Neste Renewable Jet Fuel

The only way is forward

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The world is constantly on the move





Cleaner solutions through the years





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The world's largest company to produce renewable fuels from waste and residues







Empire State Buildings'
worth of waste and residues

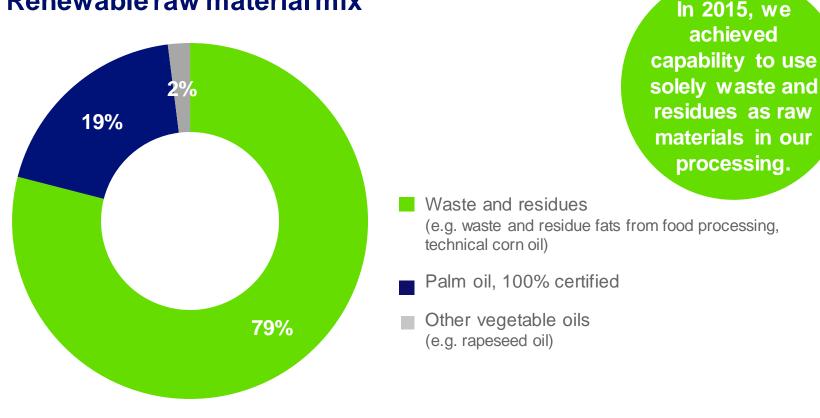
billion litres
of renewable diesel

million cars
powered for a year



Waste and residues form nearly 80% of our renewable raw material inputs

Renewable raw material mix



Neste's estimate for 2016.



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Annual production capacity of renewable products is 2.4 Mt

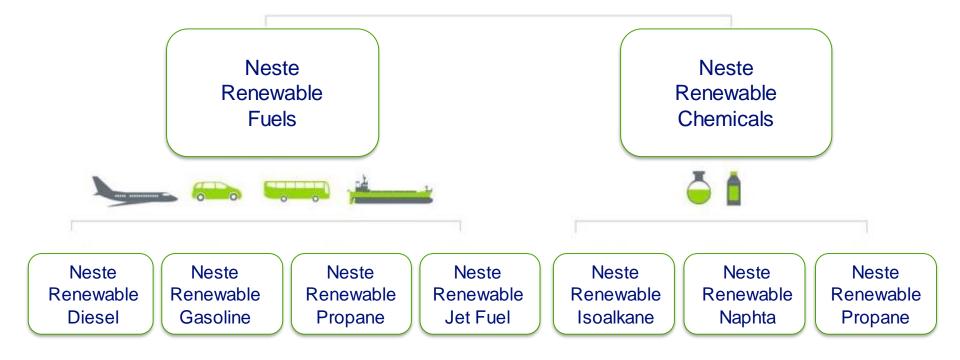
Unit	Capacity	Year	Investment
Finland #1	200 000 t/a	2007	EUR 100 million
Finland #2	200 000 t/a	2009	EUR > 100 million
Singapore	1 000 000 t/a	2010	EUR 550 million
Rotterdam	1 000 000 t/a	2011	EUR 670 million

All Neste's renewable product plants are ISCC-EU and EPA-approved. Neste aims to increase production capacity to 2.6 million t/a by 2017.

ISCC-EU = International Sustainability & Carbon Certification; production volumes eligible for the EU biofuel market EPA = Environmental Protection Agency; production volumes eligible for the US biofuel market

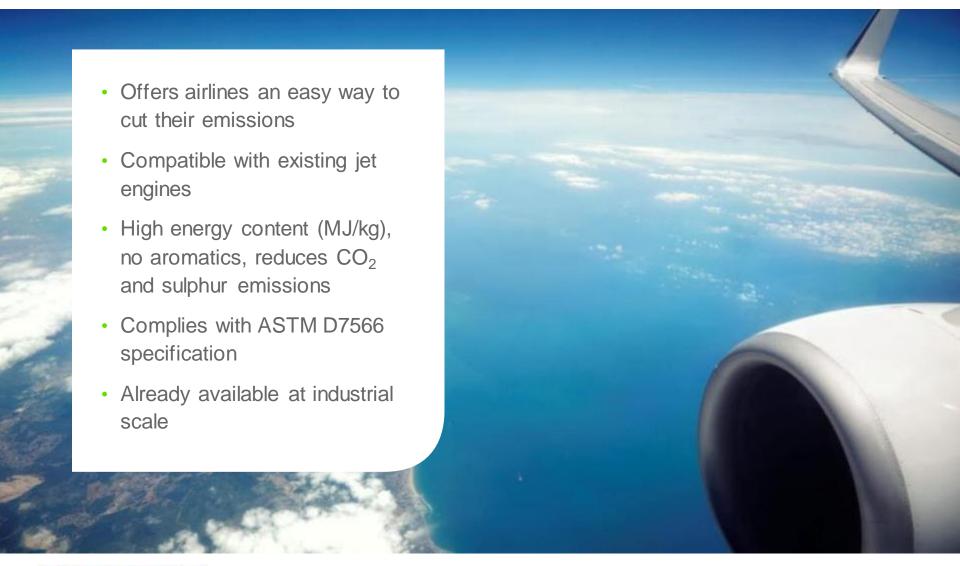


Our renewable products





Neste Renewable Jet Fuel

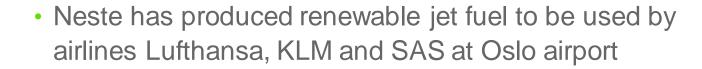




Proven high-level performance already in 2011 " Our burnFAIR project went off smoothly and to our fullest satisfaction. As expected, the biofuel proved its worth in daily flight operations." Joachim Buse, Vice President Aviation Biofuel at Lufthansa 1,600 tons 1,500 tons 1,187 of Neste Renewable Jet reduction in CO₂ Commercial Fuel emissions Lufthansa flights blend consumed (50% blend)

Oslo Airport the first in the world to offer Neste Renewable Jet Fuel since January 2016







- The fuel is transferred to Oslo as a 50% blend with conventional jet fuel
- For the first time, the distribution takes place via the airport's existing distribution system (hydrant)



- The fuel was produced in Porvoo, Finland, as part of the EU-funded ITAKA* project
- The feedstock is 100% certified camelina oil

* http://www.itaka-project.eu/default.aspx





Why new fuel, HEFA vs. HEFA+?

- Targeted benefits:
 - Fuel supply should increase
 - Lower blends should encourage airlines to use the fuel
- What remains the same: High quality fuel that is safe to use by all aircrafts
- Main difference:
 - Blend ratios: HEFA* max.
 50%, HEFA+ max. 15%
 (estimate)

*HEFA=Hydroprocessed Esters and Fatty Acids



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