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Boeing partners with decision-makers for sustainable aerospace

Boeing is working with decision-makers and policy institutions globally to create tailor-made paths forward to decarbonize commercial aviation.

Why it matters: The commercial aviation industry’s ambition of net-zero carbon emissions by 2050 has multiple levers to work toward meeting this target. SAF is seen as the best solution to accelerate toward this goal as it is a drop-in solution to the aviation ecosystem.

Around the globe: Here’s a snapshot of Boeing’s global policy partnerships.

- **Americas:** Partnering with International Air Transport Association (IATA), Boeing hosted a SAF Roundtable at the IX Summit of the Americas and asked heads of state to develop sound policies to incentivize the production of SAF across the western hemisphere, highlighting the potential of the region. Boeing also partnered with seven airlines from across the Americas, using nearly 400,000 liters (106,000 gallons) of SAF for commercial flights during the week of the summit, avoiding the release of over 214 tonnes of CO₂.
- **Australia:** SAF will unlock its share of an extra \$10 billion each year in GDP, generating 26,000 jobs, while reducing emissions by around 9%. Boeing and Bioenergy Australia hosted a panel at the Prime Minister’s Sydney Energy Forum to accelerate the production of SAF, where the Australia Transport Minister announced plans for a Jet Council. Boeing also chaired the SAF Alliance of Australia and New Zealand to make key policy recommendations on scaling SAF.
- **China:** Boeing and Peking University Institute of Energy released a report that compiles results of a yearlong research effort into SAF, the basis of a plan to decarbonize air travel in the world’s second-largest commercial aviation market.

Boeing Global Sustainability Policy & Partnerships Vice President Brian Moran (right) is joined by Mohamed Al Ghailani, Boeing’s sustainability lead for Middle East, Türkiye and Africa, at COP27, where they engaged with government, industry and civil society partners. (Boeing photo)

- **Europe:** Boeing became a member of the European Commission’s Renewable and Low-Carbon Fuels Value Chain Industrial Alliance. As part of the Aviation Working Group, Boeing is partnering with the European policymakers to inform how to scale production and uptake of SAF. In 2022, Boeing also took the lead as Sector Champion for Aviation in the World Economic Forum’s First Movers Coalition (FMC), which has assembled 24 of the world’s leading companies. All airlines and air transport companies in this sector have set a target to procure 5% of their fuel demand as advanced SAF. The group works to overcome technology barriers and bring forward supply with the intent of striking binding commitments between buyers and sellers.
- **Middle East:** Boeing discussed real-world climate actions at the 2022 COP27 via panels and keynotes with partners and stakeholders, amplifying that the only way to keep 1.5 degrees C alive is through cross-sector partnerships, strategies, regulation and data to keep all parties on track.
- **Singapore:** Boeing joined the International Advisory Panel (IAP) set up by the Civil Aviation Authority of Singapore to develop Singapore Sustainable Air Hub Blueprint by 2023. Boeing provided insight into IAP’s report on scaling SAF and improving air traffic management to create a conducive policy framework for the region’s busiest aviation hub. Boeing also briefed the Association of Southeast Asian Nations Air Transport Ministers on key strategies for sustainable aviation, encouraging further discussion amongst the member states on accelerating regional cooperation.
- **UK:** Boeing hosted the seventh Jet Zero Council meeting in its offices, presenting its Cascade tool to the Secretary of State for Transport and Secretary of State for Energy and Net Zero. The work of the council is crucial for the UK Jet Zero Strategy. Boeing was appointed co-chair of the Defence Supplier Forum Climate Change and Sustainability Aviation Group with the Royal Air Force. Boeing also leads a NATO group on behalf of the UK focused on accelerating military adoption of SAF to support defence sustainability and energy security.



- **U.S.:** The SAF Grand Challenge engages federal government agencies to develop a comprehensive strategy for scaling up new technologies to produce SAF on a commercial scale from renewable or waste resources. Objectives include: expanding SAF supply and end use; reducing its cost; enhancing its sustainability; supplying at least 3 billion gallons of SAF annually by 2030; and sufficient SAF to meet 100% of aviation fuel demand by 2050, which is projected to be around 35 billion gallons per year.

What’s next: Boeing will continue to work closely with governments, customers and decision-makers globally to achieve our shared goal in 2023 and beyond, including:

- Partnering on SAF road maps across the APAC region, including Australia, New Zealand, Southeast Asia and Japan.
- Helping to develop Australian Jet Zero Council.
- Advocating to policymakers, the finance community and suppliers through regional workshops with FMC around the world to build local capacity for SAF supply, enhance demand commitments and unlock commercial challenges.
- Supporting the release of global SAF guidance on future supply and demand issues for buyers and sellers.
- Working closely with the UAE government on shaping sustainable transport agenda at COP28.