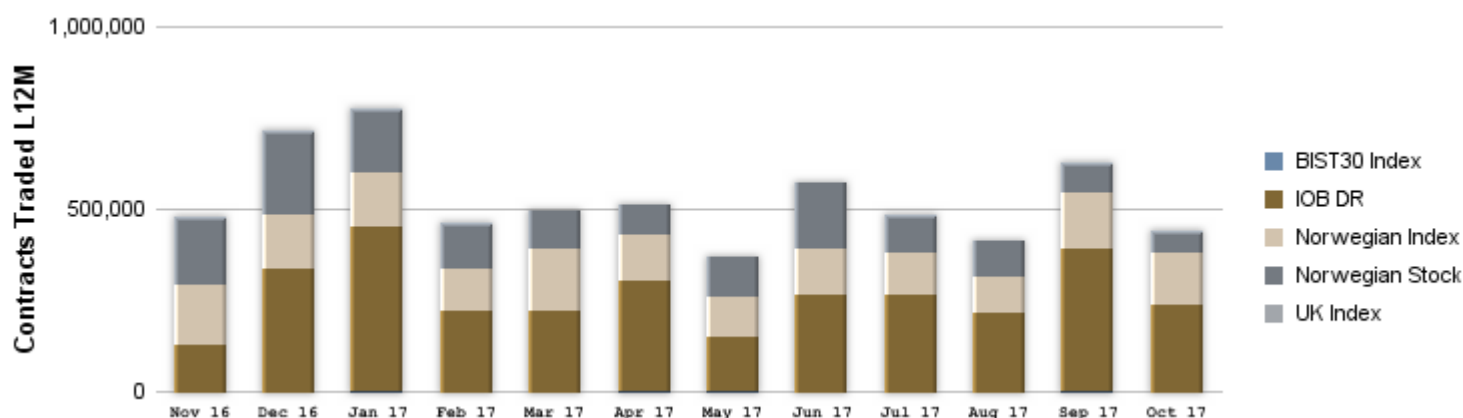


Activity Summary - By Product Category

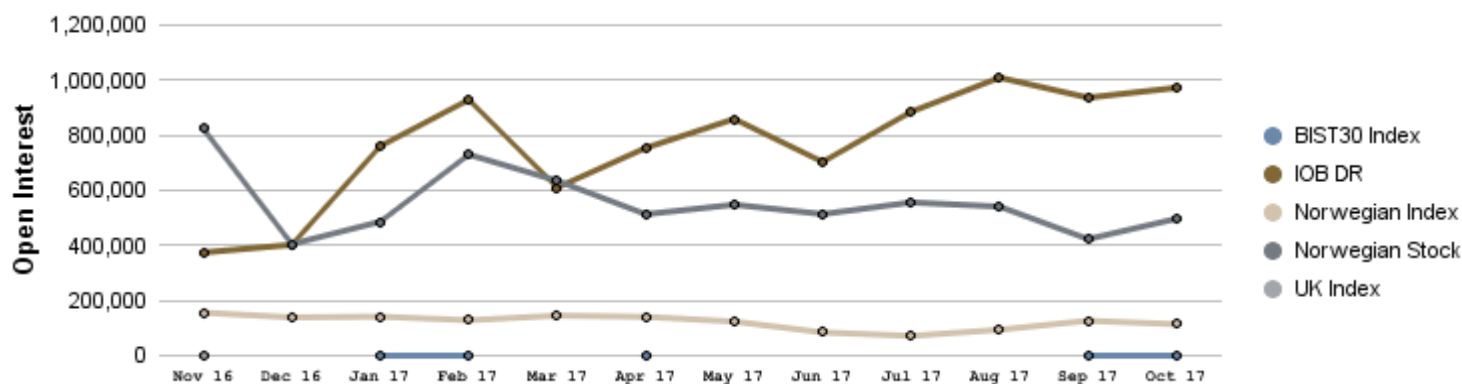
Product Category	October 2017		2017 YTD		2016 YTD		Open Interest as at 31 Oct 2017
	Volume	Notional (\$m)	Volume	Notional (\$m)	Volume	Notional (\$m)	
IOB DR Futures	37,422 -65%	\$38.8 -65%	534,263 +481%	\$590.5 +1,156%	91,880	\$47.0	175,853
Norwegian Index Futures	125,625 +3%	\$1,138.9 +5%	1,099,743 -13%	\$8,685.0 +9%	1,265,145	\$7,942.0	41,720
BIST30 Index Futures			44 +100%	\$0.1 +100%			1
Norwegian Stock Futures			116,010 -57%	\$14.2 -85%	272,130	\$96.2	126,677
UK Index Futures					1,808	\$161.1	
Total Futures	163,047 -29%	\$1,177.7 -1%	1,750,060 +7%	\$9,289.8 +13%	1,630,963	\$8,246.3	344,251
Norwegian Stock Options	60,531 -27%	\$104.9 -17%	1,002,651 -12%	\$1,263.3 -3%	1,143,932	\$1,298.3	370,163
Norwegian Index Options	17,928 -44%	\$161.1 -43%	215,013 -9%	\$1,654.3 +13%	236,862	\$1,464.1	71,829
IOB DR Options	196,713 -30%	\$294.9 -10%	2,171,072 +267%	\$2,542.5 +307%	591,162	\$625.3	796,596
BIST30 Index Options			6 +100%	\$0.0 +100%			
UK Index Options			167 -99%	\$15.5 -98%	11,197	\$990.4	
Total Options	275,171 -30%	\$561.0 -24%	3,388,909 +71%	\$5,475.7 +25%	1,983,153	\$4,378.2	1,238,588
Total Derivatives	438,218 -30%	\$1,738.7 -10%	5,138,969 +42%	\$14,765.5 +17%	3,614,116	\$12,624.5	1,582,839

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: October 2017



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

Issuer Name	October 2017				2017 YTD			
	Volume	% Change (MoM)	Notional (\$m)	% Change (MoM)	Volume	% Changes (YoY)	Notional (\$m)	% Changes (YoY)
NORILSK NICKEL	99,910	+290%	\$174,769,390.00	+309%	318,790	+210%	\$504,814,007.00	+238%
MEGAFON	41,687	+28%	\$44,511,940.06	+27%	74,398	+100%	\$79,567,600.06	+100%
PJSC LUKOIL	8,458	+46%	\$44,366,600.00	+37%	179,782	+452%	\$936,256,828.60	+647%
GAZPROM	64,019	-42%	\$28,583,826.68	-36%	944,351	+209%	\$419,317,727.98	+229%
STATOIL	10,600	+147%	\$20,790,224.66	+156%	148,436	-51%	\$266,876,602.31	-42%
SBERBANK	14,110	-91%	\$19,542,500.00	-91%	648,371	+580%	\$807,778,761.07	+865%
PJSC MAGNIT	5,157	+2,479%	\$17,641,200.00	+2,025%	8,194	+100%	\$28,834,479.66	+100%
YARA INTL	3,712	-52%	\$17,343,457.02	-50%	52,396	+23%	\$211,322,308.30	+35%
MARINE HARVEST	7,613	+503%	\$15,791,245.56	+518%	61,986	-10%	\$109,847,755.57	0%
DNB ASA	6,999	-51%	\$13,576,911.13	-51%	65,770	-26%	\$117,884,268.93	+5%

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 Oct 2017
			Oct 17	Sep 17	% Change	Oct 17	Sep 17	% Change	
AKERBP	AKERBP	Futures							300
AKERBP	AKERBP	Options	6,093	2,004	+204%	\$12,048,467	\$3,848,710	+213%	14,297
AKER SOLUTIONS	AKSO	Futures							375
AKER SOLUTIONS	AKSO	Options	78	78	-1%	\$45,684	\$39,643	+15%	3,965
BAKKAFROST	BAKKA	Futures							100
BAKKAFROST	BAKKA	Options	267	102	+163%	\$1,232,004	\$480,266	+157%	1,740
BIST 30 INDEX	BIST30	Futures		2			\$7,548		1
DNB ASA	DNB	Futures							1,915
DNB ASA	DNB	Options	6,999	14,141	-51%	\$13,576,911	\$27,783,593	-51%	23,182
DNO INTL	DNO	Futures							57,744
DNO INTL	DNO	Options	4,255	212	+1,907%	\$501,490	\$36,904	+1,259%	20,003
FRONTLINE	FRO	Futures							1,455
FRONTLINE	FRO	Options	195	156	+25%	\$122,568	\$99,373	+23%	696
GAZPROM	OGZD	Futures	19,481	40,590	-52%	\$8,346,727	\$16,516,856	-49%	41,352
GAZPROM	OGZD	Options	44,538	69,676	-36%	\$20,237,100	\$28,070,430	-28%	174,910
GJENSIDIGE F	GJF	Futures							946
GJENSIDIGE F	GJF	Options	100	160	-38%	\$186,306	\$279,885	-33%	1,131
JSC VTB BANK	VTBR	Options							12,500
MARINE HARVEST	MHG	Futures							202
MARINE HARVEST	MHG	Options	7,613	1,262	+503%	\$15,791,246	\$2,555,389	+518%	10,542
MEGAFON	MFON	Futures	8,729	1,306	+568%	\$9,693,140	\$1,449,660	+569%	8,353
MEGAFON	MFON	Options	32,958	31,305	+5%	\$34,818,800	\$33,501,000	+4%	50,853

LSEDM Trading Statistics by Underlying

Underlying Issuer Name	Underlying	Instrument Type	Number of Contracts Traded			Notional Traded (\$)			Open Interest as at 31 Oct 2017
			Oct 17	Sep 17	% Change	Oct 17	Sep 17	% Change	
NORDIC SEMICON	NOD	Futures							4,320
NORDIC SEMICON	NOD	Options	202	505	-60%	\$111,235	\$259,028	-57%	7,163
NORILSK NICKEL	MNOD	Futures	6,413	4,588	+40%	\$11,240,690	\$7,497,210	+50%	25,195
NORILSK NICKEL	MNOD	Options	93,497	21,029	+345%	\$163,528,700	\$35,239,550	+364%	167,463
NORSK HYDRO	NHY	Futures							2,025
NORSK HYDRO	NHY	Options	7,785	33,741	-77%	\$5,908,225	\$24,169,023	-76%	145,456
NORWEGIAN AIR	NAS	Futures							1,360
NORWEGIAN AIR	NAS	Options	548	1,015	-46%	\$1,573,811	\$2,816,843	-44%	2,892
OAO NOVATEK	NVTK	Futures		880			\$10,194,538		880
OAO NOVATEK	NVTK	Options	305	2,600	-88%	\$3,445,000	\$32,100,000	-89%	4,277
OBX INDEX	OBX	Futures	125,625	122,415	+3%	\$1,138,890,868	\$1,081,121,328	+5%	41,720
OBX INDEX	OBX	Options	17,928	32,078	-44%	\$161,110,895	\$282,811,514	-43%	71,829
ORKLA A	ORK	Futures							744
ORKLA A	ORK	Options	233	515	-55%	\$236,014	\$517,350	-54%	2,043
PAO SEVERSTAL	SVST	Options	150		+100%	\$225,000		+100%	300
PETROLEUM GEO	PGS	Futures							25,830
PETROLEUM GEO	PGS	Options	497	6,430	-92%	\$102,154	\$1,361,101	-92%	7,258
PJSC LUKOIL	LKOD	Futures	1,449	378	+283%	\$7,614,500	\$1,993,950	+282%	22,639
PJSC LUKOIL	LKOD	Options	7,009	5,414	+29%	\$36,752,100	\$30,492,300	+21%	91,111
PJSC MAGNIT	MGNT	Futures							2,737
PJSC MAGNIT	MGNT	Options	5,157	200	+2,479%	\$17,641,200	\$830,000	+2,025%	2,174
RENEWABLE ENER	REC	Futures							18,500
RENEWABLE ENER	REC	Options		70			\$733		2,185

LSEDM Trading Statistics by Underlying

Underlying Issuer Name	Underlying	Instrument Type	Number of Contracts Traded			Notional Traded (\$)			Open Interest as at 31 Oct 2017
			Oct 17	Sep 17	% Change	Oct 17	Sep 17	% Change	
ROSNEFT OIL CO	ROSN	Futures		12,744			\$6,891,888		15,298
ROSNEFT OIL CO	ROSN	Options	200	46,100	-100%	\$115,000	\$25,581,250	-100%	66,356
SBERBANK	SBER	Futures	1,350	47,814	-97%	\$1,930,500	\$66,274,901	-97%	59,399
SBERBANK	SBER	Options	12,760	104,204	-88%	\$17,612,000	\$143,540,850	-88%	209,041
STATOIL	STL	Futures							1,330
STATOIL	STL	Options	10,600	4,289	+147%	\$20,790,225	\$8,113,179	+156%	46,955
STOREBRAND	STB	Futures							7,965
STOREBRAND	STB	Options	6,064	1,149	+428%	\$5,288,816	\$917,475	+476%	40,172
SUBSEA	SUBC	Options	2,200	1,517	+45%	\$3,565,506	\$2,416,918	+48%	3,967
SURGUTNEFTEGAZ	SGGD	Options							17,492
TELENOR ASA	TEL	Futures							1,225
TELENOR ASA	TEL	Options	3,030	1,190	+155%	\$6,341,903	\$2,465,850	+157%	15,761
TGS NOPEC GEOP	TGS	Futures							181
TGS NOPEC GEOP	TGS	Options	65	6,349	-99%	\$150,564	\$13,067,670	-99%	7,659
X5 RETAIL	FIVE	Options	139		+100%	\$562,000		+100%	119
YARA INTL	YAR	Futures							160
YARA INTL	YAR	Options	3,712	7,696	-52%	\$17,343,457	\$34,858,457	-50%	13,096
Grand Total			438,218	625,898	-30%	\$1,738,680,804	\$1,930,202,161	-10%	1,582,839