

Boeing Invests in Australian Sustainable Aviation Fuel Production

- Investment supports development of Wagner Sustainable Fuels refinery to advance SAF production in Australia

- Expands Boeing-Wagner partnership announced earlier this year

BRISBANE, Queensland, Aug 20, 2024 – Boeing [NYSE: BA] has become an early investor in Wagner Sustainable Fuels to support the development of its sustainable aviation fuels (SAF) production facility in Brisbane, increasing Australian SAF supply and reducing aviation's carbon emissions.

Boeing's investment in the Wagner refinery is part of its strategy to support development of local SAF supply and expand global access to SAF, which remains the most effective lever to decarbonize aviation by 2050. SAF, which reduces CO₂ emissions by up to 84% compared to petroleum jet fuel, currently represents 0.1% of global jet fuel use.

"We're proud to invest in this project because it will make a real difference in developing a SAF industry in Australia," said Kimberly Camrass, Boeing's sustainability lead for Australia and New Zealand. "Accelerating local SAF supply enables Australia's own climate goals and supports the global commercial aviation industry's commitment of net zero CO₂ emissions by 2050."

"SAF facilities such as Wagner's new Brisbane site also strengthen Australia's fuel security, since the country currently imports 90% of its liquid fuel including jet fuel, and the demand is expected to increase by 75% towards 2050," Camrass added.

"Our partnership with Boeing to advance the Wagner SAF refinery in Brisbane is a commitment to proactively grow the SAF industry in Australia," said Matt Doyle, Wagner Sustainable Fuels Chief Executive Officer. "The investment from the Queensland Government and Boeing will underpin Australia's first, fully integrated SAF production facility."

"It will create local jobs, contribute to fuel security and reduce greenhouse-gas emissions from aviation," he said.

Building on an initial Boeing-Wagner partnership announced in April, Boeing's new investment will support an engineering study for the eventual construction of a SAF refinery. The Brisbane facility will use waste-to-SAF technology that converts ethanol produced from waste-based feedstocks such as industrial waste into SAF.

"This project allows Australia to continue to stand out as a leader in SAF, now leveraging the solution we co-created with LanzaTech to convert waste carbon into sustainable fuels," said Jimmy Samartzis, CEO of LanzaJet. "The combination of our platform with the front-end of LanzaTech's carbon recycling technology makes it possible to create SAF supply in Australia using local waste streams, further supporting the country's energy security and protecting its natural environment."

"Domestic SAF production will be critical to decarbonising the aviation industry and Australia meeting its emissions reduction targets," said Andrew Parker, Chief Sustainability Officer at Qantas. "We have a target of using 10% SAF by 2030 and have invested in Queensland biofuel production through our \$400 million Climate Fund."

[CSIRO and Boeing's Sustainable Fuels Roadmap](#) in 2023 identified that Australian SAF production not only enables local fuel production capacity to meet commercial demand, but also contributes to sovereign fuel security and regional jobs.

#

About Boeing

As a leading global aerospace company, Boeing develops, manufactures and services commercial airplanes, defense products and space systems for customers in more than 150 countries. As a top U.S. exporter, the company leverages the talents of a global supplier base to advance economic opportunity, sustainability and community impact. Boeing's diverse team is committed to innovating for the future, leading with sustainability, and cultivating a culture based on the company's core values of safety, quality and integrity. Join our team and find your purpose at [boeing.com/careers](https://www.boeing.com/careers).

About Wagner Sustainable Fuels

Wagner Sustainable Fuels is a company focused on reducing CO₂ emissions from Australia's hard to abate sectors including aviation and heavy transport through the supply of SAF and Renewable Diesel (RD). As part of the Wagner family's group of companies, Wagner Sustainable Fuels is leading the development of renewable liquid fuels through the implementation of SAF blending facilities and renewable diesel supply chains in the near term and SAF/RD production facilities from waste products in line with global demand and Australia's need to reduce GHG emissions across hard to abate sectors.

About LanzaJet

LanzaJet is a leading sustainable fuels technology company dedicated to accelerating the clean energy transition. As a Sustainable Aviation Fuel (SAF) technology provider and producer with patented ethanol-based alcohol-to-jet (ATJ) technology, LanzaJet is creating an opportunity for future generations by accelerating the deployment of SAF and other clean technologies.

critical to addressing the climate crisis and transforming the global economy. Further information is available at <https://www.lanzajet.com/>.

About LanzaTech

LanzaTech Global, Inc. (NASDAQ: LNZA) is the carbon recycling company transforming waste carbon into sustainable fuels, chemicals, and materials for everyday products. Using its biorecycling technology, LanzaTech captures carbon generated by energy-intensive industries at the source, preventing it from being emitted into the air. LanzaTech then gives that captured carbon a new life as a clean replacement for virgin fossil carbon in everything from household cleaners and clothing fibers to packaging and fuels. By partnering with companies across the global supply chain like ArcelorMittal, Zara, H&M Move, Coty, and On, LanzaTech is paving the way for a circular carbon economy. For more information about LanzaTech, visit <https://lanzatech.com>.

Contact:

Melanie de Git
Boeing Australia Communications
melanie.degit@boeing.com

Boeing Media Relations
media@boeing.com

Additional assets available online: [Photos \(1\)](#)