

# Boeing, CSIRO create roadmap for sustainable skies

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- Boeing and Australia's national science agency, the Commonwealth Scientific and Research Organisation (CSIRO), further advance 34 years of technical collaboration.
- Sustainable Aviation Fuel (SAF) Roadmap supports Australian Government emission mandates and aviation industry's net zero goal.

Boeing [NYSE: BA] and CSIRO are partnering on a Sustainable Aviation Fuel (SAF) Roadmap to explore how Australia can establish itself as a leading SAF producer in the Asia Pacific region.

SAF is a key enabler for both the aviation industry's commitment to achieve net zero emissions by 2050 and Australia's Jet Zero Council mandate to reduce aviation emissions which contributes 2.5 per cent of the world's total carbon emissions.

"The Roadmap will identify opportunities to produce, scale and meet demand for feedstocks required to establish a SAF industry in the Asia Pacific region," said Max Temminghoff, lead Roadmap author and senior manager in the CSIRO Futures team.

"Emerging themes gathered from government, defence and industry experts, including the need to improve SAF literacy, suggest an opportunity to raise levels of communication, transparency and ongoing assurance of the fuel's sustainability."

Boeing and CSIRO's 34-year collaboration on research projects has led to significant aerospace advances, including scaling up the production of SAF across the region. These efforts also support Boeing's commitment that our commercial airplanes will be capable and certified to fly on 100% SAF by 2030.

"SAF is proven and used daily around the world in more than a quarter-million flights and widely accepted as a drop-in replacement for conventional jet fuel," said Heidi Hauf, Regional Sustainability Lead APAC, Boeing.

"It offers the largest potential to reduce carbon emissions in all aviation sectors, so finding out how to harness the economic and environmental benefits afforded by SAF is a meaningful jump forward for the region."

Final Roadmap findings and recommendations from this analysis will be made available by mid-2023.



Contact:  
Natacha Dobrovolsky  
+61 422 679 647  
natacha.dobrovolsky@boeing.com

Chanel Koeleman  
+61 432 140 673  
chanel.koeleman@csiro.au