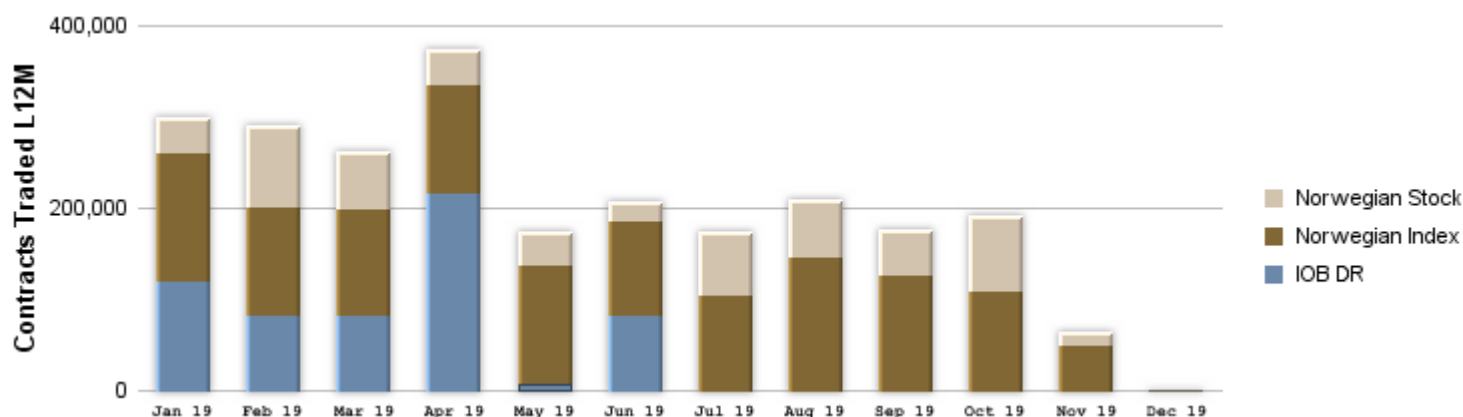


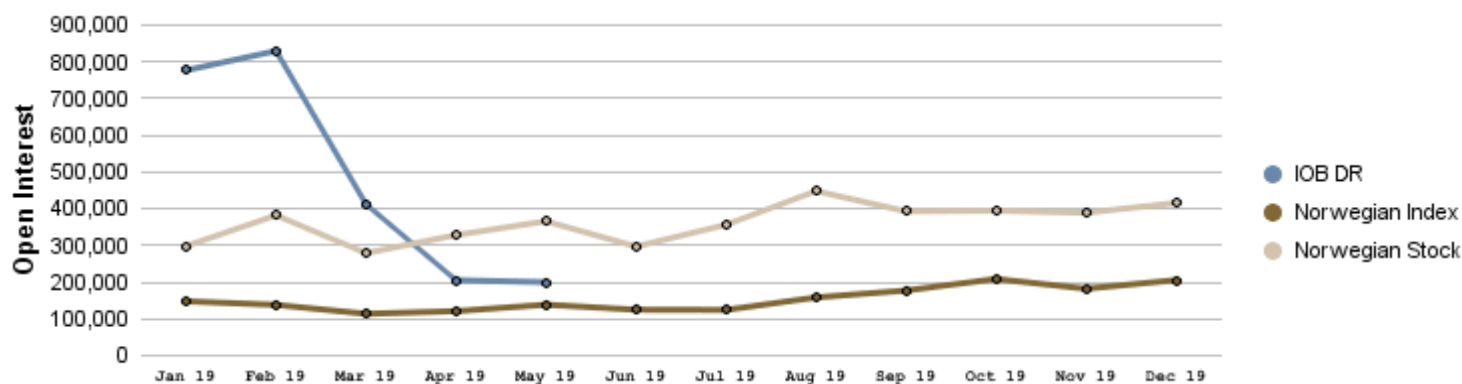
Activity Summary - By Product Category

Product Category	November 2019		2019 YTD		2019 YTD		Open Interest as at 13 Dec 2019
	Volume	Notional (\$m)	Volume	Notional (\$m)	Volume	Notional (\$m)	
Norwegian Index Futures	47,564 +0%	\$433.9 0%	1,135,381 +0%	\$10,376.4 +0%	1,135,381	\$10,376.4	45,231
IOB DR Futures			93,675 +0%	\$74.4 +0%	93,675	\$74.4	
Norwegian Stock Futures							94,830
Total Futures	47,564 +0%	\$433.9 +0%	1,229,056 +0%	\$10,450.7 +0%	1,229,056	\$10,450.7	140,061
Norwegian Stock Options	398 -97%	\$0.9 -96%	577,906 +0%	\$863.4 +0%	577,906	\$863.4	320,734
IOB DR Options			491,185 +0%	\$458.0 +0%	491,185	\$458.0	
Norwegian Index Options			120,827 +0%	\$1,106.7 +0%	120,827	\$1,106.7	160,455
Total Options	398 -97%	\$0.9 -97%	1,189,917 +0%	\$2,428.1 +0%	1,189,917	\$2,428.1	481,189
Total Derivatives	398 -99%	\$0.9 -100%	2,418,973 +0%	\$12,878.8 +0%	2,418,973	\$12,878.8	621,250

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	December 2019				2019 YTD			
	Volume	% Change (MoM)	Notional (\$m)	% Change (MoM)	Volume	% Changes (YoY)	Notional (\$m)	% Changes (YoY)
YARA INTL	89	-79%	\$375,868.71	-79%	60,278	+0%	\$264,014,043.78	+0%
EQUINOR	84	-95%	\$217,842.89	-92%	62,330	+0%	\$124,778,345.97	+0%
TGS NOPEC GEOP	96	-88%	\$169,880.47	-91%	7,162	+0%	\$18,664,099.96	+0%
MOWI ASA	30	-99%	\$65,025.87	-99%	40,102	+0%	\$92,800,983.70	+0%
SUBSEA	25	-94%	\$24,385.79	-95%	29,151	+0%	\$35,052,526.15	+0%
NORDIC SEMICON	25	-75%	\$12,235.31	-78%	5,812	+0%	\$2,455,895.32	+0%
DNO INTL	50	-98%	\$7,069.29	-98%	15,895	+0%	\$2,518,212.58	+0%

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 13 Dec 2019
			Dec 19	Nov 19	% Change	Dec 19	Nov 19	% Change	
AKERBP	AKERBP	Futures							335
AKERBP	AKERBP	Options							4,126
AKER SOLUTIONS	AKSO	Futures							2,155
AKER SOLUTIONS	AKSO	Options		25			\$6,185		48,570
BAKKAFROST	BAKKA	Options		20			\$108,874		432
DNB ASA	DNB	Futures							355
DNB ASA	DNB	Options		125			\$222,882		16,712
DNO INTL	DNO	Futures							20,300
DNO INTL	DNO	Options	50	2,500	-98%	\$7,069	\$299,523	-98%	3,300
EQUINOR	EQNR	Futures							2,475
EQUINOR	EQNR	Options	84	1,614	-95%	\$217,843	\$2,761,994	-92%	36,309
FRONTLINE	FRO	Futures							4,850
FRONTLINE	FRO	Options		235			\$243,574		7,000
GJENSIDIGE F	GJF	Options		50			\$89,555		190
MOWI ASA	MOWI	Options	30	5,294	-99%	\$65,026	\$12,059,104	-99%	14,007
NORDIC SEMICON	NOD	Futures							12,000
NORDIC SEMICON	NOD	Options	25	100	-75%	\$12,235	\$55,045	-78%	3,100
NORSK HYDRO	NHY	Futures							9,537
NORSK HYDRO	NHY	Options		1,049			\$392,693		57,868
NORWEGIAN AIR	NAS	Futures							5,068
NORWEGIAN AIR	NAS	Options		2,070			\$1,516,061		4,993
NORWEGIAN FIN	NOFI	Futures							100

LSEDM Trading Statistics by Underlying

Underlying Issuer Name	Underlying	Instrument Type	Number of Contracts Traded			Notional Traded (\$)			Open Interest as at 13 Dec 2019
			Dec 19	Nov 19	% Change	Dec 19	Nov 19	% Change	
NORWEGIAN FIN	NOFI	Options		50			\$48,015		6,850
OBX INDEX	OBX	Futures		47,564			\$433,913,440		45,231
OBX INDEX	OBX	Options		325			\$2,563,463		160,455
ORKLA A	ORK	Options		117			\$100,041		10,324
PGS ASA	PGS	Futures							600
PGS ASA	PGS	Options							8,000
RENEWABLE ENER	REC	Futures							26,000
RENEWABLE ENER	REC	Options		50			\$2,062		
STOREBRAND	STB	Futures							7,700
STOREBRAND	STB	Options		50			\$37,080		60,592
SUBSEA	SUBC	Futures							357
SUBSEA	SUBC	Options	25	433	-94%	\$24,386	\$484,875	-95%	7,115
TELENOR ASA	TEL	Futures							570
TELENOR ASA	TEL	Options		249			\$480,760		8,135
TGS NOPEC GEOP	TGS	Futures							250
TGS NOPEC GEOP	TGS	Options	96	777	-88%	\$169,880	\$1,982,035	-91%	8,425
YARA INTL	YAR	Futures							2,178
YARA INTL	YAR	Options	89	415	-79%	\$375,869	\$1,748,322	-79%	14,686
Grand Total			398	63,109	-99%	\$872,308	\$459,115,585	-100%	621,250