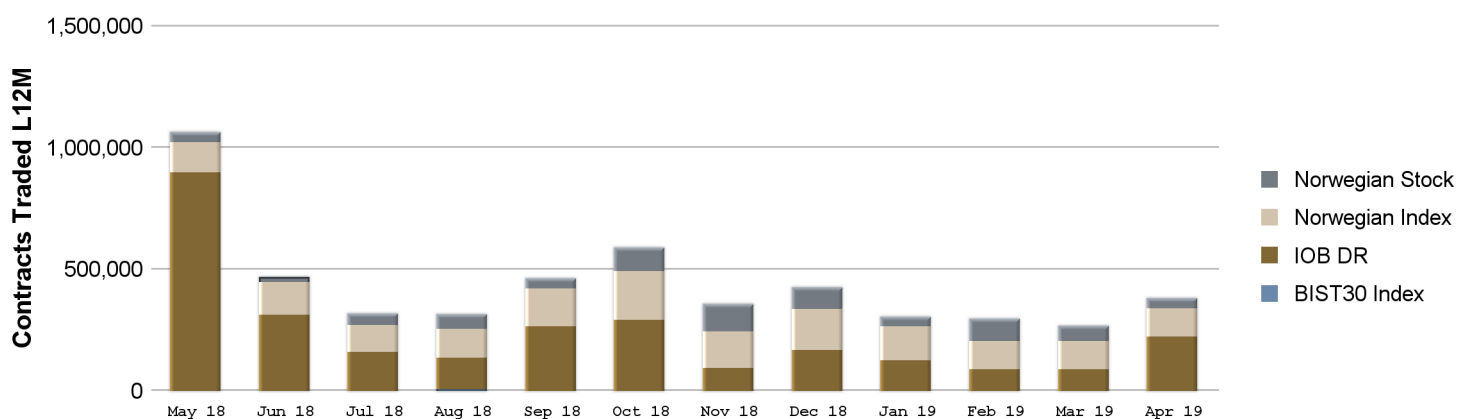


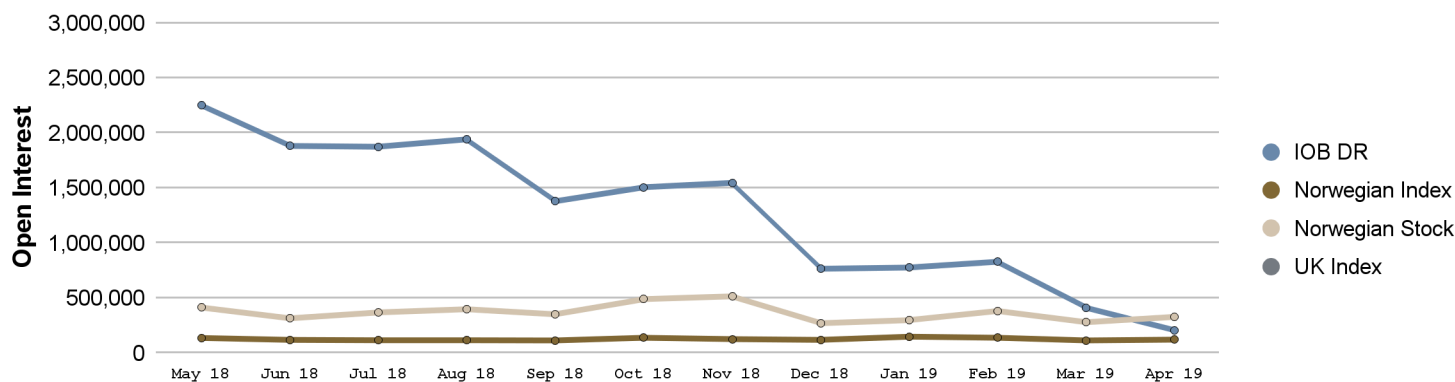
## Activity Summary - By Product Category

Product Category	April 2019		2019 YTD		2018 YTD		Open Interest as at 30 Apr 2019
	Volume	Notional (\$m)	Volume	Notional (\$m)	Volume	Notional (\$m)	
IOB DR Futures	27,177 +132%	\$16.1 +29%	63,347 -80%	\$53.8 -89%	319,191	\$504.3	44,246
Norwegian Index Futures	98,553 -7%	\$942.2 -4%	422,936 -22%	\$3,925.9 -24%	540,034	\$5,187.6	38,534
Norwegian Stock Futures							71,703
<b>Total Futures</b>	<b>125,730</b> +7%	<b>\$958.3</b> -4%	<b>486,283</b> -43%	<b>\$3,979.6</b> -30%	<b>859,225</b>	<b>\$5,691.9</b>	<b>154,483</b>
Norwegian Stock Options	41,186 -34%	\$59.8 -27%	235,744 -4%	\$349.6 -22%	244,484	\$446.7	256,696
IOB DR Options	188,646 +171%	\$166.5 +435%	434,255 -68%	\$423.7 -82%	1,362,083	\$2,294.1	161,261
Norwegian Index Options	18,997 +64%	\$187.9 +73%	69,384 -44%	\$650.1 -44%	123,965	\$1,167.6	82,700
<b>Total Options</b>	<b>248,829</b> +73%	<b>\$414.2</b> +87%	<b>739,383</b> -57%	<b>\$1,423.4</b> -64%	<b>1,730,532</b>	<b>\$3,908.4</b>	<b>500,657</b>
<b>Total Derivatives</b>	<b>374,559</b> +44%	<b>\$1,372.5</b> +13%	<b>1,225,666</b> -53%	<b>\$5,403.0</b> -44%	<b>2,589,757</b>	<b>\$9,600.3</b>	<b>655,140</b>

All statistics include both on & off book trading. The open interest data for Norwegian products includes both LSEDM & Oslo Børs. Percentages reflect changes compared to prior period.

## Volume & Open Interest Evolution: Last 12 Months





## Activity Summary - Top 10 LSEDM Instruments by Notional (\$M)

Issuer Name	April 2019				2019 YTD			
	Volume	% Change (MoM)	Notional (\$m)	% Change (MoM)	Volume	% Changes (YoY)	Notional (\$m)	% Changes (YoY)
<b>SBERBANK</b>	67,205	+453%	\$97,299,810.00	+527%	175,428	-55%	\$246,446,177.50	-64%
<b>GAZPROM</b>	146,651	+710%	\$77,348,950.96	+714%	204,664	-66%	\$107,938,505.96	-63%
<b>YARA INTL</b>	3,472	+72%	\$15,008,436.60	+75%	20,711	-30%	\$89,516,189.41	-33%
<b>NORSK HYDRO</b>	17,060	+5%	\$7,405,288.62	+17%	57,144	+0%	\$22,776,416.10	-43%
<b>SUBSEA</b>	5,250	+804%	\$6,953,195.04	+841%	12,888	+123%	\$16,204,685.92	+70%
<b>PJSC LUKOIL</b>	837	+430%	\$6,911,100.00	+424%	4,382	-97%	\$34,682,200.00	-96%
<b>EQUINOR</b>	2,690	-61%	\$6,253,427.63	-61%	21,627	-29%	\$49,547,075.69	-30%
<b>TELENOR ASA</b>	2,845	+8%	\$5,833,736.39	+9%	6,518	-54%	\$13,217,469.83	-61%
<b>AKERBP</b>	1,557	+185%	\$5,660,057.87	+192%	5,881	+11%	\$19,287,064.82	+29%
<b>MOWI ASA</b>	1,985	-58%	\$4,363,158.55	-61%	11,496	-3%	\$25,824,265.61	+12%

All statistics include both on & off book trading. 'MoM' stands for Month-on-month and 'YoY' stands for Year-on-year

## LSEDM Trading Statistics by Underlying

Underlying Issuer Name	Underlying	Instrument Type	Number of Contracts Traded			Notional Traded (\$)			Open Interest as at 30 Apr 2019
			Apr 19	Mar 19	% Change	Apr 19	Mar 19	% Change	
AKERBP	AKERBP	Futures							335
AKERBP	AKERBP	Options	1,557	547	+185%	\$5,660,058	\$1,937,651	+192%	7,852
AKER SOLUTIONS	AKSO	Futures							1,525
AKER SOLUTIONS	AKSO	Options	125	10,185	-99%	\$63,232	\$4,862,281	-99%	5,620
BAKKAFROST	BAKKA	Options	634	424	+50%	\$2,953,404	\$2,254,722	+31%	3,100
DNB ASA	DNB	Futures							3,460
DNB ASA	DNB	Options	350	8,648	-96%	\$649,926	\$15,682,008	-96%	12,297
DNO INTL	DNO	Futures							3,700
DNO INTL	DNO	Options	1,040	1,195	-13%	\$249,784	\$216,055	+16%	3,725
EQUINOR	EQNR	Futures							2,725
EQUINOR	EQNR	Options	2,690	6,972	-61%	\$6,253,428	\$15,883,976	-61%	25,500
FRONTLINE	FRO	Futures							2,150
FRONTLINE	FRO	Options	1,434	1,190	+20%	\$1,038,642	\$833,739	+25%	4,634
GAZPROM	OGZD	Futures	23,410	3,621	+547%	\$10,791,076	\$1,647,555	+555%	42,946
GAZPROM	OGZD	Options	123,241	14,492	+750%	\$66,557,875	\$7,855,900	+747%	109,022
GJENSIDIGE F	GJF	Futures							20
GJENSIDIGE F	GJF	Options	486	355	+37%	\$902,691	\$655,466	+38%	5,420
JSC VTB BANK	VTBR	Options		46,000			\$5,980,000		25,500
MOWI ASA	MOWI	Futures							1,206
MOWI ASA	MOWI	Options	1,985	4,710	-58%	\$4,363,159	\$11,072,339	-61%	11,099
NORDIC SEMICON	NOD	Futures							10,700
NORDIC SEMICON	NOD	Options	310	5	+6,100%	\$148,684	\$2,284	+6,410%	17,130

## LSEDM Trading Statistics by Underlying

Underlying Issuer Name	Underlying	Instrument Type	Number of Contracts Traded			Notional Traded (\$)			Open Interest as at 30 Apr 2019
			Apr 19	Mar 19	% Change	Apr 19	Mar 19	% Change	
NORILSK NICKEL	MNOD	Futures		700			\$1,498,000		
NORILSK NICKEL	MNOD	Options	16	4,009	-100%	\$36,800	\$8,228,450	-100%	6,796
NORSK HYDRO	NHY	Futures							11,037
NORSK HYDRO	NHY	Options	17,060	16,235	+5%	\$7,405,289	\$6,346,609	+17%	98,719
NORWEGIAN AIR	NAS	Futures							4,765
NORWEGIAN AIR	NAS	Options	1,061	5,181	-80%	\$941,895	\$6,225,598	-85%	7,137
NORWEGIAN FIN	NOFI	Futures							392
NORWEGIAN FIN	NOFI	Options		115			\$106,829		2,175
OA0 NOVATEK	NVTK	Options							300
OBX INDEX	OBX	Futures	98,553	105,584	-7%	\$942,173,480	\$981,688,322	-4%	38,534
OBX INDEX	OBX	Options	18,997	11,558	+64%	\$187,898,401	\$108,577,594	+73%	82,700
ORKLA A	ORK	Futures							150
ORKLA A	ORK	Options	20		+100%	\$16,335		+100%	941
PGS ASA	PGS	Futures							2,400
PGS ASA	PGS	Options	113	697	-84%	\$34,876	\$167,588	-79%	879
PJSC LUKOIL	LKOD	Futures	62		+100%	\$561,100		+100%	550
PJSC LUKOIL	LKOD	Options	775	158	+391%	\$6,350,000	\$1,318,400	+382%	2,035
PJSC TATNEFT	ATAD	Options							40
RENEWABLE ENER	REC	Futures							18,500
RENEWABLE ENER	REC	Options							1,250
ROSNEFT OIL CO	ROSN	Options	1,090		+100%	\$746,000		+100%	6,590
SAMSUNG ELECTR	SMSN	Options	24	100	-76%	\$256,400	\$1,040,000	-75%	84
SBERBANK	SBER	Futures	3,705	7,410	-50%	\$4,749,810	\$9,336,600	-49%	750

## LSEDM Trading Statistics by Underlying

Underlying Issuer Name	Underlying	Instrument Type	Number of Contracts Traded			Notional Traded (\$)			Open Interest as at 30 Apr 2019
			Apr 19	Mar 19	% Change	Apr 19	Mar 19	% Change	
SBERBANK	SBER	Options	63,500	4,747	+1,238%	\$92,550,000	\$6,171,100	+1,400%	10,894
SCHADE Basket	SCHADE	Options							122
SCHIBSTED A	SCHA	Options	210	148	+42%	\$614,174	\$611,635	+0%	340
STOREBRAND	STB	Futures							7,050
STOREBRAND	STB	Options	416	389	+7%	\$346,941	\$311,664	+11%	18,255
SUBSEA	SUBC	Futures							1,208
SUBSEA	SUBC	Options	5,250	581	+804%	\$6,953,195	\$738,576	+841%	14,812
TELENOR ASA	TEL	Futures							76
TELENOR ASA	TEL	Options	2,845	2,630	+8%	\$5,833,736	\$5,358,862	+9%	1,321
TGS NOPEC GEOP	TGS	Futures							114
TGS NOPEC GEOP	TGS	Options	130	85	+53%	\$342,756	\$236,332	+45%	4,495
X5 RETAIL	FIVE	Options		220			\$548,000		
YARA INTL	YAR	Futures							190
YARA INTL	YAR	Options	3,472	2,024	+72%	\$15,008,437	\$8,573,066	+75%	9,873
<b>Grand Total</b>			<b>374,559</b>	<b>260,910</b>	<b>+44%</b>	<b>\$1,372,451,584</b>	<b>\$1,215,967,200</b>	<b>+13%</b>	<b>655,140</b>