International Coordinating Council of Aerospace Industries Associations

AeroSpace and Defence Industries Association of Europe • Aerospace Industries Association of America • Aerospace Industries Association of Brazil • Aerospace Industries Association of Canada • Society of Japanese Aerospace Companies • Union of Aviation Industrialists of Russia • Association of Aerospace Industries Singapore • Federación Mexicana de la Industria Aeroespacial • Malaysia Aerospace Industry Association

ICCAIA Commits to Support Achieving Net Zero Carbon Aviation Emissions

Montreal, January 6th 2022: The global aerospace manufacturing industry, represented by the International Coordinating Council of Aerospace Industries Associations (ICCAIA), is committed to playing its part in achieving ambitious goals to reduce carbon emissions and impacts of its products and services.

ICCAIA affirms the commitment of its members to enabling the achievement of net-zero carbon emissions in aircraft operations by 2050 by contributing innovation in technology, sustainable fuels compatibility and assisting in the development of infrastructure to support them both.

Aviation manufacturers are investing in a range of evolutionary and revolutionary technologies to mitigate aviation's environmental footprint and provide for a future of sustainable growth for the industry. Such ambitious goals need to be underwritten by a regulatory framework that enables and encourages innovation and sustainable practices along with active support from the energy sector.

Our commitment to net-zero carbon aviation operations are underpinned by a number of elements:

1. Investment in research and development to support innovation in propulsion, aerodynamics, structures, materials, and avionics
2. Increased availability of sustainable aviation fuels (SAF) to enable operators to take advantage of our products' ability to operate on 100% SAF
3. Global availability of alternative energies such as electricity and hydrogen, along with airport logistics and storage, to support revolutionary aircraft technologies
4. Traffic management infrastructure that enables the use of existing and new technologies to allow optimised flight trajectories and time-dependent technologies
5. A supportive regulatory framework, focused on innovation that provides for new kinds of vehicles, infrastructure needs, performance implications and operating environments to be available in time for new products to come to market
6. Standards for CO2 that take into account new technologies, while maintaining a holistic approach to ensure trade offs with other emissions are considered

These goals can only be achieved through collaborative working between aircraft manufacturers, airline and airport operators, energy providers, air navigation service providers and governments. ICCAIA calls on ICAO to support the industry in achieving its emissions targets by developing supporting standards and recommended practices, enabling innovation through flexible regulation, and encouraging States to make alternative energies available to aviation as a priority.