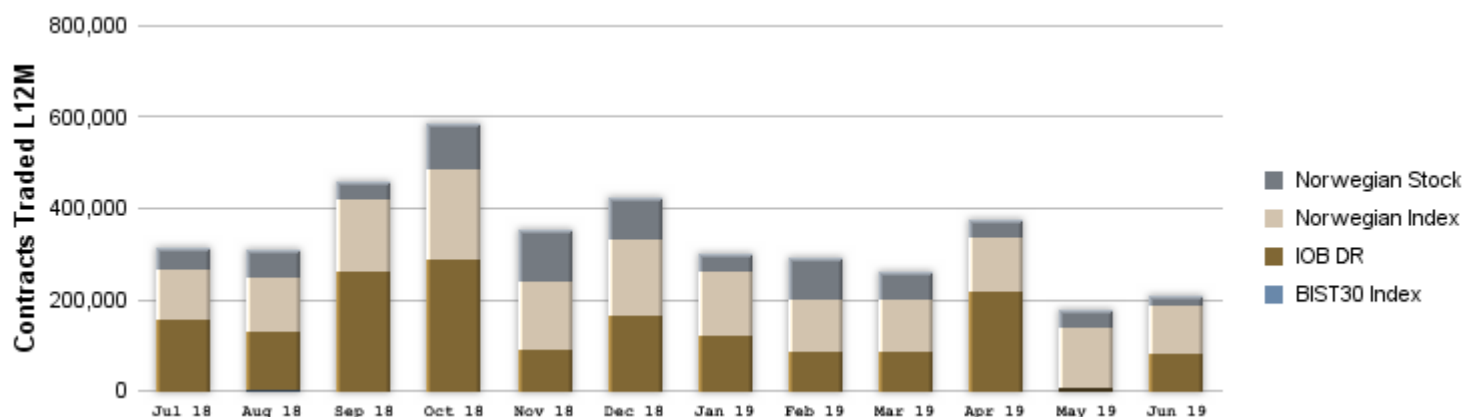


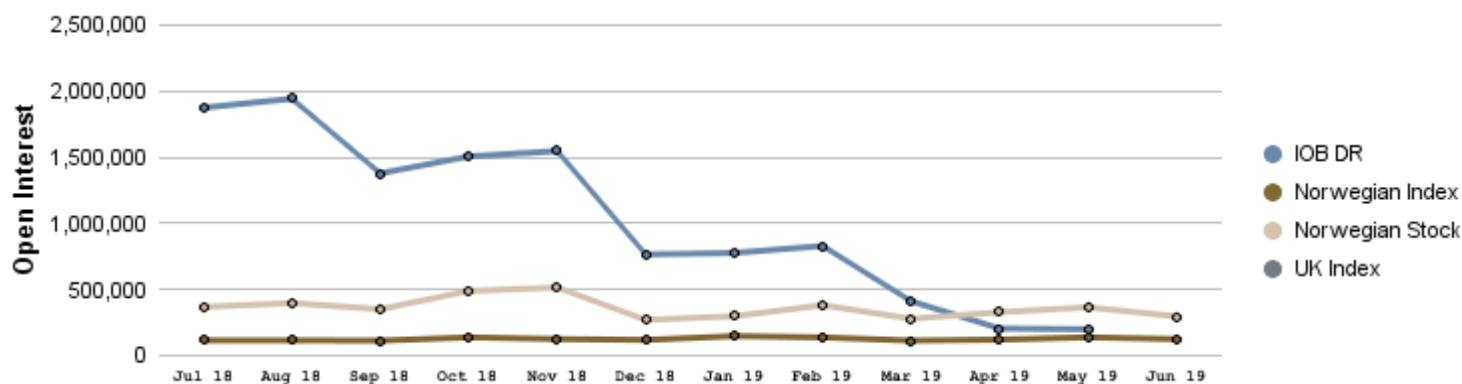
Activity Summary - By Product Category

Product Category	June 2019		2019 YTD		2018 YTD		Open Interest as at 28 Jun 2019
	Volume	Notional (\$m)	Volume	Notional (\$m)	Volume	Notional (\$m)	
IOB DR Futures	30,328 +100%	\$20.6 +100%	93,675 -83%	\$74.4 -90%	556,082	\$752.6	
Norwegian Index Futures	101,329 -17%	\$932.5 -16%	646,185 -17%	\$5,974.9 -22%	777,132	\$7,677.7	44,997
Norwegian Stock Futures							88,583
Total Futures	131,657 +8%	\$953.1 -15%	739,860 -45%	\$6,049.3 -28%	1,333,213.5	\$8,430.3	133,580
Norwegian Index Options	1,950 -78%	\$18.0 -78%	80,183 -45%	\$750.4 -46%	145,946	\$1,392.7	80,073
IOB DR Options	50,542 +691%	\$30.4 +687%	491,185 -79%	\$458.0 -86%	2,323,698	\$3,366.4	
Norwegian Stock Options	22,190 -40%	\$50.5 -24%	294,846 -5%	\$466.7 -21%	308,969	\$591.7	208,559
Total Options	74,682 +43%	\$99.0 -35%	866,213 -69%	\$1,675.1 -69%	2,778,613	\$5,350.8	288,632
Total Derivatives	206,339 +19%	\$1,052.0 -17%	1,606,073 -61%	\$7,724.4 -44%	4,111,827	\$13,781.1	422,212

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	June 2019				2019 YTD			
	Volume	% Change (MoM)	Notional (\$m)	% Change (MoM)	Volume	% Changes (YoY)	Notional (\$m)	% Changes (YoY)
GAZPROM	79,020	+1,195%	\$48,150,316.08	+1,313%	289,784	-69%	\$159,497,572.04	-64%
YARA INTL	4,452	-18%	\$20,814,609.30	-13%	30,605	-20%	\$134,235,732.67	-23%
AKERBP	2,254	+258%	\$5,945,759.80	+201%	8,764	+17%	\$27,209,517.86	+18%
MOWI ASA	2,351	-35%	\$5,384,984.07	-36%	17,443	+6%	\$39,657,922.61	+20%
DNB ASA	2,773	+34%	\$4,806,441.95	+34%	25,253	+80%	\$45,594,652.04	+64%
SUBSEA	2,360	-47%	\$2,998,055.23	-47%	19,695	+180%	\$24,816,349.43	+114%
EQUINOR	1,448	-48%	\$2,833,043.51	-52%	25,874	-42%	\$58,328,620.58	-46%
TELENOR ASA	1,042	+1%	\$2,310,275.96	+9%	8,595	-47%	\$17,656,380.03	-53%
SBERBANK	1,500	+100%	\$2,075,000.00	+100%	176,928	-75%	\$248,521,177.50	-79%
TGS NOPEC GEOP	702	-45%	\$1,911,150.11	-45%	3,445	-33%	\$9,515,182.82	-39%

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 28 Jun 2019
			Jun 19	May 19	% Change	Jun 19	May 19	% Change	
AKERBP	AKERBP	Futures							680
AKERBP	AKERBP	Options	2,254	629	+258%	\$5,945,760	\$1,976,693	+201%	5,270
AKER SOLUTIONS	AKSO	Futures							1,725
AKER SOLUTIONS	AKSO	Options	50	5,425	-99%	\$18,589	\$2,821,802	-99%	22,410
BAKKAFROST	BAKKA	Options	181	537	-66%	\$980,961	\$2,687,157	-63%	1,172
DNB ASA	DNB	Futures							2,490
DNB ASA	DNB	Options	2,773	2,063	+34%	\$4,806,442	\$3,576,583	+34%	8,492
DNO INTL	DNO	Futures							4,900
DNO INTL	DNO	Options	100	550	-82%	\$19,191	\$111,720	-83%	800
EQUINOR	EQNR	Futures							4,870
EQUINOR	EQNR	Options	1,448	2,800	-48%	\$2,833,044	\$5,948,501	-52%	20,098
FRONTLINE	FRO	Futures							600
FRONTLINE	FRO	Options	600	2,995	-80%	\$474,633	\$2,530,982	-81%	950
GAZPROM	OGZD	Futures	30,328		+100%	\$20,588,466		+100%	
GAZPROM	OGZD	Options	48,692	6,100	+698%	\$27,561,850	\$3,408,750	+709%	
GJENSIDIGE F	GJF	Options	25	345	-93%	\$49,967	\$668,299	-93%	570
MOWI ASA	MOWI	Options	2,351	3,597	-35%	\$5,384,984	\$8,448,673	-36%	9,775
NORDIC SEMICON	NOD	Futures							23,100
NORDIC SEMICON	NOD	Options		438			\$197,724		15,550
NORILSK NICKEL	MNOD	Options	340		+100%	\$708,000		+100%	
NORSK HYDRO	NHY	Futures							16,737
NORSK HYDRO	NHY	Options	403	2,985	-87%	\$147,954	\$1,170,014	-87%	53,625

LSEDM Trading Statistics by Underlying

Underlying Issuer Name	Underlying	Instrument Type	Number of Contracts Traded			Notional Traded (\$)			Open Interest as at 28 Jun 2019
			Jun 19	May 19	% Change	Jun 19	May 19	% Change	
NORWEGIAN AIR	NAS	Futures							4,741
NORWEGIAN AIR	NAS	Options	395	300	+32%	\$505,354	\$253,362	+99%	2,173
NORWEGIAN FIN	NOFI	Futures							252
NORWEGIAN FIN	NOFI	Options	25	125	-80%	\$18,985	\$105,243	-82%	5,405
OBX INDEX	OBX	Futures	101,329	121,920	-17%	\$932,503,876	\$1,116,573,599	-16%	44,997
OBX INDEX	OBX	Options	1,950	8,849	-78%	\$17,984,976	\$82,352,714	-78%	80,073
ORKLA A	ORK	Options	845	430	+96%	\$749,416	\$357,566	+110%	1,635
PGS ASA	PGS	Futures							1,450
PGS ASA	PGS	Options	1,942	815	+138%	\$335,798	\$161,385	+108%	9,756
PJSC LUKOIL	LKOD	Options	10	38	-74%	\$80,000	\$292,600	-73%	
RENEWABLE ENER	REC	Futures							18,500
RENEWABLE ENER	REC	Options		225			\$1,742		450
ROSNEFT OIL CO	ROSN	Options		250			\$162,500		
SBERBANK	SBER	Options	1,500		+100%	\$2,075,000		+100%	
SCHIBSTED A	SCHA	Options	20	45	-56%	\$58,687	\$114,255	-49%	
STOREBRAND	STB	Futures							7,900
STOREBRAND	STB	Options	225	410	-45%	\$179,471	\$320,546	-44%	12,985
SUBSEA	SUBC	Futures							513
SUBSEA	SUBC	Options	2,360	4,447	-47%	\$2,998,055	\$5,613,608	-47%	17,849
TELENOR ASA	TEL	Options	1,042	1,035	+1%	\$2,310,276	\$2,128,634	+9%	2,918
TGS NOPEC GEOP	TGS	Futures							25
TGS NOPEC GEOP	TGS	Options	702	1,276	-45%	\$1,911,150	\$3,488,457	-45%	4,939
YARA INTL	YAR	Futures							100

LSEDM Trading Statistics by Underlying

Underlying Issuer Name	Underlying	Instrument Type	Number of Contracts Traded			Notional Traded (\$)			Open Interest as at 28 Jun 2019
			Jun 19	May 19	% Change	Jun 19	May 19	% Change	
YARA INTL	YAR	Options	4,452	5,442	-18%	\$20,814,609	\$23,904,934	-13%	11,737
Grand Total			206,339	174,068	+19%	\$1,052,045,494	\$1,269,378,045	-17%	422,212