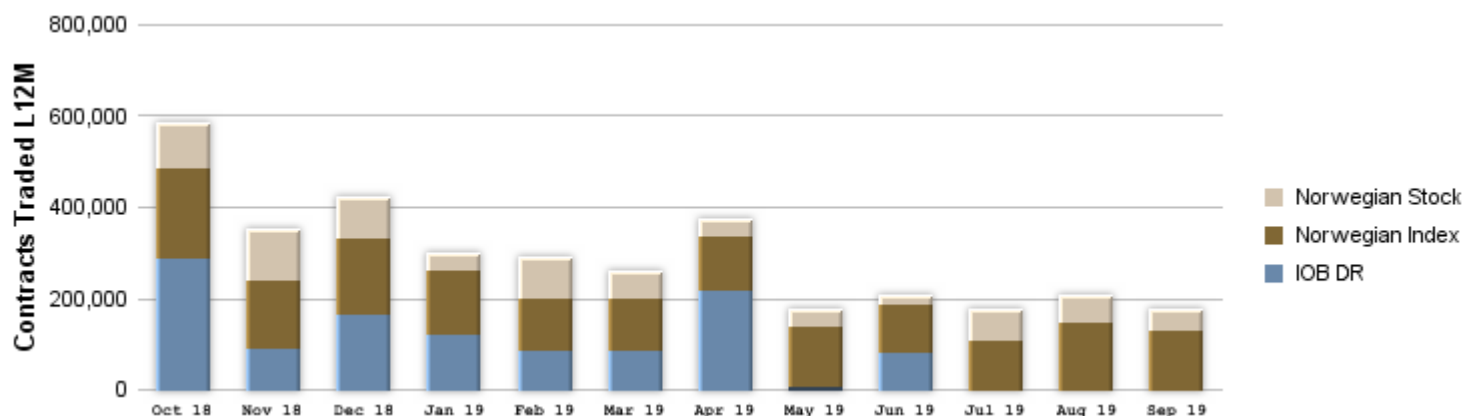


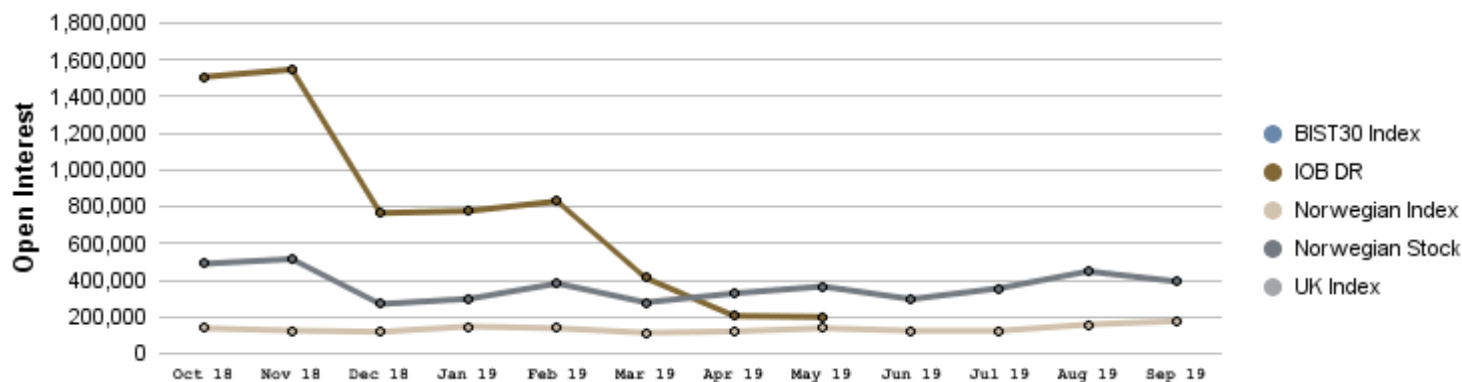
Activity Summary - By Product Category

Product Category	September 2019		2019 YTD		2018 YTD		Open Interest as at 30 Sep 2019
	Volume	Notional (\$m)	Volume	Notional (\$m)	Volume	Notional (\$m)	
Norwegian Index Futures	114,351 -5%	\$1,043.3 +0%	982,910 -12%	\$9,013.1 -20%	1,115,853	\$11,302.8	44,082
BIST30 Index Futures					40	\$0.1	
IOB DR Futures			93,675 -85%	\$74.4 -91%	641,850	\$870.8	
Norwegian Stock Futures							85,247
Total Futures	114,351 -5%	\$1,043.3 +0%	1,076,585 -39%	\$9,087.4 -25%	1,757,743	\$12,173.6	129,329
Norwegian Stock Options	50,410 -19%	\$74.6 -27%	478,641 +4%	\$740.2 -19%	460,020	\$908.5	307,855
Norwegian Index Options	11,263 -55%	\$100.0 -54%	118,571 -39%	\$1,086.9 -43%	193,106	\$1,891.9	133,300
IOB DR Options			491,185 -82%	\$458.0 -89%	2,780,230	\$4,072.4	
Total Options	61,673 -29%	\$174.6 -45%	1,088,396 -68%	\$2,285.1 -67%	3,433,356	\$6,872.9	441,155
Total Derivatives	176,024 -15%	\$1,217.9 -10%	2,164,981 -58%	\$11,372.6 -40%	5,191,099	\$19,046.6	570,484

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	September 2019				2019 YTD			
	Volume	% Change (MoM)	Notional (\$m)	% Change (MoM)	Volume	% Changes (YoY)	Notional (\$m)	% Changes (YoY)
EQUINOR	13,472	+190%	\$24,850,439.12	+238%	45,127	-33%	\$92,696,072.99	-46%
YARA INTL	3,292	-69%	\$14,384,845.17	-69%	51,360	-17%	\$227,501,356.65	-21%
MOWI ASA	3,231	-47%	\$7,539,937.65	-47%	33,256	+28%	\$77,060,617.38	+39%
DNB ASA	3,523	+781%	\$6,108,818.56	+829%	31,846	+61%	\$57,079,672.16	+44%
AKERBP	1,825	+162%	\$5,386,943.64	+215%	14,923	+40%	\$45,219,766.97	+30%
NORSK HYDRO	12,830	+13%	\$4,678,153.21	+25%	122,855	+16%	\$47,259,504.89	-33%
SUBSEA	4,047	-2%	\$4,649,564.86	+10%	28,181	+123%	\$34,048,171.06	+71%
FRONTLINE	3,175	-26%	\$2,686,415.55	-24%	17,474	+225%	\$13,448,847.69	+380%
BAKKAFROST	269	-49%	\$1,519,079.70	-52%	4,691	+21%	\$24,704,267.43	+14%
TGS NOPEC GEOP	350	-81%	\$863,409.11	-81%	6,008	-17%	\$15,726,872.13	-33%

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 Sep 2019
			Sep 19	Aug 19	% Change	Sep 19	Aug 19	% Change	
AKERBP	AKERBP	Futures							385
AKERBP	AKERBP	Options	1,825	696	+162%	\$5,386,944	\$1,712,520	+215%	4,345
AKER SOLUTIONS	AKSO	Futures							1,525
AKER SOLUTIONS	AKSO	Options	385	635	-39%	\$130,894	\$208,402	-37%	8,700
BAKKAFROST	BAKKA	Options	269	530	-49%	\$1,519,080	\$3,143,676	-52%	
DNB ASA	DNB	Futures							480
DNB ASA	DNB	Options	3,523	400	+781%	\$6,108,819	\$657,558	+829%	6,442
DNO INTL	DNO	Futures							10,650
DNO INTL	DNO	Options	2,033	5,150	-61%	\$291,882	\$670,732	-56%	10,000
EQUINOR	EQNR	Futures							2,860
EQUINOR	EQNR	Options	13,472	4,644	+190%	\$24,850,439	\$7,361,767	+238%	27,613
FRONTLINE	FRO	Futures							350
FRONTLINE	FRO	Options	3,175	4,315	-26%	\$2,686,416	\$3,557,600	-24%	3,090
GJENSIDIGE F	GJF	Options		200			\$371,748		760
MOWI ASA	MOWI	Futures							25
MOWI ASA	MOWI	Options	3,231	6,138	-47%	\$7,539,938	\$14,355,681	-47%	15,178
NORDIC SEMICON	NOD	Futures							23,000
NORDIC SEMICON	NOD	Options	25	250	-90%	\$13,590	\$108,827	-88%	3,150
NORSK HYDRO	NHY	Futures							13,937
NORSK HYDRO	NHY	Options	12,830	11,350	+13%	\$4,678,153	\$3,747,225	+25%	132,516
NORWEGIAN AIR	NAS	Futures							3,900
NORWEGIAN AIR	NAS	Options	323	220	+47%	\$139,367	\$153,356	-9%	1,767

LSEDM Trading Statistics by Underlying

Underlying Issuer Name	Underlying	Instrument Type	Number of Contracts Traded			Notional Traded (\$)			Open Interest as at 30 Sep 2019
			Sep 19	Aug 19	% Change	Sep 19	Aug 19	% Change	
NORWEGIAN FIN	NOFI	Futures							152
NORWEGIAN FIN	NOFI	Options	170	13	+1,260%	\$141,476	\$10,036	+1,310%	5,940
OBX INDEX	OBX	Futures	114,351	120,893	-5%	\$1,043,276,443	\$1,040,162,703	+0%	44,082
OBX INDEX	OBX	Options	11,263	25,050	-55%	\$100,038,188	\$217,073,046	-54%	133,300
ORKLA A	ORK	Options	123	1,235	-90%	\$109,852	\$1,060,244	-90%	7,820
PGS ASA	PGS	Futures							800
PGS ASA	PGS	Options	200	300	-33%	\$26,737	\$36,407	-27%	11,500
RENEWABLE ENER	REC	Futures							18,500
RENEWABLE ENER	REC	Options	50		+100%	\$2,616		+100%	560
SCHIBSTED A	SCHA	Options		80			\$237,862		
STOREBRAND	STB	Futures							7,850
STOREBRAND	STB	Options	788	7,978	-90%	\$440,051	\$5,503,827	-92%	29,470
SUBSEA	SUBC	Futures							513
SUBSEA	SUBC	Options	4,047	4,114	-2%	\$4,649,565	\$4,230,921	+10%	6,270
TELENOR ASA	TEL	Options	303	1,579	-81%	\$625,917	\$3,245,637	-81%	5,038
TGS NOPEC GEOP	TGS	Options	350	1,889	-81%	\$863,409	\$4,445,619	-81%	8,204
YARA INTL	YAR	Futures							320
YARA INTL	YAR	Options	3,292	10,632	-69%	\$14,384,845	\$46,849,070	-69%	19,492
Grand Total			176,024	208,288	-15%	\$1,217,904,619	\$1,358,904,463	-10%	570,484