Warrants & Certificates

## Activity report

lssue 116 March 2021



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	Euroclear Belgium Instruments	Euroclear France Instruments	Euroclear Nederland Instruments	Interbolsa Instruments	All Instruments
Live products (on 31/03/2021)	582	47,992	36,225	1,338	86,137
New Products	273	19,359	18,834	536	39,002
New Products YTD	778	57,572	39,437	1,177	98,964
Value Traded (in €m)	9.5	555.7	467.0	96.7	1,128.9
Value Traded YTD (in €m)	34.0	1,429.8	1,448.1	237.5	3,149.4
Value Traded ADV (in €m)	0.4	24.2	20.3	4.2	49.1
Value Traded YTD ADV (in €m)	0.5	22.7	23.0	3.8	50.0
Number of Trades	7,463	192,632	178,508	7,455	386,058
Number of Trades YTD	23,831	531,928	543,933	19,057	1,118,749
Number of Trades ADV	324	8,375	7,761	324	16,785
Number of Trades YTD ADV	378	8,443	8,634	302	17,758
(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.

## 

- 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

commodities@euronext.com

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

Business Development:	+33	1	70 48	3 28	48
Product Development:	+33	1	70 48	3 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.



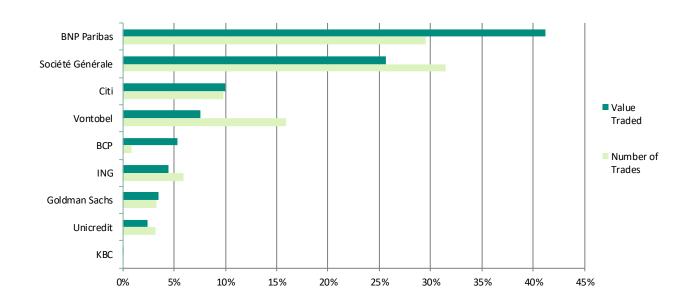
# **All Instruments**

#### **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.

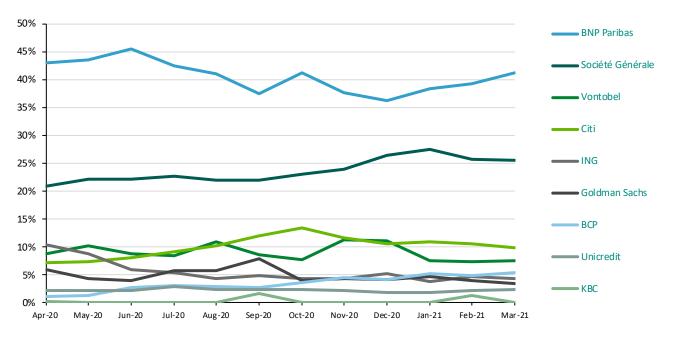
The chart at the bottom of the page represents the weight of each issuer in terms of value traded and number of trades.

		Value T	raded			Number o	fTrades	
Issuers	Daily	Month	vs. Last	Market	Daily	Month	vs.Last	Market
	average	on	12	share	average	on	12	share
	(in €k)	month	months			month	months	
BNP Paribas	20,248	-2.2%	3.4%	41.2%	4,963	-9.6%	-4.9%	29.6%
Société Générale	12,593	-6.9%	11.7%	25.7%	5,290	-4.0%	11.5%	31.5%
Citi	4,889	-12.3%	3.2%	10.0%	1,642	-24.4%	-14.3%	9.8%
Vontobel	3,711	-5.0%	-13.8%	7.6%	2,676	8.4%	18.6%	15.9%
ВСР	2,624	1.3%	62%	5.3%	146	-3.8%	33.5%	0.9%
ING	2,163	-12.0%	-22%	4.4%	989	-17.5%	-18.3%	5.9%
Goldman Sachs	1,684	-20.0%	-28%	3.4%	550	-7.7%	-24.1%	3.3%
Unicredit	1,162	1.1%	6.8%	2.4%	529	-9.0%	2.3%	3.2%
КВС	18	-97%	-87%	0.0%	0.2	-96.7%	-84.6%	0.0%
Total	49,091	-6.9%	2.6%	100%	16,785	-7.7%	0.5%	100%



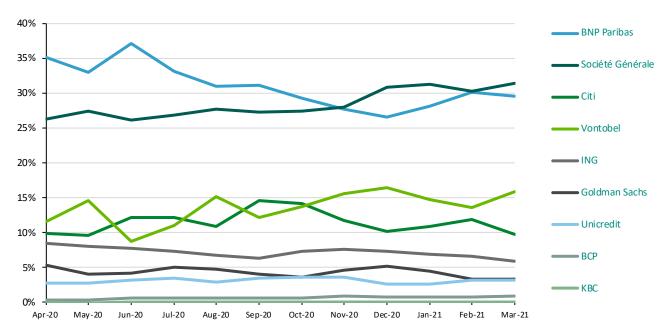
#### Market Trend: Value traded

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.

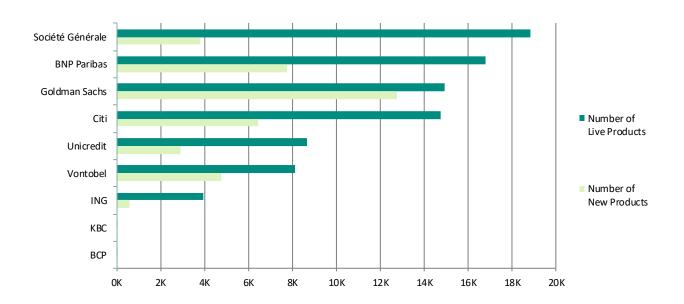


#### **Product Overview**

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.

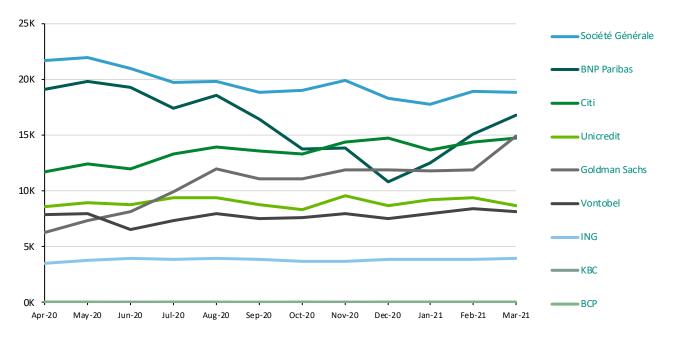
The chart at the bottom of the page represents the number of live products and number of new products for each issuer.

	N	umber of Li	ve Products	5	Nu	umber of Ne	ew Products	
Issuers	Daily	Month	vs.Last	Market	This	Month	vs.Last	Market
	average	on	12	share	month	on	12	share
		month	months			month	months	
Société Générale	18,846	-0.6%	-4.1%	21.9%	3,816	-31%	-25%	9.8%
BNP Paribas	16,801	11.2%	4.1%	19.5%	7,739	12.5%	27%	19.8%
Goldman Sachs	14,956	26%	40%	17.4%	12,762	148%	47%	32.7%
Citi	14,770	2.6%	9.2%	17.1%	6,423	29%	13.9%	16.5%
Unicredit	8,664	-7.9%	-3.6%	10.1%	2,895	104%	21%	7.4%
Vontobel	8,115	-3.7%	4.8%	9.4%	4,771	1.1%	1.7%	12.2%
ING	3,945	2.9%	3.1%	4.6%	595	14.4%	-12.0%	1.5%
КВС	29	2.0%	15.3%	0.0%	1	-86%	-57%	0.0%
ВСР	19	0.0%	17.9%	0.0%	0		-100%	0.0%
Total	86,146	5.0%	6.9%	100%	39,002	33.8%	17.1%	100%



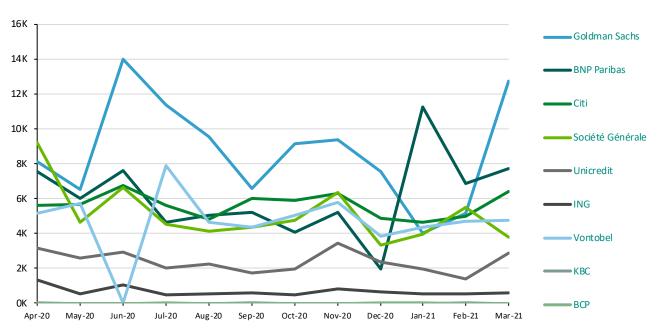
#### Product Trend: Number of Live Products

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.

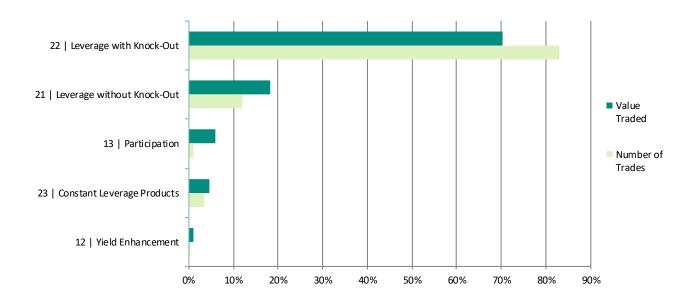


#### **Market Overview**

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

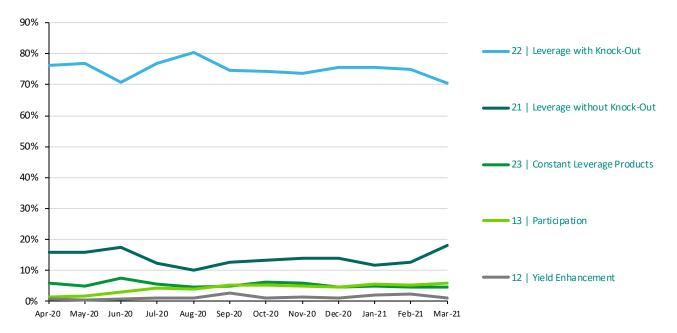
The chart at the bottom of the page represents the weight of each product type in terms of value traded and number of trades.

		Value T	raded		Number of Trades				
Product Types	Daily	Month	vs. Last	Market	Daily	Month	vs.Last	Market	
(EUSIPA Categorization Level 2)	average	on	12	share	average	on	12	share	
	(in €k)	month	months			month	months		
22   Leverage with Knock-Out	34,546	-12.7%	-3.6%	70.4%	13,942	-9.4%	0.4%	83.1%	
21   Leverage without Knock-Out	8,957	34%	31%	18.2%	2,010	5.5%	7.9%	12.0%	
13   Participation	2,895	2.8%	45%	5.9%	167	-8.1%	15.6%	1.0%	
23   Constant Leverage Products	2,224	-9.3%	-14.1%	4.5%	605	-4.2%	-18.1%	3.6%	
12   Yield Enhancement	470	-60%	-22%	1.0%	62	-10.3%	-10.3%	0.4%	
Total	49,091	-6.9%	2.6%	100%	16,785	-7.7%	0.5%	100%	



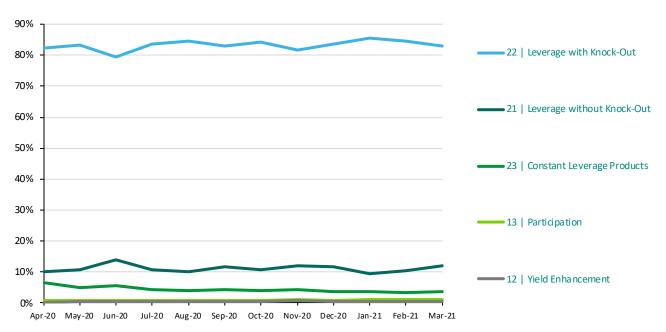
#### Market Trend: Value traded

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.

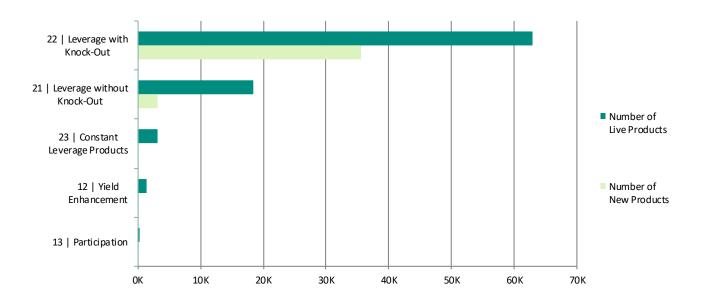


#### **Product Overview**

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

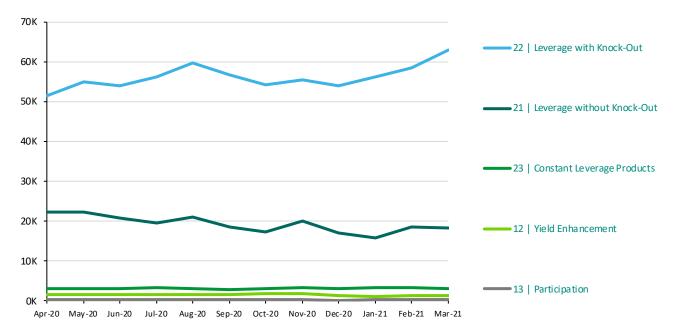
The chart at the bottom of the page represents the number of live products and number of new products for each product type.

	N	umber of Li	ve Product	s	Number of New Products				
Product Types	Daily	Month	vs.Last	Market	This	Month	vs.Last	Market	
(EUSIPA Categorization Level 2)	average	on	12	share	month	on	12	share	
		month	months			month	months		
22   Leverage with Knock-Out	62,939	7.7%	11.9%	73.1%	35,605	48%	22%	91.3%	
21   Leverage without Knock-Out	18,374	-1.1%	-5.1%	21.3%	3,095	-32%	-11.7%	7.9%	
23   Constant Leverage Products	3,148	-6.6%	-0.1%	3.7%	193	-16.8%	-47%	0.5%	
12   Yield Enhancement	1,419	2.2%	-9.5%	1.6%	101	-67%	-61%	0.3%	
13   Participation	267	6.1%	-4.0%	0.3%	8	-78%	-59%	0.0%	
Total	86,146	5.0%	6.9%	100%	39,002	33.8%	17.1%	100%	



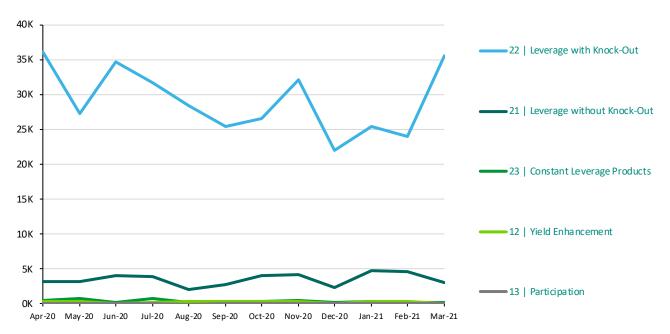
#### **Product Trend: Number of Live Products**

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.

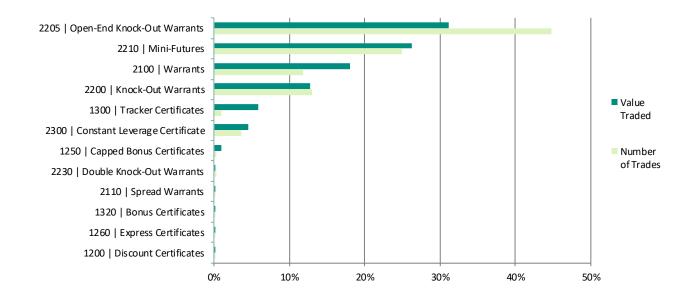


#### **Market Overview**

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

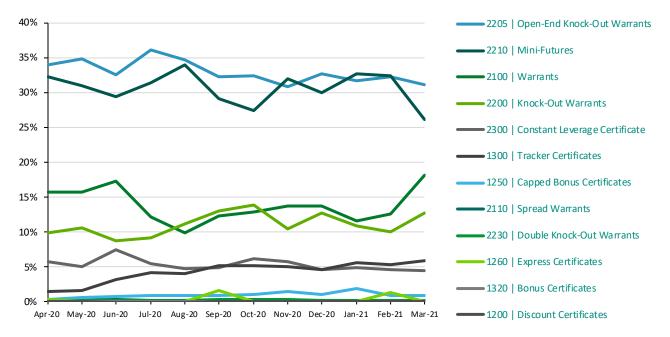
The chart at the bottom of the page represents the weight of each product type in terms of value traded and number of trades.

		Value 1	raded			Number o	ofTrades	
Product Types	Daily	Month	vs.Last	Market	Daily	Month	vs.Last	Market
(EUSIPA Categorization Level 3)	average	on	12	share	average	on	12	share
	(in €k)	month	months			month	months	
2205   Open-End Knock-Out Warrants	15,301	-10.2%	-3.1%	31.2%	7,522	-6.2%	3.7%	44.8%
2210   Mini-Futures	12,881	-25%	-12.2%	26.2%	4,179	-17.3%	-6.1%	24.9%
2100   Warrants	8,898	34%	32%	18.1%	1,999	5.5%	8.3%	11.9%
2200   Knock-Out Warrants	6,260	18.0%	19.0%	12.8%	2,191	-3.7%	2.4%	13.1%
1300   Tracker Certificates	2,871	2.5%	44%	5.8%	163	-8.7%	14.3%	1.0%
2300   Constant Leverage Certificate	2,224	-9.3%	-14.1%	4.5%	605	-4.2%	-18.1%	3.6%
1250   Capped Bonus Certificates	450	-7.7%	-1.8%	0.9%	61	-2.4%	-9.1%	0.4%
2230   Double Knock-Out Warrants	104	-6.2%	3.8%	0.2%	49	8.0%	27%	0.3%
2110   Spread Warrants	59	4.1%	-26%	0.1%	12	7.6%	-39%	0.1%
1320   Bonus Certificates	24	55%	181%	0.0%	4.0	29%	116%	0.0%
1260   Express Certificates	18	-97%	-87%	0.0%	0.2	-97%	-85%	0.0%
1200   Discount Certificates	1	-63%	13.0%	0.0%	0.3	-57%	17.2%	0.0%
Total	49,091	-6.9%	2.6%	100%	16,785	-7.7%	0.5%	100%



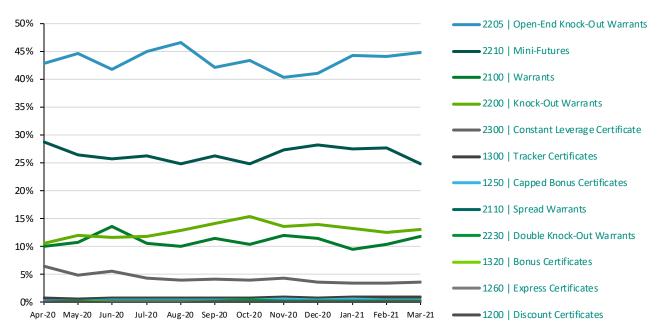
#### Market Trend: Value traded

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.

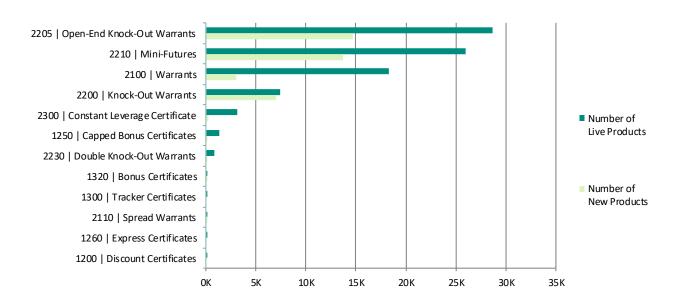


#### **Product Overview**

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

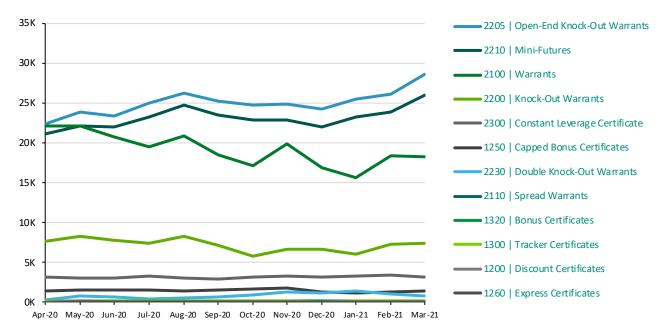
The chart at the bottom of the page represents the number of live products and number of new products for each product type.

	Nu	umber of Li	ve Products	5	Νι	umber of Ne	ew Products	;
Product Types	Daily	Month	vs. Last	Market	This	Month	vs.Last	Market
(EUSIPA Categorization Level 3)	average	on	12	share	month	on	12	share
		month	months			month	months	
2205   Open-End Knock-Out Warrants	28,645	9.7%	14.4%	33.3%	14,744	55%	25%	37.8%
2210   Mini-Futures	25,993	8.6%	12.2%	30.2%	13,719	67%	26%	35.2%
2100   Warrants	18,251	-1.1%	-5.0%	21.2%	3,045	-33%	-12.2%	7.8%
2200   Knock-Out Warrants	7,456	1.6%	3.3%	8.7%	7,032	15.8%	13.6%	18.0%
2300   Constant Leverage Certificate	3,148	-6.6%	-0.1%	3.7%	193	-16.8%	-47%	0.5%
1250   Capped Bonus Certificates	1,369	2.3%	-7.7%	1.6%	101	-66%	-59%	0.3%
2230   Double Knock-Out Warrants	845	-21%	1.6%	1.0%	110	-50%	-65%	0.3%
1320   Bonus Certificates	144	11.2%	-5.4%	0.2%	8	-78%	-57%	0.0%
1300   Tracker Certificates	123	0.7%	-2.3%	0.1%	0		-100%	0.0%
2110   Spread Warrants	123	-5.4%	-16.4%	0.1%	50	56%	36%	0.1%
1260   Express Certificates	29	2.0%	27%	0.0%	0	-100%	-100%	0.0%
1200   Discount Certificates	21	-3.4%	-65%	0.0%	0		-100%	0.0%
Total	86,146	5.0%	6.9%	100%	39,002	33.8%	17.1%	100%



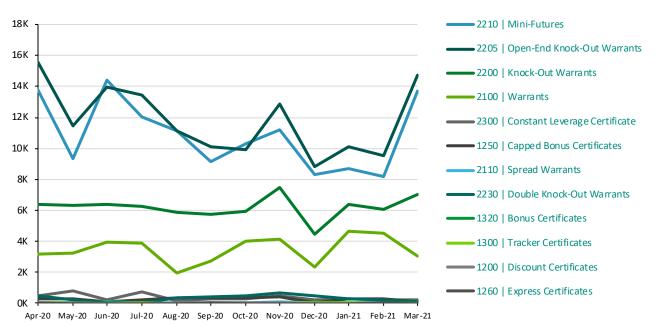
#### Product Trend: Number of Live Products

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.

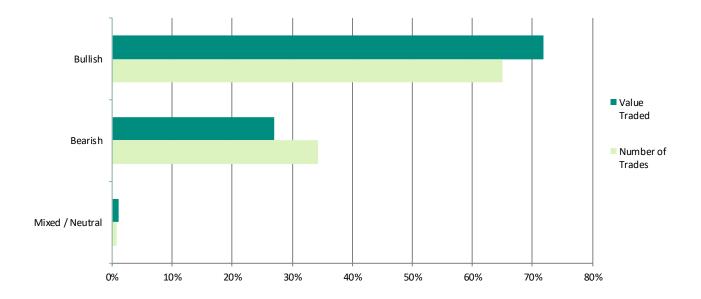


#### **Market Overview**

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.

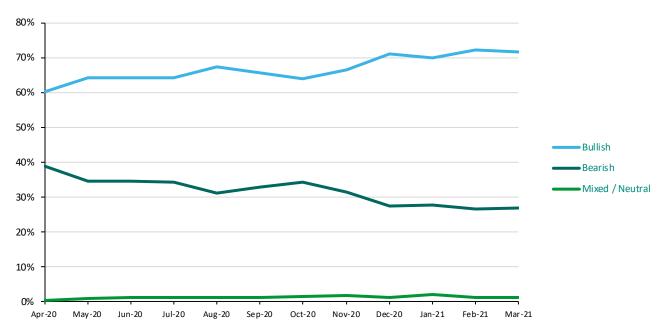
The chart at the bottom of the page represents the weight of each product strategy in terms of value traded and number of trades.

		Value T	raded		Number of Trades				
Product Strategies	Daily	Month	vs.Last	Market	Daily	Month	vs.Last	Market	
	average	on	12	share	average	on	12	share	
	(in €k)	month	months			month	months		
Bullish	35,274	-7.5%	10.6%	71.9%	10,907	-10.2%	5.7%	65.0%	
Bearish	13,261	-5.1%	-13.6%	27.0%	5,768	-2.7%	-8.0%	34.4%	
Mixed / Neutral	556	-7.7%	-7.0%	1.1%	111	1.5%	-4.1%	0.7%	
Total	49,091	-6.9%	2.6%	100%	16,785	-7.7%	0.5%	100%	



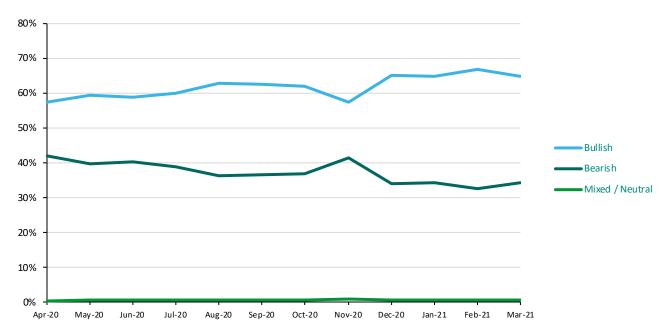
#### Market Trend: Value traded

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.

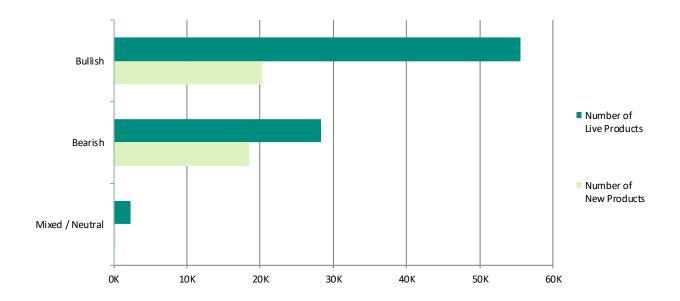


#### **Product Overview**

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.

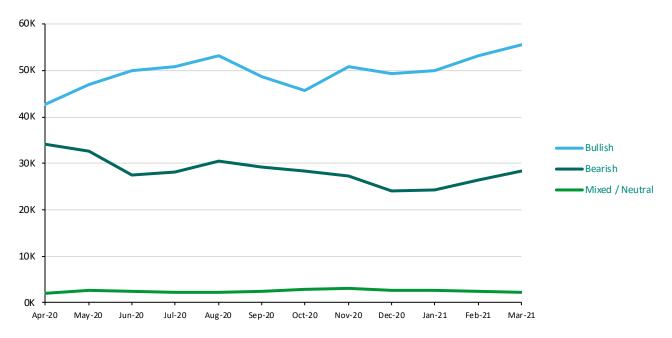
The chart at the bottom of the page represents the number of live products and number of new products for each product strategy.

	N	umber of Li	ve Products	5	Number of New Products				
Strategies	Daily	Month	vs.Last	Market	This	Month	vs.Last	Market	
	average	on	12	share	month	on	12	share	
		month	months			month	months		
Bullish	55,539	4.3%	11.7%	64.5%	20,248	20%	10.4%	51.9%	
Bearish	28,342	7.5%	-0.2%	32.9%	18,543	57%	29%	47.5%	
Mixed / Neutral	2,265	-7.8%	-8.9%	2.6%	211	-59%	-63%	0.5%	
Total	86,146	5.0%	6.9%	100%	39,002	33.8%	17.1%	100%	



#### **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.

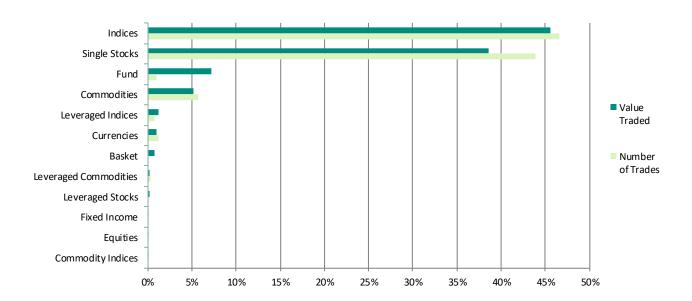


#### **Market Overview**

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.

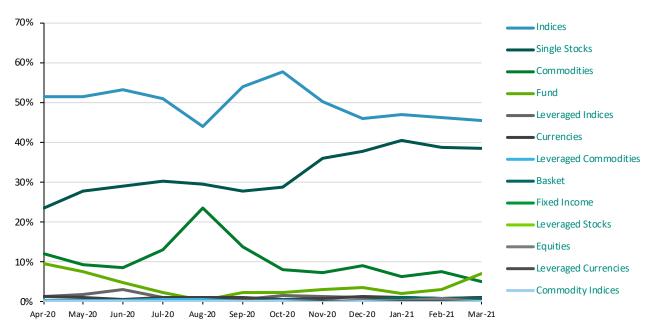
The chart at the bottom of the page represents the weight of each underlying type in terms of value traded and number of trades.

		Value T	raded			Number o	fTrades	
Underlying Types	Daily	Month	vs.Last	Market	Daily	Month	vs.Last	Market
	average	on	12	share	average	on	12	share
	(in €k)	month	months			month	months	
Indices	22,363	-8.4%	-6.6%	45.6%	7,832	-4.3%	-3.9%	46.7%
Single Stocks	18,917	-7.6%	23%	38.5%	7,374	-9.5%	11.8%	43.9%
Fund	3,510	112%	68%	7.1%	170	29.0%	19.1%	1.0%
Commodities	2,517	-38%	-48%	5.1%	969	-23.5%	-24.8%	5.8%
Leveraged Indices	597	41%	-9.0%	1.2%	121	5.2%	-36.4%	0.7%
Currencies	479	-1.8%	-1.3%	1.0%	205	0.8%	-6.3%	1.2%
Basket	372	-18.8%	155%	0.8%	8.7	-12.6%	98.2%	0.1%
Leveraged Commodities	118	20%	-13.4%	0.2%	49	12.3%	-23.6%	0.3%
Leveraged Stocks	101	-16.1%	106%	0.2%	22	-2.8%	36.2%	0.1%
Fixed Income	66	61%	111%	0.1%	22	68.2%	93.7%	0.1%
Equities	49	-90%	-39%	0.1%	13	-68.3%	-29.4%	0.1%
Commodity Indices	0		187%	0.0%	0.1		39.1%	0.0%
Total	49,091	-6.9%	2.6%	100%	16,785	-7.7%	0.5%	100%



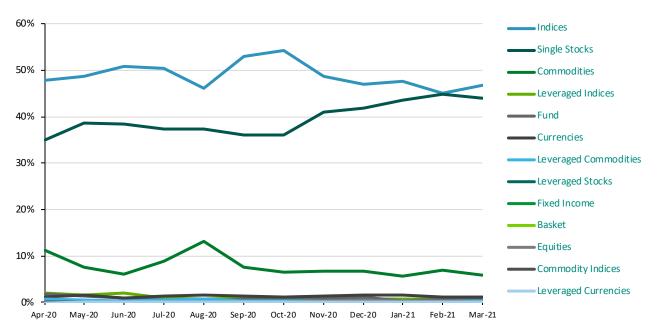
#### Market Trend: Value traded

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.



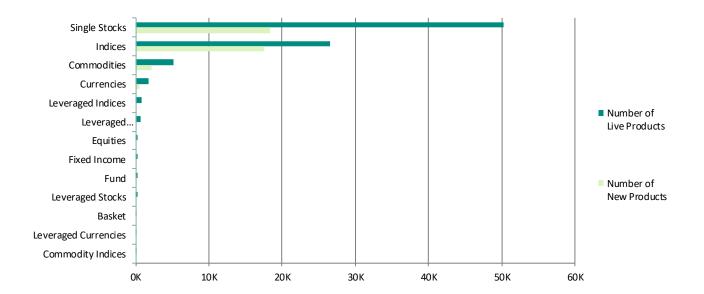
#### **Product Overview**

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.

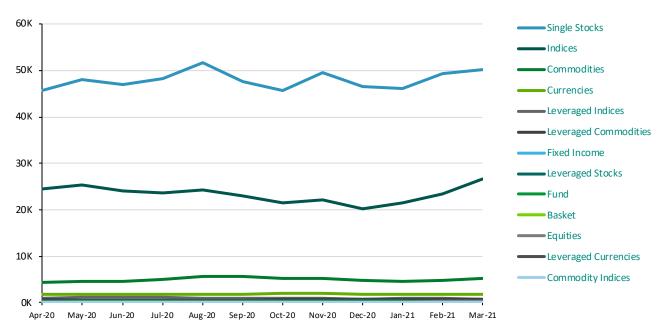
	Number of Live Products				Number of New Products				
Underlying Types	Daily	Month	vs.Last	Market	This	Month	vs.Last	Market	
	average	on	12	share	month	on	12	share	
		month	months			month	months		
Single Stocks	50,219	1.9%	4.7%	58.3%	18,328	5.4%	-6.9%	47.0%	
Indices	26,558	13.2%	13.7%	30.8%	17,577	93%	62%	45.1%	
Commodities	5,125	6.4%	2.7%	5.9%	2,179	6.1%	7.5%	5.6%	
Currencies	1,752	-0.2%	-4.2%	2.0%	531	177%	45%	1.4%	
Leveraged Indices	808	-6.2%	-14.1%	0.9%	40	186%	-47%	0.1%	
Leveraged Commodities	629	-23%	-4.9%	0.7%	68	-25%	-52%	0.2%	
Equities	287	2.1%	216%	0.3%	143	-47%	66%	0.4%	
Fixed Income	250	6.6%	-6.0%	0.3%	120	NA	537%	0.3%	
Fund	241	2.4%	9.3%	0.3%	9	50%	69%	0.0%	
Leveraged Stocks	235	-3.9%	-3.7%	0.3%	7	-70%	-76%	0.0%	
Basket	23	1.1%	11.9%	0.0%	0		-100%	0.0%	
Leveraged Currencies	17	0.0%	32%	0.0%	0		-100%	0.0%	
Commodity Indices	1	0.0%	0.0%	0.0%	0			0.0%	
Total	86,146	5.0%	6.9%	100%	39,002	33.8%	17.1%	100%	





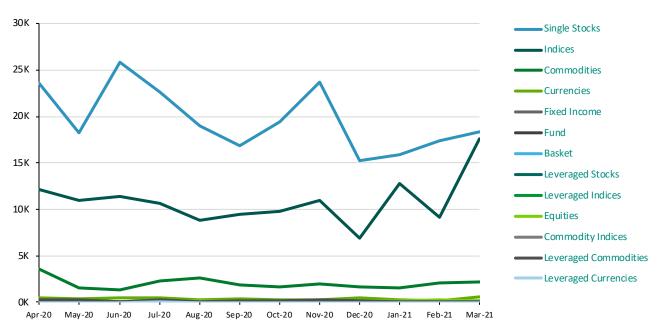
#### **Product Trend: Number of Live Products**

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.

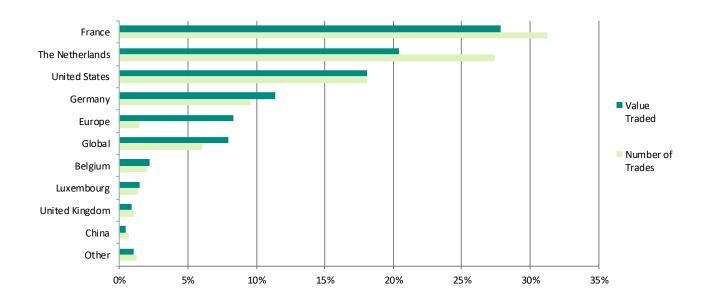


#### **Market Overview**

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.

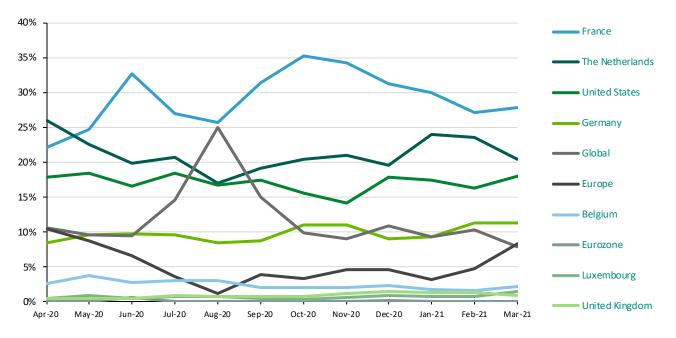
The chart at the bottom of the page represents the weight of each underlying country of origin in terms of value traded and number of trades.

		Value T	raded		Number of Trades				
Underlying Countries	Daily	Month	vs.Last	Market	Daily	Month	vs. Last	Market	
	average	on	12	share	average	on	12	share	
	(in €k)	month	months			month	months		
France	13,670	-4.7%	-1.1%	27.8%	5,246	-4.6%	-0.7%	31.3%	
The Netherlands	10,039	-19.2%	-2.2%	20.4%	4,605	-9.8%	1.7%	27.4%	
United States	8,879	3.2%	8.1%	18.1%	3,033	5.9%	12.4%	18.1%	
Germany	5,571	-6.9%	18.5%	11.3%	1,604	-9.4%	1.4%	9.6%	
Europe	4,089	60%	52%	8.3%	241	10.7%	-3.4%	1.4%	
Global	3,890	-29%	-29%	7.9%	1,013	-25%	-22%	6.0%	
Belgium	1,079	23%	-8.8%	2.2%	335	-12.4%	-32%	2.0%	
Luxembourg	709	60%	98%	1.4%	216	17.2%	26%	1.3%	
United Kingdom	435	-39%	4.1%	0.9%	172	-41%	23%	1.0%	
China	226	-54%	2.2%	0.5%	112	-32%	45%	0.7%	
Other	505	-37%	11.4%	1.0%	208	-41%	14.9%	1.2%	
Total	49,091	-6.9%	2.6%	100%	16,785	-7.7%	0.5%	100%	



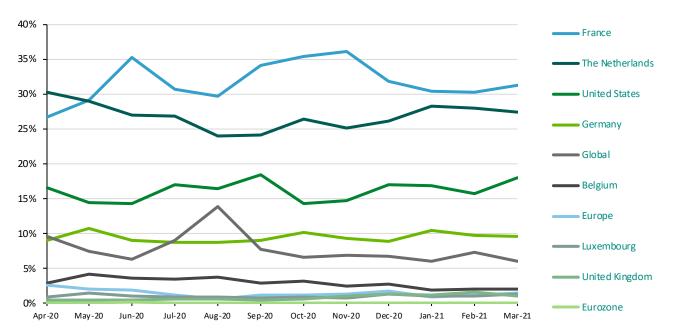
#### Market Trend: Value traded

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.

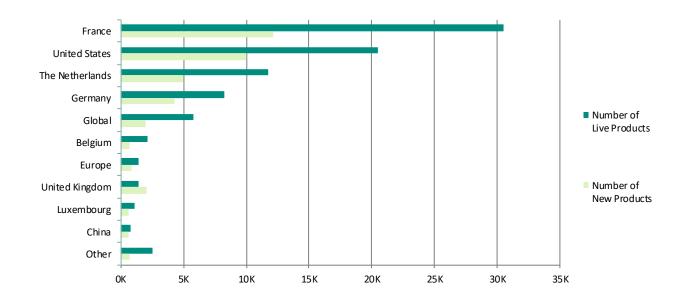


#### **Product Overview**

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.

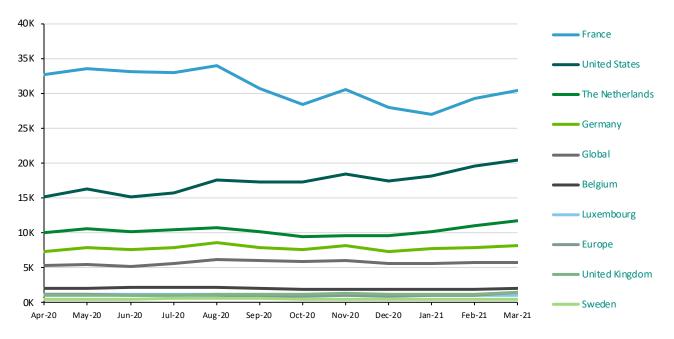
The chart at the bottom of the page represents the number of live products and number of new products for each top 10 underlying country.

	N	umber of Li	ve Products	;	Nu	umber of Ne	ew Products	;
Underlying Countries	Daily	Month	vs. Last	Market	This	Month	vs.Last	Market
	average	on	12	share	month	on	12	share
		month	months			month	months	
France	30,480	3.7%	-1.5%	35.4%	12,151	6.1%	6.9%	31.2%
United States	20,477	4.7%	17.6%	23.8%	10,037	50%	19.4%	25.7%
The Netherlands	11,780	6.7%	14.1%	13.7%	4,958	12.1%	18.9%	12.7%
Germany	8,258	4.8%	5.1%	9.6%	4,298	97%	-7.8%	11.0%
Global	5,772	0.7%	1.2%	6.7%	1,974	3.1%	0.5%	5.1%
Belgium	2,126	10.0%	4.1%	2.5%	711	57%	15.4%	1.8%
Europe	1,437	35%	34%	1.7%	850	499%	238%	2.2%
United Kingdom	1,431	16.4%	21%	1.7%	2,072	662%	290%	5.3%
Luxembourg	1,094	3.5%	-1.1%	1.3%	588	24%	16.8%	1.5%
China	759	13.9%	79%	0.9%	633	9.3%	195%	1.6%
Other	2,531	1.7%	-0.1%	2.9%	730	24%	17.2%	1.9%
Total	86,146	5.0%	6.9%	100%	39,002	33.8%	17.1%	100%



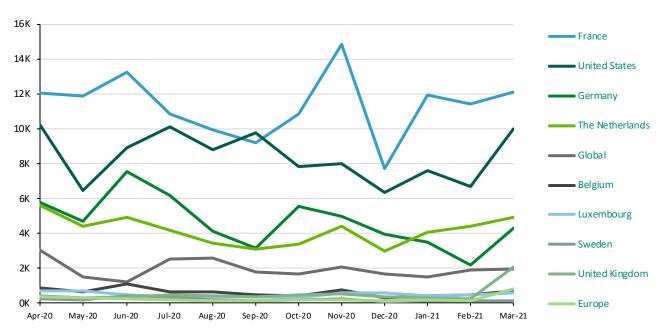
#### **Product Trend: Number of Live Products**

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.

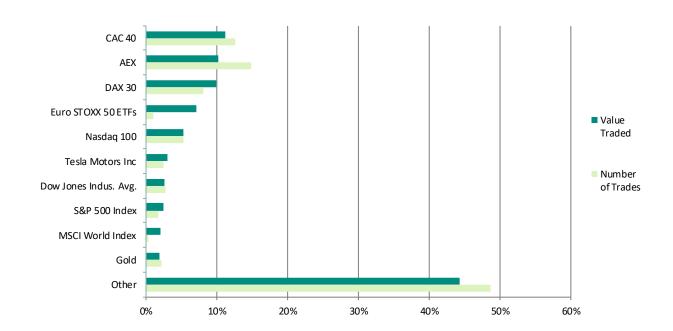


#### **Market Overview**

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.

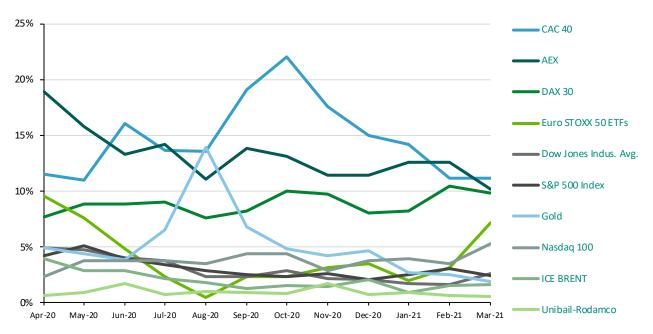
The chart at the bottom of the page represents the weight of each of the top 10 underlyings in terms of value traded and number of trades.

		Value T	raded			Number o	ofTrades	
Underlyings	Daily	Month	vs.Last	Market	Daily	Month	vs.Last	Market
	average	on	12	share	average	on	12	share
	(in €k)	month	months			month	months	
CAC 40	5,499	-6.8%	-21%	11.2%	2,111	-2.7%	-9.5%	12.6%
AEX	5,005	-25%	-22%	10.2%	2,499	-11.1%	-8.3%	14.9%
DAX 30	4,851	-12.1%	13.8%	9.9%	1,360	-13.5%	-2.5%	8.1%
Euro STOXX 50 ETFs	3,507	112%	68%	7.1%	169	29%	18.9%	1.0%
Nasdaq 100	2,581	40%	44%	5.3%	879	37%	46%	5.2%
Tesla Motors Inc	1,477	0.5%	53%	3.0%	420	0.6%	27%	2.5%
Dow Jones Indus. Avg.	1,298	53%	-11.5%	2.6%	467	12.8%	-1.8%	2.8%
S&P 500 Index	1,196	-26%	-22%	2.4%	302	-2.1%	-15.7%	1.8%
MSCI World Index	971	14.6%	69%	2.0%	47	-1.0%	34%	0.3%
Gold	955	-29%	-59%	1.9%	358	-27%	-27%	2.1%
Other	21,750	-13.2%	11.9%	44.3%	8,172	-10.9%	4.6%	48.7%
Total	49,091	-6.9%	2.6%	100%	16,785	-7.7%	0.5%	100%



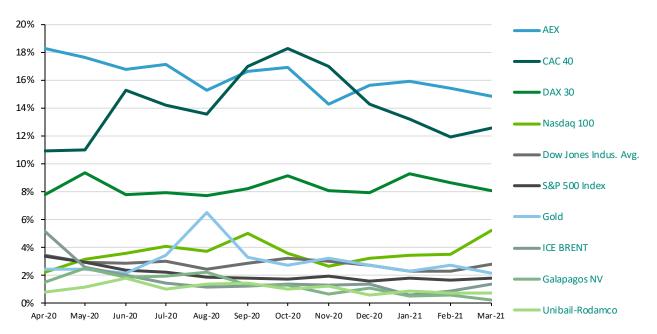
#### Market Trend: Value traded

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.

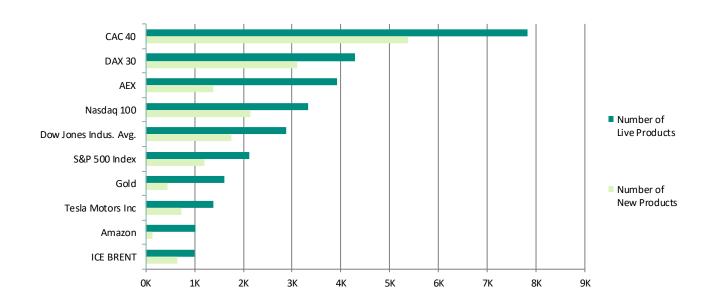


#### **Product Overview**

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.

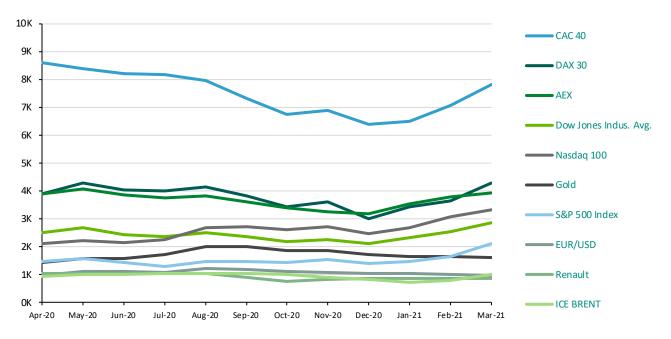
The chart at the bottom of the page represents the number of live products and number of new products for each top 10 underlying.

	N	umber of Li	ve Products		Nu	Number of New Products				
Underlyings	Daily	Month	vs.Last	Market	This	Month	vs.Last	Market		
	average	on	12	share	month	on	12	share		
		month	months			month	months			
CAC 40	7,829	10.6%	4.2%	9.1%	5,375	52%	39%	13.8%		
DAX 30	4,282	16.8%	12.6%	5.0%	3,108	195%	64%	8.0%		
AEX	3,930	3.6%	6.6%	4.6%	1,386	-18.0%	-7.0%	3.6%		
Nasdaq 100	3,327	8.4%	28%	3.9%	2,139	70%	56%	5.5%		
Dow Jones Indus. Avg.	2,870	12.5%	17.8%	3.3%	1,750	120%	55%	4.5%		
S&P 500 Index	2,111	29%	38%	2.5%	1,198	131%	100%	3.1%		
Gold	1,609	-3.4%	-6.9%	1.9%	442	1.1%	-21%	1.1%		
Tesla Motors Inc	1,379	-5.5%	18.7%	1.6%	728	30%	-12.7%	1.9%		
Amazon	1,009	-10.8%	13.5%	1.2%	140	-39%	-67%	0.4%		
ICE BRENT	1,007	27%	6.4%	1.2%	641	42%	57%	1.6%		
Other	56,794	2.9%	4.5%	65.9%	22,095	18.7%	6.5%	56.7%		
Total	86,146	5.0%	6.9%	100%	39,002	33.8%	17.1%	100%		



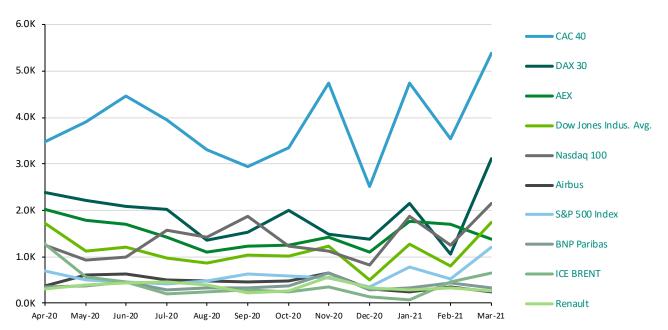
#### **Product Trend: Number of Live Products**

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

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

Trac	lue	
ISIN Code Issuer Product Type Underlying (in		lb of
	€k) Tr	
	5,052	1,239
PTBITTYE0094 BCP 1300   Tracker Certificates MSCI World Index 22,	2,343	1,076
PTBITHYM0080BCP1300   Tracker CertificatesS&P 500 Index12,	2,404	801
PTBIVRYE0068 BCP 1300   Tracker Certificates Euro STOXX 50 10,	),239	618
NL00150003R3 ING 2100   Warrants Euro STOXX 50 ETFs 8,	3,826	861
DE000SD3XD63 Société Générale 2205 Open-End Knock-Out Warrants AEX 7,	,627	2,644
FRBNPP02DE19         BNP Paribas         2200         Knock-Out Warrants         DAX 30         7	,582	199
NL00150003S1 ING 2100 Warrants Euro STOXX 50 ETFs 7	,013	746
	5,969	332
		4,714
	,553	145
	,118	169
	,071	78
	,069	1,358
	3,936	226
	3,927	85
	3,773	343
	3,643	186
	3,452	1,594
	3,240	659
	3,240 3,175	25
	3,173 3,017	104
	2,987	104
	2,899	70
	2,852	55
	2,840	99
	2,829	114
	2,817	128
	2,657	108
	,	225
	2,558	630
	2,521	33
	2,422	
	2,376	143
	2,255	695
	2,208	583
	2,204	202
	2,184	39
	2,132	20
	,993	30
	,992	48
	.,930	174
	,908	25
	,826	339
	.,824	152
	,807	55
	,803	603
	.,788	50
	,766	189
	.,755	154
DE000SD1BBE0 Société Générale 2100   Warrants Renault 1, (Source Euronext)	.,751	116



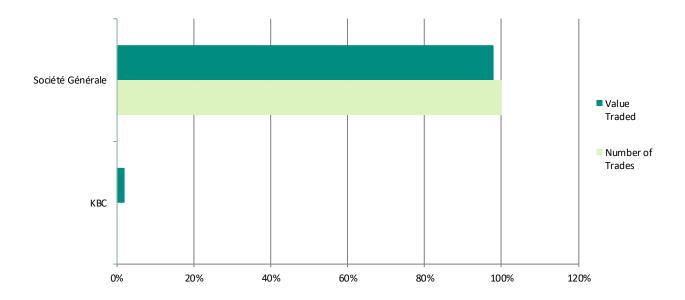
# **Euroclear Belgium Instruments**

#### **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.

		Value T	raded			Number of Trades				
Issuers	Daily	Month	vs.Last	Market	Daily	Month	vs.Last	Market		
	average	on	12	share	average	on	12	share		
	(in €k)	month	months			month	months			
Société Générale	403	28%	-9.7%	97.9%	324	2.8%	17.7%	100.0%		
КВС	9	-97%	-91%	2.1%	0.1	-96.7%	-89.1%	0.0%		
Total	412	-34.6%	-24.4%	100%	324	1.9%	17.4%	100%		



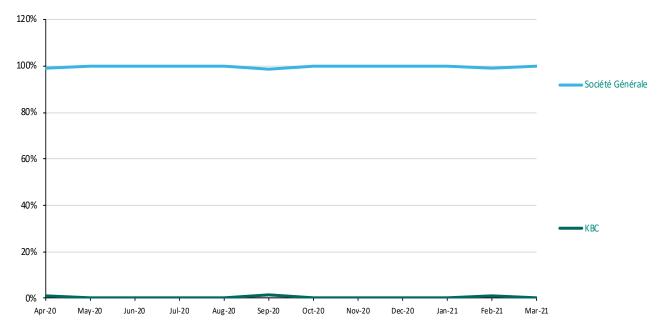
## Market Trend: Value traded

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.

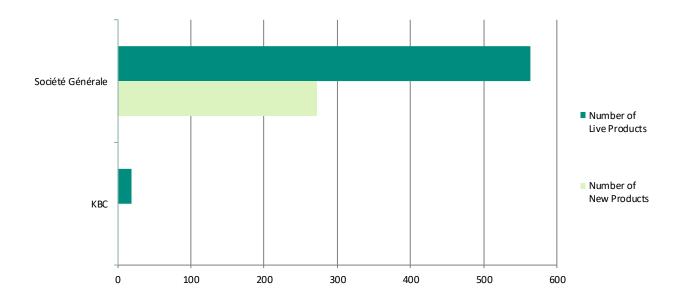


#### **Product Overview**

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.

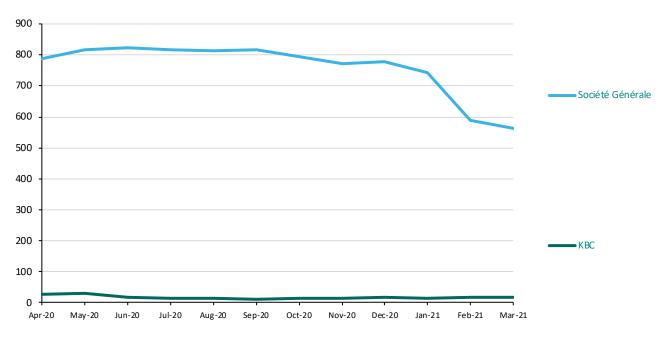
The chart at the bottom of the page represents the number of live products and number of new products for each issuer.

	Number of Live Products				N	umber of Ne	ew Products			
Issuers	Daily	Month	vs.Last	Market	This	Month	vs.Last	Market		
	average	on	12	share	month	on	12	share		
		month	months			month	months			
Société Générale	563	-4.2%	-26%	96.9%	272	2.6%	-22%	99.6%		
КВС	18	4.4%	5.1%	3.1%	1	-75%	-43%	0.4%		
Total	582	-4.0%	-25.2%	100%	273	1.5%	-21.8%	100%		



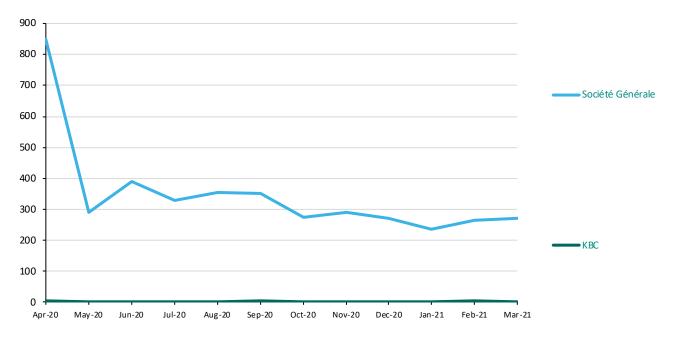
## Product Trend: Number of Live Products

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.

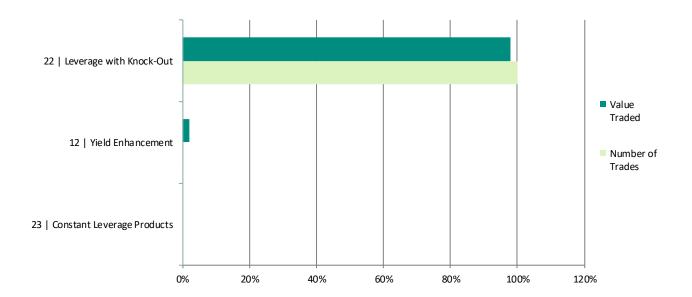


#### **Market Overview**

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

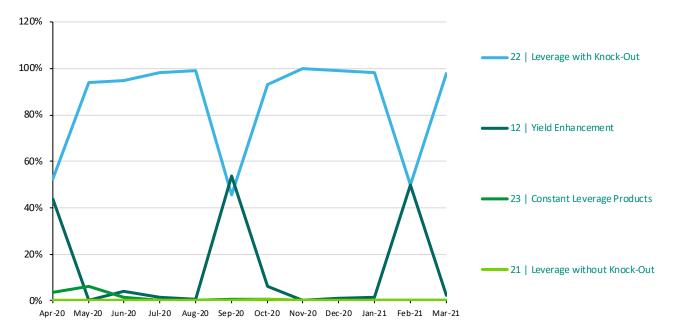
The chart at the bottom of the page represents the weight of each product type in terms of value traded and number of trades.

	Value Traded Number of Trades							
Product Types	Daily	Month	vs.Last	Market	Daily	Month	vs.Last	Market
(EUSIPA Categorization Level 2)	average	on	12	share	average	on	12	share
	(in €k)	month	months			month	months	
22   Leverage with Knock-Out	403	28%	-8.7%	97.9%	324	2.8%	19.1%	100.0%
12   Yield Enhancement	9	-97%	-91%	2.1%	0.1	-96.7%	-89.0%	0.0%
23   Constant Leverage Products	0	-100%	-100%	0.0%	0.0	-100.0%	-100.0%	0.0%
Total	412	-34.6%	-24.4%	100%	324	1.9%	17.4%	100%



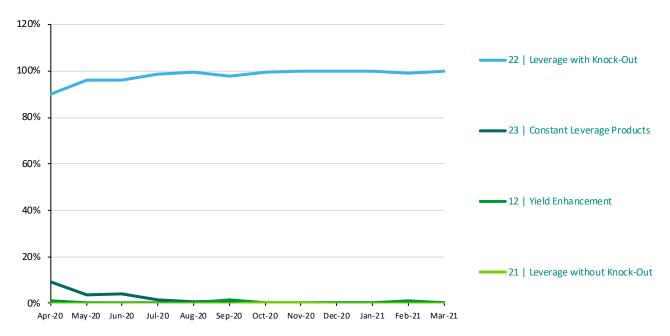
#### Market Trend: Value traded

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.

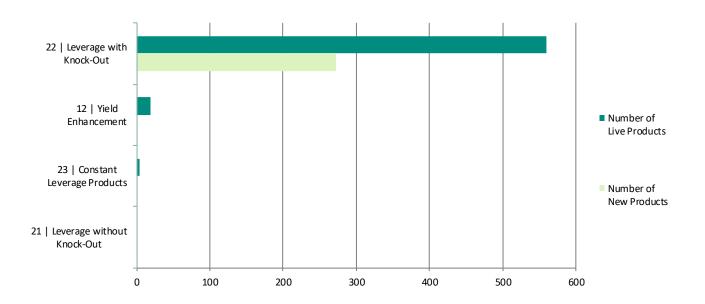


## **Product Overview**

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

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

	N	umber of Li	ve Product	S	N	umber of Ne	ew Product	S
Product Types	Daily	Month	vs.Last	Market	This	Month	vs.Last	Market
(EUSIPA Categorization Level 2)	average	on	12	share	month	on	12	share
		month	months			month	months	
22   Leverage with Knock-Out	560	-3.6%	-22%	96.3%	272	2.6%	-22%	99.6%
12   Yield Enhancement	18	4.4%	21%	3.1%	0	-100%	-100%	0.0%
23   Constant Leverage Products	3	-55%	-92%	0.5%	0			0.0%
21   Leverage without Knock-Out	0		-100%	0.0%	1	0.0%	0.0%	0.4%
Total	582	-4.0%	-25.2%	100%	273	1.5%	-21.8%	100%



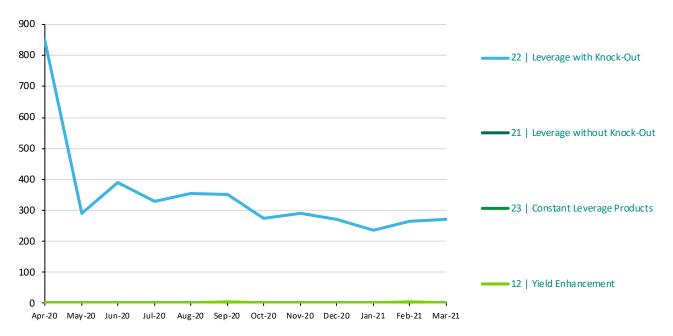
## **Product Trend: Number of Live Products**

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.

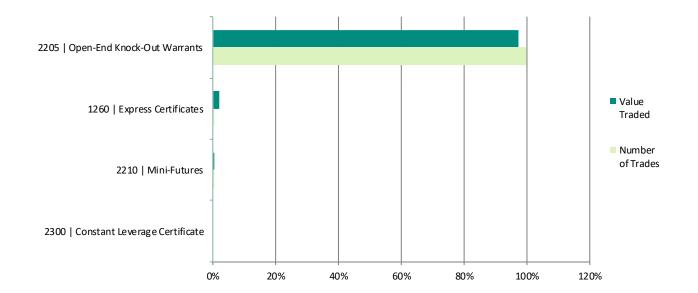


#### **Market Overview**

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

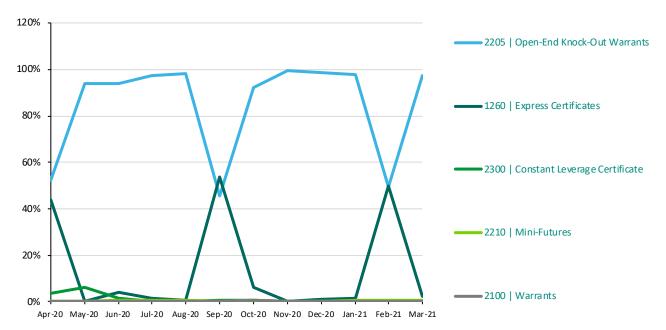
The chart at the bottom of the page represents the weight of each product type in terms of value traded and number of trades.

	Value Traded Number of Trades							
Product Types	Daily	Month	vs.Last	Market	Daily	Month	vs.Last	Market
(EUSIPA Categorization Level 3)	average	on	12	share	average	on	12	share
	(in €k)	month	months			month	months	
2205   Open-End Knock-Out Warrants	401	29%	-8.7%	97.4%	324	3.0%	19.3%	99.8%
1260   Express Certificates	9	-97%	-91%	2.1%	0.1	-97%	-89%	0.0%
2210   Mini-Futures	2	-27%	-8.8%	0.5%	0.5	-50%	-47%	0.1%
2300   Constant Leverage Certificate	0	-100%	-100%	0.0%	0.0	-100%	-100%	0.0%
Total	412	-34.6%	-24.4%	100%	324	1.9%	17.4%	100%



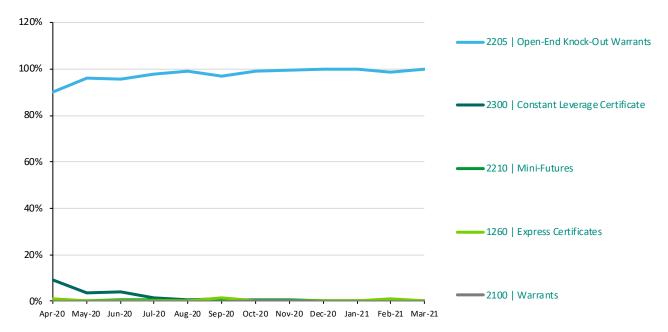
#### Market Trend: Value traded

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.

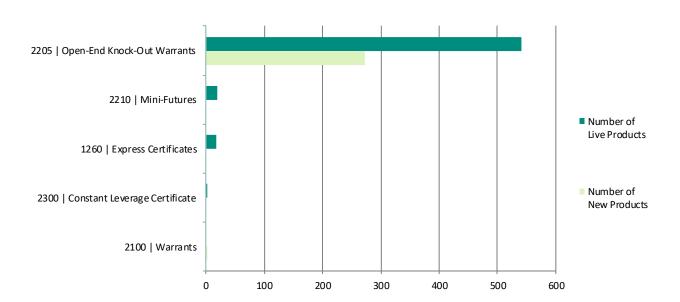


## **Product Overview**

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

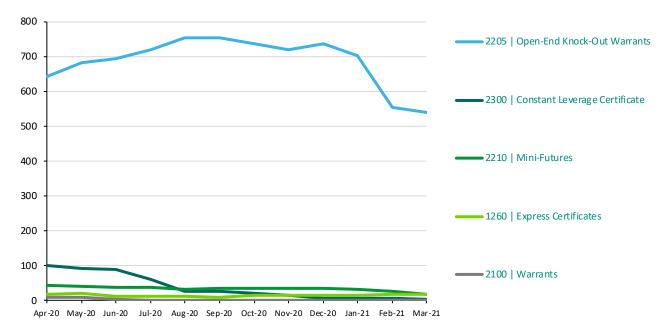
The chart at the bottom of the page represents the number of live products and number of new products for each product type.

	N	umber of Li	ve Products	S	Nu	umber of Ne	ew Product	5
Product Types	Daily	Month	vs.Last	Market	This	Month	vs.Last	Market
(EUSIPA Categorization Level 3)	average	on	12	share	month	on	12	share
		month	months			month	months	
2205   Open-End Knock-Out Warrants	541	-2.4%	-21%	93.1%	272	2.6%	-17.9%	99.6%
2210   Mini-Futures	19	-28%	-45%	3.3%	0		-100%	0.0%
1260   Express Certificates	18	4.4%	21%	3.1%	0	-100%	-100%	0.0%
2300   Constant Leverage Certificate	3	-55%	-92%	0.5%	0			0.0%
2100   Warrants	0		-100%	0.0%	1	0.0%	0.0%	0.4%
Total	582	-4.0%	-25.2%	100%	273	1.5%	-21.8%	100%



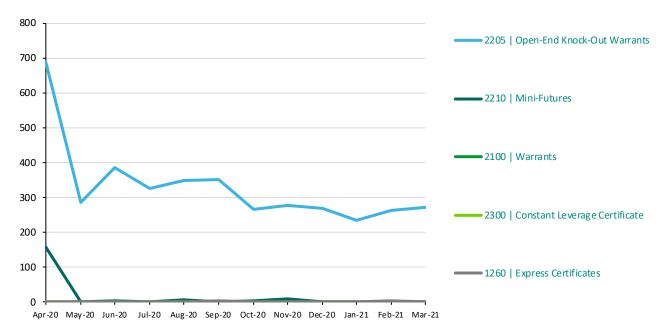
## Product Trend: Number of Live Products

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.

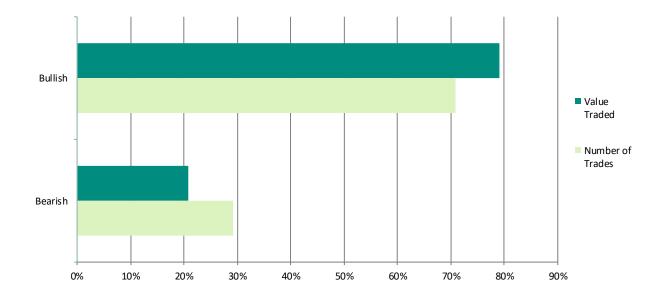


#### **Market Overview**

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.

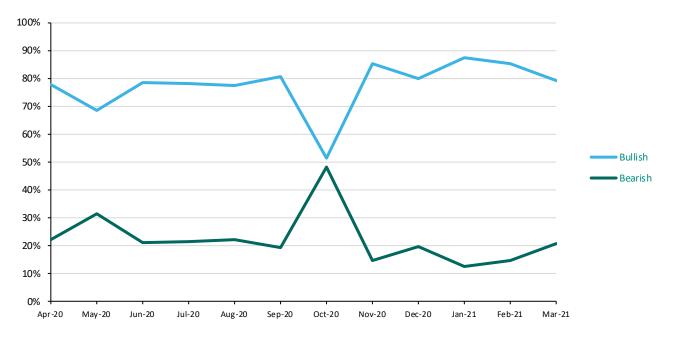
The chart at the bottom of the page represents the weight of each product strategy in terms of value traded and number of trades.

	Value Traded Number of Trades							
Product Strategies	Daily	Month	vs.Last	Market	Daily	Month	vs.Last	Market
	average	on	12	share	average	on	12	share
	(in €k)	month	months			month	months	
Bullish	326	-39%	-23%	79.2%	230	23.4%	33.9%	70.9%
Bearish	86	-6.9%	-28%	20.8%	95	-28%	-9.7%	29.1%
Total	412	-34.6%	-24.4%	100%	324	1.9%	17.4%	100%



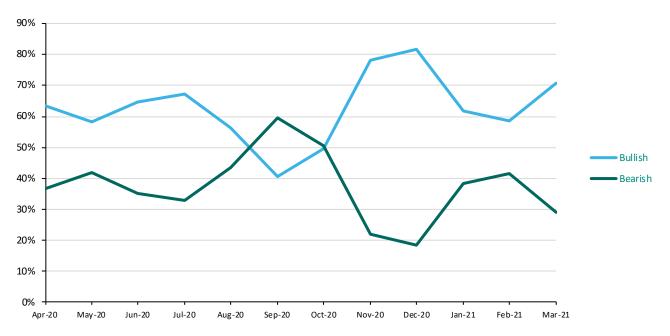
#### Market Trend: Value traded

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.

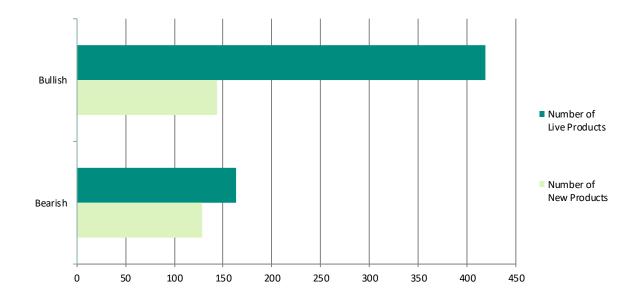


#### **Product Overview**

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.

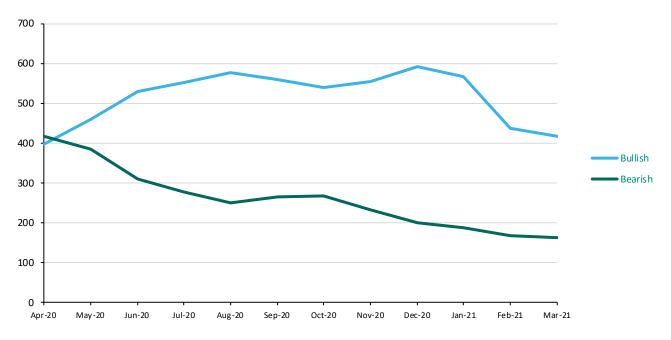
The chart at the bottom of the page represents the number of live products and number of new products for each product strategy.

	Number of Live Products				N	umber of Ne	New Products			
Strategies	Daily	Month	vs.Last	Market	This	Month	vs. Last	Market		
	average	on	12	share	month	on	12	share		
		month	months			month	months			
Bullish	419	-4.2%	-18.9%	72.0%	144	-4.6%	-34%	52.7%		
Bearish	163	-3.3%	-38%	28.0%	129	9.3%	-1.3%	47.3%		
Total	582	-4.0%	-25.2%	100%	273	1.5%	-21.8%	100%		



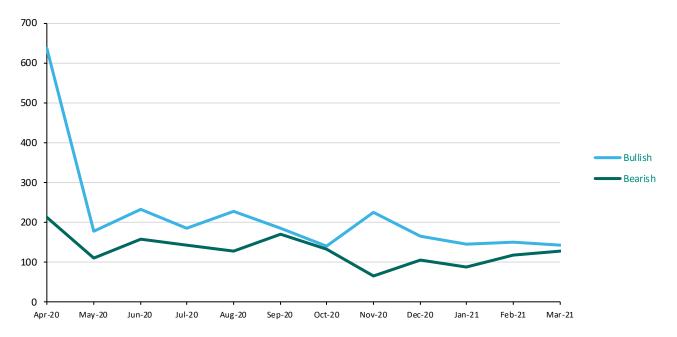
## **Product Trend: Number of Live Products**

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.

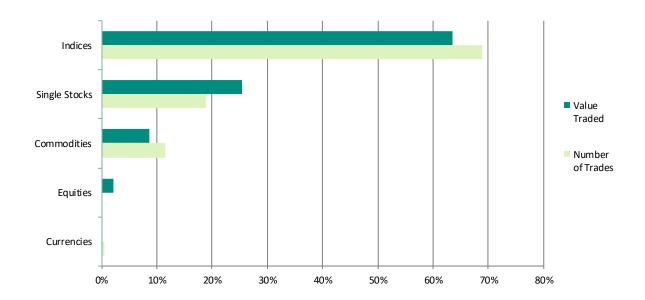


#### **Market Overview**

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.

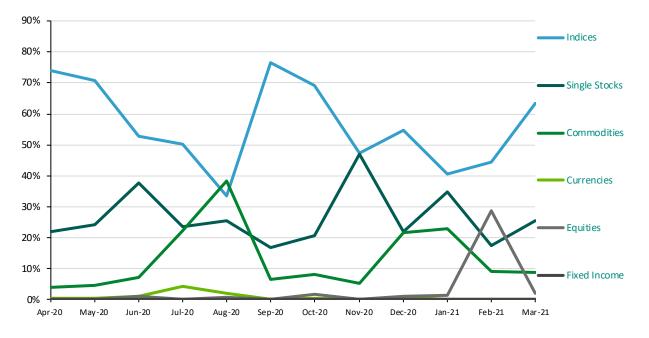
The chart at the bottom of the page represents the weight of each underlying type in terms of value traded and number of trades.

		Value T	raded			Number c	ofTrades	
Underlying Types	Daily	Month	vs.Last	Market	Daily	Month	vs.Last	Market
	average	on	12	share	average	on	12	share
	(in €k)	month	months			month	months	
Indices	262	-6.8%	-16.8%	63.5%	224	10.4%	35.0%	68.9%
Single Stocks	105	-5.1%	-24%	25.4%	61	-20.8%	-12.2%	18.9%
Commodities	36	-37%	-50%	8.7%	38	8.5%	4.2%	11.6%
Equities	9	-95%	-49%	2.1%	0.1	-94.6%	-42.9%	0.0%
Currencies	1	-11.0%	-83%	0.2%	1.9	-11.0%	-60.5%	0.6%
Total	412	-34.6%	-24.4%	100%	324	1.9%	17.4%	100%



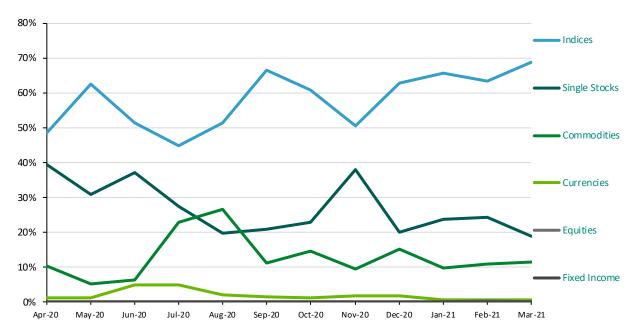
#### Market Trend: Value traded

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.

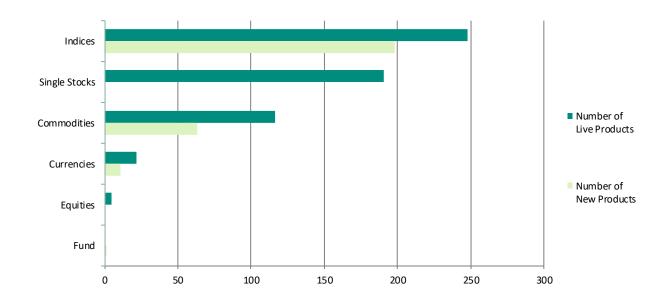


#### **Product Overview**

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.

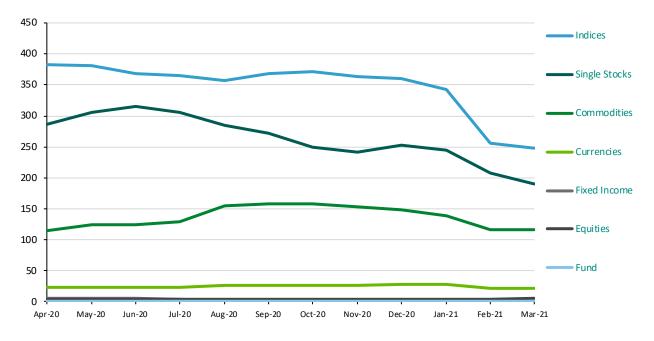
The chart at the bottom of the page represents the number of live products and number of new products for each underlying type.

	Nu	umber of Li	ve Product	S	N	umber of Ne	ew Products	s
Underlying Types	Daily	Month	vs.Last	Market	This	Month	vs. Last	Market
	average	on	12	share	month	on	12	share
		month	months			month	months	
Indices	248	-3.2%	-28%	42.7%	198	10.6%	-3.0%	72.5%
Single Stocks	191	-8.0%	-28%	32.8%	0		-100%	0.0%
Commodities	117	0.3%	-14.6%	20.0%	63	-23%	-23%	23.1%
Currencies	21	-0.8%	-14.7%	3.7%	11	83%	48%	4.0%
Equities	5	15.2%	24%	0.8%	0	-100%	-100%	0.0%
Fund	0			0.0%	1	0.0%	0.0%	0.4%
Total	582	-4.0%	-25.2%	100%	273	1.5%	-21.8%	100%



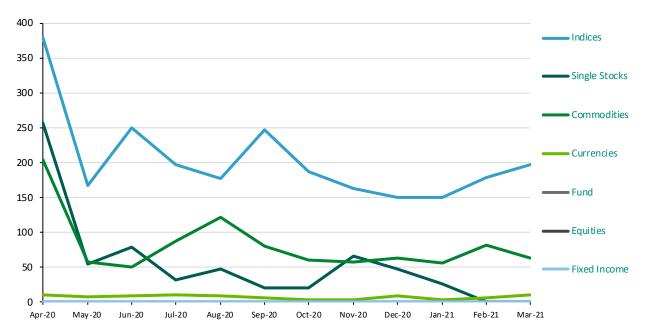
## **Product Trend: Number of Live Products**

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.

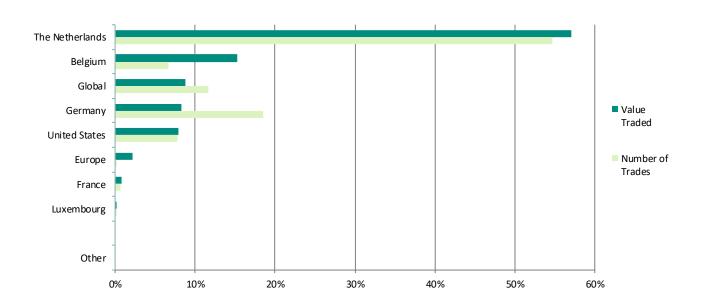


#### **Market Overview**

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.

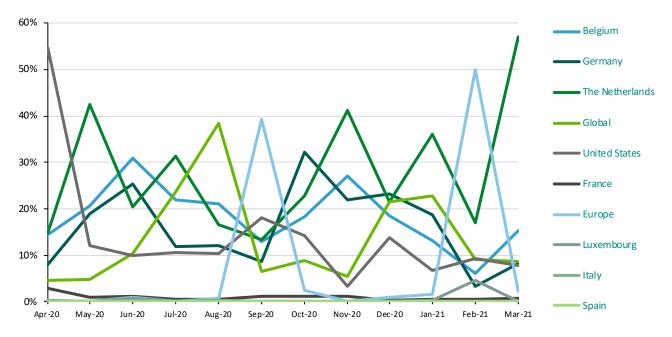
The chart at the bottom of the page represents the weight of each underlying country of origin in terms of value traded

		Value T	raded			Number o	fTrades	
Underlying Countries	Daily	Month	vs.Last	Market	Daily	Month	vs.Last	Market
	average	on	12	share	average	on	12	share
	(in €k)	month	months			month	months	
The Netherlands	235	121%	64%	57.1%	178	24.9%	77.6%	54.8%
Belgium	63	63%	-34%	15.2%	22	-18.0%	-48%	6.7%
Global	36	-38%	-51%	8.7%	38	8.4%	4.1%	11.6%
Germany	34	65%	-59%	8.2%	60	-12.3%	-4.6%	18.5%
United States	32	-45%	-59%	7.8%	25	-29%	-19.2%	7.7%
Europe	9	-97%	-86%	2.1%	0.1	-97%	-85%	0.0%
France	3	-15.0%	-42%	0.7%	1.9	-65%	-35%	0.6%
Luxembourg	0	-99%	-90%	0.1%	0.6	-83%	-65%	0.2%
Other	0	-100%	-100%	0.0%	0.0	-100%	-100%	0.0%
Total	412	-34.6%	-24.4%	100%	324	1.9%	17.4%	100%



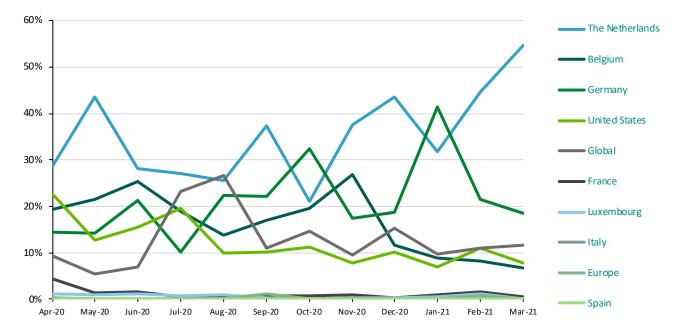
#### Market Trend: Value traded

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.

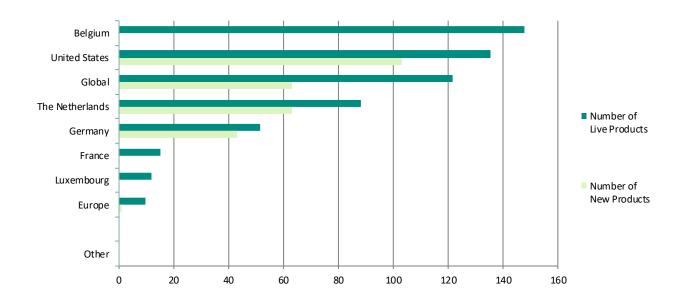


#### **Product Overview**

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.

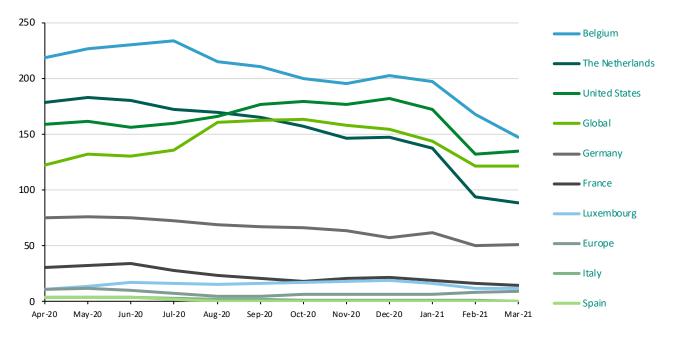
The chart at the bottom of the page represents the number of live products and number of new products for each top

	N	umber of Li	ve Products	s	N	umber of Ne	ew Products	5
Underlying Countries	Daily	Month	vs.Last	Market	This	Month	vs. Last	Market
	average	on	12	share	month	on	12	share
		month	months			month	months	
Belgium	148	-12.1%	-27%	25.4%	0		-100%	0.0%
United States	135	2.1%	-17.1%	23.3%	103	54%	15.8%	37.7%
Global	122	-0.2%	-14.5%	20.9%	63	-23%	-21%	23.1%
The Netherlands	88	-6.2%	-42%	15.2%	63	-22%	-15.9%	23.1%
Germany	52	1.9%	-21%	8.9%	43	23%	-5.7%	15.8%
France	15	-8.5%	-36%	2.6%	0		-100%	0.0%
Luxembourg	12	0.0%	-22%	2.1%	0		-100%	0.0%
Europe	10	13.2%	21%	1.6%	1	-75%	-43%	0.4%
Other	0	-100%	-100%	0.0%	0			0.0%
Total	582	-4.0%	-25.2%	100%	273	1.5%	-21.8%	100%



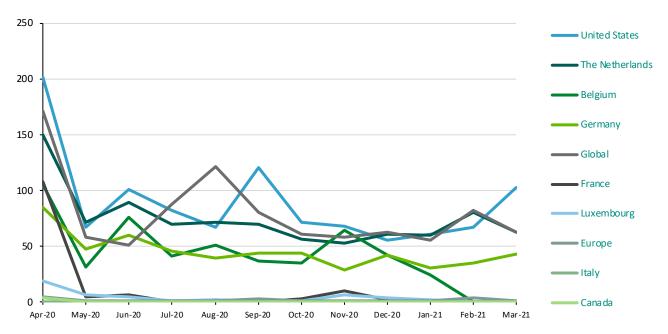
## **Product Trend: Number of Live Products**

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.

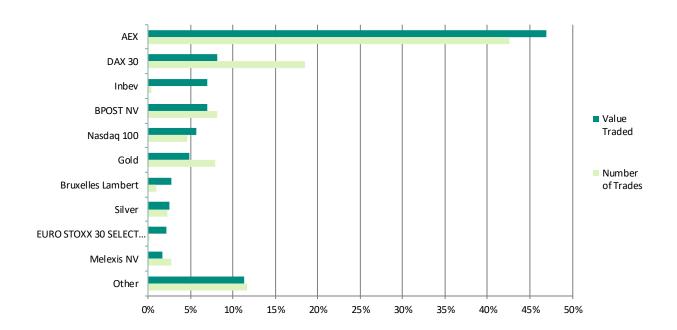


#### **Market Overview**

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.

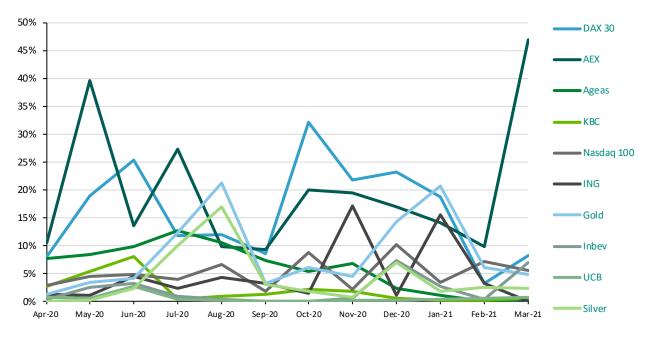
The chart at the bottom of the page represents the weight of each of the top 10 underlyings in terms of value traded and number of trades.

		Value T	raded			Number c	fTrades	
Underlyings	Daily	Month	vs.Last	Market	Daily	Month	vs. Last	Market
	average	on	12	share	average	on	12	share
	(in €k)	month	months			month	months	
AEX	193	210%	92%	46.9%	138	42.9%	93.1%	42.6%
DAX 30	34	65%	-59%	8.2%	60	-12.3%	-4.6%	18.5%
Inbev	29	NA	184%	7.0%	1.3	-26%	-46%	0.4%
BPOST NV	29	186%	252%	7.0%	27	126%	203%	8.2%
Nasdaq 100	23	-49%	-12.7%	5.7%	15	-21%	22%	4.7%
Gold	20	-49%	-56%	4.9%	26	33%	6.1%	8.0%
Bruxelles Lambert	11	8.5%	165%	2.7%	3.3	-9.5%	94%	1.0%
Silver	10	-38%	-55%	2.5%	7.4	-46%	-22%	2.3%
EURO STOXX 30 SELECT DIVIDEND	9	-95%	-49%	2.1%	0.1	-95%	-43%	0.0%
Melexis NV	7	75%	189%	1.7%	8.9	322%	317%	2.7%
Other	47		-79%	11.4%	38	-53%	-53%	11.7%
Total	412	-34.6%	-24.4%	100%	324	1.9%	17.4%	100%



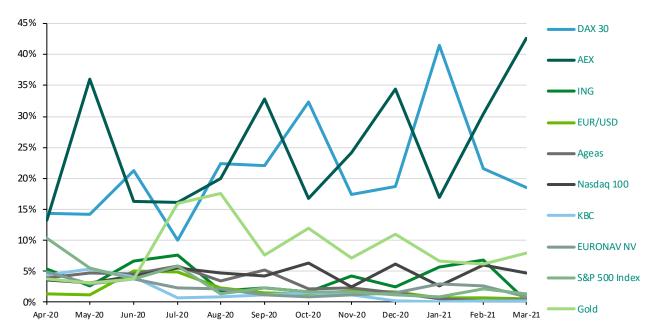
#### Market Trend: Value traded

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.

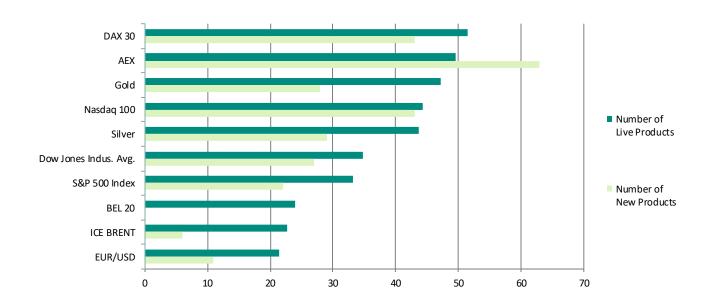


#### **Product Overview**

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.

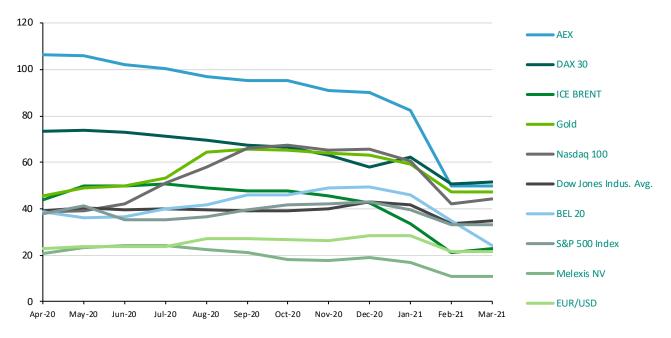
The chart at the bottom of the page represents the number of live products and number of new products for each top 10 underlying.

	N	umber of Li	ve Products	;	Number of New Products				
Underlyings	Daily	Month	vs.Last	Market	This	Month	vs.Last	Market	
	average	on	12	share	month	on	12	share	
		month	months			month	months		
DAX 30	52	1.9%	-21%	8.9%	43	23%	-5.1%	15.8%	
AEX	50	-0.4%	-44%	8.5%	63	-22%	-0.4%	23.1%	
Gold	47	0.1%	-15.9%	8.1%	28	7.7%	-3.2%	10.3%	
Nasdaq 100	44	4.8%	-16.9%	7.6%	43	26%	21%	15.8%	
Silver	44	-2.6%	18.0%	7.5%	29	-37%	-17.3%	10.6%	
Dow Jones Indus. Avg.	35	3.8%	-11.0%	6.0%	27	125%	17.8%	9.9%	
S&P 500 Index	33	0.4%	-13.1%	5.7%	22	47%	13.8%	8.1%	
BEL 20	24	-31%	-41%	4.1%	0		-100%	0.0%	
ICE BRENT	23	6.8%	-46%	3.9%	6	-40%	-61%	2.2%	
EUR/USD	21	-0.8%	-14.7%	3.7%	11	83%	48%	4.0%	
Other	209	-7.8%	-28%	35.9%	1			0.4%	
Total	582	-4.0%	-25.2%	100%	273	1.5%	-21.8%	100%	



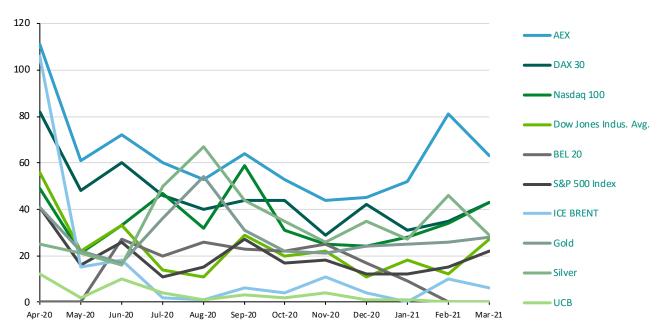
## **Product Trend: Number of Live Products**

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

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.

					Malua	
					Value	
					Traded	Nb of
ISIN Code	Issuer		Product Type	Underlying	(in €k)	Trades
DE000SR8E9N2	Société Générale	2205	Open-End Knock-Out Warrants	AEX	3,452	1,594
DE000SD1B1N9	Société Générale	2205	Open-End Knock-Out Warrants	Inbev	600	14
DE000SD1B1T6	Société Générale	2205	Open-End Knock-Out Warrants	Bruxelles Lambert	231	51
DE000SD4D5K1	Société Générale	2205	Open-End Knock-Out Warrants	AEX	206	767
DE000SD3ZHE2	Société Générale	2205	Open-End Knock-Out Warrants	Nasdaq 100	182	55
DE000SD133G2	Société Générale	2205	Open-End Knock-Out Warrants	BPOST NV	156	107
DE000SD4KSG4	Société Générale	2205	Open-End Knock-Out Warrants	AEX	133	109
DE000SD2YW03	Société Générale	2205	Open-End Knock-Out Warrants	BPOST NV	125	100
DE000SD44YS1	Société Générale	2205	Open-End Knock-Out Warrants	DAX 30	118	40
DE000SD322N7	Société Générale	2205	Open-End Knock-Out Warrants	ICE BRENT	108	72
DE000SD4GBT1	Société Générale	2205	Open-End Knock-Out Warrants	AEX	106	37
LU2063488956	КВС	1260	Express Certificates	EURO STOXX 30 SELECT DIVIDEN	101	1
LU2306564522	КВС	1260	Express Certificates	EURO STOXX 30 SELECT DIVIDEN	101	1
DE000SB4AGF4	Société Générale	2205	Open-End Knock-Out Warrants	BPOST NV	91	130
DE000SD375C8	Société Générale	2205	Open-End Knock-Out Warrants	Gold	88	58
DE000SD2MB28	Société Générale	2205	Open-End Knock-Out Warrants	DAX 30	87	880
DE000SB4AGE7	Société Générale	2205	Open-End Knock-Out Warrants	BPOST NV	85	106
DE000SD4H2G2	Société Générale	2205	Open-End Knock-Out Warrants	DAX 30	84	36
DE000SD374Z2	Société Générale	2205	Open-End Knock-Out Warrants	DAX 30	82	95
DE000SB36RA3	Société Générale	2205	Open-End Knock-Out Warrants	BPOST NV	75	54
DE000SD2YW11	Société Générale	2205	Open-End Knock-Out Warrants	BPOST NV	74	55
			Open-End Knock-Out Warrants	Nasdaq 100	69	14
			Open-End Knock-Out Warrants	Silver	68	11
			Open-End Knock-Out Warrants	Gold	66	82
DE000SD4GAU1	Société Générale	2205	Open-End Knock-Out Warrants	Silver	64	32
DE000SD4H2F4	Société Générale	2205	Open-End Knock-Out Warrants	AEX	60	49
DE000SD4ACB0	Société Générale	2205	Open-End Knock-Out Warrants	Gold	58	135
DE000SD4CCL5	Société Générale	2205	Open-End Knock-Out Warrants	Gold	57	76
DE000SD11QZ1	Société Générale	2205	Open-End Knock-Out Warrants	Melexis NV	57	42
DE000SD4N0R5	Société Générale	2205	Open-End Knock-Out Warrants	Nasdaq 100	54	49
DE000SD2U1Y2	Société Générale	2205	Open-End Knock-Out Warrants	S&P 500 Index	53	12
DE000SD44YR3	Société Générale	2205	Open-End Knock-Out Warrants	DAX 30	51	20
DE000SD4KRY9	Société Générale	2205	Open-End Knock-Out Warrants	Nasdaq 100	50	31
DE000SD2JF03	Société Générale	2205	Open-End Knock-Out Warrants	DAX 30	49	10
DE000SD4GBW5	Société Générale	2205	Open-End Knock-Out Warrants	DAX 30	47	22
DE000SD322Y4	Société Générale	2205	Open-End Knock-Out Warrants	AEX	46	24
DE000SB0K2C4	Société Générale	2205	Open-End Knock-Out Warrants	Inbev	45	8
DE000SD3ZHL7	Société Générale	2205	Open-End Knock-Out Warrants	AEX	45	46
DE000SD1NCG8	Société Générale	2205	Open-End Knock-Out Warrants	Total	43	9
DE000SD11QW8	Société Générale	2205	Open-End Knock-Out Warrants	EURONAV NV	41	19
DE000SD121G7	Société Générale	2205	Open-End Knock-Out Warrants	Ontex Group Ord Shs	40	47
DE000SD39AJ0	Société Générale	2205	Open-End Knock-Out Warrants	AEX	38	32
			Open-End Knock-Out Warrants	DAX 30	37	4
DE000SD3GT33	Société Générale	2205	Open-End Knock-Out Warrants	AEX	37	26
			Open-End Knock-Out Warrants	AEX	37	32
DE000SD1TT97	Société Générale	2205	Open-End Knock-Out Warrants	Nasdaq 100	36	51
			Open-End Knock-Out Warrants	EURONÁV NV	35	29
			Open-End Knock-Out Warrants	BPOST NV	35	38
			Open-End Knock-Out Warrants	DAX 30	34	22
			Open-End Knock-Out Warrants	UCB	34	
(Source Euronext						



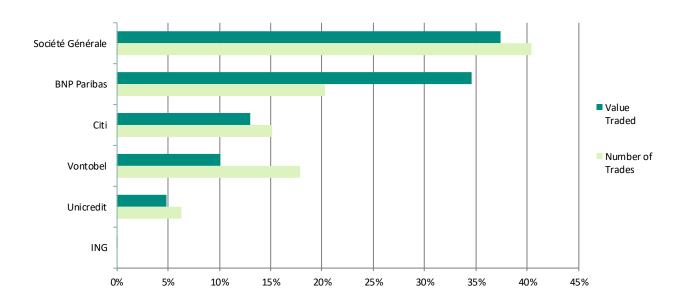
# **Euroclear France Instruments**

#### **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.

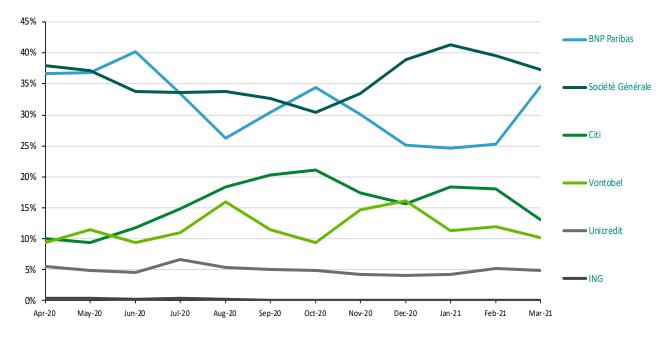
The chart at the bottom of the page represents the weight of each issuer in terms of value traded and number of trades.

		Value T	raded					
Issuers	Daily	Month	vs.Last	Market	Daily	Month	vs.Last	Market
	average	on	12	share	average	on	12	share
	(in €k)	month	months			month	months	
Société Générale	9,034	2.9%	14.6%	37.4%	3,388	-0.8%	9.3%	40.5%
BNP Paribas	8,366	49%	18.3%	34.6%	1,696	11.7%	-1.7%	20.3%
Citi	3,144	-21%	-7.1%	13.0%	1,265	-11.8%	0.9%	15.1%
Vontobel	2,445	-7.3%	-4.5%	10.1%	1,497	5.7%	14.8%	17.9%
Unicredit	1,162	1.1%	6.8%	4.8%	529	-9.0%	2.3%	6.3%
ING	10	-62%	-73%	0.0%	0.7	-56.5%	-92.4%	0.0%
Total	24,161	8.8%	9.7%	100%	8,375	0.1%	5.9%	100%



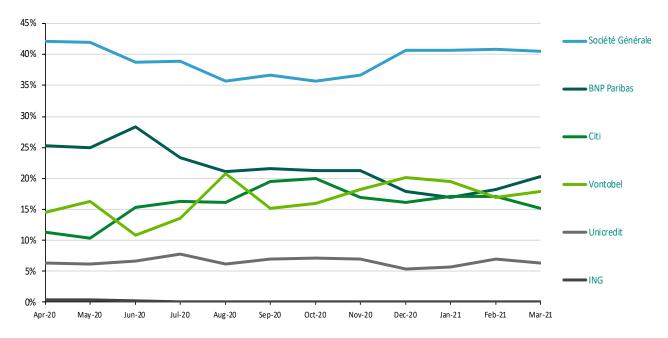
## Market Trend: Value traded

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.

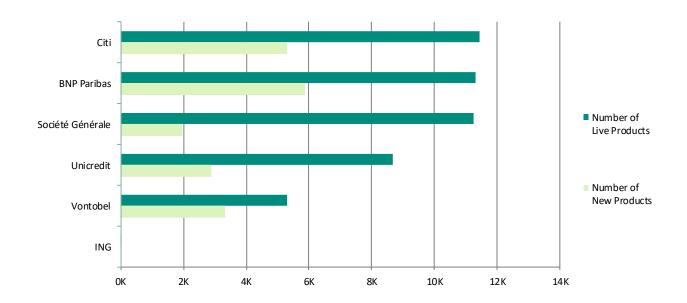


#### **Product Overview**

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.

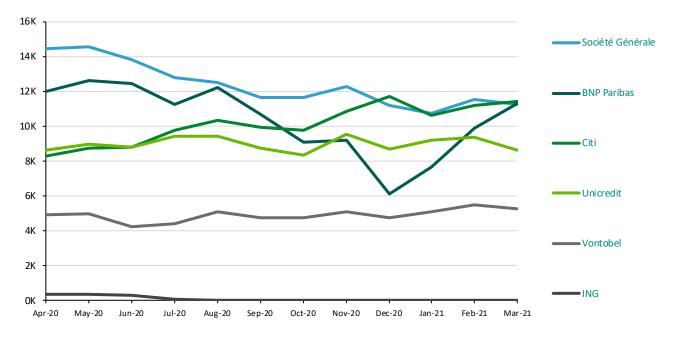
The chart at the bottom of the page represents the number of live products and number of new products for each issuer.

	Number of Live Products				Number of New Products				
Issuers	Daily	Month	vs.Last	Market	This	Month	vs.Last	Market	
	average	on	12	share	month	on	12	share	
		month	months			month	months		
Citi	11,449	1.9%	12.8%	23.9%	5,301	19.7%	16.9%	27.4%	
BNP Paribas	11,307	14.0%	8.8%	23.6%	5,885	13.4%	48%	30.4%	
Société Générale	11,265	-2.6%	-9.0%	23.5%	1,954	-40%	-33%	10.1%	
Unicredit	8,664	-7.9%	-3.6%	18.1%	2,895	104%	21%	15.0%	
Vontobel	5,291	-4.1%	7.4%	11.0%	3,324	3.4%	7.7%	17.2%	
ING	16	-32%	-86%	0.0%	0		-100%	0.0%	
Total	47,992	0.7%	2.2%	100%	19,359	10.7%	14.4%	100%	



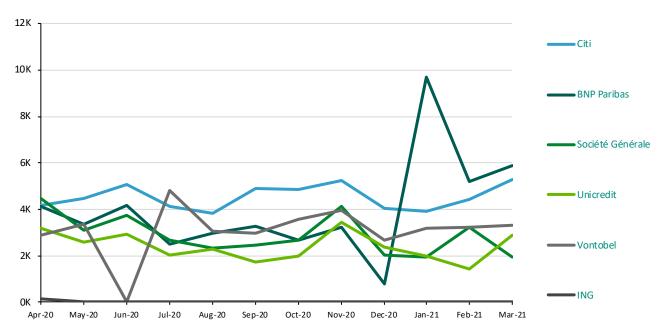
## Product Trend: Number of Live Products

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.

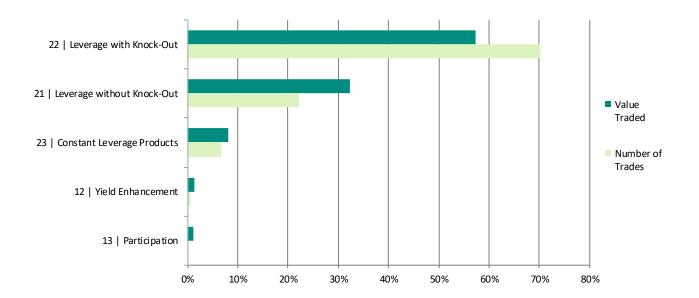


#### **Market Overview**

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

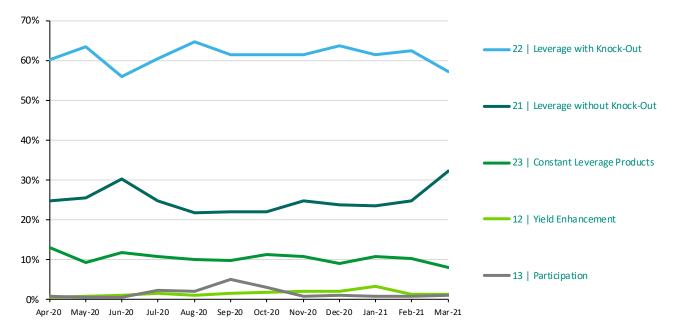
The chart at the bottom of the page represents the weight of each product type in terms of value traded and number of trades.

	Value Traded				Number of Trades				
Product Types	Daily	Month	vs.Last	Market	Daily	Month	vs.Last	Market	
(EUSIPA Categorization Level 2)	average	on	12	share	average	on	12	share	
	(in €k)	month	months			month	months		
22   Leverage with Knock-Out	13,832	-0.5%	3.1%	57.2%	5,891	-1.1%	7.5%	70.3%	
21   Leverage without Knock-Out	7,795	42%	39%	32.3%	1,862	5.9%	10.2%	22.2%	
23   Constant Leverage Products	1,972	-14.2%	-14.8%	8.2%	556	-4.2%	-15.1%	6.6%	
12   Yield Enhancement	307	-2.2%	-6.2%	1.3%	49	5.6%	-8.6%	0.6%	
13   Participation	255	32%	-28%	1.1%	18	-22.8%	-42.4%	0.2%	
Total	24,161	8.8%	9.7%	100%	8,375	0.1%	5.9%	100%	



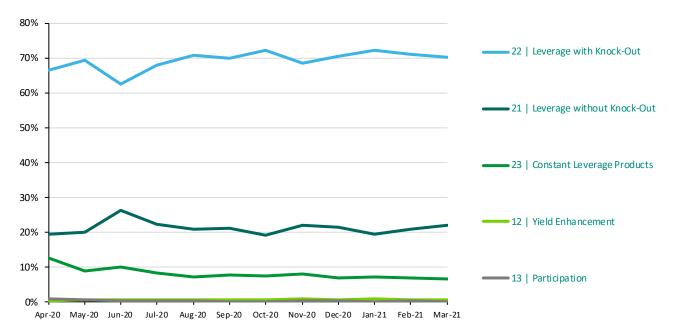
#### Market Trend: Value traded

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.

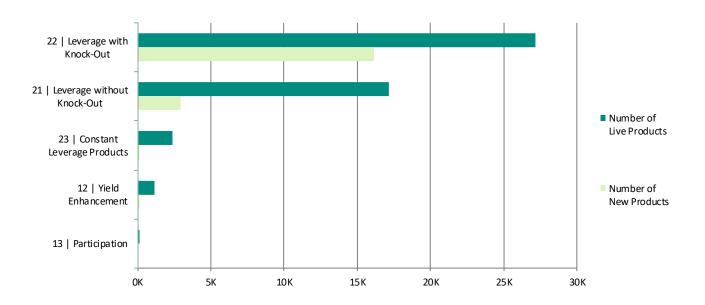


## **Product Overview**

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

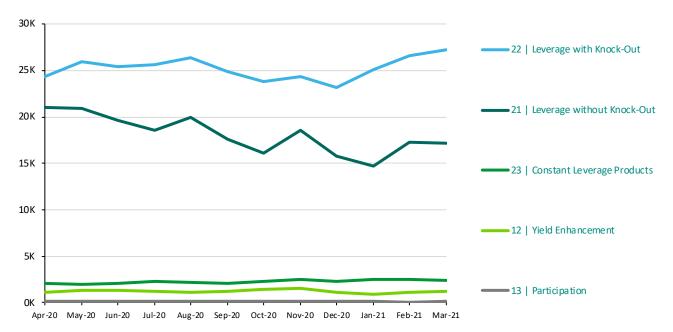
The chart at the bottom of the page represents the number of live products and number of new products for each product type.

	Number of Live Products				Number of New Products				
Product Types	Daily	Month	vs.Last	Market	This	Month	vs.Last	Market	
(EUSIPA Categorization Level 2)	average	on	12	share	month	on	12	share	
		month	months			month	months		
22   Leverage with Knock-Out	27,184	2.4%	7.8%	56.6%	16,169	29%	23%	83.5%	
21   Leverage without Knock-Out	17,175	-0.9%	-5.2%	35.8%	2,938	-34%	-11.8%	15.2%	
23   Constant Leverage Products	2,347	-8.0%	3.9%	4.9%	145	-19.0%	-44%	0.7%	
12   Yield Enhancement	1,170	2.6%	-4.3%	2.4%	99	-63%	-56%	0.5%	
13   Participation	115	10.8%	-10.6%	0.2%	8	-62%	-28%	0.0%	
Total	47,992	0.7%	2.2%	100%	19,359	10.7%	14.4%	100%	



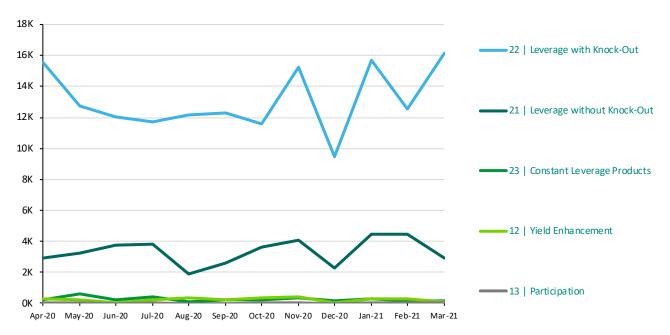
## Product Trend: Number of Live Products

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.

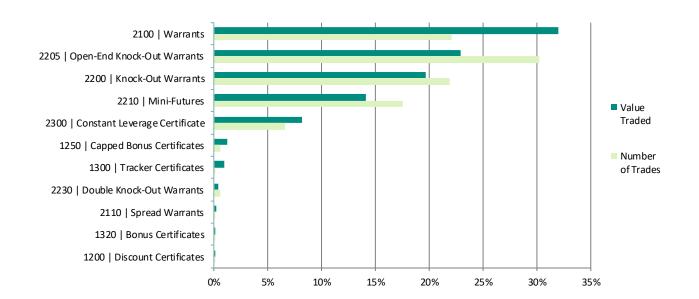


#### **Market Overview**

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

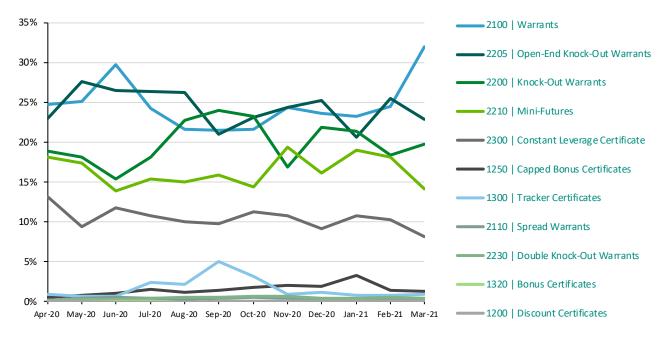
The chart at the bottom of the page represents the weight of each product type in terms of value traded and number of trades.

		Value 1	raded			Number o	fTrades	
Product Types	Daily	Month	vs.Last	Market	Daily	Month	vs.Last	Market
(EUSIPA Categorization Level 3)	average	on	12	share	average	on	12	share
	(in €k)	month	months			month	months	
2100   Warrants	7,736	42%	40%	32.0%	1,850	5.9%	10.7%	22.1%
2205   Open-End Knock-Out Warrants	5,541	-2.1%	3.2%	22.9%	2,535	6.0%	12.8%	30.3%
2200   Knock-Out Warrants	4,765	16.6%	9.8%	19.7%	1,839	-3.7%	6.4%	22.0%
2210   Mini-Futures	3,422	-15.4%	-5.3%	14.2%	1,467	-9.0%	0.0%	17.5%
2300   Constant Leverage Certificate	1,972	-14.2%	-14.8%	8.2%	556	-4.2%	-15.1%	6.6%
1250   Capped Bonus Certificates	306	-1.7%	-6.3%	1.3%	49	6.7%	-8.7%	0.6%
1300   Tracker Certificates	233	26%	-34%	1.0%	14	-34%	-53%	0.2%
2230   Double Knock-Out Warrants	104	-6.2%	3.8%	0.4%	49	8.0%	27%	0.6%
2110   Spread Warrants	59	4.1%	-26%	0.2%	12	7.6%	-39%	0.1%
1320   Bonus Certificates	22	160%	382%	0.1%	3.5	152%	317%	0.0%
1200   Discount Certificates	1	-63%	13.0%	0.0%	0.3	-57%	17.2%	0.0%
Total	24,161	8.8%	9.7%	100%	8,375	0.1%	5.9%	100%



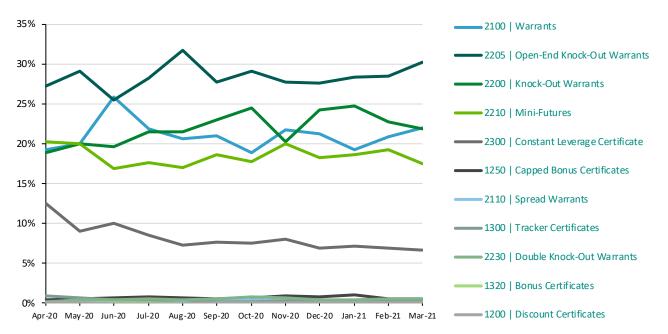
#### Market Trend: Value traded

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.

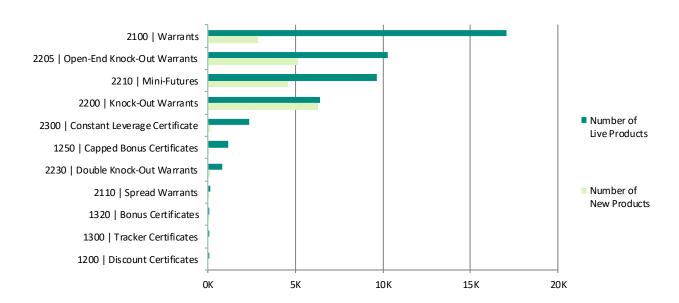


## **Product Overview**

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

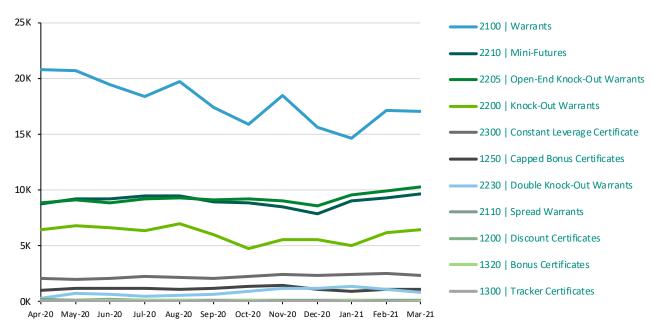
The chart at the bottom of the page represents the number of live products and number of new products for each product type.

	Nu	umber of Li	ve Products	5	Nu	umber of Ne	ew Products	;
Product Types	Daily	Month	vs.Last	Market	This	Month	vs.Last	Market
(EUSIPA Categorization Level 3)	average	on	12	share	month	on	12	share
		month	months			month	months	
2100   Warrants	17,053	-0.9%	-5.1%	35.5%	2,888	-35%	-12.4%	14.9%
2205   Open-End Knock-Out Warrants	10,284	3.7%	10.8%	21.4%	5,159	34%	28%	26.6%
2210   Mini-Futures	9,631	3.0%	6.6%	20.1%	4,589	49%	33%	23.7%
2200   Knock-Out Warrants	6,432	3.6%	5.8%	13.4%	6,311	16.3%	18.6%	32.6%
2300   Constant Leverage Certificate	2,347	-8.0%	3.9%	4.9%	145	-19.0%	-44%	0.7%
1250   Capped Bonus Certificates	1,149	2.7%	-1.4%	2.4%	99	-63%	-54%	0.5%
2230   Double Knock-Out Warrants	836	-21%	0.7%	1.7%	110	-48%	-64%	0.6%
2110   Spread Warrants	123	-5.4%	-16.4%	0.3%	50	56%	36%	0.3%
1320   Bonus Certificates	67	21%	-9.7%	0.1%	8	-62%	-26%	0.0%
1300   Tracker Certificates	48	-1.2%	-11.8%	0.1%	0		-100%	0.0%
1200   Discount Certificates	21	-3.4%	-63%	0.0%	0		-100%	0.0%
Total	47,992	0.7%	2.2%	100%	19,359	10.7%	14.4%	100%



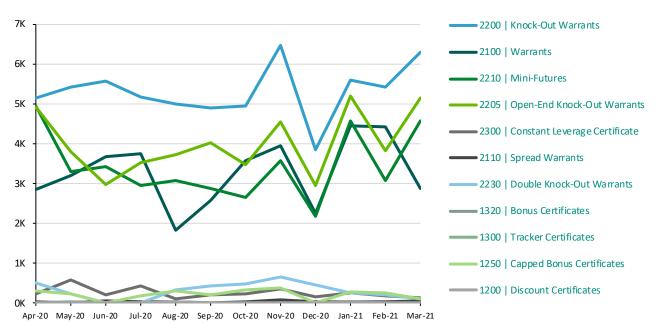
## Product Trend: Number of Live Products

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.

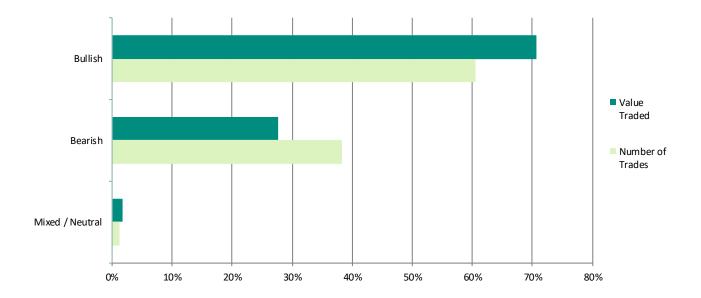


#### **Market Overview**

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.

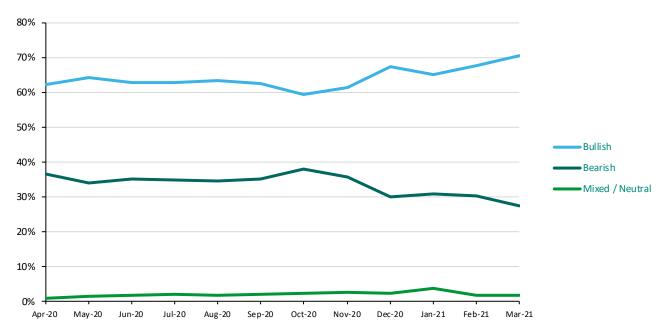
The chart at the bottom of the page represents the weight of each product strategy in terms of value traded and number of trades.

	Value Traded				Number of Trades			
Product Strategies	Daily	Month	vs.Last	Market	Daily	Month	vs.Last	Market
	average	on	12	share	average	on	12	share
	(in €k)	month	months			month	months	
Bullish	17,074	13.4%	21%	70.7%	5,076	-4.8%	5.1%	60.6%
Bearish	6,675	-0.8%	-10.0%	27.6%	3,200	8.8%	7.5%	38.2%
Mixed / Neutral	411	-3.3%	-11.4%	1.7%	99	6.8%	-2.5%	1.2%
Total	24,161	8.8%	9.7%	100%	8,375	0.1%	5.9%	100%



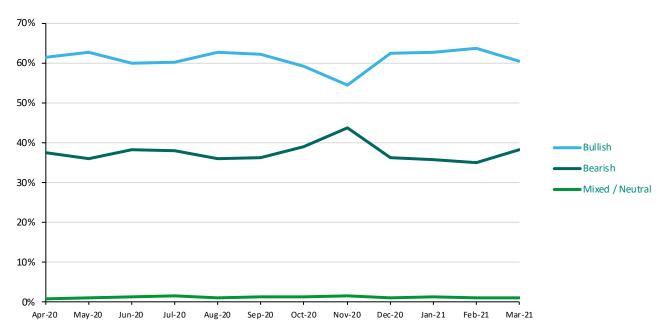
#### Market Trend: Value traded

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.

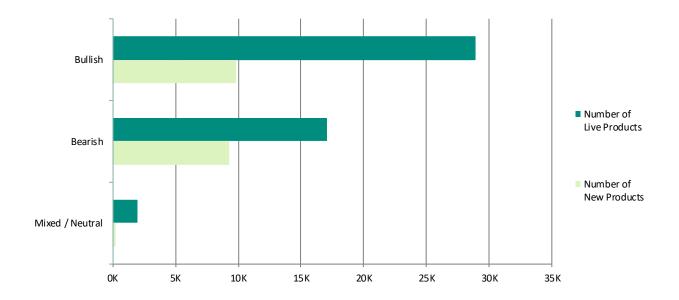


#### **Product Overview**

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.

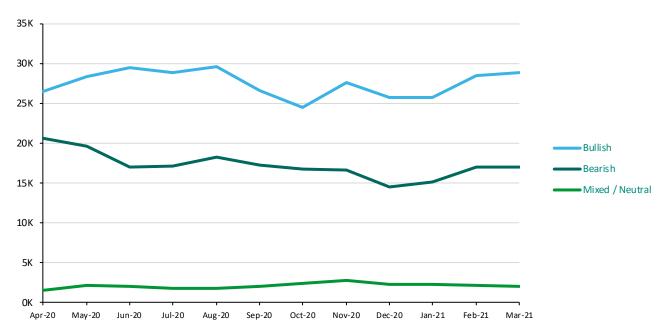
The chart at the bottom of the page represents the number of live products and number of new products for each product strategy.

	Number of Live Products				Number of New Products			
Strategies	Daily	Month	vs.Last	Market	This	Month	vs.Last	Market
	average	on	12	share	month	on	12	share
		month	months			month	months	
Bullish	28,906	1.5%	4.9%	60.2%	9,833	3.3%	9.9%	50.8%
Bearish	17,079	0.5%	-1.1%	35.6%	9,317	24%	25%	48.1%
Mixed / Neutral	2,006	-9.0%	-5.4%	4.2%	209	-56%	-61%	1.1%
Total	47,992	0.7%	2.2%	100%	19,359	10.7%	14.4%	100%



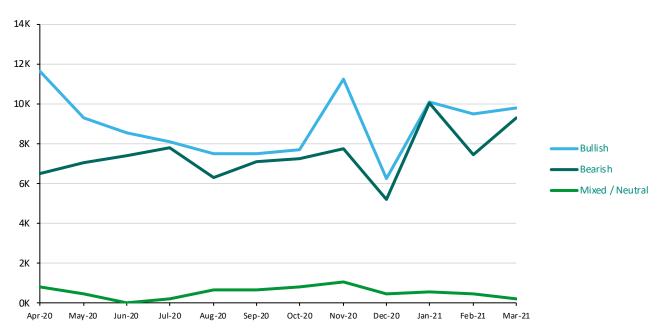
## **Product Trend: Number of Live Products**

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.

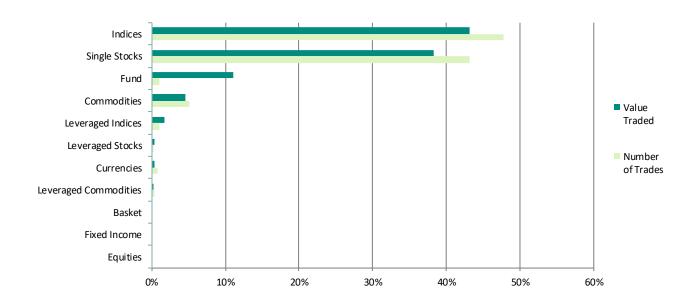


#### **Market Overview**

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.

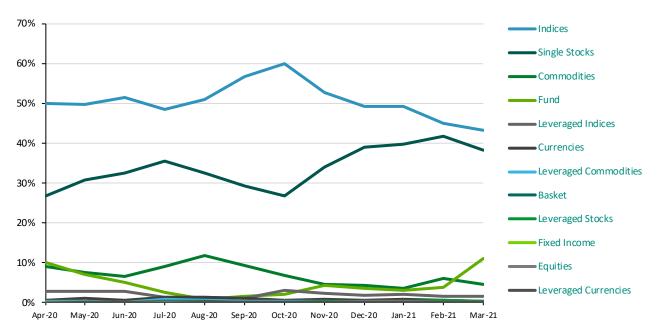
The chart at the bottom of the page represents the weight of each underlying type in terms of value traded and number of trades.

		Value T	raded			Number o	fTrades	
Underlying Types	Daily	Month	vs.Last	Market	Daily	Month	vs.Last	Market
	average	on	12	share	average	on	12	share
	(in €k)	month	months			month	months	
Indices	10,435	4.0%	-6.3%	43.2%	4,007	4.1%	3.3%	47.8%
Single Stocks	9,253	-0.3%	24%	38.3%	3,621	-3.2%	14.2%	43.2%
Fund	2,689	212%	145%	11.1%	83	82.7%	236.0%	1.0%
Commodities	1,089	-19.8%	-28%	4.5%	434	-10.9%	-17.7%	5.2%
Leveraged Indices	406	21%	-13.9%	1.7%	93	7.4%	-37.6%	1.1%
Leveraged Stocks	100	-17.2%	111%	0.4%	21	-5.3%	41.6%	0.3%
Currencies	81	-27%	-53%	0.3%	67	-22.8%	-28.2%	0.8%
Leveraged Commodities	66	69%	-3.1%	0.3%	34	32.1%	-8.2%	0.4%
Basket	17	-8.3%	-50%	0.1%	1.0	-20.0%	-24.5%	0.0%
Fixed Income	13	250%	80%	0.1%	7.2	124.2%	81.5%	0.1%
Equities	12	-70%	-42%	0.0%	6.4	-65.6%	-33.6%	0.1%
Total	24,161	8.8%	9.7%	100%	8,375	0.1%	5.9%	100%



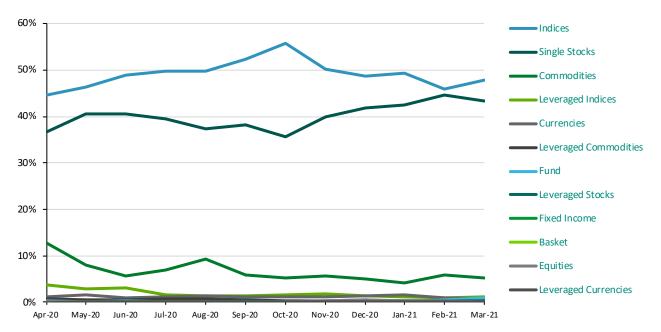
#### Market Trend: Value traded

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.

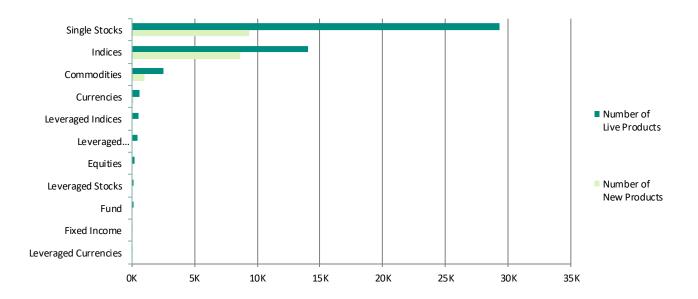


#### **Product Overview**

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.

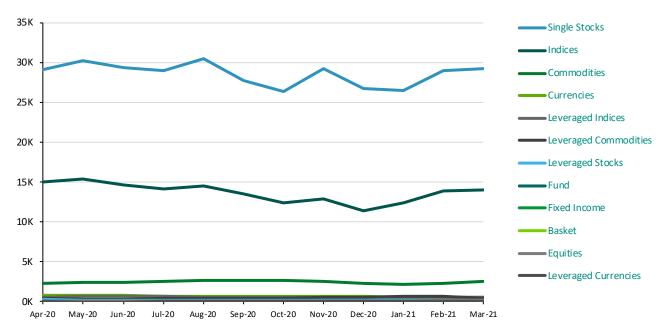
The chart at the bottom of the page represents the number of live products and number of new products for each underlying type.

	Nu	umber of Li	ve Products	;	Nu	umber of Ne	ew Products	;
Underlying Types	Daily	Month	vs.Last	Market	This	Month	vs.Last	Market
	average	on	12	share	month	on	12	share
		month	months			month	months	
Single Stocks	29,283	0.9%	2.3%	61.0%	9,341	-1.7%	8.1%	48.3%
Indices	14,033	1.0%	2.4%	29.2%	8,655	32%	23%	44.7%
Commodities	2,516	7.4%	2.8%	5.2%	1,046	2.6%	20%	5.4%
Currencies	584	-4.5%	-15.2%	1.2%	139	1.5%	4.3%	0.7%
Leveraged Indices	513	-8.4%	-12.1%	1.1%	28	367%	-42%	0.1%
Leveraged Commodities	481	-26%	3.1%	1.0%	46	-27%	-53%	0.2%
Equities	223	3.1%	274%	0.5%	96	-51%	73%	0.5%
Leveraged Stocks	171	-5.3%	-4.4%	0.4%	5	-72%	-73%	0.0%
Fund	114	2.1%	7.5%	0.2%	1	-67%	-37%	0.0%
Fixed Income	53	-4.7%	-21%	0.1%	2		33%	0.0%
Leveraged Currencies	17	0.0%	32%	0.0%	0		-100%	0.0%
Total	47,992	0.7%	2.2%	100%	19,359	10.7%	14.4%	100%



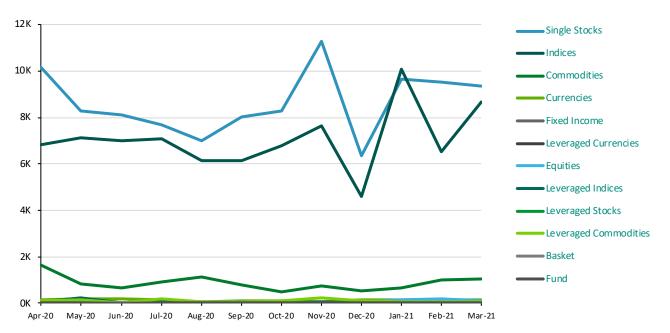
## **Product Trend: Number of Live Products**

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.

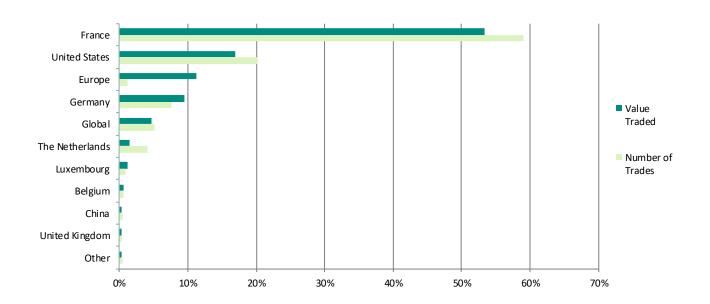


#### **Market Overview**

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.

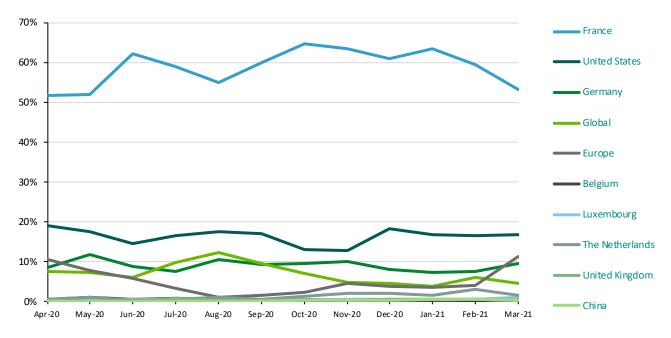
The chart at the bottom of the page represents the weight of each underlying country of origin in terms of value traded and number of trades.

	Value Traded					Number c	fTrades	
Underlying Countries	Daily	Month	vs.Last	Market	Daily	Month	vs.Last	Market
	average	on	12	share	average	on	12	share
	(in €k)	month	months			month	months	
France	12,901	-2.6%	-0.2%	53.4%	4,948	-3.5%	-0.1%	59.1%
United States	4,085	11.7%	13.4%	16.9%	1,687	13.4%	25%	20.1%
Europe	2,722	201%	130%	11.3%	101	40%	55%	1.2%
Germany	2,306	36%	14.6%	9.5%	630	-2.5%	0.9%	7.5%
Global	1,125	-17.9%	-26%	4.7%	431	-13.2%	-16.7%	5.2%
The Netherlands	363	-45%	25%	1.5%	346	23%	63%	4.1%
Luxembourg	275	113%	125%	1.1%	78	26%	43%	0.9%
Belgium	139	7.4%	17.5%	0.6%	48	1.7%	4.3%	0.6%
China	80	-46%	29%	0.3%	37	15.1%	134%	0.4%
United Kingdom	75	-46%	-21%	0.3%	30	-26%	6.4%	0.4%
Other	89	-26%	-3.3%	0.4%	40	-47%	-11.8%	0.5%
Total	24,161	8.8%	9.7%	100%	8,375	0.1%	5.9%	100%



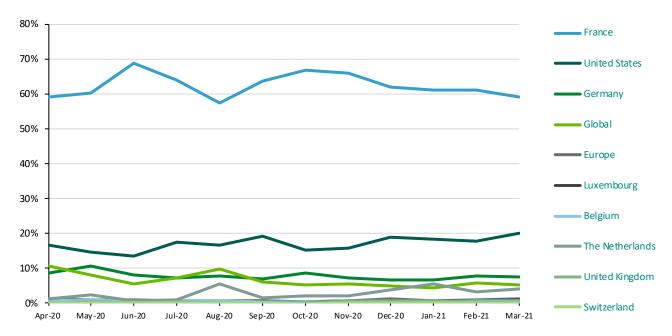
#### Market Trend: Value traded

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.

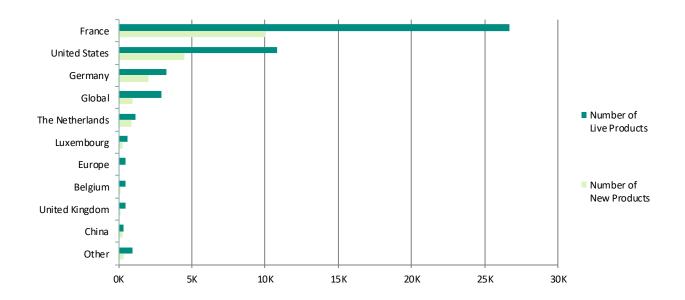


#### **Product Overview**

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.

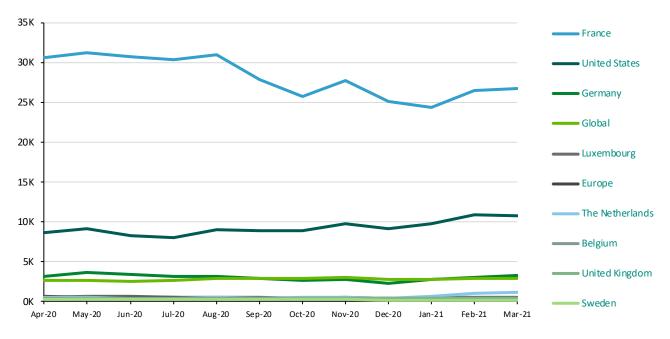
The chart at the bottom of the page represents the number of live products and number of new products for each top 10 underlying country.

	Number of Live Products				Number of New Products			
Underlying Countries	Daily	Month	vs.Last	Market	This	Month	vs.Last	Market
	average	on	12	share	month	on	12	share
		month	months			month	months	
France	26,732	0.7%	-5.2%	55.7%	9,979	2.3%	3.2%	51.5%
United States	10,805	-0.9%	16.3%	22.5%	4,474	6.2%	18.3%	23.1%
Germany	3,251	6.0%	6.9%	6.8%	1,996	92%	41%	10.3%
Global	2,909	-1.5%	2.9%	6.1%	920	-7.7%	8.7%	4.8%
The Netherlands	1,149	9.5%	88%	2.4%	872	51%	125%	4.5%
Luxembourg	592	-1.2%	6.3%	1.2%	246	21%	23%	1.3%
Europe	448	-5.1%	-5.4%	0.9%	54	-11.5%	-42%	0.3%
Belgium	447	2.7%	3.3%	0.9%	139	48%	20.0%	0.7%
United Kingdom	428	-5.0%	10.8%	0.9%	111	9.9%	7.4%	0.6%
China	301	21%	120%	0.6%	264	12.3%	257%	1.4%
Other	929	-0.2%	-6.6%	1.9%	304	44%	32%	1.6%
Total	47,992	0.7%	2.2%	100%	19,359	10.7%	14.4%	100%



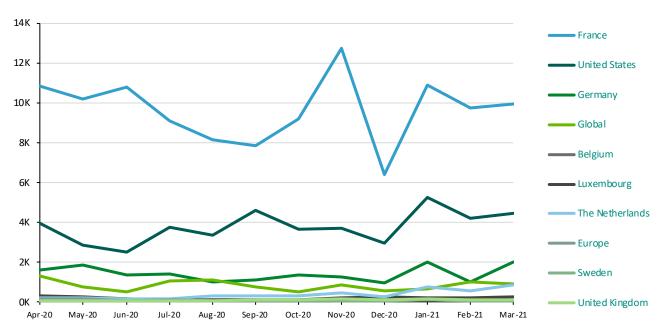
## **Product Trend: Number of Live Products**

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.

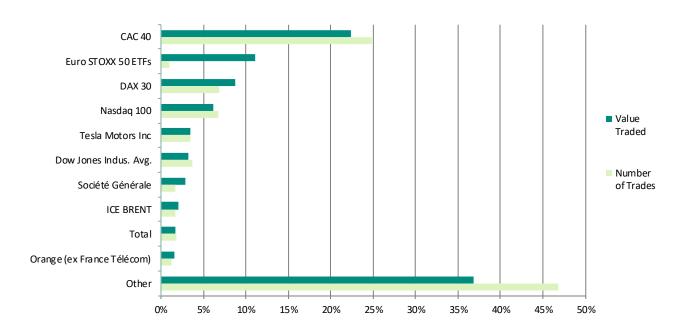


#### **Market Overview**

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.

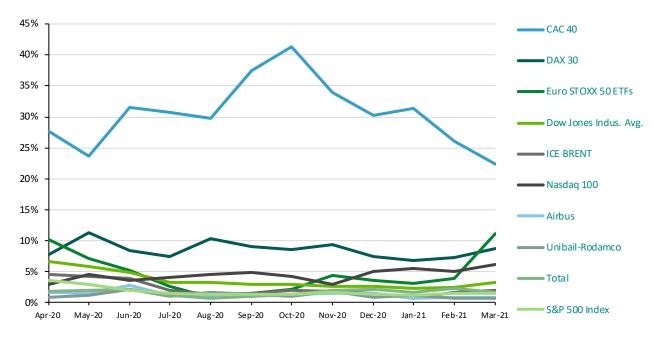
The chart at the bottom of the page represents the weight of each of the top 10 underlyings in terms of value traded and number of trades.

	Value Traded					Number o	fTrades	
Underlyings	Daily	Month	vs.Last	Market	Daily	Month	vs.Last	Market
	average	on	12	share	average	on	12	share
	(in €k)	month	months			month	months	
CAC 40	5,408	-6.6%	-19.1%	22.4%	2,076	-2.4%	-9.1%	24.8%
Euro STOXX 50 ETFs	2,687	212%	145%	11.1%	83	82%	236%	1.0%
DAX 30	2,109	30%	11.9%	8.7%	577	-5.0%	0.8%	6.9%
Nasdaq 100	1,487	32%	53%	6.2%	566	38%	68%	6.8%
Tesla Motors Inc	830	-8.4%	61%	3.4%	294	15.3%	64%	3.5%
Dow Jones Indus. Avg.	776	44%	-5.0%	3.2%	308	13.5%	14.9%	3.7%
Société Générale	705	36%	91%	2.9%	141	7.2%	16.7%	1.7%
ICE BRENT	491	30%	-7.3%	2.0%	144	47%	-13.5%	1.7%
Total	395	-26%	4.9%	1.6%	156	-17.4%	3.1%	1.9%
Orange (ex France Télécom)	383	-3.0%	64%	1.6%	106	-22%	19.2%	1.3%
Other	8,890	-6.9%	4.1%	36.8%	3,926	-4.2%	5.5%	46.9%
Total	24,161	8.8%	9.7%	100%	8,375	0.1%	5.9%	100%



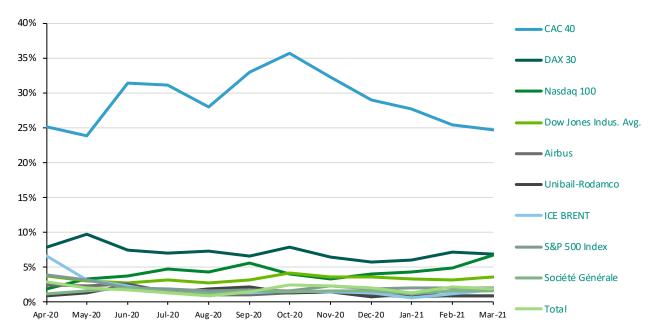
#### Market Trend: Value traded

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.

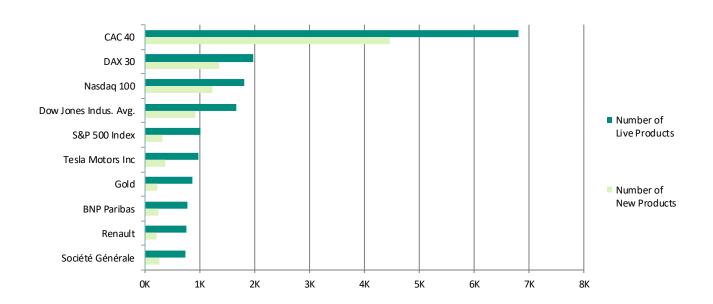


#### **Product Overview**

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.

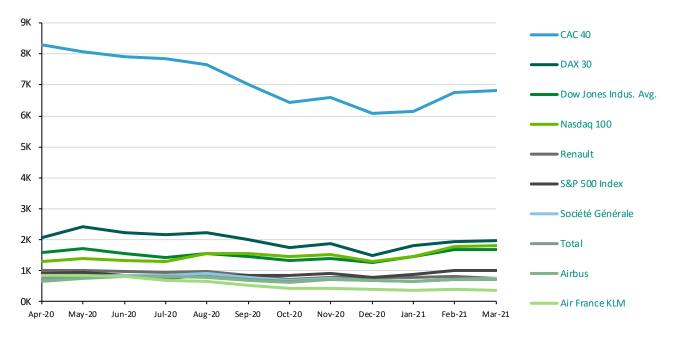
The chart at the bottom of the page represents the number of live products and number of new products for each top 10 underlying.

	N	umber of Li	ve Products	5	Nu	umber of Ne	w Products	;
Underlyings	Daily	Month	vs.Last	Market	This	Month	vs.Last	Market
	average	on	12	share	month	on	12	share
		month	months			month	months	
CAC 40	6,811	1.0%	-4.5%	14.2%	4,461	28%	21%	23.0%
DAX 30	1,983	1.6%	-0.6%	4.1%	1,364	87%	23%	7.0%
Nasdaq 100	1,819	1.9%	23%	3.8%	1,228	30%	46%	6.3%
Dow Jones Indus. Avg.	1,675	-0.1%	11.3%	3.5%	925	45%	22%	4.8%
S&P 500 Index	1,020	0.1%	14.6%	2.1%	318	-16.3%	-8.3%	1.6%
Tesla Motors Inc	976	-7.7%	22%	2.0%	385	33%	-0.6%	2.0%
Gold	872	-4.2%	-0.1%	1.8%	240	-13.4%	-2.4%	1.2%
BNP Paribas	770	2.0%	3.3%	1.6%	251	-21%	-10.0%	1.3%
Renault	765	-6.2%	-11.7%	1.6%	210	-35%	-29%	1.1%
Société Générale	740	1.0%	-4.3%	1.5%	262	-14.9%	0.6%	1.4%
Other	30,563	1.1%	2.3%	63.7%	9,715	-0.8%	11.8%	50.2%
Total	47,992	0.7%	2.2%	100%	19,359	10.7%	14.4%	100%



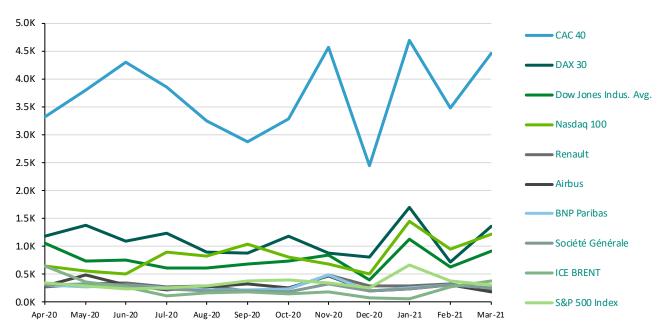
#### **Product Trend: Number of Live Products**

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

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.

					Value	
					Traded	
ISIN Code	Issuer	2100	Product Type	Underlying	(in €k)	
NLBNPFR10QZ5			Warrants	Euro STOXX 50 ETFs	55,052	1,239
FRBNPP02DE19			Knock-Out Warrants	DAX 30	7,582	199
FRBNPP02A1L4			Mini-Futures	CAC 40	4,553	145
			Constant Leverage Certificate	Tesla Motors Inc	3,643	186
DE000CX3Y7B4			Constant Leverage Certificate	CAC 40 x5 Leverage Index	3,175	25
FRBNPP029MQ2			Mini-Futures	CAC 40	3,017	104
NLBNPFR108P9			Warrants	Euro STOXX 50 ETFs	2,987	104
NL0006454928			Tracker Certificates	Gold	2,852	55
FRBNPP02C203			Knock-Out Warrants	DAX 30	2,840	99
DE000UC142D7			Open-End Knock-Out Warrants	Carrefour	2,817	128
DE000VQ1GKK7			Open-End Knock-Out Warrants	DAX 30	2,657	108
DE000SB2EJF4	Société Générale	2300	Constant Leverage Certificate	CAC 40	2,521	630
			Constant Leverage Certificate	CAC 40	2,255	695
DE000KE47LE6			Open-End Knock-Out Warrants	DAX 30	2,184	39
			Open-End Knock-Out Warrants	CAC 40	1,826	339
			Open-End Knock-Out Warrants	Dow Jones Indus. Avg.	1,807	55
FRBNPP02E1J4			Knock-Out Warrants	DAX 30	1,788	50
	Société Générale			Renault	1,751	116
	Société Générale			Volkswagen	1,735	12
DE000KE04737		-	Mini-Futures	CAC 40	1,680	761
	Société Générale			Solution 30	1,640	350
DE000SD2NJT4	Société Générale		Open-End Knock-Out Warrants	DAX 30	1,609	738
DE000KB7UM96			Warrants	CAC 40	1,467	240
DE000VQ28DH7			Knock-Out Warrants	S&P 500 Index	1,445	29
	Société Générale			Klepierre	1,380	251
NLBNPFR10QY8			Warrants	Euro STOXX 50 ETFs	1,367	233
			Open-End Knock-Out Warrants	DAX 30	1,361	125
DE000UC1X4Z9			Open-End Knock-Out Warrants	Lagardère	1,348	108
FRBNPP02C229			Knock-Out Warrants	DAX 30	1,347	38
-	Société Générale			Arcelormittal	1,289	97
DE000KB9D3E5			Warrants	Arcelormittal	1,244	49
	Société Générale			Klepierre	1,218	252
DE000CJ824Q7	Société Générale		Open-End Knock-Out Warrants	CAC 40	1,207	198
DE000KE2UFU2	Citi		Open-End Knock-Out Warrants	DAX 30	1,205	14
FRBNPP02BBO4			Open-End Knock-Out Warrants	ICE BRENT	1,203	185
DE000VQ28H14	Vontobel		Open-End Knock-Out Warrants	CAC 40	1,187	237
FRBNPP01JMO6	BNP Paribas	2300	Constant Leverage Certificate	CAC 40	1,151	198
DE000SD2FEQ7	Société Générale	2100	Warrants	Total	1,127	288
NLBNPFR12DV8	BNP Paribas		Warrants	CAC 40	1,118	85
DE000KB49SX3		2300	Constant Leverage Certificate	CAC 40 x15 Leverage Index	1,101	186
			Knock-Out Warrants	Nasdaq 100	1,084	270
DE000SD122A8	Société Générale	2100	Warrants	Orange (ex France Télécom)	1,070	141
DE000VQ28BV2			Open-End Knock-Out Warrants	Dow Jones Indus. Avg.	1,065	346
			Open-End Knock-Out Warrants	CAC 40	1,050	157
			Open-End Knock-Out Warrants	Tesla Motors Inc	1,048	358
DE000SD2Y135	Société Générale	2100	Warrants	Klepierre	1,048	126
			Open-End Knock-Out Warrants	Société Générale	1,019	18
DE000SD1CQ65	Société Générale	2300	Constant Leverage Certificate	ICE BRENT	1,004	38
	Société Générale	2205	Open-End Knock-Out Warrants	Société Générale	994	28
FRBNPP022545		2210	Mini-Futures	Total	989	42
(Source Euronex	t)					



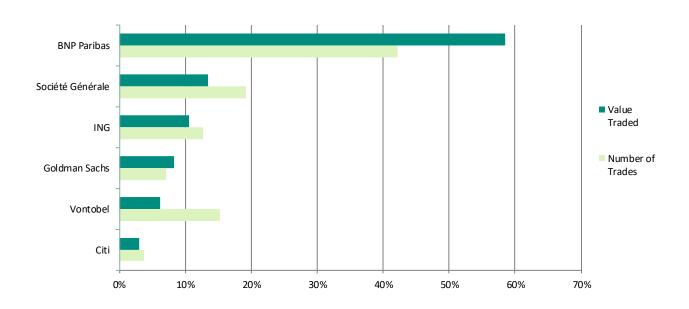
# **Euroclear Nederland Instruments**

#### **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.

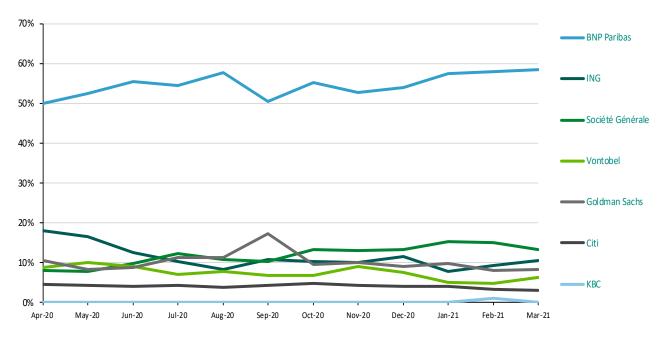
The chart at the bottom of the page represents the weight of each issuer in terms of value traded and number of trades.

		Value Traded				Number of Trades			
Issuers	Daily	Month	vs. Last	Market	Daily	Month	vs.Last	Market	
	average	on	12	share	average	on	12	share	
	(in €k)	month	months			month	months		
BNP Paribas	11,882	-21%	-5.0%	58.5%	3,267	-17.8%	-6.5%	42.1%	
Société Générale	2,714	-31%	2.3%	13.4%	1,492	-12.2%	16.0%	19.2%	
ING	2,153	-11.4%	-21%	10.6%	988	-17.4%	-17.7%	12.7%	
Goldman Sachs	1,684	-20.0%	-28%	8.3%	550	-7.7%	-24.1%	7.1%	
Vontobel	1,266	-0.1%	-27%	6.2%	1,179	12.0%	23.8%	15.2%	
Citi	607	-32%	-36%	3.0%	285	-56.8%	-52.8%	3.7%	
Total	20,305	-21.8%	-11.4%	100%	7,761	-15.4%	-6.1%	100%	



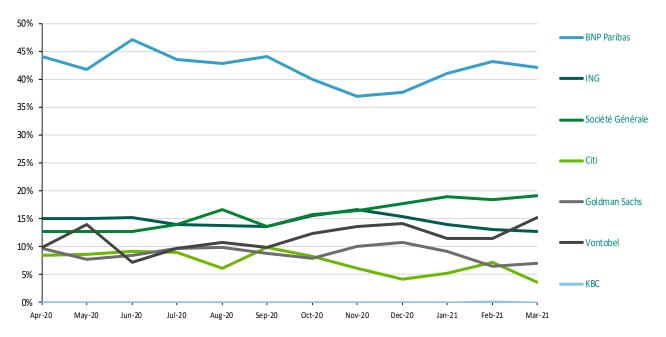
## Market Trend: Value traded

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.

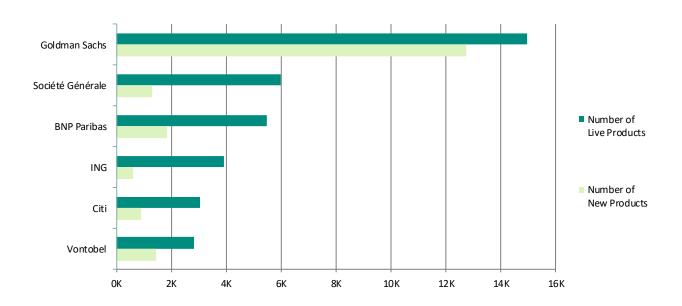


#### **Product Overview**

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.

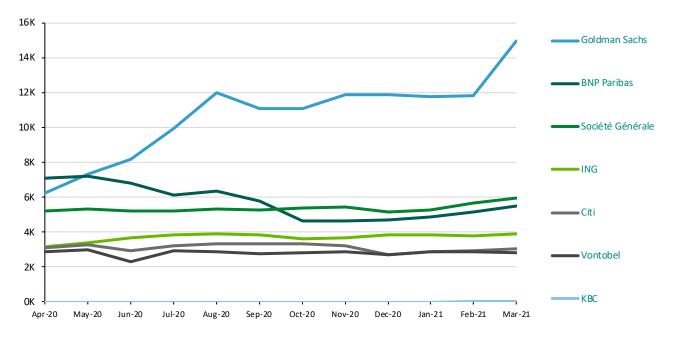
The chart at the bottom of the page represents the number of live products and number of new products for each issuer.

	Number of Live Products				Number of New Products				
Issuers	Daily	Month	vs.Last	Market	This	Month	vs.Last	Market	
	average	on	12	share	month	on	12	share	
		month	months			month	months		
Goldman Sachs	14,956	26%	40%	41.3%	12,762	148%	47%	67.8%	
Société Générale	5,985	5.6%	11.3%	16.5%	1,292	-31%	-14.9%	6.9%	
BNP Paribas	5,494	5.9%	-4.4%	15.2%	1,854	9.4%	-12.1%	9.8%	
ING	3,929	3.1%	5.9%	10.8%	595	14.4%	-10.2%	3.2%	
Citi	3,035	4.3%	-2.4%	8.4%	884	98%	-9.5%	4.7%	
Vontobel	2,824	-2.8%	0.2%	7.8%	1,447	-3.8%	-9.9%	7.7%	
Total	36,225	12.0%	15.2%	100%	18,834	68.3%	21.0%	100%	



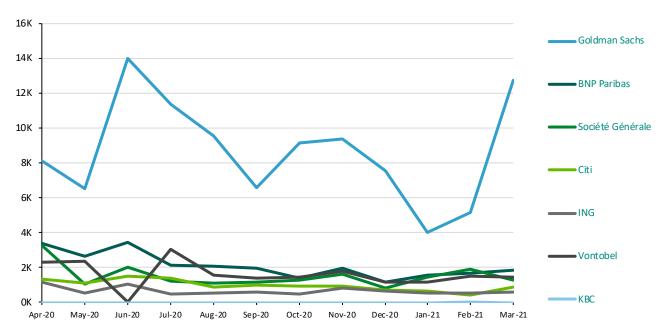
## Product Trend: Number of Live Products

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.

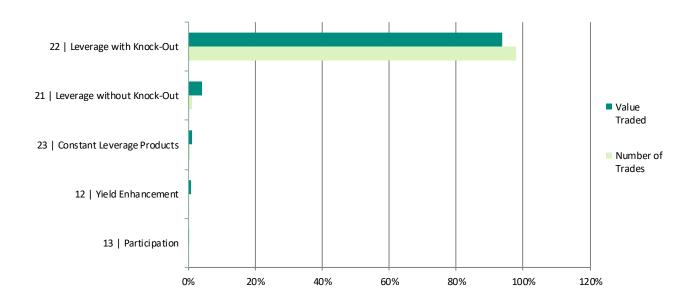


#### **Market Overview**

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

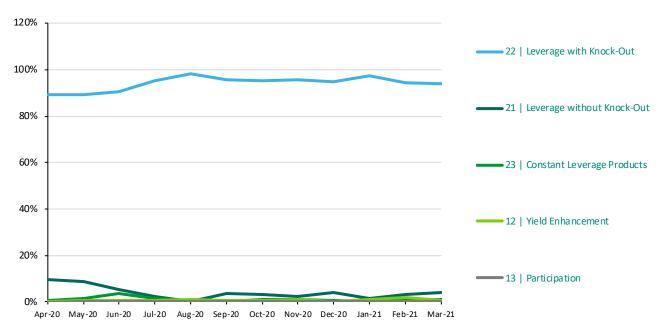
The chart at the bottom of the page represents the weight of each product type in terms of value traded and number of trades.

		Value T	raded		Number of Trades				
Product Types	Daily	Month	vs.Last	Market	Daily	Month	vs.Last	Market	
(EUSIPA Categorization Level 2)	average	on	12	share	average	on	12	share	
	(in €k)	month	months			month	months		
22   Leverage with Knock-Out	19,056	-22%	-11.3%	93.8%	7,606	-15.6%	-5.4%	98.0%	
21   Leverage without Knock-Out	841	3.8%	-17.1%	4.1%	95	0.8%	-24.2%	1.2%	
23   Constant Leverage Products	249	64%	-7.0%	1.2%	46	-7.3%	-42.0%	0.6%	
12   Yield Enhancement	144	-67%	-5.2%	0.7%	12	-34.5%	-11.7%	0.2%	
13   Participation	16	-54%	-22%	0.1%	2.7	-57.2%	-27.1%	0.0%	
Total	20,305	-21.8%	-11.4%	100%	7,761	-15.4%	-6.1%	100%	



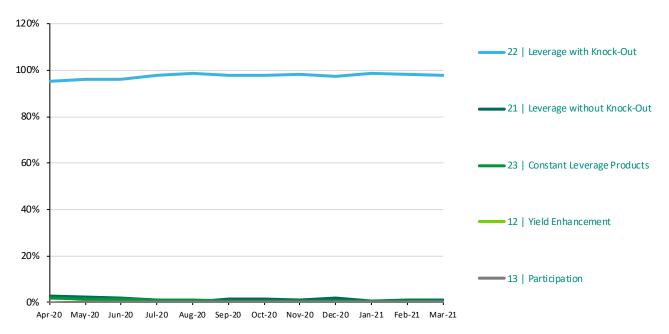
## Market Trend: Value traded

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.

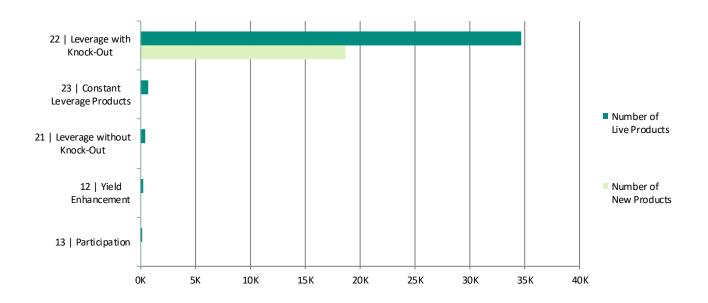


## **Product Overview**

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

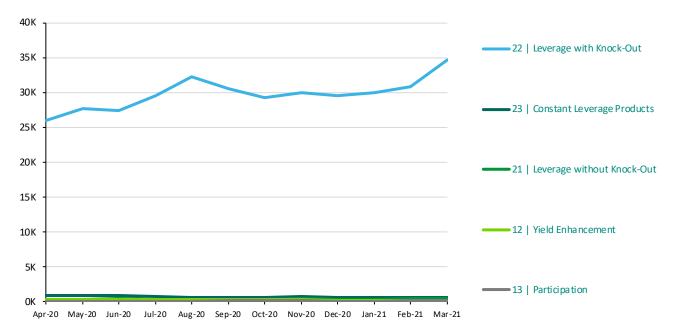
The chart at the bottom of the page represents the number of live products and number of new products for each product type.

	Number of Live Products				Number of New Products				
Product Types	Daily	Month	vs.Last	Market	This	Month	vs.Last	Market	
(EUSIPA Categorization Level 2)	average	on	12	share	month	on	12	share	
		month	months			month	months		
22   Leverage with Knock-Out	34,727	12.5%	16.2%	95.9%	18,708	70%	22%	99.3%	
23   Constant Leverage Products	669	-2.3%	-9.2%	1.8%	48	-9.4%	-49%	0.3%	
21   Leverage without Knock-Out	475	8.4%	21%	1.3%	76	-33%	17.7%	0.4%	
12   Yield Enhancement	222	0.5%	-31%	0.6%	2	-94%	-94%	0.0%	
13   Participation	133	3.3%	-0.3%	0.4%	0	-100%	-100%	0.0%	
Total	36,225	12.0%	15.2%	100%	18,834	68.3%	21.0%	100%	



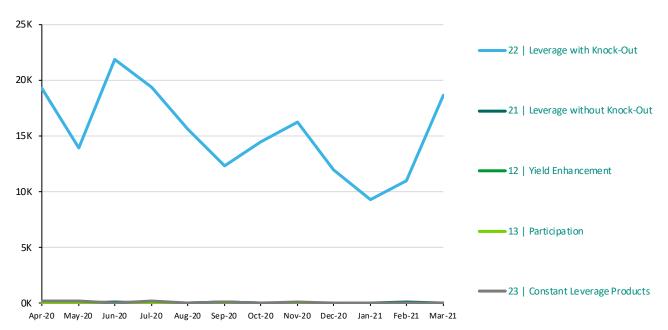
## Product Trend: Number of Live Products

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.

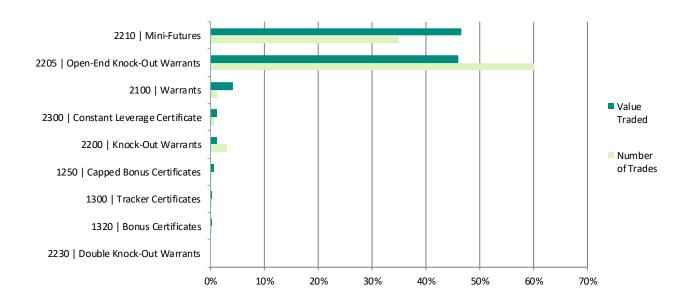


## **Market Overview**

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

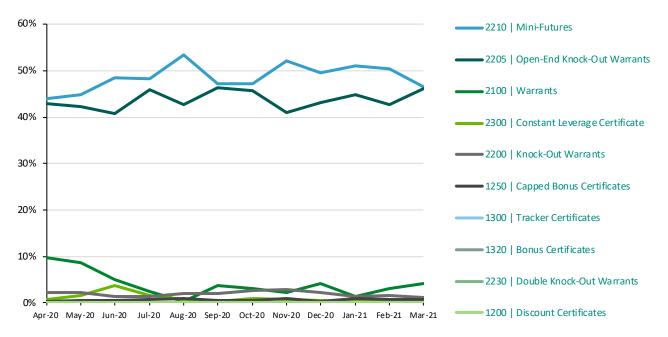
The chart at the bottom of the page represents the weight of each product type in terms of value traded and number of trades.

	Value Traded				Number of Trades				
Product Types	Daily	Month	vs.Last	Market	Daily	Month	vs.Last	Market	
(EUSIPA Categorization Level 3)	average	on	12	share	average	on	12	share	
	(in €k)	month	months			month	months		
2210   Mini-Futures	9,457	-28%	-14.5%	46.6%	2,711	-21.2%	-9.1%	34.9%	
2205   Open-End Knock-Out Warrants	9,359	-15.4%	-6.2%	46.1%	4,663	-12.2%	-1.5%	60.1%	
2100   Warrants	841	3.8%	-17.1%	4.1%	95	0.8%	-24%	1.2%	
2300   Constant Leverage Certificate	249	64%	-7.0%	1.2%	46	-7.3%	-42%	0.6%	
2200   Knock-Out Warrants	240	-37%	-44%	1.2%	231	-11.2%	-28%	3.0%	
1250   Capped Bonus Certificates	144	-18.4%	9.2%	0.7%	12	-28%	-10.8%	0.2%	
1300   Tracker Certificates	14	-49%	-14.9%	0.1%	2.3	-52%	-17.7%	0.0%	
1320   Bonus Certificates	2	-72%	-50%	0.0%	0.5	-72%	-53%	0.0%	
2230   Double Knock-Out Warrants	0			0.0%	0.0			0.0%	
Total	20,305	-22%	-11.4%	100%	7,761	-15.4%	-6.1%	100%	



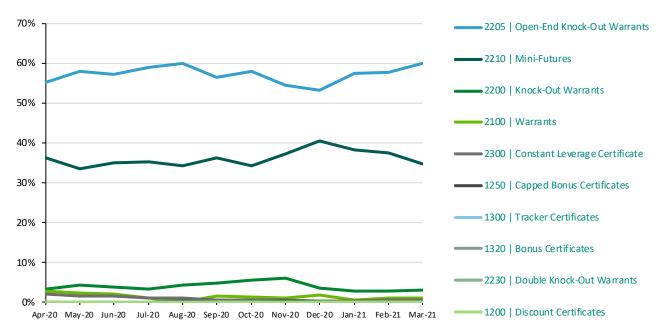
#### Market Trend: Value traded

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.

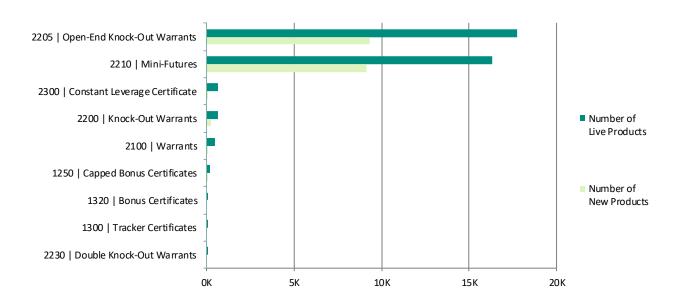


## **Product Overview**

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

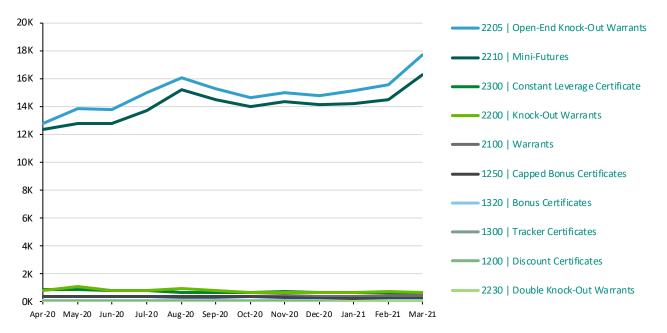
The chart at the bottom of the page represents the number of live products and number of new products for each product type.

	Number of Live Products				Number of New Products				
Product Types	Daily	Month	vs.Last	Market	This	Month	vs.Last	Market	
(EUSIPA Categorization Level 3)	average	on	12	share	month	on	12	share	
		month	months			month	months		
2205   Open-End Knock-Out Warrants	17,757	14.0%	18.4%	49.0%	9,313	72%	25%	49.4%	
2210   Mini-Futures	16,309	12.3%	15.8%	45.0%	9,130	79%	23%	48.5%	
2300   Constant Leverage Certificate	669	-2.3%	-9.2%	1.8%	48	-9.4%	-49%	0.3%	
2200   Knock-Out Warrants	652	-15.6%	-17.0%	1.8%	265	-43%	-49%	1.4%	
2100   Warrants	475	8.4%	21%	1.3%	76	-33%	17.7%	0.4%	
1250   Capped Bonus Certificates	220	0.2%	-31%	0.6%	2	-94%	-94%	0.0%	
1320   Bonus Certificates	77	3.7%	-1.4%	0.2%	0	-100%	-100%	0.0%	
1300   Tracker Certificates	56	2.7%	1.1%	0.2%	0			0.0%	
2230   Double Knock-Out Warrants	9	262%	691%	0.0%	0	-100%	-100%	0.0%	
Total	36,225	12.0%	15.2%	100%	18,834	68%	21%	100%	



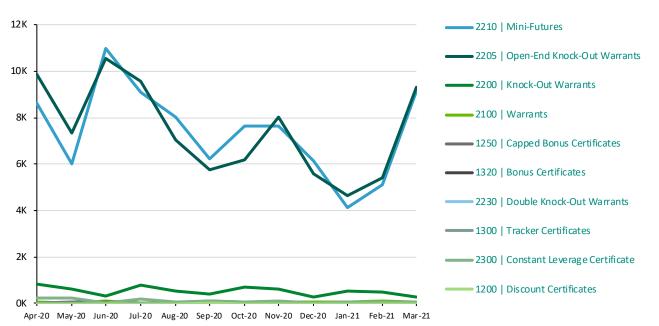
## Product Trend: Number of Live Products

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.

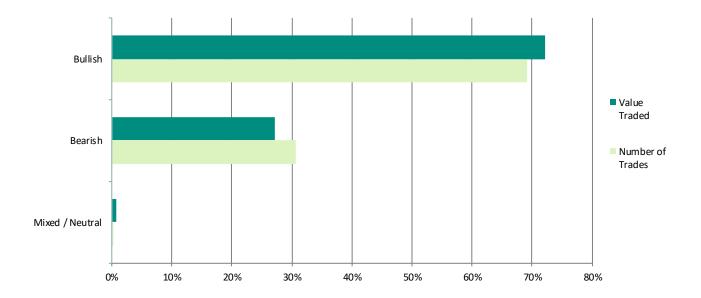


#### **Market Overview**

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.

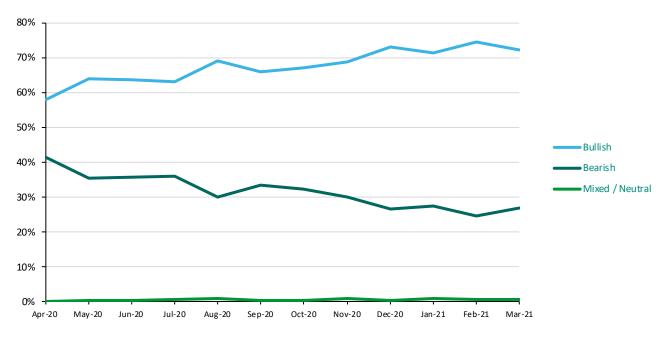
The chart at the bottom of the page represents the weight of each product strategy in terms of value traded and number of trades.

	Value Traded				Number of Trades				
Product Strategies	Daily	Month	vs.Last	Market	Daily	Month	vs.Last	Market	
	average	on	12	share	average	on	12	share	
	(in €k)	month	months			month	months		
Bullish	14,665	-24%	-4.5%	72.2%	5,368	-15.9%	4.6%	69.2%	
Bearish	5,496	-14.2%	-26%	27.1%	2,382	-14.4%	-24%	30.7%	
Mixed / Neutral	144	-18.4%	9.2%	0.7%	12	-28%	-10.8%	0.2%	
Total	20,305	-21.8%	-11.4%	100%	7,761	-15.4%	-6.1%	100%	



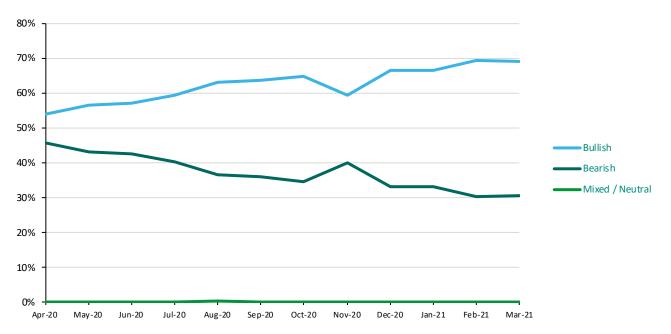
#### Market Trend: Value traded

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.

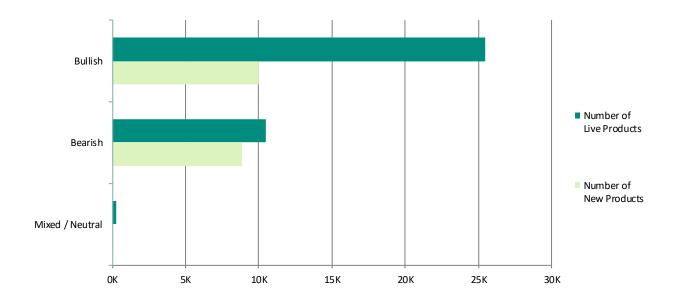


#### **Product Overview**

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.

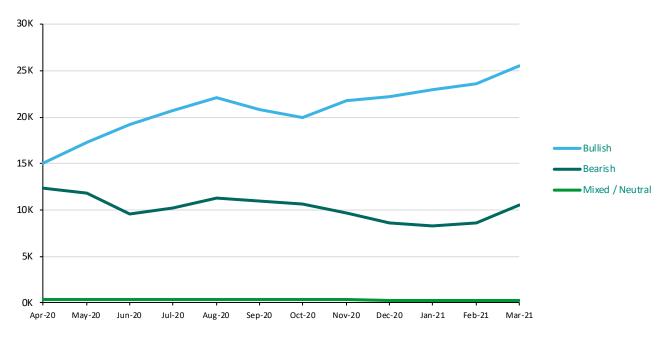
The chart at the bottom of the page represents the number of live products and number of new products for each product strategy.

	Number of Live Products				Number of New Products				
Strategies	Daily	Month	vs.Last	Market	This	Month	vs.Last	Market	
	average	on	12	share	month	on	12	share	
		month	months			month	months		
Bullish	25,490	8.2%	22%	70.4%	9,999	43%	12.0%	53.1%	
Bearish	10,507	23%	2.9%	29.0%	8,833	113%	34%	46.9%	
Mixed / Neutral	229	3.0%	-29%	0.6%	2	-95%	-94%	0.0%	
Total	36,225	12.0%	15.2%	100%	18,834	68.3%	21.0%	100%	



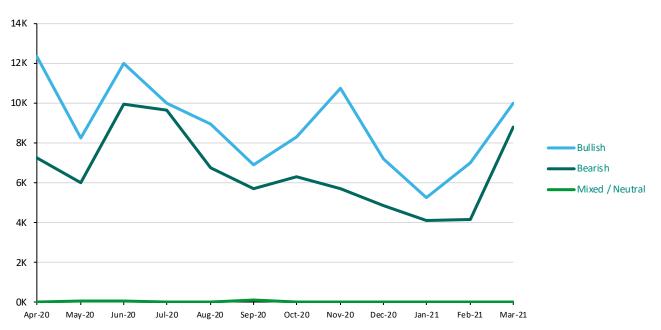
#### **Product Trend: Number of Live Products**

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.

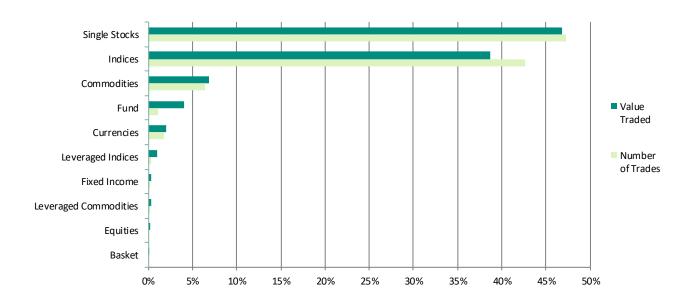


#### **Market Overview**

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.

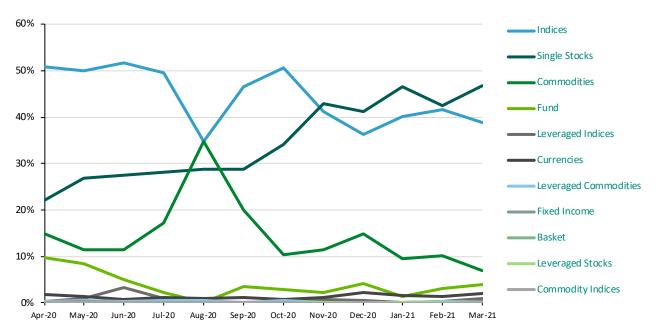
The chart at the bottom of the page represents the weight of each underlying type in terms of value traded and number of trades.

		Value T	raded			Number o	fTrades	
Underlying Types	Daily	Month	vs.Last	Market	Daily	Month	vs.Last	Market
	average	on	12	share	average	on	12	share
	(in €k)	month	months			month	months	
Single Stocks	9,499	-13.8%	23%	46.8%	3,669	-14.9%	10.2%	47.3%
Indices	7,869	-27%	-24%	38.8%	3,310	-14.0%	-14.8%	42.6%
Commodities	1,387	-47%	-57%	6.8%	494	-33.4%	-31.6%	6.4%
Fund	820	3.7%	-17.6%	4.0%	87	0.6%	-26.5%	1.1%
Currencies	397	5.6%	29%	2.0%	136	18.8%	12.8%	1.8%
Leveraged Indices	191	115%	3.4%	0.9%	27	-1.7%	-31.7%	0.4%
Fixed Income	53	42%	120%	0.3%	15	50.1%	100.2%	0.2%
Leveraged Commodities	52	-11.8%	-24%	0.3%	15	-16.7%	-45.1%	0.2%
Equities	29	-78%	-15.5%	0.1%	6.5	-67.1%	-23.7%	0.1%
Basket	5	-69%	-45%	0.0%	1.0	-57.5%	-20.5%	0.0%
Total	20,305	-21.8%	-11.4%	100%	7,761	-15.4%	-6.1%	100%



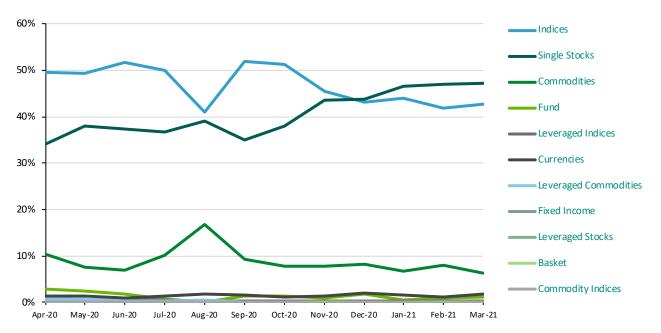
#### Market Trend: Value traded

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.

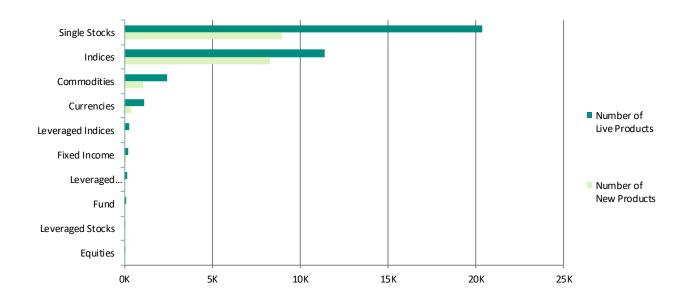


#### **Product Overview**

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.

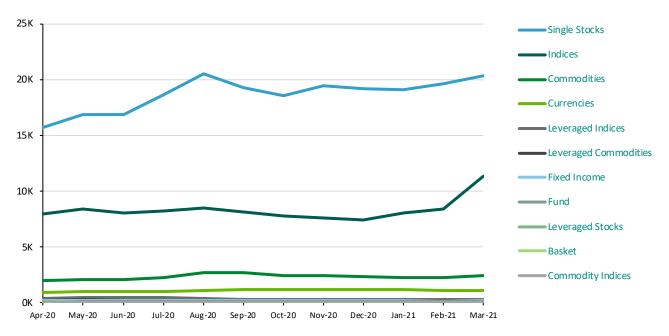
The chart at the bottom of the page represents the number of live products and number of new products for each underlying type.

	N	umber of Li	ve Products	5	Nu	umber of Ne	ew Products	5
Underlying Types	Daily	Month	vs.Last	Market	This	Month	vs.Last	Market
	average	on	12	share	month	on	12	share
		month	months			month	months	
Single Stocks	20,360	3.7%	8.9%	56.2%	8,938	14.1%	-18.1%	47.5%
Indices	11,379	36%	37%	31.4%	8,260	268%	155%	43.9%
Commodities	2,445	6.0%	3.9%	6.7%	1,055	12.2%	-0.1%	5.6%
Currencies	1,138	2.1%	3.1%	3.1%	373	661%	68%	2.0%
Leveraged Indices	296	-2.3%	-17.4%	0.8%	12	50%	-56%	0.1%
Fixed Income	196	10.1%	0.0%	0.5%	118	NA	581%	0.6%
Leveraged Commodities	148	-9.4%	-24%	0.4%	22	-21%	-49%	0.1%
Fund	127	2.6%	11.0%	0.4%	7	250%	155%	0.0%
Leveraged Stocks	64	0.0%	-1.9%	0.2%	2	-60%	-79%	0.0%
Equities	59	-3.6%	116%	0.2%	47	-36%	54%	0.2%
Total	36,225	12.0%	15.2%	100%	18,834	68.3%	21.0%	100%



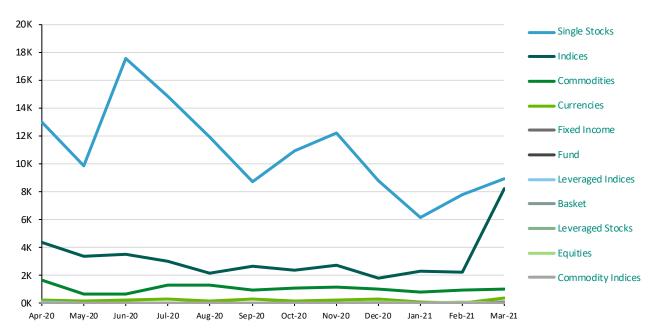
## **Product Trend: Number of Live Products**

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.

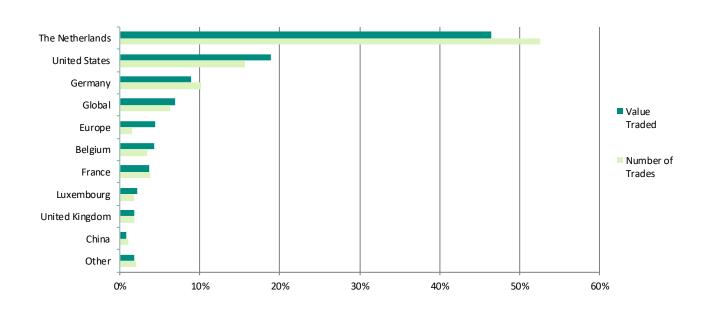


#### **Market Overview**

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.

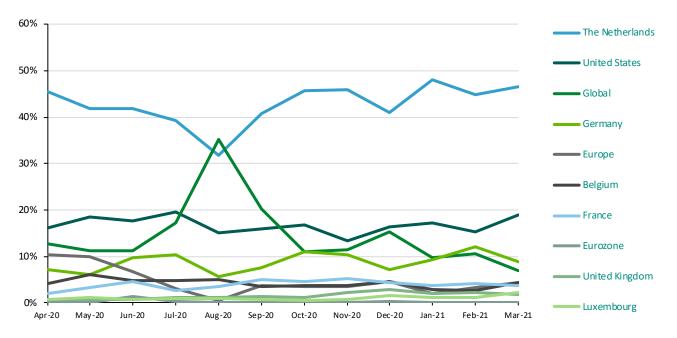
The chart at the bottom of the page represents the weight of each underlying country of origin in terms of value traded

		Value T	raded			Number o	of Trades	
Underlying Countries	Daily	Month	vs. Last	Market	Daily	Month	vs.Last	Market
	average	on	12	share	average	on	12	share
	(in €k)	month	months			month	months	
The Netherlands	9,440	-19.0%	-4.0%	46.5%	4,081	-12.8%	-3.1%	52.6%
United States	3,830	-3.2%	-0.5%	18.9%	1,218	-1.8%	-1.9%	15.7%
Germany	1,807	-42%	-9.2%	8.9%	789	-15.9%	-1.1%	10.2%
Global	1,397	-49%	-57%	6.9%	485	-36%	-31%	6.3%
Europe	902	3.9%	-23%	4.4%	113	-3.5%	-31%	1.5%
Belgium	877	24%	-9.5%	4.3%	265	-14.0%	-34%	3.4%
France	748	-30%	-13.2%	3.7%	295	-19.6%	-9.9%	3.8%
Luxembourg	434	53%	86%	2.1%	138	15.2%	18.5%	1.8%
United Kingdom	359	-37%	12.1%	1.8%	141	-43%	29%	1.8%
China	146	-58%	-8.3%	0.7%	75	-43%	22%	1.0%
Other	366	-42%	15.5%	1.8%	160	-41%	26%	2.1%
Total	20,305	-21.8%	-11.4%	100%	7,761	-15.4%	-6.1%	100%



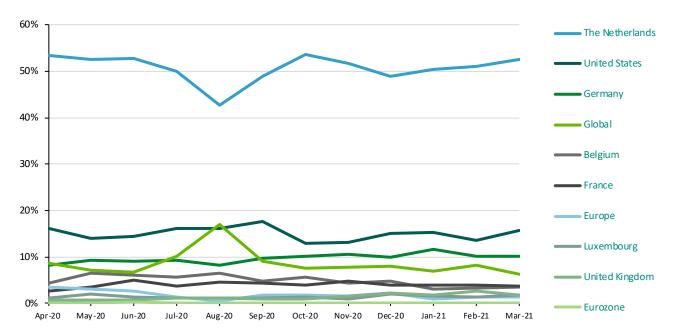
#### Market Trend: Value traded

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.

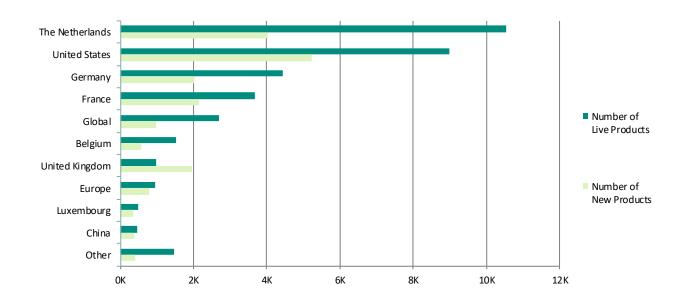


#### **Product Overview**

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.

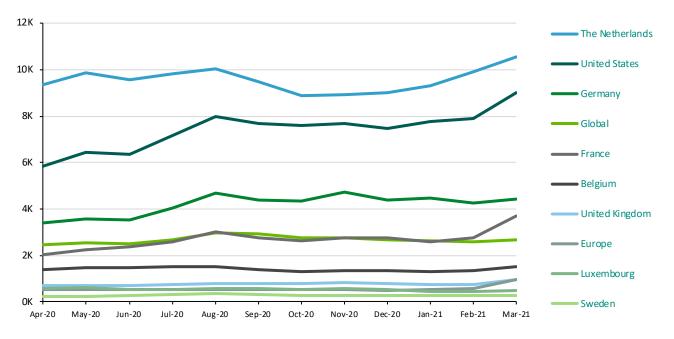
The chart at the bottom of the page represents the number of live products and number of new products for each top

	Nu	umber of Li	ve Products	5	Nu	imber of Ne	ew Products	
Underlying Countries	Daily	Month	vs.Last	Market	This	Month	vs.Last	Market
	average	on month	12 months	share	month	on month	12 months	share
The Netherlands	10,542	6.5%	10.3%	29.1%	4,023	6.9%	8.5%	21.4%
United States	8,996	13.8%	22%	24.8%	5,224	127%	21%	27.7%
Germany	4,435	4.2%	6.0%	12.2%	2,011	92%	-33%	10.7%
France	3,686	34%	38%	10.2%	2,159	27%	30%	11.5%
Global	2,690	3.3%	0.2%	7.4%	976	18.7%	-4.4%	5.2%
Belgium	1,531	15.2%	8.9%	4.2%	572	59%	25%	3.0%
United Kingdom	980	30%	26%	2.7%	1,953	NA	362%	10.4%
Europe	959	71%	70%	2.6%	795	946%	412%	4.2%
Luxembourg	490	9.9%	-8.0%	1.4%	342	26%	14.4%	1.8%
China	459	9.6%	59%	1.3%	369	7.3%	162%	2.0%
Other	1,458	3.2%	5.6%	4.0%	410		12.5%	2.2%
Total	36,225	12.0%	15.2%	100%	18,834	68.3%	21.0%	100%



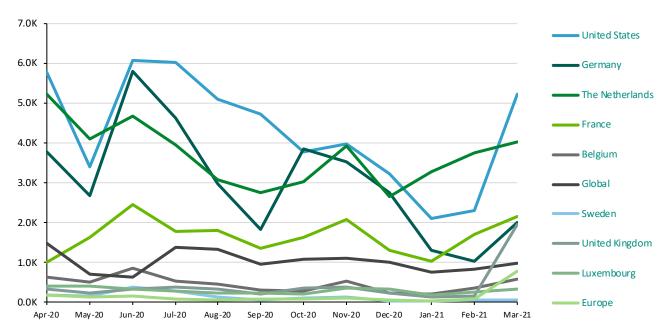
#### **Product Trend: Number of Live Products**

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.

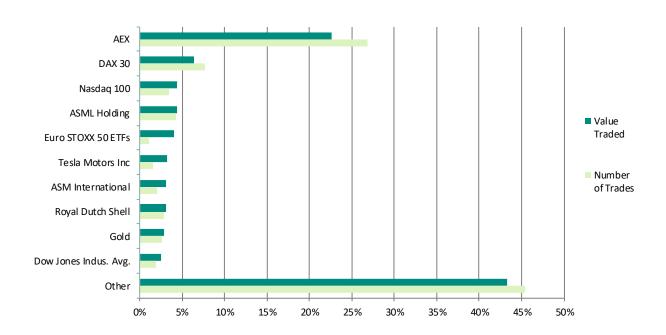


#### **Market Overview**

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.

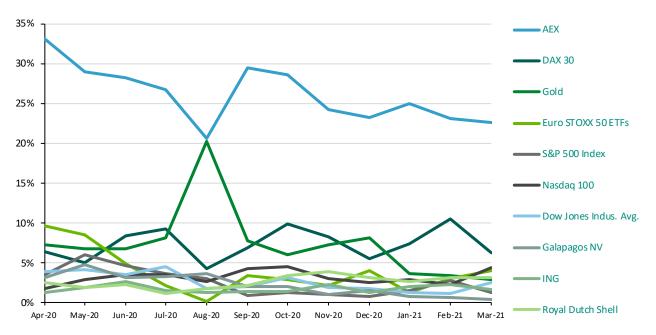
The chart at the bottom of the page represents the weight of each of the top 10 underlyings in terms of value traded and number of trades.

		Value T	raded			Number o	fTrades	
Underlyings	Daily	Month	vs. Last	Market	Daily	Month	vs.Last	Market
	average	on	12	share	average	on	12	share
	(in €k)	month	months			month	months	
AEX	4,595	-24%	-25%	22.6%	2,085	-16.3%	-16.0%	26.9%
DAX 30	1,288	-53%	-23%	6.3%	601	-23%	-10.1%	7.7%
Nasdaq 100	894	52%	25%	4.4%	267	45%	14.4%	3.4%
ASML Holding	889	1.8%	48%	4.4%	335	6.4%	22%	4.3%
Euro STOXX 50 ETFs	820	3.7%	-17.6%	4.0%	87	0.6%	-26%	1.1%
Tesla Motors Inc	644	15.9%	45%	3.2%	124	-22%	-17.6%	1.6%
ASMInternational	642	42%	192%	3.2%	160	27%	141%	2.1%
Royal Dutch Shell	639	-22%	8.9%	3.1%	226	-16.7%	-13.6%	2.9%
Gold	594	-34%	-64%	2.9%	203	-28%	-27%	2.6%
Dow Jones Indus. Avg.	511	73%	-19.8%	2.5%	151	13.4%	-24%	1.9%
Other	8,788	-26%	-5.2%	43.3%	3,523	-18.9%	-0.2%	45.4%
Total	20,305	-21.8%	-11.4%	100%	7,761	-15.4%	-6.1%	100%



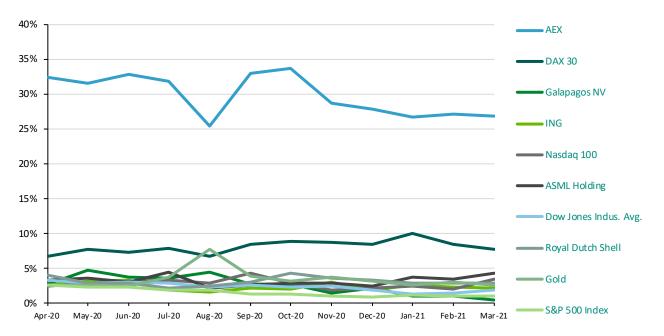
#### Market Trend: Value traded

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.

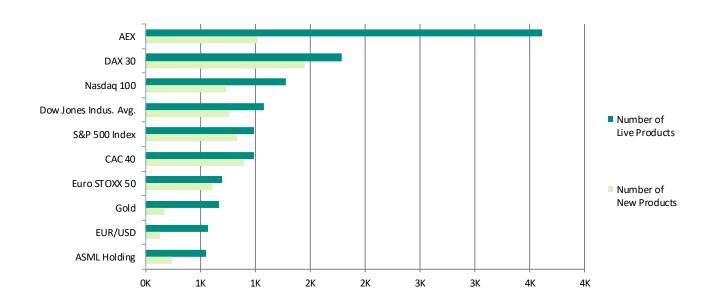


#### **Product Overview**

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.

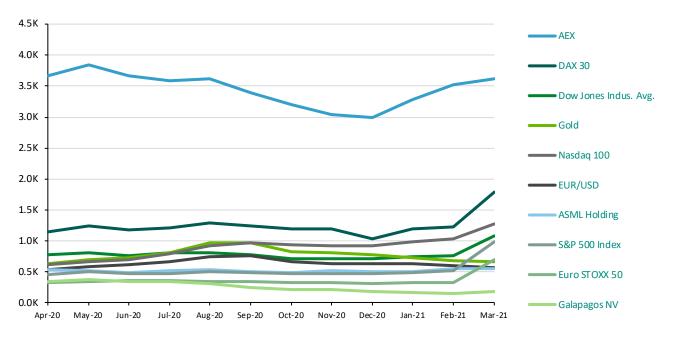
The chart at the bottom of the page represents the number of live products and number of new products for each top 10 underlying.

	N	umber of Li	ve Products	5	Νι	Imber of Ne	ew Products	;
Underlyings	Daily	Month	vs.Last	Market	This	Month	vs.Last	Market
	average	on	12	share	month	on	12	share
		month	months			month	months	
AEX	3,618	2.8%	4.8%	10.0%	1,027	-23%	-17.9%	5.5%
DAX 30	1,787	46%	44%	4.9%	1,453	524%	155%	7.7%
Nasdaq 100	1,278	24%	43%	3.5%	737	225%	93%	3.9%
Dow Jones Indus. Avg.	1,083	44%	37%	3.0%	762	456%	148%	4.0%
S&P 500 Index	991	92%	88%	2.7%	838	622%	294%	4.4%
CAC 40	989	223%	182%	2.7%	901	NA	530%	4.8%
Euro STOXX 50	698	109%	91%	1.9%	608	NA	401%	3.2%
Gold	670	-2.6%	-13.3%	1.9%	169	27%	-39%	0.9%
EUR/USD	571	-4.6%	-10.3%	1.6%	137	407%	-11.0%	0.7%
ASML Holding	548	-0.1%	6.4%	1.5%	244	-22%	-8.6%	1.3%
Other	23,990	5.1%	9.5%	66.2%	11,958		0.6%	63.5%
Total	36,225	12.0%	15.2%	100%	18,834	68.3%	21.0%	100%



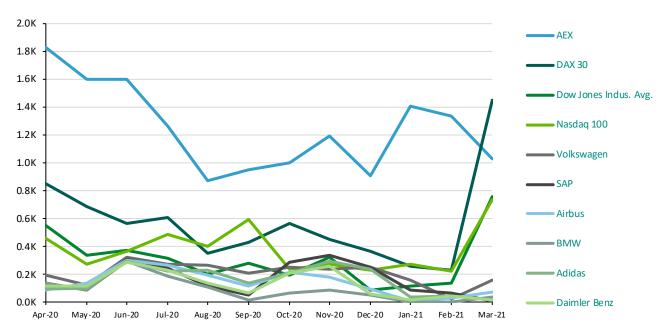
## **Product Trend: Number of Live Products**

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

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.

					Value	
					Traded	Nb of
ISIN Code	lssuer		Product Type	Underlying	(in €k)	
NL00150003R3		2100	Warrants	Euro STOXX 50 ETFs	8,826	861
			Open-End Knock-Out Warrants	AEX	7,627	2,644
NL00150003S1			Warrants	Euro STOXX 50 ETFs	7,013	746
DE000VQ388F4			Open-End Knock-Out Warrants	AEX	4,653	4,714
NLBNPNL15L54			Mini-Futures	AEX	4,033	169
	Goldman Sachs		Mini-Futures	AEX	4,118	1,358
NLBNPNL17P66				AEX	,	
			Mini-Futures Open-End Knock-Out Warrants		3,936	226
	Goldman Sachs			Tesla Motors Inc	3,927	85
NL0014142523			Open-End Knock-Out Warrants	DAX 30	3,240	659
NLBNPNL15NU9			Mini-Futures	DAX 30	2,829	114
NLBNPNL154V7			Mini-Futures	AEX	2,376	143
NLBNPNL17P90			Mini-Futures	AEX	2,208	583
NL0014809303			Mini-Futures	Gold	2,204	202
NLBNPNL17I99			Mini-Futures	AEX	1,930	174
DE000VN61YB4			Constant Leverage Certificate	DAX x4 Short Index	1,908	25
NL0014156432			Mini-Futures	AEX	1,803	603
NL0014308371			Mini-Futures	Dow Jones Indus. Avg.	1,766	189
NLBNPNL11UB3			Open-End Knock-Out Warrants	Inbev	1,755	154
NLBNPNL16MI4			Open-End Knock-Out Warrants	Tesla Motors Inc	1,654	216
NL0015100918			Open-End Knock-Out Warrants	Inbev	1,610	191
NLBNPNL17BK1	BNP Paribas	2210	Mini-Futures	ASM International	1,550	100
NLBNPNL16NB7	BNP Paribas	2210	Mini-Futures	AEX	1,541	155
NLBNPNL17MV5	BNP Paribas	2205	Open-End Knock-Out Warrants	DAX 30	1,519	435
NLBNPNL13EU3	BNP Paribas	2210	Mini-Futures	Adyen	1,511	182
NLBNPNL17LD5	BNP Paribas	2210	Mini-Futures	DAX 30	1,461	48
DE000VP1X8C9	Vontobel	2300	Constant Leverage Certificate	S&P 500 x20 Leverage Index	1,438	60
NLBNPNL17TQ0	BNP Paribas	2210	Mini-Futures	Dow Jones Indus. Avg.	1,431	90
NLGS0000AQH3	Goldman Sachs	2205	Open-End Knock-Out Warrants	Tesla Motors Inc	1,422	35
NL0014660748	BNP Paribas	2205	Open-End Knock-Out Warrants	Unilever	1,418	444
NLBNPNL17154	BNP Paribas	2210	Mini-Futures	AEX	1,386	227
NL0014671372	BNP Paribas	2210	Mini-Futures	Gold	1,375	95
NLBNPNL163P0	BNP Paribas	2205	Open-End Knock-Out Warrants	AEX	1,368	433
NLBNPNL17I65	BNP Paribas		Mini-Futures	AEX	1,341	37
NLGS0000WXV4	Goldman Sachs	2210	Mini-Futures	S&P 500 Index	1,323	7
NLBNPNL15MN6			Open-End Knock-Out Warrants	DAX 30	1,316	488
NLBNPNL16BX6			Mini-Futures	AEX	1,311	80
NLBNPNL16BY4			Mini-Futures	AEX	1,233	96
NLBNPNL11XI2		-	Open-End Knock-Out Warrants	Dow Jones Indus. Avg.	1,220	170
NLBNPNL17RW2			Mini-Futures	Nasdag 100	1,203	115
NLBNPNL17LA1			Mini-Futures	AEX	1,194	153
		-	Capped Bonus Certificates	Ahold	1,157	11
NLBNPNL14ZJ9			Mini-Futures	AEX	1,124	257
NLBNPNL16QI5			Open-End Knock-Out Warrants	Arcelormittal	1,124	72
NLBNPNL15ID5			Mini-Futures	AEX	1,110	35
NLBNPNL15NQ7			Mini-Futures	AEX	1,111	81
NLBNPNL15QG1			Open-End Knock-Out Warrants	Argenx NV	1,101	297
NL0014156465			Mini-Futures	AFRENT NV		
		2210		EUR/USD	1,045	170
NLBNPNL14NM9 NLBNPNL17RU6					1,029	81 115
NLBNPNL17R06		2210	Mini-Futures Open-End Knock-Out Warrants	Nasdaq 100 Royal Dutch Shell	1,018 1,017	115
(Source Euronext		2205	open-end knock-Out warrants	NUYAT DUTCH SHELL	1,017	249



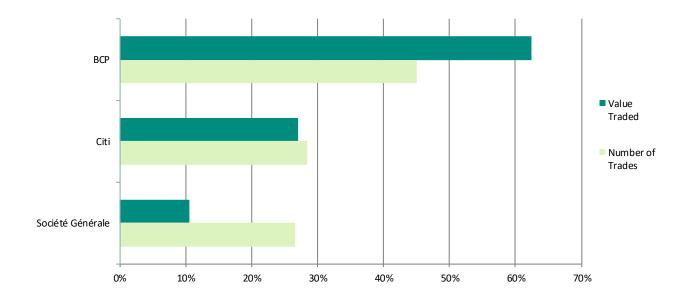
# Interbolsa Instruments

#### **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.

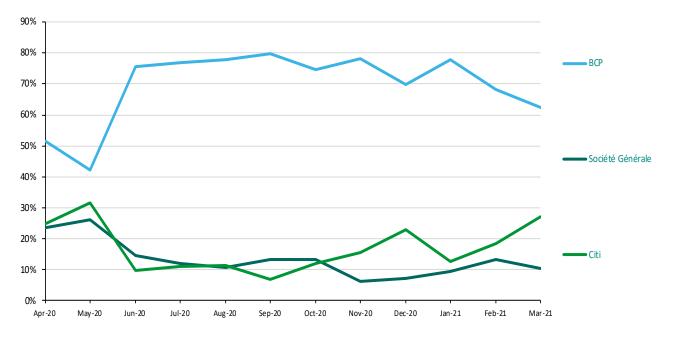
The chart at the bottom of the page represents the weight of each issuer in terms of value traded and number of trades.

	Value Traded				Number of Trades				
Issuers	Daily	Month	vs.Last	Market	Daily	Month	vs.Last	Market	
	average	on	12	share	average	on	12	share	
	(in €k)	month	months			month	months		
BCP	2,624	1.3%	62%	62.4%	146	-3.8%	33.5%	45.0%	
Citi	1,138	64%	176%	27.1%	92	16.7%	59.6%	28.4%	
Société Générale	442	-13.2%	52%	10.5%	86	4.2%	3.6%	26.5%	
Total	4,203	10.8%	80.7%	100%	324	3.5%	29.6%	100%	



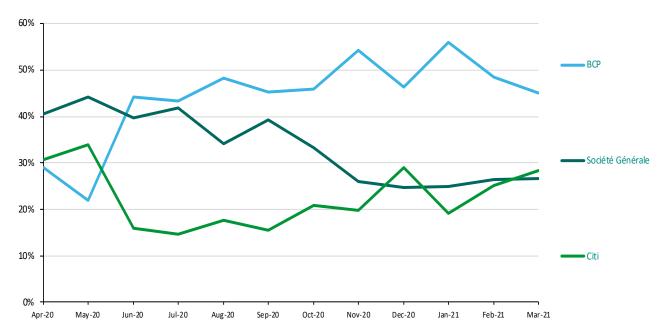
## Market Trend: Value traded

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.



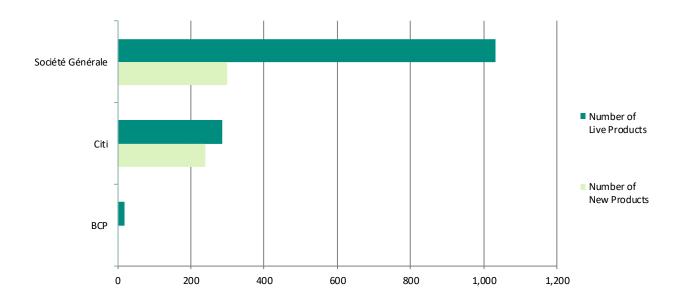
Market Activity Report - Warrants & Certificates - Interbolsa Instruments - March 2021

## **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.

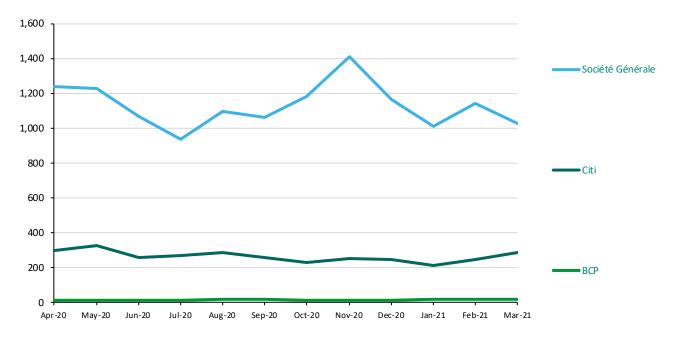
The chart at the bottom of the page represents the number of live products and number of new products for each issuer.

	Number of Live Products				Number of New Products			
Issuers	Daily	Month	vs.Last	Market	This	Month	vs.Last	Market
	average	on	12	share	month	on	12	share
		month	months			month	months	
Société Générale	1,032	-9.8%	-8.9%	77.2%	298	161%	-13.1%	55.6%
Citi	287	15.5%	8.0%	21.4%	238	153%	86%	44.4%
ВСР	19	0.0%	17.9%	1.4%	0		-100%	0.0%
Total	1,338	-5.2%	-5.4%	100%	536	157.7%	13.7%	100%



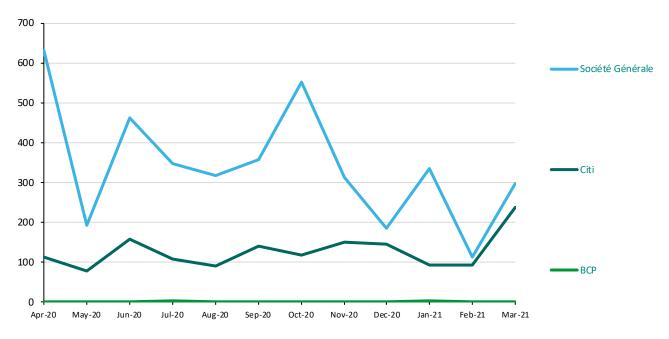
## Product Trend: Number of Live Products

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.



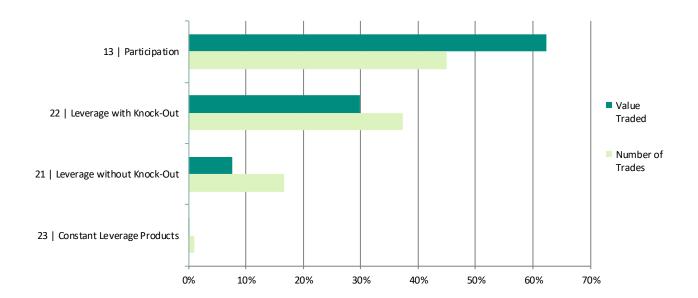
Market Activity Report - Warrants & Certificates - Interbolsa Instruments - March 2021

## **Market Overview**

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

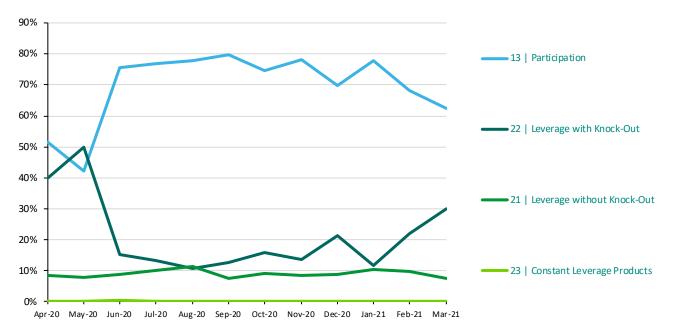
The chart at the bottom of the page represents the weight of each product type in terms of value traded and number of trades.

	Value Traded				Number of Trades				
Product Types	Daily	Month	vs.Last	Market	Daily	Month	vs.Last	Market	
(EUSIPA Categorization Level 2)	average	on	12	share	average	on	12	share	
	(in €k)	month	months			month	months		
13   Participation	2,624	1.3%	62%	62.4%	146	-3.8%	33.5%	45.0%	
22   Leverage with Knock-Out	1,256	51%	155%	29.9%	121	14.7%	34.7%	37.4%	
21   Leverage without Knock-Out	321	-13.7%	54%	7.6%	54	-0.7%	10.5%	16.6%	
23   Constant Leverage Products	3	279%	42%	0.1%	3.0	97.1%	52.3%	0.9%	
Total	4,203	10.8%	80.7%	100%	324	3.5%	29.6%	100%	



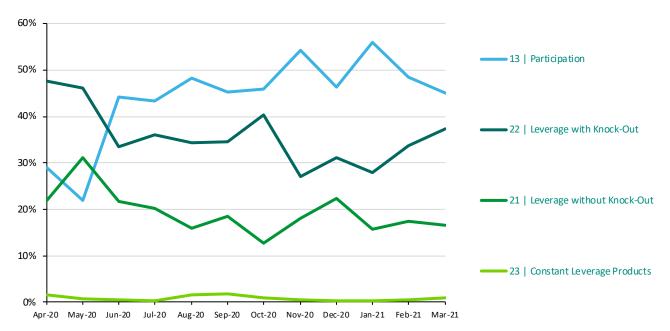
#### Market Trend: Value traded

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.

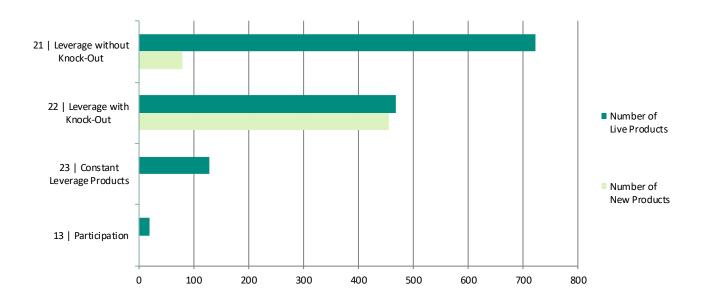


## **Product Overview**

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

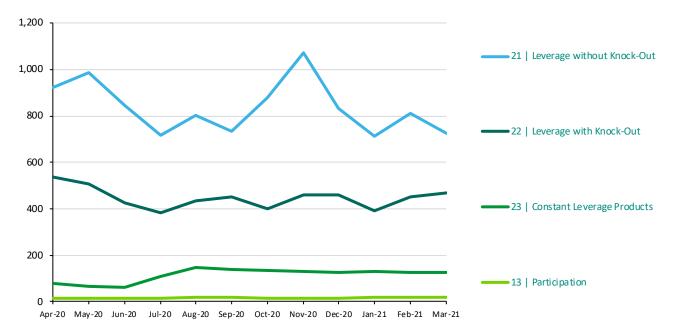
The chart at the bottom of the page represents the number of live products and number of new products for each product type.

	N	Number of Live Products Number of New Produ						
Product Types	Daily	Month	vs.Last	Market	This	Month	vs.Last	Market
(EUSIPA Categorization Level 2)	average	on	12	share	month	on	12	share
		month	months			month	months	
21   Leverage without Knock-Out	723	-11.0%	-13.5%	54.1%	80		-26%	14.9%
22   Leverage with Knock-Out	468	3.6%	4.7%	35.0%	456	119%	29%	85.1%
23   Constant Leverage Products	128	0.0%	11.1%	9.6%	0		-100%	0.0%
13   Participation	19	0.0%	17.9%	1.4%	0		-100%	0.0%
Total	1,338	-5.2%	-5.4%	100%	536	157.7%	13.7%	100%



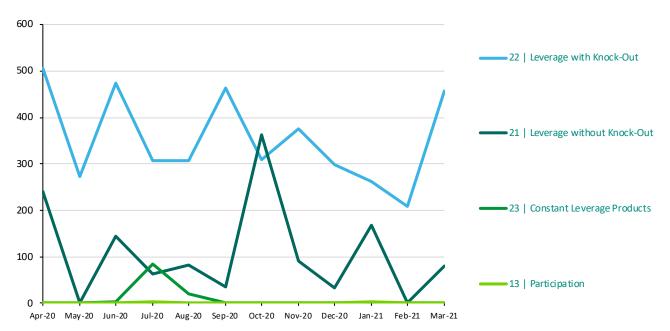
## Product Trend: Number of Live Products

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.



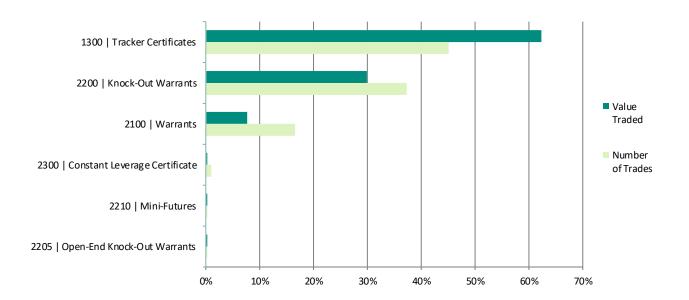
Market Activity Report - Warrants & Certificates - Interbolsa Instruments - March 2021

## **Market Overview**

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

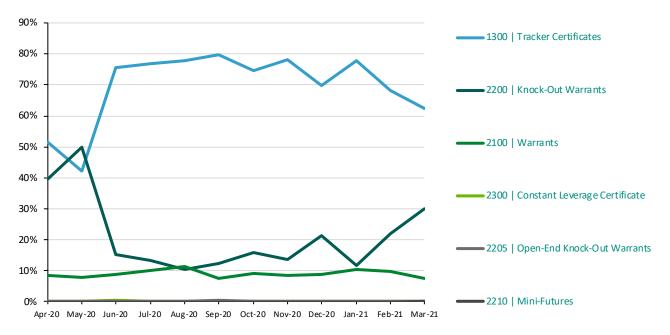
The chart at the bottom of the page represents the weight of each product type in terms of value traded and number of trades.

	Value Traded				Number of Trades				
Product Types	Daily	Month	vs.Last	Market	Daily	Month	vs. Last	Market	
(EUSIPA Categorization Level 3)	average	on	12	share	average	on	12	share	
	(in €k)	month	months			month	months		
1300   Tracker Certificates	2,624	1.3%	62%	62.4%	146	-3.8%	33.5%	45.0%	
2200   Knock-Out Warrants	1,254	51%	155%	29.8%	121	14.4%	35%	37.3%	
2100   Warrants	321	-13.7%	54%	7.6%	54	-0.7%	10.5%	16.6%	
2300   Constant Leverage Certificate	3	279%	42%	0.1%	3.0	97%	52%	0.9%	
2210   Mini-Futures	1		NA	0.0%	0.3		NA	0.1%	
2205   Open-End Knock-Out Warrants	0	399%	-68%	0.0%	0.1	161%	-67%	0.0%	
Total	4,203	10.8%	80.7%	100%	324	3.5%	29.6%	100%	



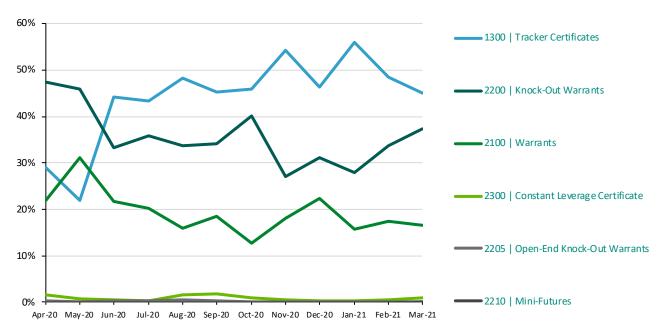
#### Market Trend: Value traded

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.

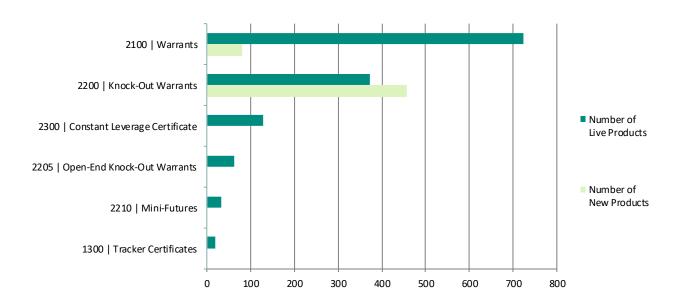


## **Product Overview**

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

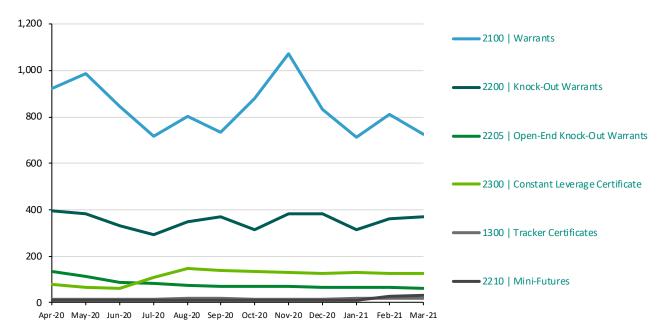
The chart at the bottom of the page represents the number of live products and number of new products for each product type.

	Number of Live Products				Number of New Products			
Product Types	Daily	Month	vs.Last	Market	This	Month	vs. Last	Market
(EUSIPA Categorization Level 3)	average	on	12	share	month	on	12	share
		month	months			month	months	
2100   Warrants	723	-11.0%	-13.5%	54.1%	80		-26%	14.9%
2200   Knock-Out Warrants	372	3.2%	5.2%	27.8%	456	152%	33%	85.1%
2300   Constant Leverage Certificate	128	0.0%	11.1%	9.6%	0		-100%	0.0%
2205   Open-End Knock-Out Warrants	62	-2.4%	-22%	4.7%	0		-100%	0.0%
2210   Mini-Futures	34	22%	151%	2.5%	0	-100%	-100%	0.0%
1300   Tracker Certificates	19	0.0%	17.9%	1.4%	0		-100%	0.0%
Total	1,338	-5.2%	-5.4%	100%	536	157.7%	13.7%	100%



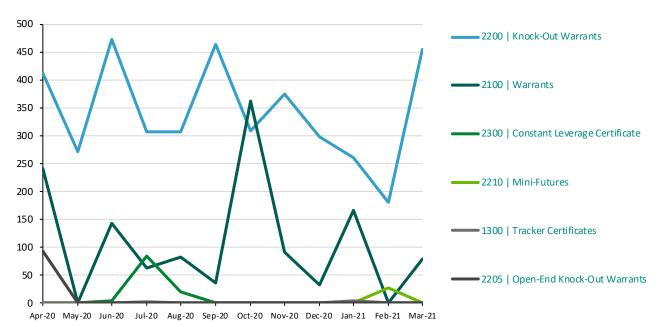
## Product Trend: Number of Live Products

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.

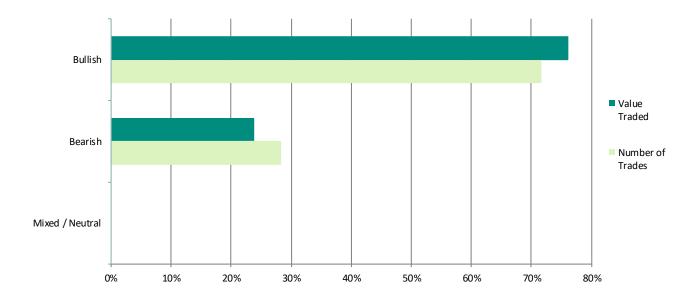


#### **Market Overview**

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.

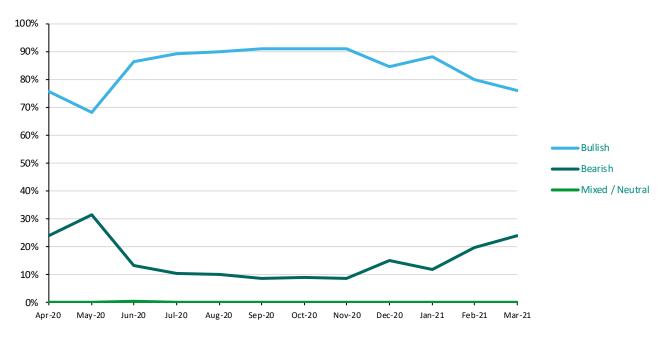
The chart at the bottom of the page represents the weight of each product strategy in terms of value traded and number of trades.

	Value Traded				Number of Trades				
Product Strategies	Daily	Month	vs.Last	Market	Daily	Month	vs.Last	Market	
	average	on	12	share	average	on	12	share	
	(in €k)	month	months			month	months		
Bullish	3,199	5.2%	64%	76.1%	233	-2.7%	29.4%	71.8%	
Bearish	1,004	33%	168%	23.9%	92	24%	32%	28.2%	
Mixed / Neutral	0	-100%	-100%	0.0%	0.0	-100%	-100%	0.0%	
Total	4,203	10.8%	80.7%	100%	324	3.5%	29.6%	100%	



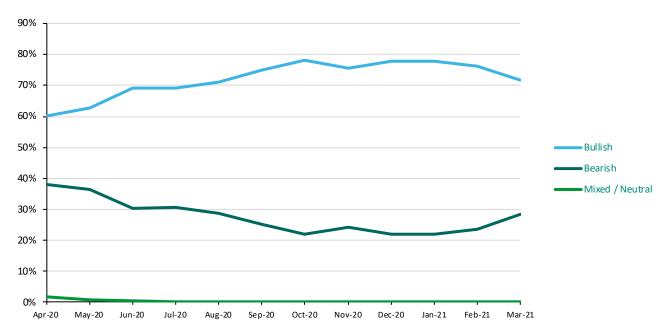
#### Market Trend: Value traded

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.



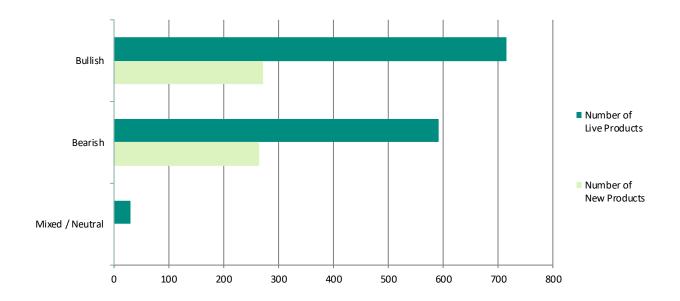
Market Activity Report - Warrants & Certificates - Interbolsa Instruments - March 2021

#### **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.

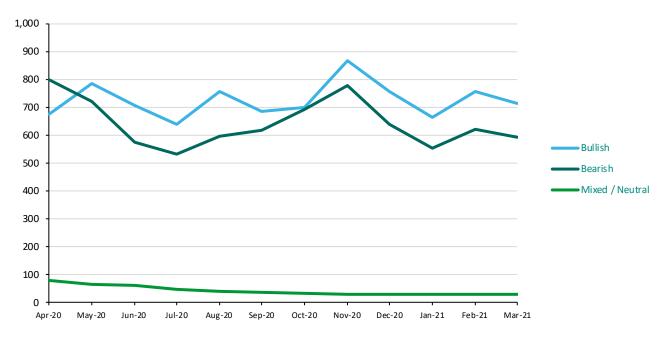
The chart at the bottom of the page represents the number of live products and number of new products for each product strategy.

	Number of Live Products				Number of New Products				
Strategies	Daily	Month	vs.Last	Market	This	Month	vs.Last	Market	
	average	on	12	share	month	on	12	share	
		month	months			month	months		
Bullish	715	-5.7%	-1.6%	53.5%	272	108%	9.3%	50.7%	
Bearish	593	-4.9%	-8.0%	44.3%	264	243%	18.7%	49.3%	
Mixed / Neutral	30	0.0%	-30%	2.2%	0			0.0%	
Total	1,338	-5.2%	-5.4%	100%	536	157.7%	13.7%	100%	



#### **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.



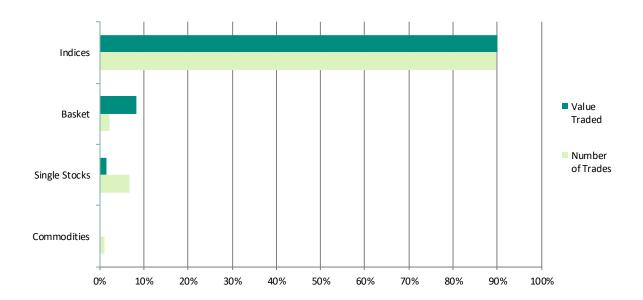
Market Activity Report - Warrants & Certificates - Interbolsa Instruments - March 2021

#### **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.

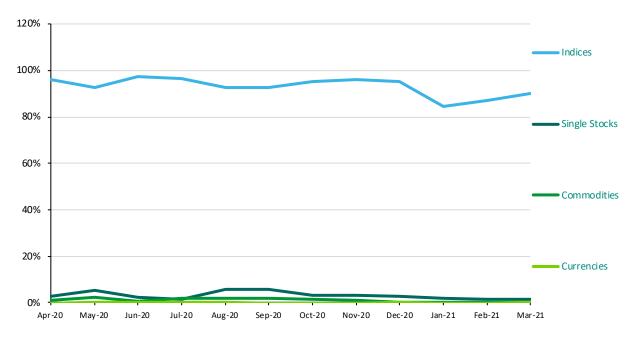
The chart at the bottom of the page represents the weight of each underlying type in terms of value traded and number of trades.

	Value Traded				Number of Trades				
Underlying Types	Daily	Month	vs.Last	Market	Daily	Month	vs.Last	Market	
	average	on	12	share	average	on	12	share	
	(in €k)	month	months			month	months		
Indices	3,787	14.7%	77%	90.1%	291	2.8%	30.7%	89.9%	
Basket	350	-17.3%	242%	8.3%	6.8	4.3%	260.2%	2.1%	
Single Stocks	61	10.0%	-2.1%	1.4%	22	15.6%	-0.2%	6.8%	
Commodities	5	-58%	-74%	0.1%	3.7	-6.5%	21.3%	1.2%	
Total	4,203	10.8%	80.7%	100%	324	3.5%	29.6%	100%	



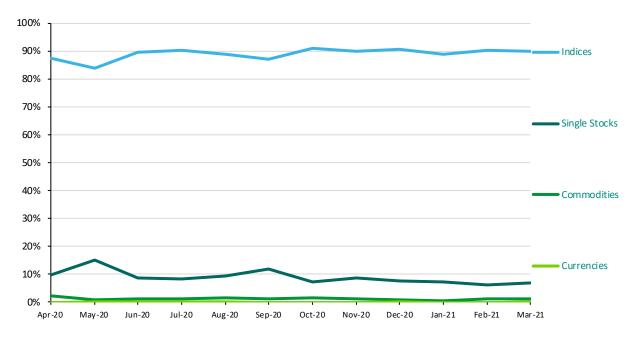
#### Market Trend: Value traded

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.



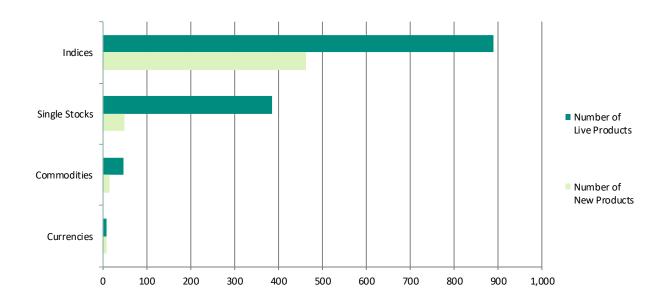
Market Activity Report - Warrants & Certificates - Interbolsa Instruments - March 2021

#### **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.

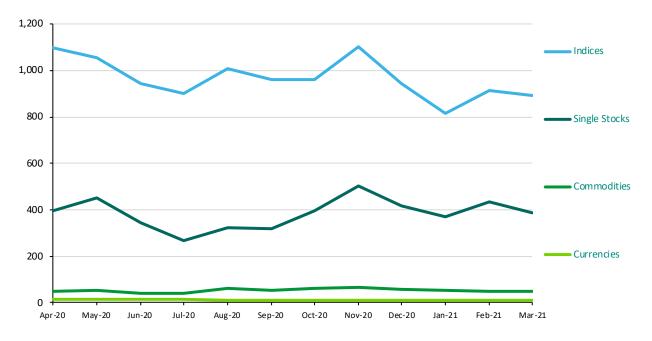
	Number of Live Products				Number of New Products				
Underlying Types	Daily	Month	vs.Last	Market	This	Month	vs.Last	Market	
	average	on	12	share	month	on	12	share	
		month	months			month	months		
Indices	890	-2.7%	-7.8%	66.5%	464	231%	23%	86.6%	
Single Stocks	386	-10.9%	0.6%	28.8%	49	-10.9%	-34%	9.1%	
Commodities	48	-4.7%	-8.4%	3.6%	15	15.4%	-18.9%	2.8%	
Currencies	9	11.3%	-21%	0.7%	8		174%	1.5%	
Total	1,338	-5.2%	-5.4%	100%	536	157.7%	13.7%	100%	



### 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.

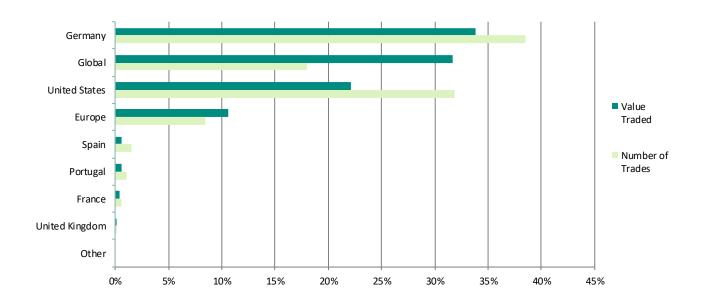


#### **Market Overview**

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.

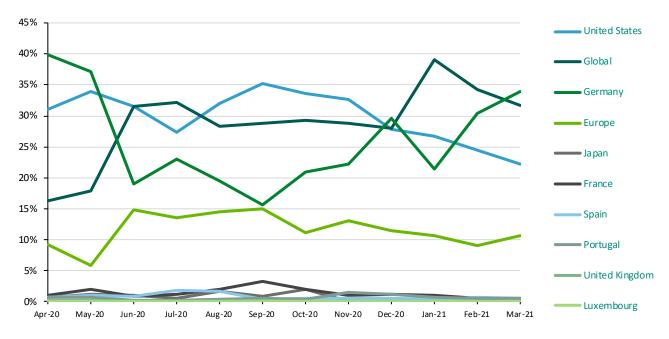
The chart at the bottom of the page represents the weight of each underlying country of origin in terms of value traded and number of trades.

	Value Traded				Number of Trades					
Underlying Countries	Daily	Month	vs.Last	Market	Daily	Month	vs. Last	Market		
	average	on	12	share	average	on	12	share		
	(in €k)	month	months			month	months			
Germany	1,424	23%	130%	33.9%	125	7.3%	29.0%	38.6%		
Global	1,332	2.3%	90%	31.7%	58	-1.9%	44%	18.0%		
United States	932	0.2%	40%	22.2%	103	1.0%	33%	31.8%		
Europe	447	30%	69%	10.6%	27	7.9%	30%	8.4%		
Spain	25	4.2%	45%	0.6%	4.8	10.9%	-6.0%	1.5%		
Portugal	25	10.2%	62%	0.6%	3.4	10.8%	32%	1.1%		
France	18	-1.6%	-34%	0.4%	1.8	-19.0%	-61%	0.5%		
United Kingdom	0	-4.2%	-71%	0.0%	0.2	74%	-76%	0.1%		
Other	0	-100%	-100%	0.0%	0.0	-100%	-100%	0.0%		
Total	4,203	10.8%	80.7%	100%	324	3.5%	29.6%	100%		



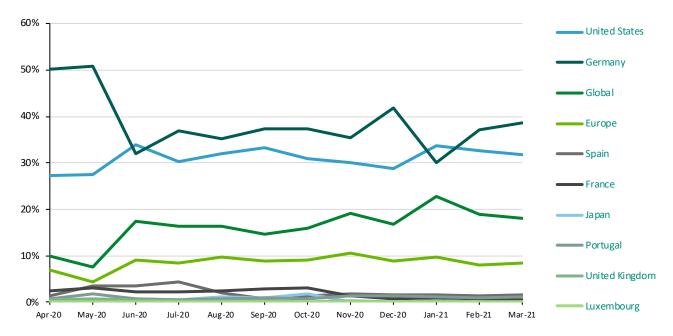
#### Market Trend: Value traded

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.

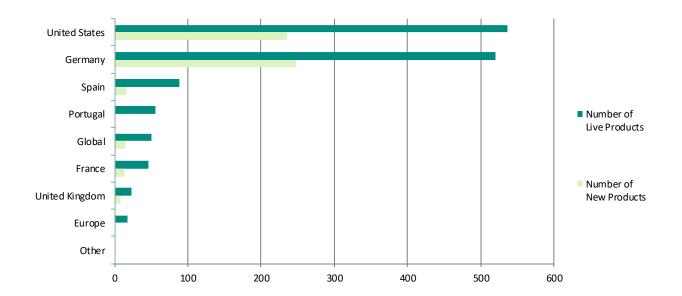


#### **Product Overview**

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.

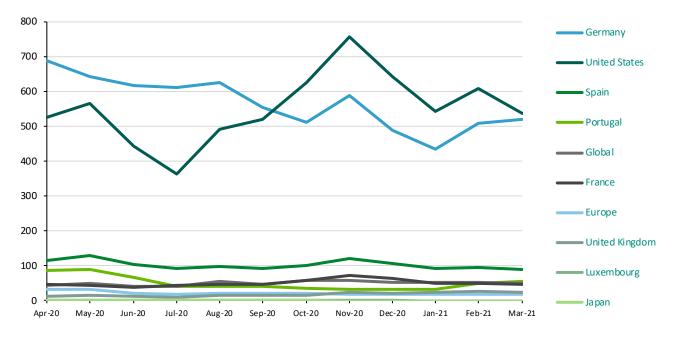
The chart at the bottom of the page represents the number of live products and number of new products for each top 10 underlying country.

	Number of Live Products				Number of New Products				
Underlying Countries	Daily	Month	vs.Last	Market	This	Month	vs.Last	Market	
	average	on	12	share	month	on	12	share	
		month	months			month	months		
United States	537	-12.0%	-2.8%	40.2%	236	143%	6.3%	44.0%	
Germany	520	2.1%	-8.3%	38.9%	248	328%	37%	46.3%	
Spain	88	-8.3%	-14.6%	6.6%	16	129%	-33%	3.0%	
Portugal	56	14.5%	11.4%	4.2%	0	-100%	-100%	0.0%	
Global	50	-4.5%	-1.6%	3.7%	15	15.4%	-18.2%	2.8%	
France	46	-8.6%	-8.7%	3.5%	13	117%	-20.0%	2.4%	
United Kingdom	23	-12.0%	30%	1.7%	8		50%	1.5%	
Europe	18	-3.0%	-14.6%	1.3%	0		-100%	0.0%	
Other	0	-100%	-100%	0.0%	0			0.0%	
Total	1,338	-5.2%	-5.4%	100%	536	157.7%	13.7%	100%	



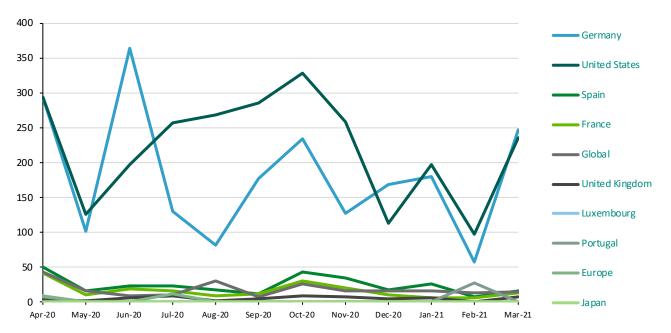
#### **Product Trend: Number of Live Products**

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.

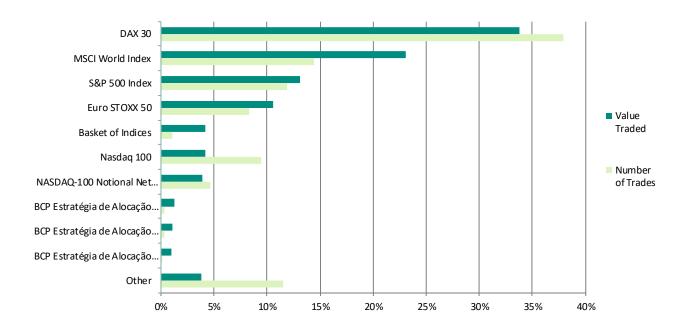


#### **Market Overview**

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.

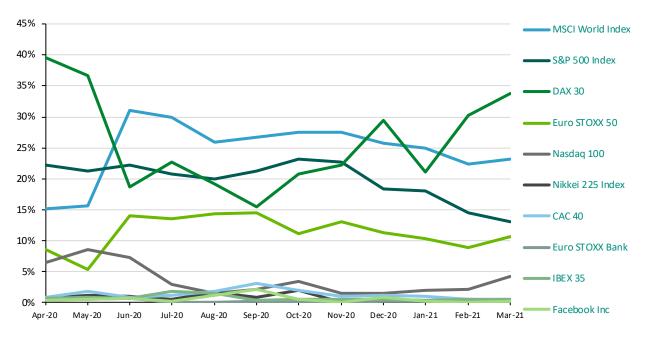
The chart at the bottom of the page represents the weight of each of the top 10 underlyings in terms of value traded and number of trades.

	Value Traded				Number of Trades					
Underlyings	Daily	Month	vs.Last	Market	Daily	Month	vs. Last	Market		
	average	on	12	share	average	on	12	share		
	(in €k)	month	months			month	months			
DAX 30	1,420	24%	131%	33.8%	123	7.4%	32.1%	37.9%		
MSCI World Index	971	14.6%	69%	23.1%	47	-1.0%	34%	14.4%		
S&P 500 Index	551	-0.3%	26%	13.1%	39	-2.4%	7.8%	11.9%		
Euro STOXX 50	445	32%	72%	10.6%	27	8.6%	32%	8.3%		
Basket of Indices	177	-28%	221%	4.2%	3.4	-9.6%	237%	1.0%		
Nasdaq 100	177	125%	121%	4.2%	31	15.2%	64%	9.5%		
NASDAQ-100 Notional Net Total Return	164	-38%	58%	3.9%	15	-31%	77%	4.6%		
BCP Estratégia de Alocação Dinâmica	54	91%	319%	1.3%	1.2	68%	355%	0.4%		
BCP Estratégia de Alocação Valorização	44	2.0%	272%	1.0%	1.1	41%	308%	0.3%		
BCP Estratégia de Alocação Conservadora	40	100%	354%	0.9%	0.3	-23%	187%	0.1%		
Other	160	-31%	-5.0%	3.8%	37	12.6%	0.6%	11.5%		
Total	4,203	10.8%	80.7%	100%	324	3.5%	29.6%	100%		



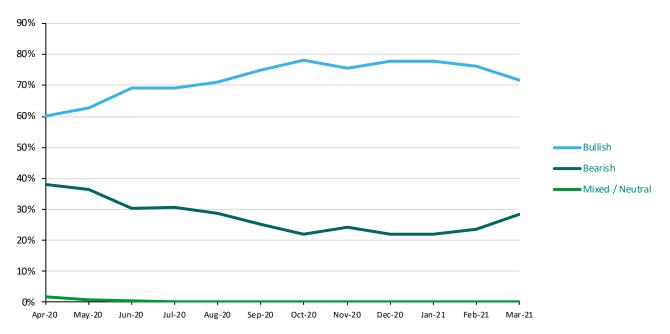
#### Market Trend: Value traded

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.

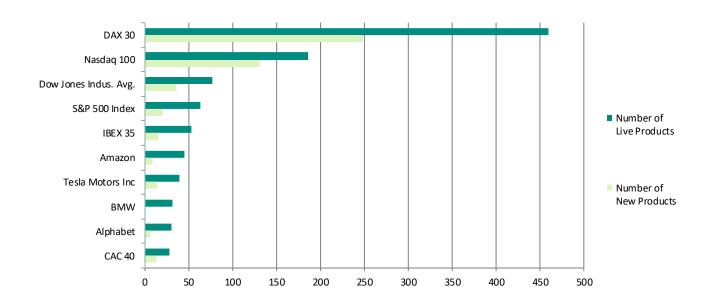


#### **Product Overview**

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.

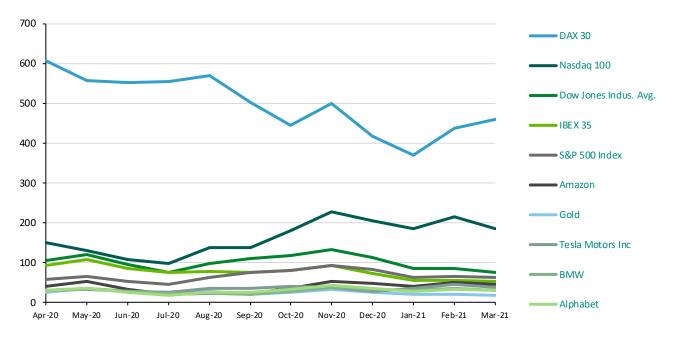
The chart at the bottom of the page represents the number of live products and number of new products for each top 10 underlying.

	Number of Live Products				Number of New Products					
Underlyings	Daily	Month	vs.Last	Market	This	Month	vs.Last	Market		
	average	on	12	share	month	on	12	share		
		month	months			month	months			
DAX 30	460	5.0%	-7.7%	34.4%	248	328%	43%	46.3%		
Nasdaq 100	185	-14.3%	13.3%	13.9%	131	152%	16.7%	24.4%		
Dow Jones Indus. Avg.	77	-11.3%	-24%	5.8%	36	260%	2.9%	6.7%		
S&P 500 Index	63	-5.4%	-7.5%	4.7%	20	186%	6.7%	3.7%		
IBEX 35	53	-4.8%	-31%	4.0%	16	129%	-25%	3.0%		
Amazon	45	-14.3%	14.2%	3.3%	9	80%	-30%	1.7%		
Tesla Motors Inc	39	-13.1%	11.6%	2.9%	15	7.1%	22%	2.8%		
BMW	31	-15.7%	3.9%	2.3%	0		-100%	0.0%		
Alphabet	31	-10.3%	0.4%	2.3%	7	40%	-10.6%	1.3%		
CAC 40	29	3.1%	4.3%	2.1%	13	117%	3.3%	2.4%		
Other	325	-7.6%	-5.3%	24.3%	41			7.6%		
Total	1,338	-5.2%	-5.4%	100%	536	157.7%	13.7%	100%		



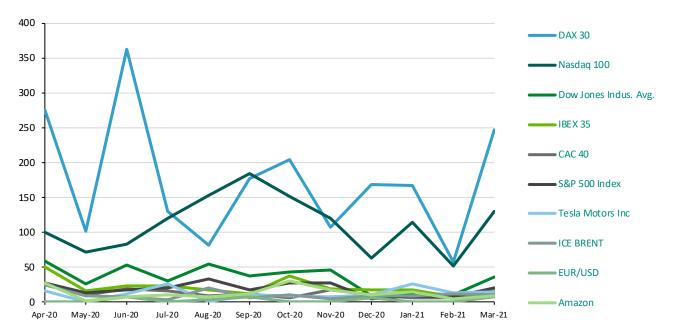
#### **Product Trend: Number of Live Products**

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

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

					Value	
					Value	
					Traded	Nb of
ISIN Code	lssuer		Product Type	Underlying	(in €k)	
PTBITTYE0094	BCP			World Index	22,343	1,076
PTBITHYM0080				600 Index	12,404	801
PTBIVRYE0068				STOXX 50	10,239	618
DE000KE2AZ37			Knock-Out Warrants DAX 3		6,969	332
PTBIT7YM0043				et of Indices	4,071	78
PTBCPZYM0047				AQ-100 Notional Net Tota	3,773	343
DE000KB7T969			Knock-Out Warrants DAX 3	30	2,899	70
DE000SD1VX22	Société Générale	2200	Knock-Out Warrants DAX 3	30	2,558	225
DE000KE2AZU2	Citi	2200	Knock-Out Warrants DAX 3	30	2,422	33
DE000KE2AYQ3	Citi	2100	Warrants DAX 3	30	2,132	20
DE000KE2AZ78	Citi	2200	Knock-Out Warrants DAX 3	30	1,993	30
DE000KE2A3A7	Citi	2200	Knock-Out Warrants DAX 3	30	1,992	48
PTBITEYE0034	BCP	1300	Tracker Certificates DAX 3	30	1,824	152
DE000SD0CHY5	Société Générale	2100	Warrants Nasd	aq 100	1,579	52
DE000KE2AU08	Citi	2200	Knock-Out Warrants DAX 3	30	1,507	40
PTBIT5YM0086	BCP	1300	Tracker Certificates BCP E	stratégia de Alocação Di	1,241	27
DE000KE2A272	Citi	2200	Knock-Out Warrants DAX 3		1,119	40
PTBIT9YM0041	BCP	1300	Tracker Certificates BCP E	stratégia de Alocação Va	1,001	26
PTBIT4YM0087	BCP	1300	Tracker Certificates BCP E	stratégia de Alocação Co	909	8
PTBIT8YM0042				stratégia de Alocação Me	829	17
	Société Générale				549	14
PTBIY1YE0064	BCP	1300	Tracker Certificates PSI 20	OIndex	548	70
	BCP	1300	Tracker Certificates IBEX	35	525	60
DE000KB195J5			Warrants DAX 3		487	10
PTBIWKYE0023			Tracker Certificates CAC 4		410	41
DE000KE2A0Z0			Knock-Out Warrants DAX 3		362	7
			Knock-Out Warrants DAX 3		328	92
DE000KB7UBK4	Citi	2100	Warrants DAX 3		322	210
			Knock-Out Warrants DAX 3		252	35
			Knock-Out Warrants DAX 3		246	58
				aq 100	235	30
DE000KB7UBJ6			Warrants DAX 3		234	134
DE000KB7UBN8			Warrants DAX 3		200	43
				ag 100	186	26
				aq 100	183	57
			Knock-Out Warrants DAX 3		181	17
DE000KB7UBL2			Warrants DAX 3		180	122
DE000KB195G1			Warrants DAX 3		173	2
			Knock-Out Warrants DAX 3		159	36
DE000KE2AZP2			Knock-Out Warrants DAX 3		146	10
	Société Générale				144	6
DE000KB7UBC1			Warrants DAX 3		137	16
				aq 100	134	18
				aq 100	134	22
DE0003D4KKC0			Knock-Out Warrants DAX 3		125	38
DE000KE2A229 DE000KE2A0F2				ag 100	123	31
DE000KE2A0F2				book Inc	125	31
DE000KE2AVF2 DE000KE2A2C5			Knock-Out Warrants Facer Knock-Out Warrants Amaz		120	47
	Société Générale				113	47 25
DE000SD4KKE8 DE000KE2A0Q9				aq 100 500 Index	112	25 16
(Source Euronext		2200			110	10

## 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.

# 

- 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

commodities@euronext.com

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

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

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

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