



AIRBUS



住友商事

Green Earth Institute

Japan Airlines Co., Ltd.

Airbus

Nippon Paper Industries Co., Ltd.

Sumitomo Corporation

Green Earth Institute Co., Ltd.

JAL, Airbus, Nippon Paper Industries, Sumitomo Corporation, GEI sign MoU to collaborate on pure Japan-domestic wood-based SAF

Tokyo, Japan, 17 March 2025 – Japan Airlines (JAL), Airbus, Nippon Paper Industries, Sumitomo Corporation, and Green Earth Institute (GEI) have signed a Memorandum of Understanding (MOU) to collaborate on the realization of sustainable aviation fuel (SAF) using bioethanol derived from domestic wood.

In February 2023 Nippon Paper, Sumitomo Corporation, and GEI launched the "MORISORA Project." In February 2025 an agreement was signed to establish a joint venture to manufacture and sell bioethanol made from wood biomass. JAL and Airbus have now joined the project and will promote the use and expansion of domestic SAF by collaborating with businesses involved in the supply and demand of SAF.

The five companies will work to enable a low-carbon society by reducing greenhouse gas emissions during raw material procurement and production, and by producing and selling domestic wood-based bioethanol that has a low LCA (※1) and is compliant with CORSIA (※2). This will be achieved through the developing society's circular economy of "cutting, using, planting, and growing" trees, regional revitalization including job creation, and the utilization of domestic SAF.

JAL aims to promote domestically produced SAF and has set a goal of replacing 10% of all onboard fuel with SAF by 2030. By connecting the SAF suppliers with stakeholders involved in production, JAL will advance the construction of a supply chain. Airbus will support the work to obtain the CORSIA certification for the domestic woody biomass of this project and contribute to the industry target to achieve net-zero carbon emissions by 2050.

The five companies will mutually leverage their strengths to produce and promote domestic SAF made from bioethanol using domestic wood, aiming to create a decarbonized society and revitalize local communities through resource circulation and work towards a sustainable future.

(※1) Life Cycle Assessment: Life cycle assessment (LCA) is a tool to assess potential environmental impacts throughout a product's life cycle.

(※2) The Carbon Offsetting and Reduction Scheme for International Aviation (CORSIA) is a global market-based measure designed to offset international aviation CO₂ emissions in order to stabilize the levels of such emissions.

森のチカラを空飛ぶチカラに
森空プロジェクト



(From left to right) Wood chips, pulp, fermentation culture liquid, "MORISORA" bioethanol

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