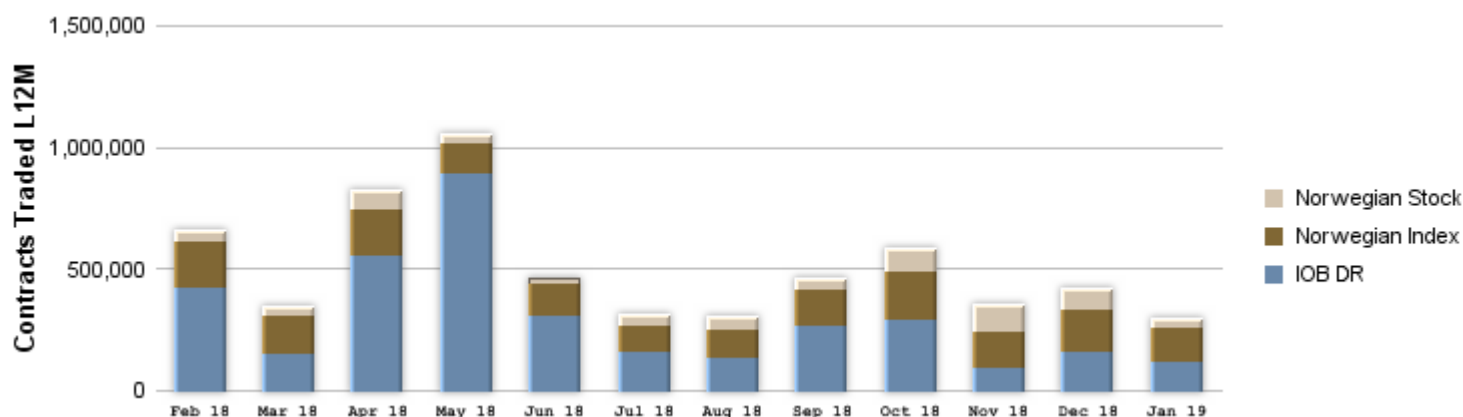


Activity Summary - By Product Category

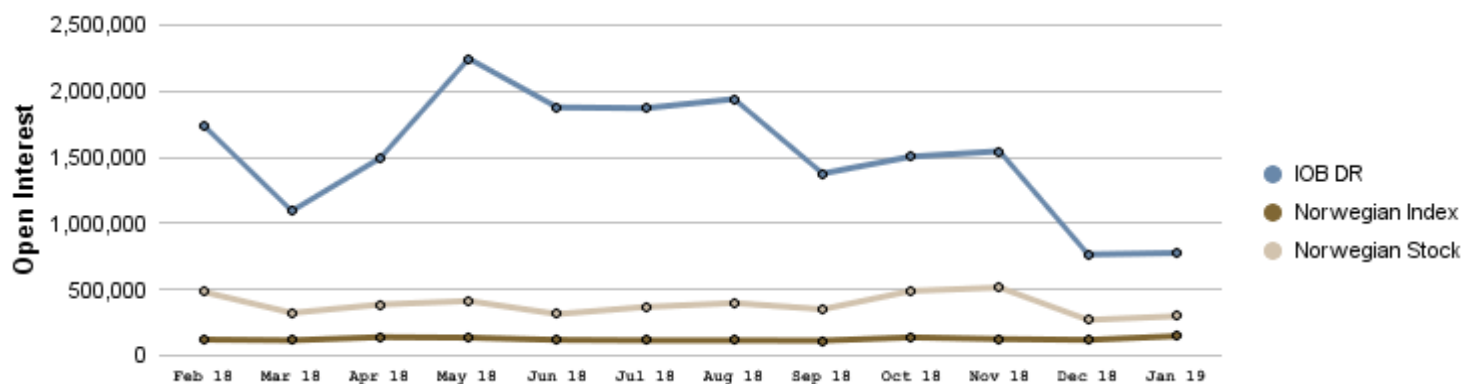
Product Category	January 2019		2019 YTD		2018 YTD		Open Interest as at 31 Jan 2019
	Volume	Notional (\$m)	Volume	Notional (\$m)	Volume	Notional (\$m)	
IOB DR Futures	6,085	\$7.9	6,085	\$7.9	129,306	\$198.1	136,080
	-95%	-96%	-95%	-96%			
Norwegian Index Futures	117,856	\$1,079.2	117,856	\$1,079.2	120,246	\$1,159.2	50,447
	-2%	-7%	-2%	-7%			
Norwegian Stock Futures							70,913
Total Futures	123,941	\$1,087.1	123,941	\$1,087.1	249,552	\$1,357.3	257,440
	-50%	-20%	-50%	-20%			
Norwegian Stock Options	40,356	\$92.3	40,356	\$92.3	71,551	\$143.1	227,579
	-44%	-35%	-44%	-35%			
IOB DR Options	112,510	\$160.8	112,510	\$160.8	420,395	\$784.9	640,920
	-73%	-80%	-73%	-80%			
Norwegian Index Options	22,372	\$202.5	22,372	\$202.5	12,259	\$116.1	97,655
	+82%	+74%	+82%	+74%			
Total Options	175,237	\$455.6	175,237	\$455.6	504,205	\$1,044.0	966,154
	-65%	-56%	-65%	-56%			
Total Derivatives	299,178	\$1,542.7	299,178	\$1,542.7	753,757	\$2,401.3	1,223,594
	-60%	-36%	-60%	-36%			

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



LSEDM Monthly Statistics Report: January 2019



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

Issuer Name	January 2019				2019 YTD			
	Volume	% Change (MoM)	Notional (\$m)	% Change (MoM)	Volume	% Changes (YoY)	Notional (\$m)	% Changes (YoY)
SBERBANK	79,735	-40%	\$111,094,627.50	-55%	79,735	-40%	\$111,094,627.50	-55%
YARA INTL	10,551	-13%	\$46,230,035.62	-19%	10,551	-13%	\$46,230,035.62	-19%
NORILSK NICKEL	19,510	-70%	\$39,170,000.00	-70%	19,510	-70%	\$39,170,000.00	-70%
EQUINOR	5,102	-66%	\$11,683,443.51	-66%	5,102	-66%	\$11,683,443.51	-66%
AKERBP	2,405	+54%	\$7,250,213.60	+65%	2,405	+54%	\$7,250,213.60	+65%
PJSC LUKOIL	825	-99%	\$6,275,200.00	-98%	825	-99%	\$6,275,200.00	-98%
GAZPROM	11,800	-95%	\$5,967,000.00	-96%	11,800	-95%	\$5,967,000.00	-96%
DNB ASA	3,033	+514%	\$5,448,534.16	+476%	3,033	+514%	\$5,448,534.16	+476%
MOWI ASA	1,811	-13%	\$3,899,716.71	+9%	1,811	-13%	\$3,899,716.71	+9%
NORWEGIAN AIR	1,753	-31%	\$3,231,537.43	-53%	1,753	-31%	\$3,231,537.43	-53%

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 31 Jan 2019
			Jan 19	Dec 18	% Change	Jan 19	Dec 18	% Change	
AKERBP	AKERBP	Futures							25
AKERBP	AKERBP	Options	2,405	1,559	+54%	\$7,250,214	\$4,396,874	+65%	7,678
AKER SOLUTIONS	AKSO	Futures							800
AKER SOLUTIONS	AKSO	Options	5,525	708	+681%	\$2,953,290	\$429,603	+587%	14,583
BAKKAFROST	BAKKA	Options	462	160	+189%	\$2,303,028	\$676,955	+240%	1,698
DNB ASA	DNB	Futures							210
DNB ASA	DNB	Options	3,033	494	+514%	\$5,448,534	\$945,394	+476%	13,610
DNO INTL	DNO	Futures							3,950
DNO INTL	DNO	Options	1,083	7,963	-86%	\$205,674	\$1,074,677	-81%	5,860
EQUINOR	EQNR	Futures							2,770
EQUINOR	EQNR	Options	5,102		+100%	\$11,683,444		+100%	22,456
EQUINOR	STL	Options		14,973			\$34,485,140		
FRONTLINE	FRO	Futures							1,700
FRONTLINE	FRO	Options	1,471	453	+225%	\$836,246	\$218,921	+282%	4,451
GAZPROM	OGZD	Futures	100	67,901	-100%	\$47,000	\$34,220,055	-100%	66,566
GAZPROM	OGZD	Options	11,700	194,291	-94%	\$5,920,000	\$100,824,330	-94%	234,160
GJENSIDIGE F	GJF	Futures							786
GJENSIDIGE F	GJF	Options	701	578	+21%	\$1,171,405	\$1,143,552	+2%	4,130
JSC VTB BANK	VTBR	Options		5,000			\$1,175,000		25,500
MOWI ASA	MHG	Options		2,074			\$3,577,071		
MOWI ASA	MOWI	Options	1,811		+100%	\$3,899,717		+100%	8,491
NORDIC SEMICON	NOD	Futures							10,850

LSEDM Trading Statistics by Underlying

Underlying Issuer Name	Underlying	Instrument Type	Number of Contracts Traded			Notional Traded (\$)			Open Interest as at 31 Jan 2019
			Jan 19	Dec 18	% Change	Jan 19	Dec 18	% Change	
NORDIC SEMICON	NOD	Options	625	1,342	-53%	\$224,680	\$767,058	-71%	17,740
NORILSK NICKEL	MNOD	Futures		10,638			\$21,791,291		2,052
NORILSK NICKEL	MNOD	Options	19,510	53,593	-64%	\$39,170,000	\$108,339,750	-64%	28,848
NORSK HYDRO	NHY	Futures							13,920
NORSK HYDRO	NHY	Options	1,417	3,583	-60%	\$670,227	\$2,797,435	-76%	71,054
NORWEGIAN AIR	NAS	Futures							1,605
NORWEGIAN AIR	NAS	Options	1,753	2,539	-31%	\$3,231,537	\$6,841,473	-53%	3,262
NORWEGIAN FIN	NOFI	Futures							462
NORWEGIAN FIN	NOFI	Options	220		+100%	\$201,354		+100%	1,380
OA0 NOVATEK	NVTK	Options		1,400			\$17,445,000		750
OBX INDEX	OBX	Futures	117,856	120,246	-2%	\$1,079,206,461	\$1,159,157,967	-7%	50,447
OBX INDEX	OBX	Options	22,372	12,259	+82%	\$202,476,134	\$116,079,291	+74%	97,655
ORKLA A	ORK	Futures							75
ORKLA A	ORK	Options	637	55	+1,057%	\$530,639	\$59,381	+794%	1,290
PETROLEUM GEO	PGS	Futures							1,670
PETROLEUM GEO	PGS	Options	255	2,356	-89%	\$57,873	\$760,255	-92%	2,697
PJSC LUKOIL	LKOD	Futures		11,375			\$74,532,360		959
PJSC LUKOIL	LKOD	Options	825	52,719	-98%	\$6,275,200	\$341,006,675	-98%	6,931
PJSC MAGNIT	MGNT	Options	1,375	2,122	-35%	\$1,992,800	\$5,935,100	-66%	1,150
PJSC TATNEFT	ATAD	Options							40
RENEWABLE ENER	REC	Futures							18,500
RENEWABLE ENER	REC	Options		200			\$3,839		1,200
ROSNEFT OIL CO	ROSN	Futures		5,600			\$3,497,872		37,624

LSEDM Trading Statistics by Underlying

Underlying Issuer Name	Underlying	Instrument Type	Number of Contracts Traded			Notional Traded (\$)			Open Interest as at 31 Jan 2019
			Jan 19	Dec 18	% Change	Jan 19	Dec 18	% Change	
ROSNEFT OIL CO	ROSN	Options	5,000	6,326	-21%	\$3,000,000	\$3,351,940	-10%	122,845
SAMSUNG ELECTR	SMSN	Options	50		+100%	\$520,000		+100%	50
SBERBANK	SBER	Futures	5,985	33,570	-82%	\$7,872,128	\$63,175,435	-88%	28,879
SBERBANK	SBER	Options	73,750	99,890	-26%	\$103,222,500	\$185,182,400	-44%	220,026
SCHIBSTED A	SCHA	Options	130		+100%	\$500,381		+100%	136
STOREBRAND	STB	Futures							10,950
STOREBRAND	STB	Options	533	12,574	-96%	\$432,806	\$11,730,843	-96%	2,818
SUBSEA	SUBC	Futures							1,639
SUBSEA	SUBC	Options	1,470	4,079	-64%	\$1,581,200	\$7,057,055	-78%	16,174
TELENOR ASA	TEL	Futures							121
TELENOR ASA	TEL	Options	494	3,610	-86%	\$962,928	\$8,469,222	-89%	7,353
TGS NOPEC GEOP	TGS	Options	683	196	+249%	\$1,904,357	\$484,055	+293%	5,145
X5 RETAIL	FIVE	Futures		222			\$899,100		
X5 RETAIL	FIVE	Options	300	5,054	-94%	\$735,000	\$21,613,500	-97%	620
YARA INTL	YAR	Futures							880
YARA INTL	YAR	Options	10,551	12,061	-13%	\$46,230,036	\$57,144,870	-19%	14,373
Grand Total			299,178	753,757	-60%	\$1,542,716,792	\$2,401,290,737	-36%	1,223,594