

Production and sales

Production

Neste Oil's production totaled 16.3 million tons (15.4 million) in 2013, of which 2.0 million tons (1.8 million) took the form of NExBTL renewable diesel. The increase from 2012 reflected both

higher output at the Porvoo refinery and higher renewable diesel volumes at the Singapore and Rotterdam refineries.

Neste Oil's production, by plant

(1,000 t)	2013	2012
Porvoo refinery	12,016	11,511
Naantali refinery	2,147	1,908
NExBTL refineries	2,009	1,849
Bahrain VHVI plant (Neste Oil's share)	151	128
Edmonton iso-octane plant (Neste Oil's share)	-	8

The Porvoo refinery operated at an average capacity utilization rate of 88% (87%) in 2013, reflecting the maintenance outage at production line 4 during the second quarter of the year. The Naantali refinery ran at a lower rate of 78% (67%) on average to optimize the refining margin.

The proportion of Russian Export Blend (REB) in Neste Oil's total refinery input at Porvoo and Naantali averaged 63% (63%) for the year as a whole. Production costs at the Porvoo and Naantali refineries totaled USD 4.8/bbl (4.4) for the year.

Neste Oil's renewable diesel facilities achieved an average capacity utilization of 91% (85%) in 2013.

Sales

Total sales volumes in 2013 were higher than in 2012, mainly due to increased sales volumes of NExBTL renewable diesel, while motor gasoline and diesel sales were slightly lower. Sales to Europe and North America, in particular, increased, reducing the share of domestic sales.

Neste Oil's sales from in-house production, by product category

(1,000 t)	2013	%	2012	%
Motor gasoline	4,216	26	4,281	27
Gasoline components	0	0	19	0
Diesel fuel	5,838	37	5,886	38
Jet fuel	660	4	651	4
Base oils	436	3	394	3
Heating oil	231	1	229	1
Heavy fuel oil	1,253	8	1,171	7
LPG	334	2	262	2
NExBTL renewable diesel	1,938	12	1,665	11
Other products	1,121	7	1,172	7
Total	16,026	100	15,729	100

Neste Oil's sales from in-house production, by market area

(1,000 t)	2013	%	2012	%
Finland	6,057	38	7,104	45
Other Nordic countries	2,581	16	2,563	16
Other Europe	5,405	34	4,232	27
USA & Canada	1,690	10	1,247	8
Other countries	293	2	583	4
Total	16,026	100	15,729	100