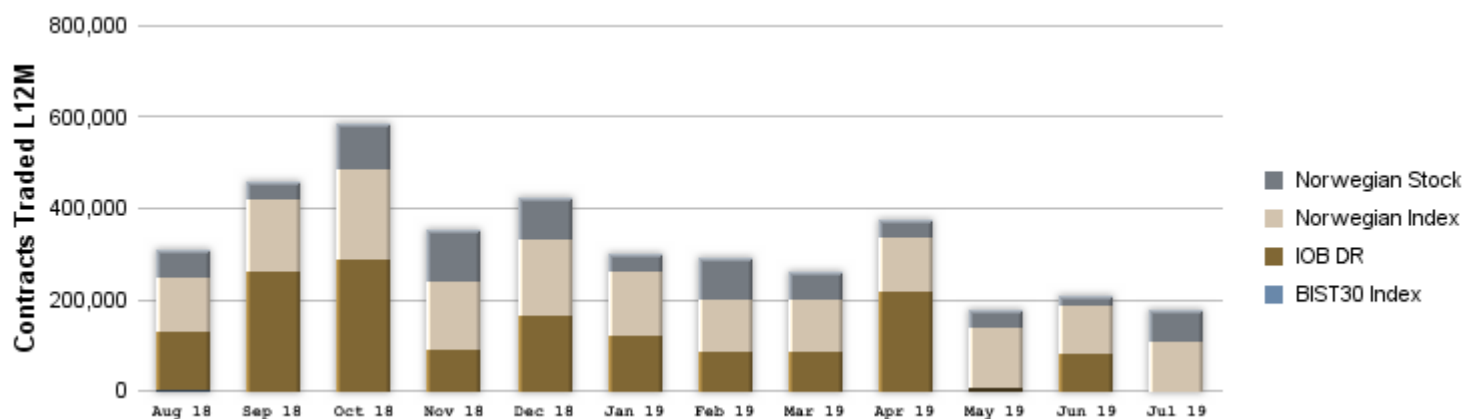


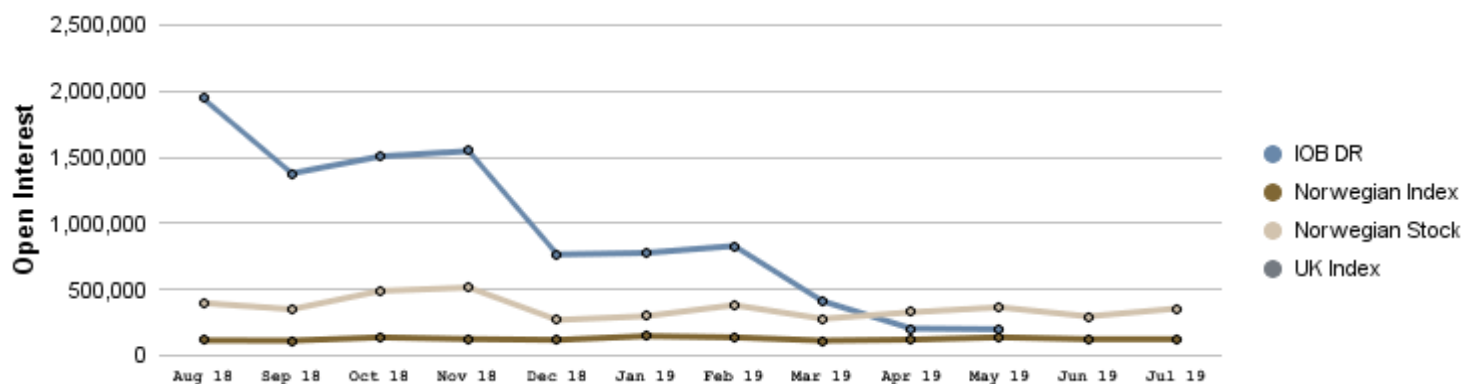
Activity Summary - By Product Category

Product Category	July 2019		2019 YTD		2018 YTD		Open Interest as at 31 Jul 2019
	Volume	Notional (\$m)	Volume	Notional (\$m)	Volume	Notional (\$m)	
Norwegian Index Futures	101,482 +0%	\$954.7 +2%	747,667 -15%	\$6,929.6 -21%	878,796	\$8,736.7	41,788
IOB DR Futures			93,675 -84%	\$74.4 -90%	578,154	\$780.3	
Norwegian Stock Futures							91,681
Total Futures	101,482 -23%	\$954.7 +0%	841,342 -42%	\$7,004.0 -26%	1,456,950	\$9,516.9	133,469
Norwegian Index Options	2,075 +6%	\$19.4 +8%	82,258 -47%	\$769.8 -49%	155,957	\$1,498.7	82,739
Norwegian Stock Options	71,040 +220%	\$97.2 +92%	365,886 +2%	\$564.0 -20%	357,079	\$702.9	264,699
IOB DR Options			491,185 -80%	\$458.0 -87%	2,454,207	\$3,568.2	
Total Options	73,115 -2%	\$116.7 +18%	939,328 -68%	\$1,791.8 -69%	2,967,242	\$5,769.8	347,438
Total Derivatives	174,597 -15%	\$1,071.3 +2%	1,780,670 -60%	\$8,795.7 -42%	4,424,192	\$15,286.8	480,907

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	July 2019				2019 YTD			
	Volume	% Change (MoM)	Notional (\$m)	% Change (MoM)	Volume	% Changes (YoY)	Notional (\$m)	% Changes (YoY)
YARA INTL	6,832	+53%	\$32,031,708.95	+54%	37,437	-20%	\$166,267,441.61	-22%
MOWI ASA	6,445	+174%	\$15,507,075.80	+188%	23,888	+27%	\$55,164,998.41	+43%
NORSK HYDRO	38,144	+9,377%	\$14,739,742.27	+9,862%	98,675	+23%	\$38,834,127.12	-29%
AKERBP	3,639	+61%	\$10,910,785.00	+84%	12,403	+37%	\$38,120,302.85	+31%
TELENOR ASA	3,160	+203%	\$6,331,323.13	+174%	11,755	-38%	\$23,987,703.15	-45%
DNB ASA	2,670	-4%	\$4,718,643.39	-2%	27,923	+57%	\$50,313,295.42	+42%
BAKKAFROST	765	+323%	\$4,550,080.31	+364%	3,892	+78%	\$20,041,511.49	+78%
ORKLA A	3,510	+316%	\$3,245,782.11	+333%	5,899	+256%	\$5,269,973.69	+214%
EQUINOR	1,138	-21%	\$2,155,246.55	-24%	27,012	-51%	\$60,483,867.13	-56%
TGS NOPEC GEOP	325	-54%	\$902,661.12	-53%	3,770	-33%	\$10,417,843.94	-40%

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 Jul 2019
			Jul 19	Jun 19	% Change	Jul 19	Jun 19	% Change	
AKERBP	AKERBP	Futures							740
AKERBP	AKERBP	Options	3,639	2,254	+61%	\$10,910,785	\$5,945,760	+84%	6,404
AKER SOLUTIONS	AKSO	Futures							1,825
AKER SOLUTIONS	AKSO	Options	350	50	+600%	\$144,623	\$18,589	+678%	22,160
BAKKAFROST	BAKKA	Options	765	181	+323%	\$4,550,080	\$980,961	+364%	1,952
DNB ASA	DNB	Futures							1,390
DNB ASA	DNB	Options	2,670	2,773	-4%	\$4,718,643	\$4,806,442	-2%	2,652
DNO INTL	DNO	Futures							5,900
DNO INTL	DNO	Options		100			\$19,191		800
EQUINOR	EQNR	Futures							6,560
EQUINOR	EQNR	Options	1,138	1,448	-21%	\$2,155,247	\$2,833,044	-24%	21,446
FRONTLINE	FRO	Futures							600
FRONTLINE	FRO	Options	650	600	+8%	\$569,806	\$474,633	+20%	1,700
GAZPROM	OGZD	Futures		30,328			\$20,588,466		
GAZPROM	OGZD	Options		48,692			\$27,561,850		
GJENSIDIGE F	GJF	Options	125	25	+400%	\$257,368	\$49,967	+415%	520
MOWI ASA	MOWI	Options	6,445	2,351	+174%	\$15,507,076	\$5,384,984	+188%	17,773
NORDIC SEMICON	NOD	Futures							22,800
NORDIC SEMICON	NOD	Options	150		+100%	\$71,526		+100%	12,500
NORILSK NICKEL	MNOD	Options		340			\$708,000		
NORSK HYDRO	NHY	Futures							17,287
NORSK HYDRO	NHY	Options	38,144	403	+9,377%	\$14,739,742	\$147,954	+9,862%	100,742

LSEDM Trading Statistics by Underlying

Underlying Issuer Name	Underlying	Instrument Type	Number of Contracts Traded			Notional Traded (\$)			Open Interest as at 31 Jul 2019
			Jul 19	Jun 19	% Change	Jul 19	Jun 19	% Change	
NORWEGIAN AIR	NAS	Futures							4,999
NORWEGIAN AIR	NAS	Options	446	395	+13%	\$279,965	\$505,354	-45%	2,633
NORWEGIAN FIN	NOFI	Futures							252
NORWEGIAN FIN	NOFI	Options	25	25	+0%	\$18,718	\$18,985	-1%	4,805
OBX INDEX	OBX	Futures	101,482	101,329	+0%	\$954,678,818	\$932,503,876	+2%	41,788
OBX INDEX	OBX	Options	2,075	1,950	+6%	\$19,427,490	\$17,984,976	+8%	82,739
ORKLA A	ORK	Options	3,510	845	+316%	\$3,245,782	\$749,416	+333%	9,419
PGS ASA	PGS	Futures							1,600
PGS ASA	PGS	Options	389	1,942	-80%	\$54,755	\$335,798	-84%	9,489
PJSC LUKOIL	LKOD	Options		10			\$80,000		
RENEWABLE ENER	REC	Futures							18,500
RENEWABLE ENER	REC	Options	1,559		+100%	\$25,770		+100%	3,218
SBERBANK	SBER	Options		1,500			\$2,075,000		
SCHIBSTED A	SCHA	Options	35	20	+75%	\$98,261	\$58,687	+67%	70
STOREBRAND	STB	Futures							8,100
STOREBRAND	STB	Options	360	225	+60%	\$264,154	\$179,471	+47%	13,305
SUBSEA	SUBC	Futures							913
SUBSEA	SUBC	Options	325	2,360	-86%	\$351,335	\$2,998,055	-88%	15,069
TELENOR ASA	TEL	Options	3,160	1,042	+203%	\$6,331,323	\$2,310,276	+174%	6,048
TGS NOPEC GEOP	TGS	Futures							100
TGS NOPEC GEOP	TGS	Options	325	702	-54%	\$902,661	\$1,911,150	-53%	5,378
YARA INTL	YAR	Futures							115
YARA INTL	YAR	Options	6,832	4,452	+53%	\$32,031,709	\$20,814,609	+54%	6,616

LSEDM Trading Statistics by Underlying

Underlying Issuer Name	Underlying	Instrument Type	Number of Contracts Traded			Notional Traded (\$)			Open Interest as at 31 Jul 2019
			Jul 19	Jun 19	% Change	Jul 19	Jun 19	% Change	
Grand Total			174,597	206,339	-15%	\$1,071,335,637	\$1,052,045,494	+2%	480,907