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Neste and Boeing: commercialization of renewable aviation fuels

Neste and Boeing will work together to promote and accelerate the commercialization of renewable aviation fuel. The companies will work toward American Society for Testing and Materials (ASTM) fuel standard approval allowing the commercial use of high freezing point renewable aviation fuel by airlines. The goal is also to gain widespread market acceptance for renewable aviation fuels, and to progress sustainability accreditation efforts.

Neste anticipates that its high-quality renewable aviation fuel could help the aviation industry to achieve its greenhouse gas saving targets: carbon-neutral growth from 2020 and a net reduction in carbon emissions of 50% by 2050 compared to 2005.

In 2014, Boeing successfully tested Neste's renewable aviation fuel in a 15% blend with petroleum jet fuel in the Boeing ecoDemonstrator 787, a test airplane that assesses technologies. The 787 made an initial flight with this biofuel blend in one engine, followed by several flights with the biofuel blend in both engines. Based on its test flights, Boeing reported that "the airplane performed as designed with the renewable jet blend, just as it does with conventional jet fuel".

Source:

<https://www.neste.com/en/neste-and-boeing-lead-industry-commercialization-renewable-aviation-fuels>