

Decarbonizing AVIATION

**KEY BENEFITS
OF NESTE MY
RENEWABLE
JET FUEL**

**BENEFITS
FOR OUR
STAKEHOLDERS**

THE BENEFITS OF
Neste MY
Renewable Jet Fuel

Dear Reader,

In this brochure, we introduce Neste MY Renewable Jet Fuel™ and highlight its benefits.

We hope you find this information useful and join us on the journey to decarbonize aviation!



Neste MY Renewable Jet Fuel offers a fully sustainable and certified solution for aviation

Neste, **the 3rd most sustainable company in the world**, has developed Neste MY Renewable Jet Fuel™ (RJF), a low-carbon sustainable aviation fuel, to help the aviation industry reduce its carbon footprint.

Neste MY RJF™, is produced from 100% renewable and sustainable raw materials. The fuel offers a convenient and effective way to decrease emissions and increase the proportion of renewable energy used in aviation.

Thanks to an extensive raw material portfolio, we can tailor our product offering to meet the requirements for different markets and customers, including those in the aviation industry.

The International Air Transport Association (IATA) states that the use of sustainable aviation fuels is the leading solution to mitigate emissions growth across the aviation industry in the medium term.

The aviation industry has a vital role in advancing technical certification for sustainable aviation fuel. The first commercial flight completed with sustainable aviation fuel was achieved in 2011 and over twenty airlines have conducted test flights with sustainable aviation fuels to date.



“Sustainable Aviation Fuels have up to 80% smaller carbon footprint over their lifecycle compared to Fossil jet Fuel.”

Paul Paoletta
Head of Neste
Aviation Solutions

Neste MY Renewable Jet Fuel in a nutshell

100% renewable and sustainable

The fuel is produced from a flexible mix of renewable raw materials such as waste fats and used vegetable oils, classified as Hydroprocessed Esters and Fatty Acids (HEFA).

Smaller environmental footprint

Neste MY RJF™ reduces greenhouse gas emissions by up to 80% over the fuel's lifecycle in addition to sizable reductions in turbine emissions. It reduces harmful particulate SOx and NOx emissions and burns clean – free of sulphur, oxygen and aromatics.

Easy to use 100% drop-in fuel

Neste MY RJF™ is fully compatible with the existing jet engine technology and fuel distribution infrastructure when blended with fossil jet. Therefore, no additional investments or modifications are needed. The fuel in neat form is ASTM (D7566) approved. When blended with conventional fossil jet fuel up to a maximum level of 50%, the fuel is re-certified as D1655.

Superior cold weather performance

With a freeze point of -47°C and lower, Neste MY RJF™ is suitable for operation in extreme cold weather conditions.

High performance

With a high cetane number of 75 and above, Neste MY RJF™ ensures an efficient and clean combustion. It has higher energy content compared to conventional fossil jet fuel.

Excellent storage properties

Neste MY RJF™ can be stored over long periods of time without deterioration in quality or water accumulation.

Pure hydrocarbon

The chemical composition of Neste MY RJF™ is equivalent to that of conventional fossil jet fuel per ASTM D1655.

Odorless

The fuel is sulphur-free, oxygen-free and aromatics-free.

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For more information

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Neste MY Renewable Jet Fuel brings benefits to various stakeholders

For airports

- Helps fight climate change
- Meet local GHG reduction targets, such as the Airport Carbon Accreditation scheme
- Improved local air quality

For airlines

- Increased fuel economy
- Higher fuel energy density (by mass)
- Meet GHG reduction targets
- Drive new value proposition and associated revenues
- Legitimacy for growth

For passengers

- Ability to participate in reducing GHG emissions from aviation
- Lower carbon footprint
- Assemble loyalty program rewards and benefits

For governments

- Improved air quality and living standards
- Meet national and global GHG reduction targets
- Enhance energy diversification
- Support new developing industries

For local corporations

- Socially responsible citizen
- Improved air quality for work force
- Enhance marketing and PR value
- Reduce business travel emission footprint

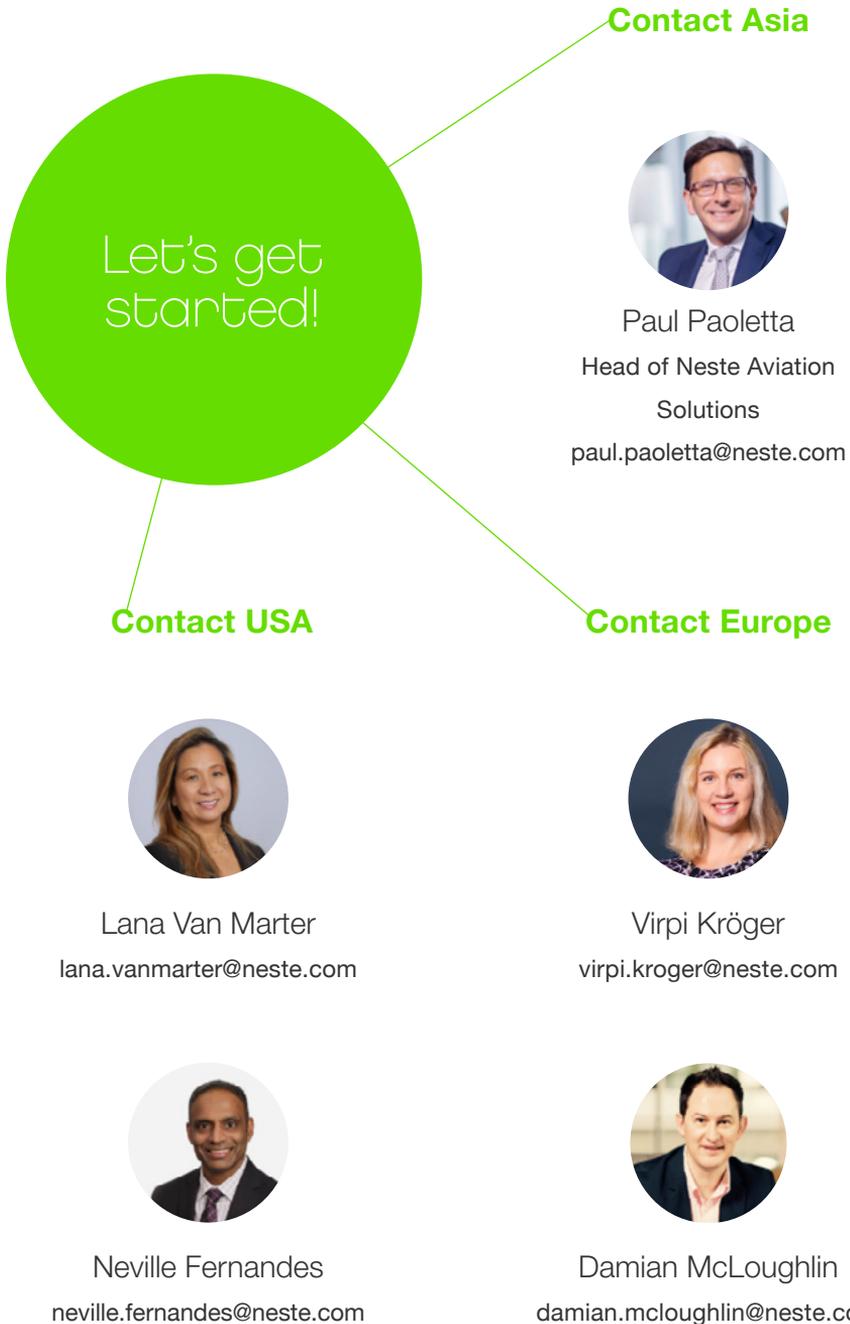
For local communities

- Improved air quality and living conditions
- Local responsibility and engagement
- Contribution to fight climate change

For fuel suppliers

- Enhance product portfolio, energy diversification and value proposition to customers

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