

Neste Oil's Singapore refinery – the world's largest and most advanced

Neste Oil started up the world's largest and most advanced renewable diesel refinery in Singapore in November 2010. The refinery was completed on-schedule and on-budget, and it marked a major step forward in Neste Oil's clean traffic fuel strategy. The production of premium-quality NExBTL renewable diesel has been running smoothly since the start-up.

Renewable fuels business is an important part of Neste Oil's strategy for cleaner traffic, and the starting of production at Singapore refinery supports Neste Oil's position as the world's leading producer of renewable diesel. With its premium-quality product and increasing production capacity, Neste Oil as an industry pioneer aims at meeting the world's growing energy needs and demand for cleaner, bio-based fuels.

Neste Oil's Singapore refinery

- World's largest renewable diesel refinery; Neste Oil's 3rd NExBTL renewable diesel facility
- Based on Neste Oil's own proprietary NExBTL technology
- Located in an industrial area of Tuas, in south-western part of Singapore, approx. 40 km from the city center
- Annual production capacity 800,000 metric tons (or 1 billion liters) of NExBTL renewable diesel. This annual volume is enough for 10 million cars to run continuously with 10% NExBTL blend.
- Operational since November 2010; completed on budget and on schedule
- Cost approximately 550 million euros to build.
- Employs approximately 120 persons; approx. 90 % of employees are from Singapore or from neighboring countries.
- All feedstock used at the refinery are fully sustainable and traceable: palm oil, stearin, and palm fatty acid distillate PFAD (from Southeast Asia), as well as animal fat (from Australia and New Zealand)
- The main markets for NExBTL diesel are Europe and North America, later possibly also Asia.
- Singapore refinery received ISCC (International Sustainability & Carbon Certification) certification Jan 20th, 2011. The certificate confirms that NExBTL diesel produced from certified raw materials is suitable for use in meeting mandated bio-content on the German market. The ISCC system, specific to the German market, is the first standard for sustainability based on the EU's new renewable energy directive (RED). It is approved by the German Federal Office of Agriculture and Food (BLE). Also Neste Oil's Porvoo refinery has been ISCC-certified.
- Lead by the Managing Director Derek Ong. In addition to the NExBTL refinery, Neste Oil also has a commercial office in central Singapore.

Neste Oil started up a similar-sized refinery in Rotterdam in September 2011. The company already operates two renewable diesel plants that came on stream at Porvoo, Finland in 2007 and 2009 with a combined capacity of 380,000 t/a.

