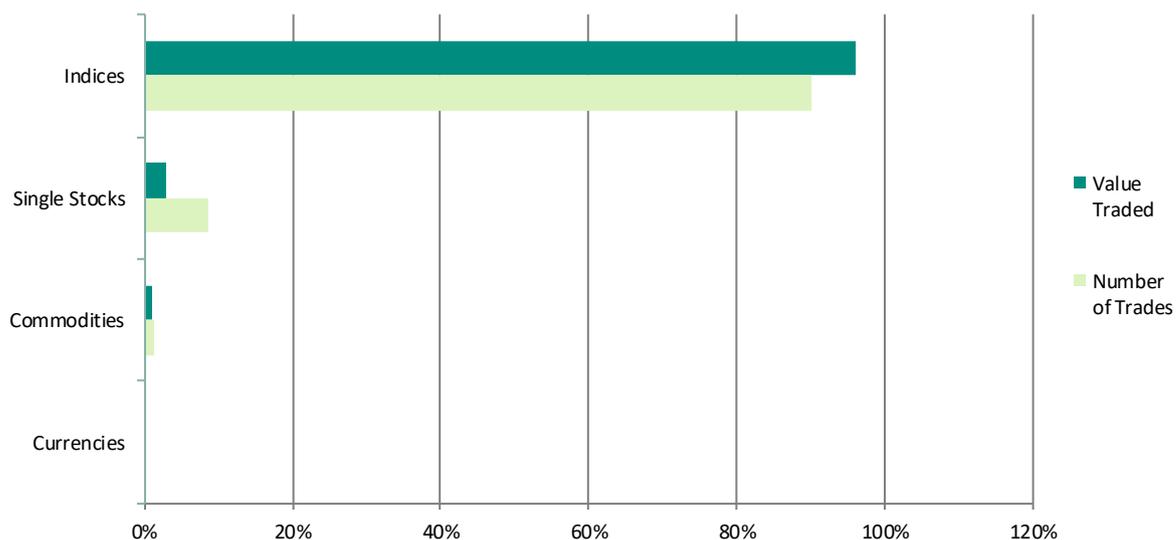
Market Overview

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

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

Underlying Types	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
Indices	2,602	47%	-11.4%	96.1%	238	22.6%	-18.0%	90.1%
Single Stocks	81	43%	1.2%	3.0%	23	43.2%	-17.1%	8.6%
Commodities	25	-15.2%	-34%	0.9%	3.3	6.3%	-15.3%	1.3%
Currencies	0		-100%	0.0%	0.0		-100.0%	0.0%
Total	2,708	46.2%	-11.3%	100%	264	23.9%	-17.9%	100%

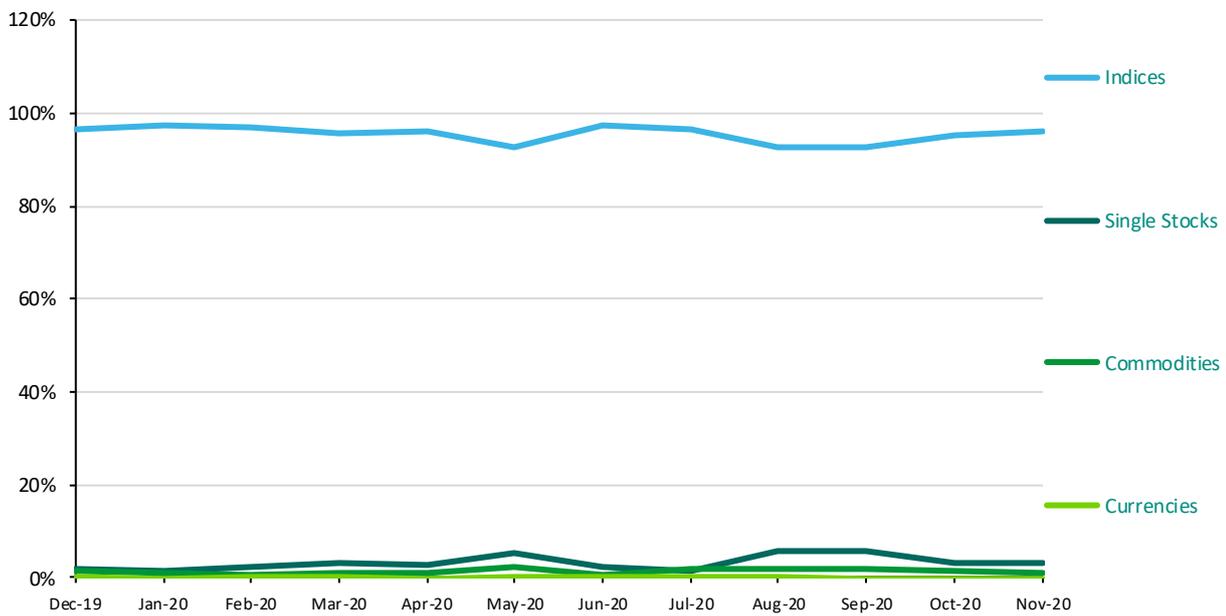
(Source Euronext)



UNDERLYING TYPES

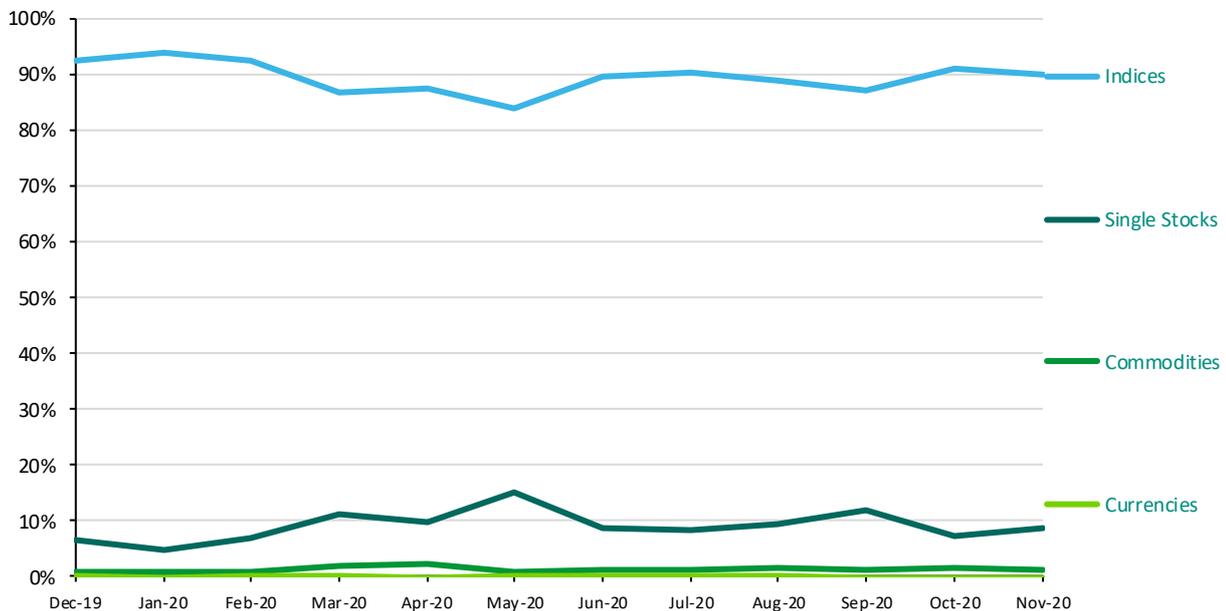
Market Trend: Value traded

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

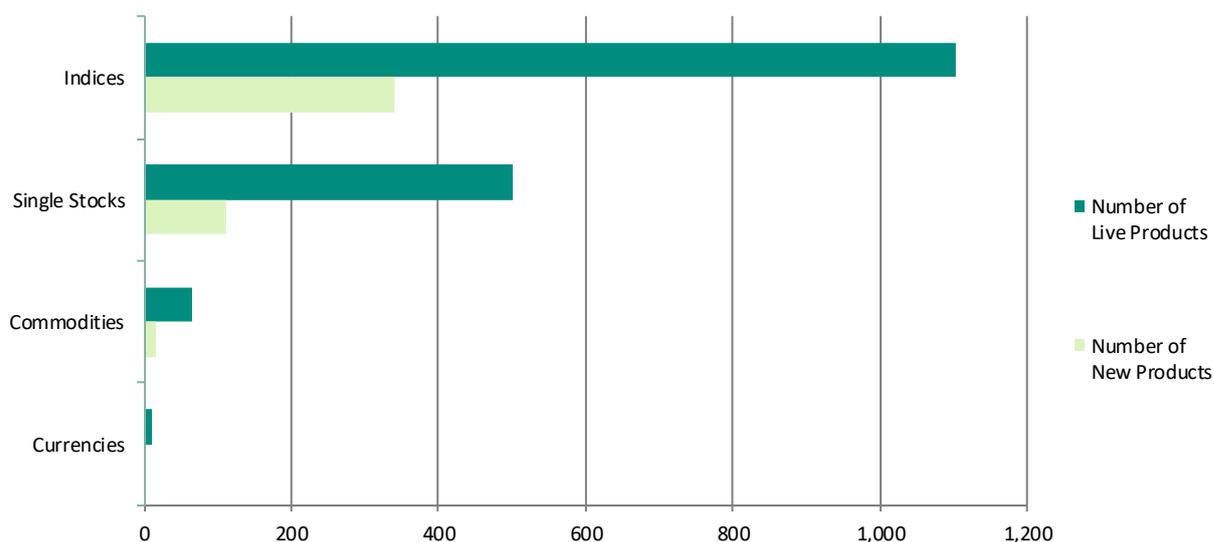
Product Overview

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	1,104	14.9%	10.3%	65.7%	339	-28%	-12.4%	72.7%
Single Stocks	501	26%	36%	29.8%	111	-36%	45%	23.8%
Commodities	64	3.6%	24%	3.8%	16	-38%	-2.5%	3.4%
Currencies	10	0.0%	-38%	0.6%	0		-100%	0.0%
Total	1,679	17.5%	16.9%	100%	466	-30.8%	-3.7%	100%

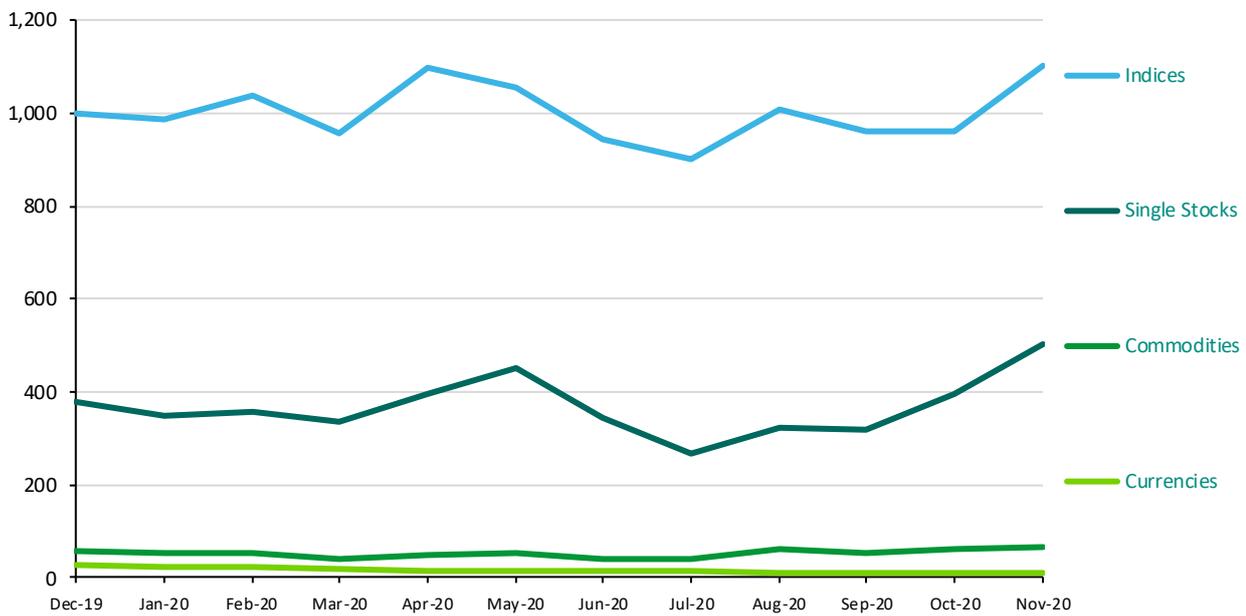
(Source Euronext)



UNDERLYING TYPES

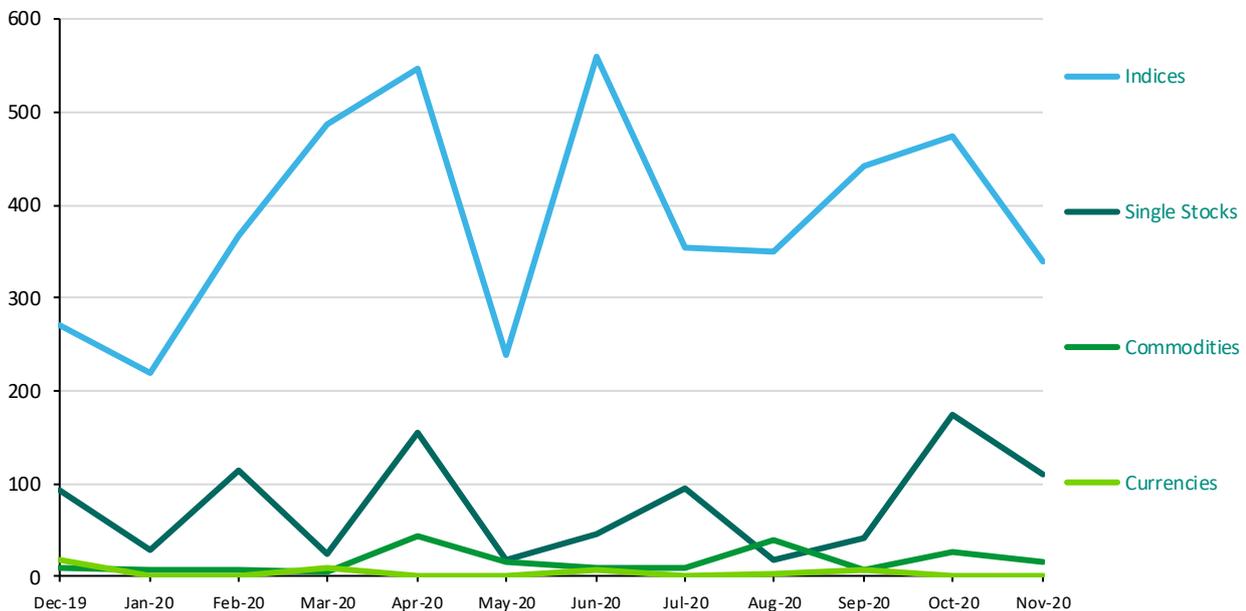
Product Trend: Number of Live Products

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

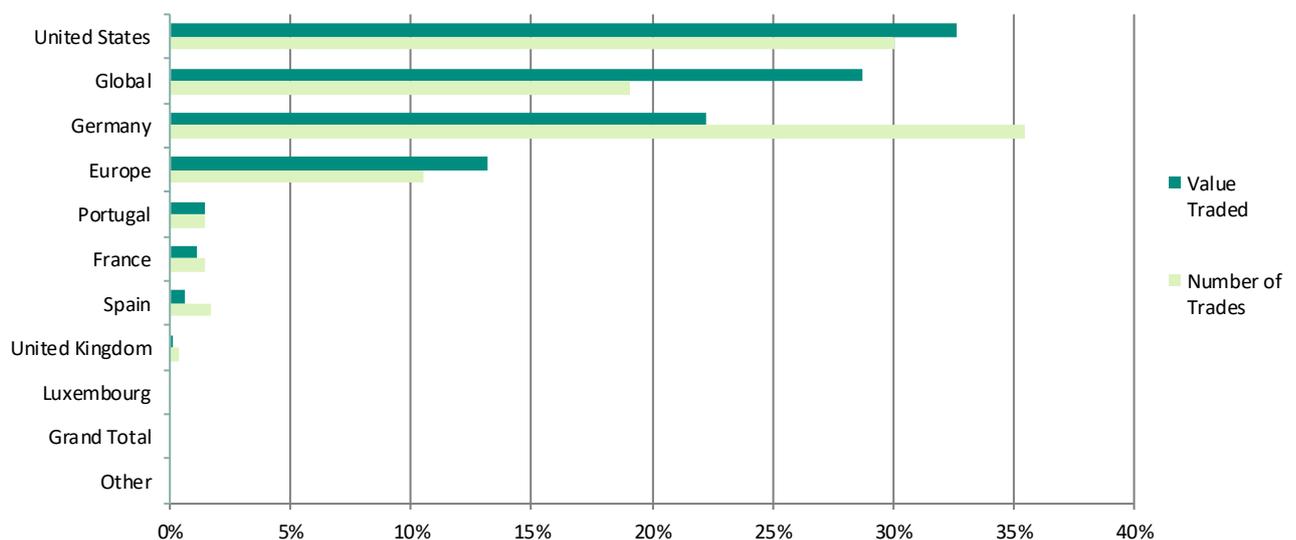
Market Overview

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
United States	884	42%	-20%	32.7%	79	20.7%	-26.9%	30.1%
Global	779	43%	-17.3%	28.8%	50	49%	-14.0%	19.1%
Germany	603	56%	40%	22.3%	94	17.9%	-2.5%	35.5%
Europe	356	72%	-14.2%	13.1%	28	45%	-18.4%	10.5%
Portugal	39	467%	35%	1.4%	3.8	124%	-33%	1.4%
France	29	-20.0%	-40%	1.1%	3.8	-44%	-43%	1.4%
Spain	17	82%	-56%	0.6%	4.5	49%	-35%	1.7%
United Kingdom	1		-89%	0.0%	0.8		-42%	0.3%
Luxembourg	0			0.0%	0.0			0.0%
Grand Total	#REF!			#REF!	#REF!			#REF!
Other	#REF!			#REF!	#REF!			#REF!
Total	2,708	46.2%	-11.3%	100%	264	23.9%	-17.9%	100%

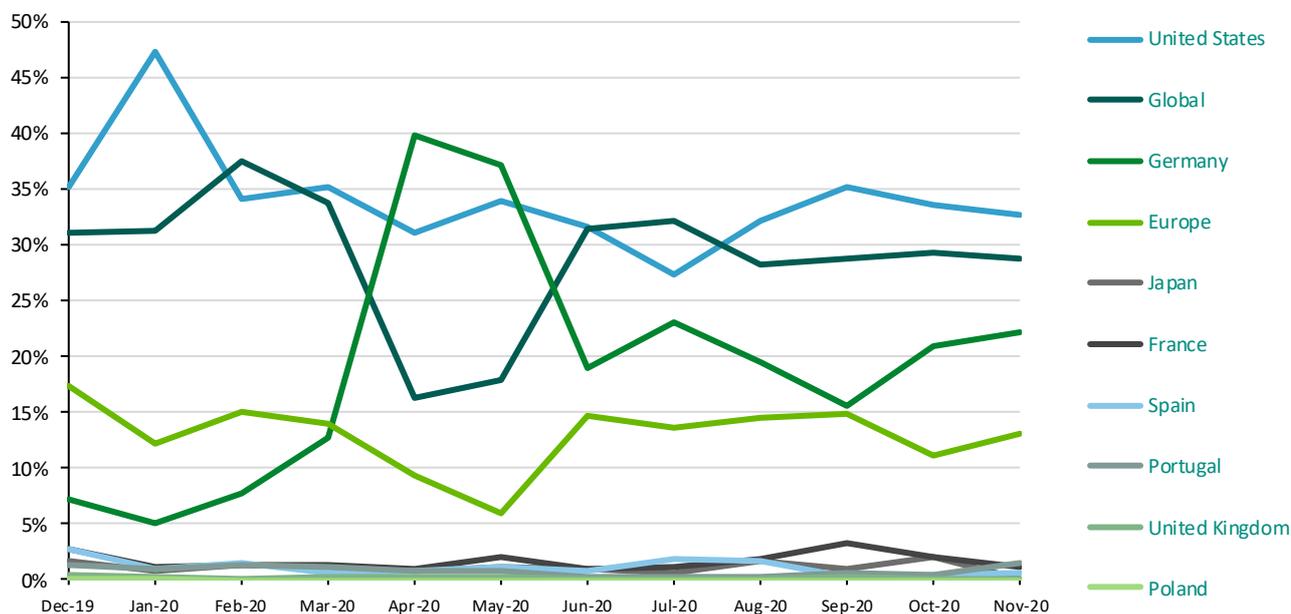
(Source Euronext)



TOP 10 UNDERLYING COUNTRIES

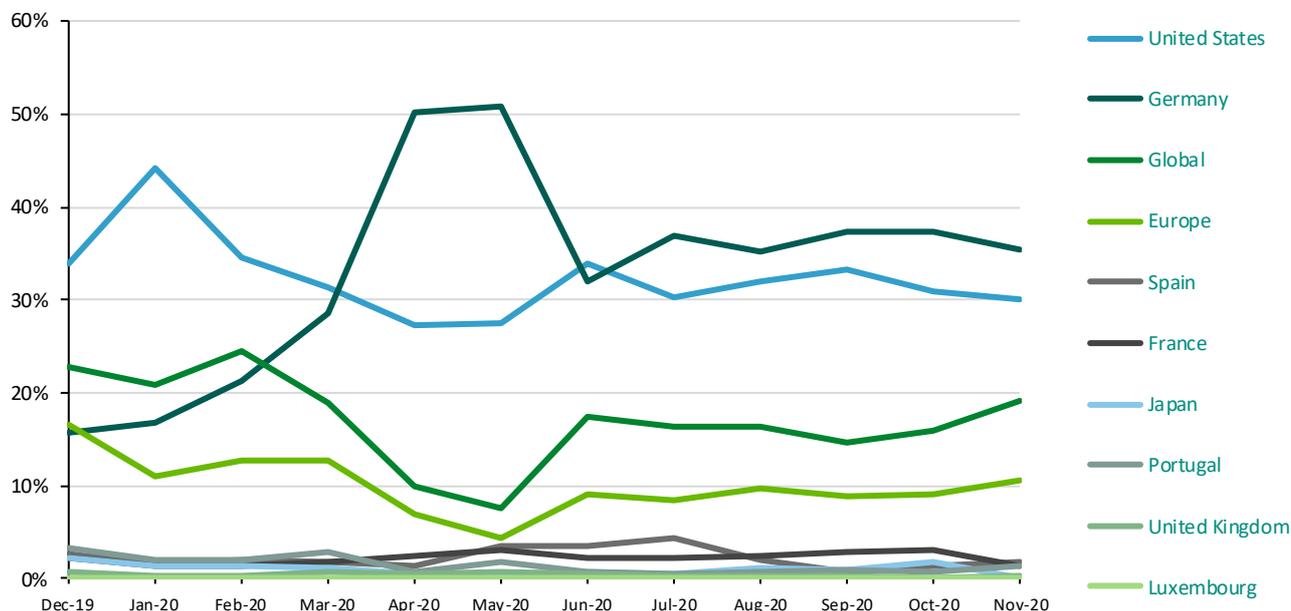
Market Trend: Value traded

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

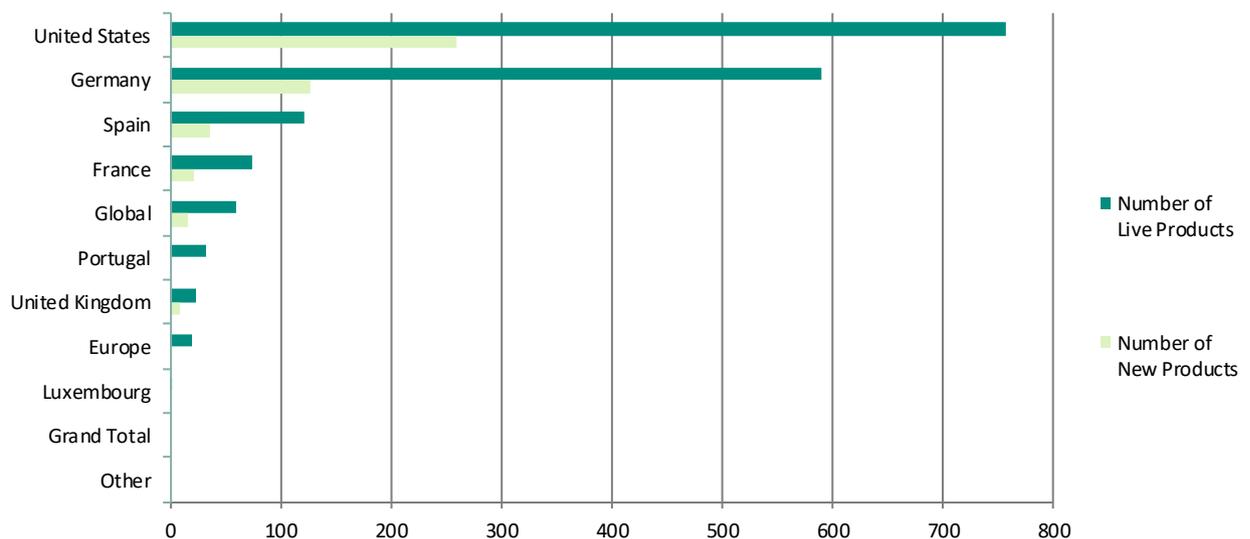
Product Overview

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	758	21%	46%	45.1%	259	-21%	11.9%	55.6%
Germany	590	14.9%	-1.6%	35.1%	127	-46%	-31%	27.3%
Spain	121	20.0%	10.6%	7.2%	35	-18.6%	29%	7.5%
France	74	26%	65%	4.4%	21	-32%	27%	4.5%
Global	60	4.9%	20%	3.6%	16	-38%	1.1%	3.4%
Portugal	33	-4.2%	-52%	2.0%	0		-100%	0.0%
United Kingdom	23	40%	61%	1.4%	8	-11.1%	66%	1.7%
Europe	19	-4.1%	-29%	1.1%	0		-100%	0.0%
Luxembourg	2	0.0%	-21%	0.1%	0			0.0%
Grand Total	#REF!			#REF!	#REF!			#REF!
Other	#REF!			#REF!	#REF!			#REF!
Total	1,679	17.5%	16.9%	100%	466	-30.8%	-3.7%	100%

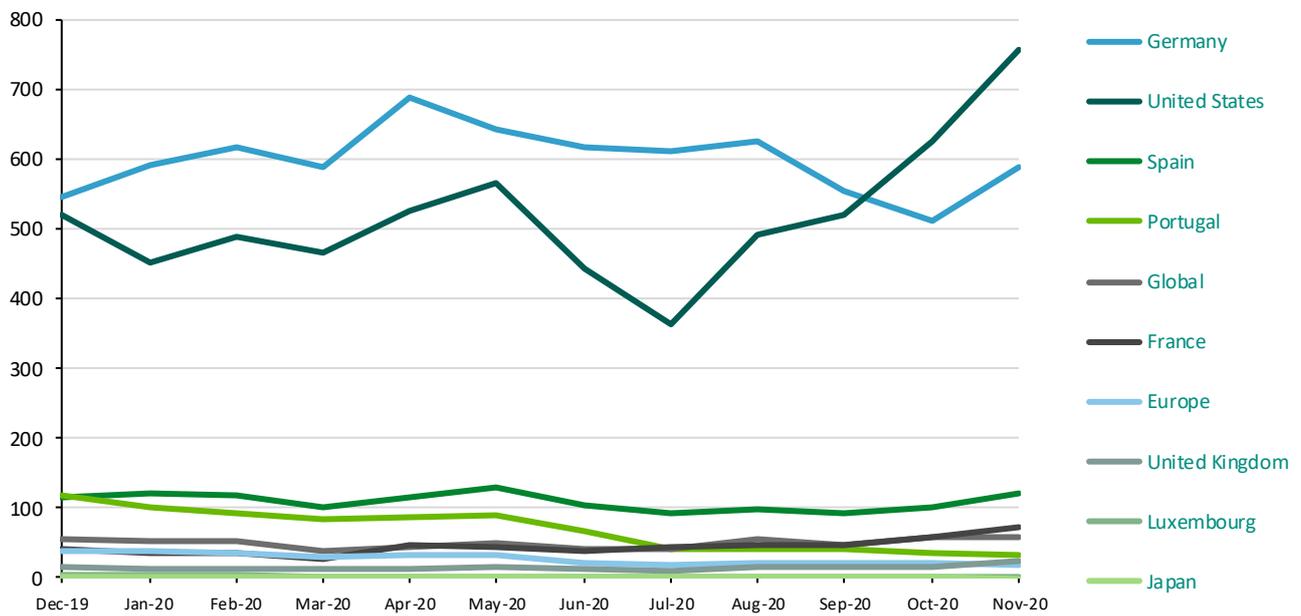
(Source Euronext)



TOP 10 UNDERLYING COUNTRIES

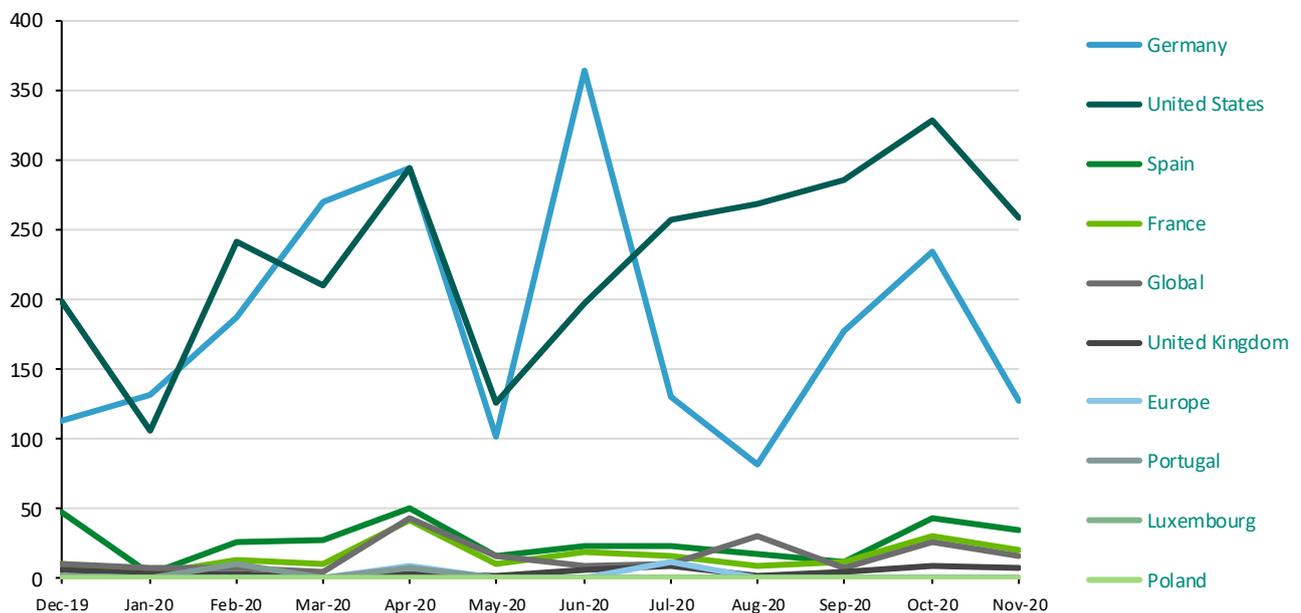
Product Trend: Number of Live Products

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

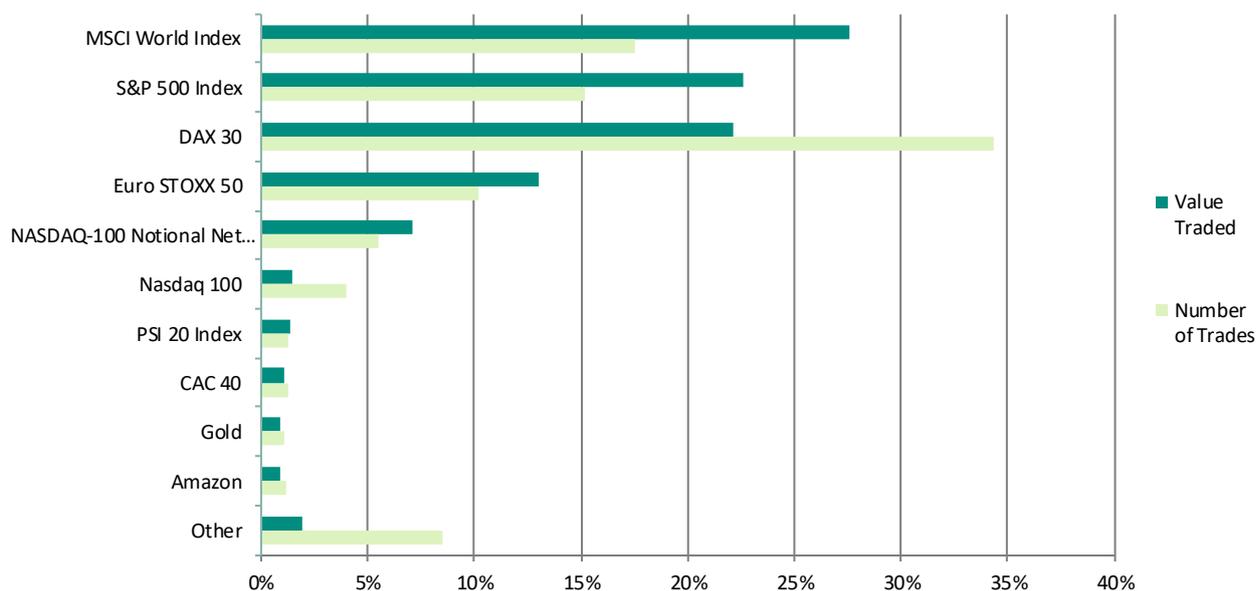
Market Overview

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
MSCI World Index	747	46%	-16.9%	27.6%	46	52.4%	-15.0%	17.5%
S&P 500 Index	613	43%	-28%	22.6%	40	16.7%	-40%	15.2%
DAX 30	600	56%	41%	22.2%	91	19.0%	-0.8%	34.3%
Euro STOXX 50	352	72%	-12.9%	13.0%	27	44%	-18.2%	10.2%
NASDAQ-100 Notional Net Total Return	191	136%	346%	7.1%	14	121%	332%	5.5%
Nasdaq 100	40	-38%	-69%	1.5%	11	-25%	-46%	4.0%
PSI 20 Index	37	540%	37%	1.4%	3.3	119%	-17.8%	1.2%
CAC 40	29	-18.9%	-40%	1.1%	3.3	-40%	-38%	1.2%
Gold	24	-21%	-8.2%	0.9%	2.9	-4.6%	11.4%	1.1%
Amazon	23	133%	71%	0.9%	3.2	170%	3.2%	1.2%
Other	52	-45%	-72%	1.9%	23	2.8%	-41%	8.5%
Total	2,708	46.2%	-11.3%	100%	264	23.9%	-17.9%	100%

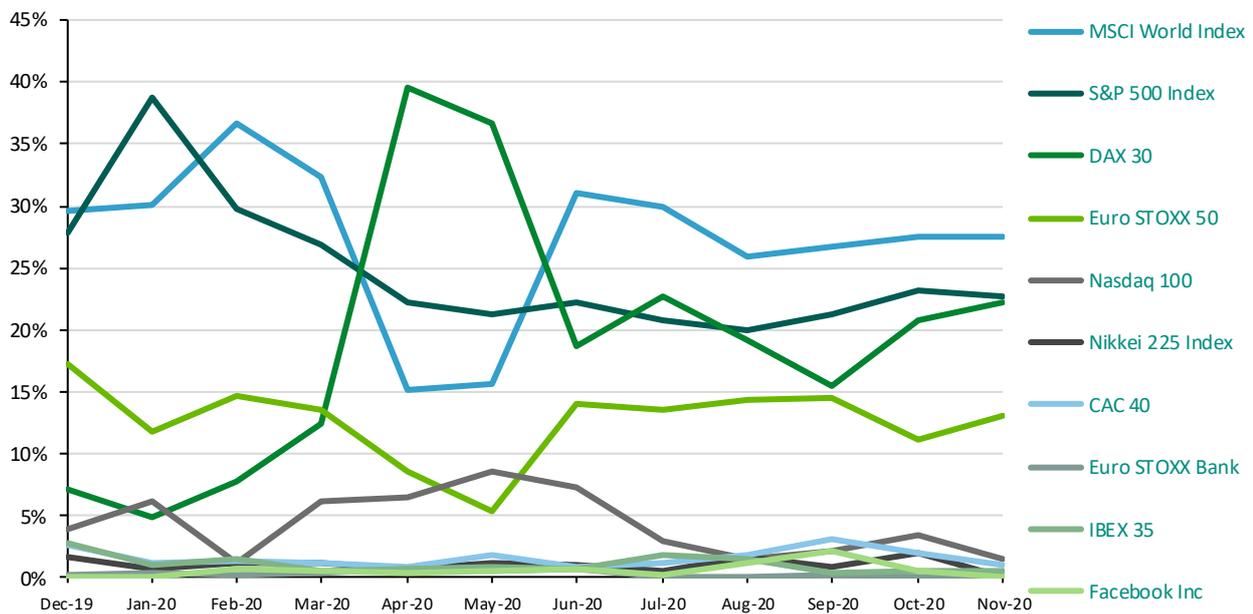
(Source Euronext)



TOP 10 UNDERLYINGS

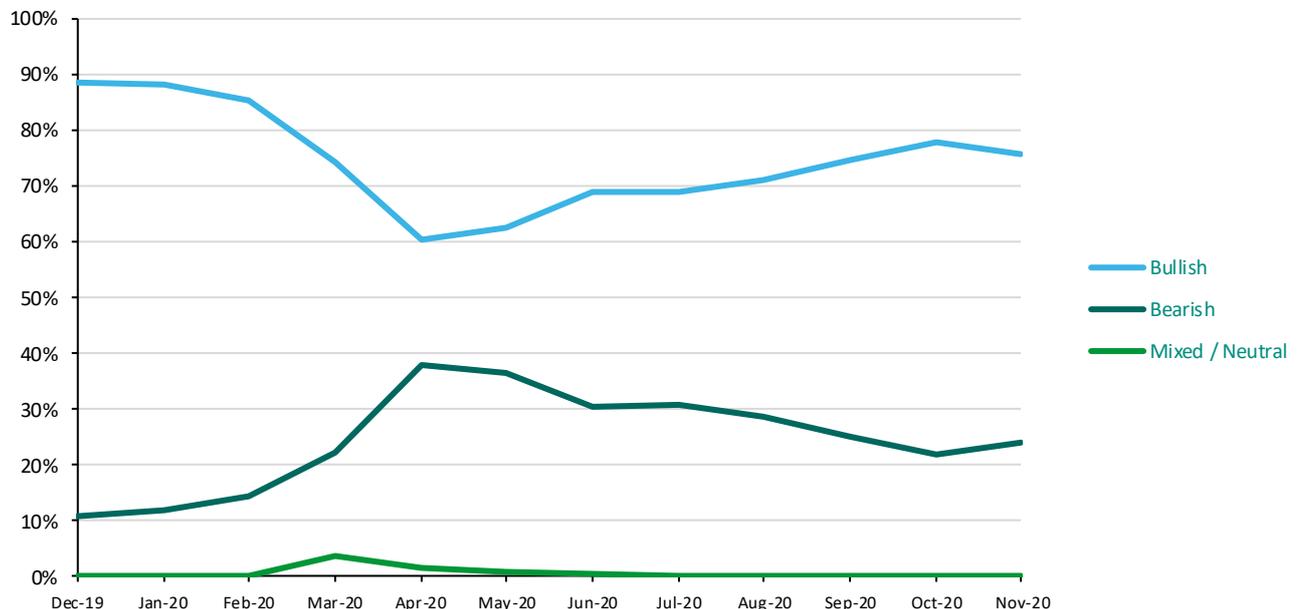
Market Trend: Value traded

The historical graph below displays the weight of the value traded for each top 10 underlying over the total value traded on 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

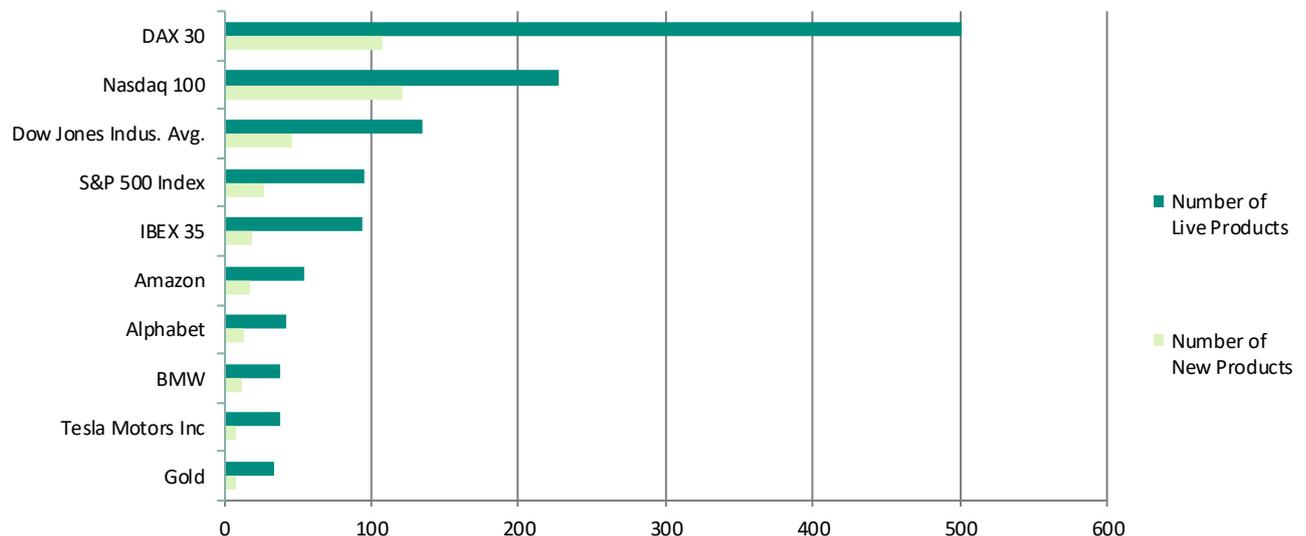
Product Overview

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	501	12.5%	-6.0%	29.8%	108	-47%	-39%	23.2%
Nasdaq 100	227	25%	52%	13.5%	121	-20%	10.3%	26.0%
Dow Jones Indus. Avg.	134	14.1%	35%	8.0%	46	4.5%	16.0%	9.9%
S&P 500 Index	94	17.2%	45%	5.6%	27	-3.6%	23%	5.8%
IBEX 35	93	13.4%	8.6%	5.5%	19	-50%	-23%	4.1%
Amazon	54	48%	56%	3.2%	18	-40%	34%	3.9%
Alphabet	42	31%	50%	2.5%	13	-7.1%	34%	2.8%
BMW	38	38%	44%	2.3%	12	0.0%	194%	2.6%
Tesla Motors Inc	38	-7.2%	24%	2.3%	8	-11.1%	-24%	1.7%
Gold	34	27%	40%	2.0%	8	-47%	39%	1.7%
Other	423	18.2%	17.7%	25.2%	86	-32%	26%	18.5%
Total	1,679	17.5%	16.9%	100%	466	-30.8%	-3.7%	100%

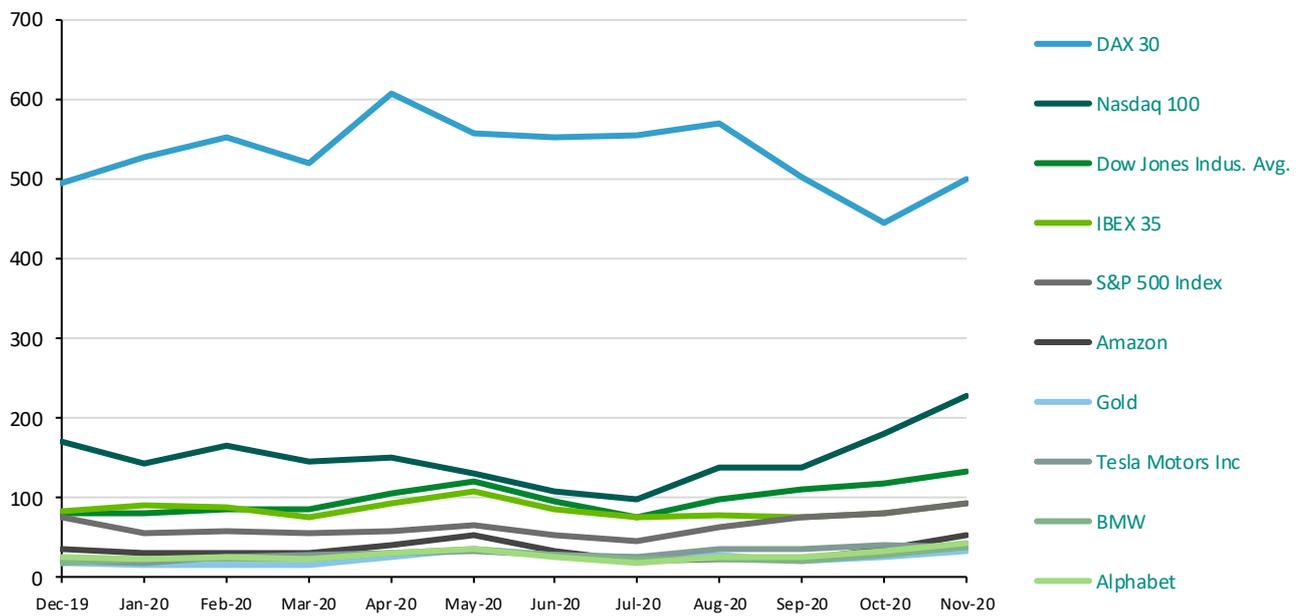
(Source Euronext)



TOP 10 UNDERLYINGS

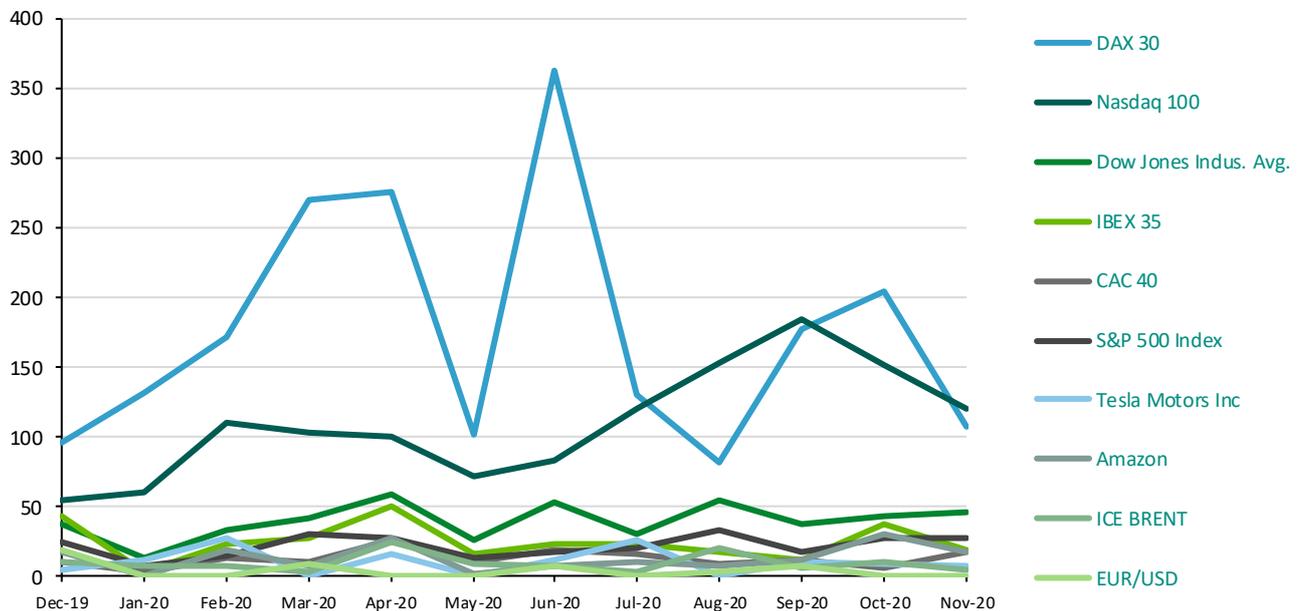
Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each top 10 underlying on 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	15,680	970
PTBITHYM0080	BCP	1300	Tracker Certificates	S&P 500 Index	12,645	757
PTBIVRYE0068	BCP	1300	Tracker Certificates	Euro STOXX 50	7,399	566
PTBCPZYM0047	BCP	1300	Tracker Certificates	NASDAQ-100 Notional Net Tot	4,009	304
PTBITEYE0034	BCP	1300	Tracker Certificates	DAX 30	2,353	174
DE000KB195J5	Citi	2100	Warrants	DAX 30	1,140	28
PTBIY1YE0064	BCP	1300	Tracker Certificates	PSI 20 Index	777	69
DE000KB7TZG3	Citi	2200	Knock-Out Warrants	DAX 30	636	64
PTBIWKYE0023	BCP	1300	Tracker Certificates	CAC 40	535	60
DE000KB7T8K5	Citi	2200	Knock-Out Warrants	DAX 30	476	37
DE000KB7T2X1	Citi	2200	Knock-Out Warrants	DAX 30	461	89
DE000KB7T5J3	Citi	2200	Knock-Out Warrants	DAX 30	454	49
DE000KB7T8J7	Citi	2200	Knock-Out Warrants	DAX 30	444	22
PTBCPAYM0053	BCP	1300	Tracker Certificates	Gold	441	33
DE000KB7T8H1	Citi	2200	Knock-Out Warrants	DAX 30	396	32
DE000KB7T597	Citi	2200	Knock-Out Warrants	DAX 30	369	2
DE000CL1E6L6	Société Générale	2100	Warrants	DAX 30	346	45
DE000KB7T2Y9	Citi	2200	Knock-Out Warrants	DAX 30	341	120
PTBIXRYE0025	BCP	1300	Tracker Certificates	IBEX 35	328	44
DE000SB05SF5	Société Générale	2100	Warrants	DAX 30	319	47
DE000KB7T7G5	Citi	2200	Knock-Out Warrants	DAX 30	282	29
DE000KB7T1X3	Citi	2200	Knock-Out Warrants	Amazon	272	13
DE000KB7T7V4	Citi	2200	Knock-Out Warrants	DAX 30	269	19
DE000KB195S6	Citi	2100	Warrants	DAX 30	229	6
DE000KB7TZF5	Citi	2200	Knock-Out Warrants	DAX 30	225	58
DE000KA39JB1	Citi	2100	Warrants	DAX 30	225	9
DE000KA39KH6	Citi	2100	Warrants	DAX 30	213	6
DE000KB7T340	Citi	2200	Knock-Out Warrants	Amazon	209	43
DE000SB0U5T9	Société Générale	2100	Warrants	DAX 30	192	6
DE000SB47B92	Société Générale	2200	Knock-Out Warrants	DAX 30	174	86
DE000KB7T8S8	Citi	2200	Knock-Out Warrants	DAX 30	168	21
DE000KB7TZP4	Citi	2200	Knock-Out Warrants	DAX 30	147	4
DE000KB195K3	Citi	2100	Warrants	DAX 30	142	5
DE000KA39WX8	Citi	2100	Warrants	DAX 30	139	2
DE000KA39JQ9	Citi	2100	Warrants	DAX 30	131	98
DE000CU1RK70	Société Générale	2100	Warrants	DAX 30	128	6
DE000KB7TZH1	Citi	2200	Knock-Out Warrants	DAX 30	124	27
DE000KB7T8E8	Citi	2200	Knock-Out Warrants	DAX 30	116	10
DE000KB195H9	Citi	2100	Warrants	DAX 30	105	2
DE000SB420E0	Société Générale	2200	Knock-Out Warrants	Nasdaq 100	99	6
DE000SD090Z4	Société Générale	2200	Knock-Out Warrants	DAX 30	97	15
DE000KA39KJ2	Citi	2100	Warrants	DAX 30	97	5
PTBCPYM0055	BCP	1300	Tracker Certificates	MSCI Emerging Markets	96	16
DE000KB7TZL3	Citi	2200	Knock-Out Warrants	DAX 30	91	15
DE000KB7T5T2	Citi	2200	Knock-Out Warrants	DAX 30	89	21
DE000KB7T8F5	Citi	2200	Knock-Out Warrants	DAX 30	87	7
DE000CL1E616	Société Générale	2100	Warrants	DAX 30	82	3
DE000CU1RKZ9	Société Générale	2100	Warrants	DAX 30	80	55
DE000CU1RK13	Société Générale	2100	Warrants	DAX 30	80	12
DE000KB7T5G9	Citi	2200	Knock-Out Warrants	DAX 30	70	2

(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

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.

This publication is for information purposes only and is not a recommendation to engage in investment activities. This publication is provided “as is” without representation or warranty of any kind. Whilst all reasonable care has been taken to ensure the accuracy of the content, Euronext does not guarantee its accuracy or completeness. Euronext will not be held liable for any loss or damages of any nature ensuing from using, trusting or acting on information provided. No information set out or referred to in this publication shall form the basis of any contract. The creation of rights and obligations in respect of financial products that are traded on the exchanges operated by Euronext’s subsidiaries shall depend solely on the applicable rules of the market operator. All proprietary rights and interest in or connected with this publication shall vest in Euronext. No part of it may be redistributed or reproduced in any form without the prior written permission of Euronext.

All data as of the date of publication unless stated otherwise. Euronext disclaims any duty to update this information.

Euronext refers to Euronext N.V. and its affiliates. Information regarding trademarks and intellectual property rights of Euronext is located at <https://www.euronext.com/en/terms-use>.

© 2021, Euronext N.V. - All rights reserved.

(1) The EUSIPA codes are numeric categorization labels for the payoff of note-based structured products. They are based on the EUSIPA Map© which is intellectual property of EUSIPA, the European Structured Investment Products Association a.i.s.b.l., a non-profit association incorporated under Belgian law. EUSIPA reserves the right to regularly update the Map without prior public or individual notification. The updated version of the EUSIPA Map will be made available to the public via the EUSIPA website (<http://www.eusipa.org/governance/categorisation>).

The codes of the EUSIPA Map can be used free of charge by professional market participants. EUSIPA does not assume any liability for the usage of the Map or its single codes by third parties.