



The RedCabin Trinity Award

Press Release

RedCabin announces the first-ever Trinity Awards finalists

19 April 2024, Berlin: Leading aviation summit pioneer, RedCabin, today announces the finalists for this year's RedCabin Trinity Awards, the first in the history of RedCabin, taking place at the Aircraft Cabin Innovation Summit in Dallas Fort Worth, Texas on June 13. The Trinity Awards - sponsored by Boeing Commercial Airplanes and SEKISUI KYDEX - celebrate innovation across the aircraft interiors industry.

Last month, the jury of industry experts released its shortlist of 21, and has now released the names of its 2024 finalists.

Passenger Experience Concepts

The concepts in the passenger experience category making their way to the final include the **'Air 4 All'** from **Delta Flight Products** (partners include **PriestmanGoode**, **Flying Disabled** and **SWS Certification**) that eliminates the need to transfer from wheelchairs to airline seats. It allows powered wheelchair users to remain in their wheelchair for the entire journey and offers new possibilities for this community to travel and enjoy an experience that is more comparable to the journeys of other passengers.

Touchless experiences also impressed judges, such as the **'Euphony'** from **Safran** (partner is **Devialet**), the first integrated audio system adapted to a cabin interior environment resulting from an international collaboration. The technology incorporates speakers inside the headrest providing directed audio to the passenger's ears without being a nuisance to the rest of the cabin.

The **'eSmart Lavatory'** from **Diehl Aviation** redefines the lavatory experience and includes touchless controls to ensure a hygienic environment. An innovative smart mirror transforms the space into an interactive centre that displays digital content for clarity, understanding and entertainment. Passenger comfort is enhanced by a time management system that allows time slots to be booked in the lavatory via smartphone.

Sustainability Concepts

Lightweight seating technologies meticulously crafted for the single-aisle market are also through to the next stage such as the **'Ti-seat 2'** from **Explicseat SAS**. It aims to revolutionise the air travel experience with a seat that not only prioritises passenger comfort and durability but also sets a new standard for environmental responsibility.

Some of the concepts have been designed to significantly reduce emissions such as the **'Ultra Slim Low Carbon Seat'** from **DOY Design Limited** (partners include **Sabeti Wain Aerospace, Impression Technologies, AIRA (Aircraft Interior Recycling Associates), Gen Phoenix** and **Gränges Konin**), a circular economy seat concept designed to reduce embedded carbon by 70% and deliver an average PAX weight of 6.6kg. The Ultra Slim LC defines a new travel class aimed at passengers who want to reduce their impact on the environment and airlines who want to deliver an environmentally focused service as part of its USP.

Furthermore, the **'Sustainable panel for cabin interior'** from **Diab Group** (partners include **Applus+ Rescoll** and **Akzo Nobel**) is a sustainable lightweight panel for cabin interiors combining the advantages of Diab's structural foam core Divinycell F and thermoplastic organosheets. Using only materials already used and qualified by Aerospace OEMs, the panel is fully compliant with all the industry requirements. Diab has demonstrated the recyclability potential of such a panel, which already includes recycled content from Diab's production waste and is consequently 100% waste-free.

Cabin Service Concepts

Through to the final, the **'Jump Seat Duo'** from **J&C Aero** concept serves as both a cabin attendant seat (CAS) and an onboard wheelchair for passengers with reduced mobility. This innovative design utilises existing attachment points on monuments, ensuring a hassle-free upgrade process. Designed with compliance in mind, this product is a 16G compliant solution specifically tailored for narrow-body aircraft, setting a new standard for in-flight accessibility, convenience, and safety.

Furthermore, the **'Door 2.0 - The Zen Door'** from **Unum Aircraft Seating** (partner is **MGR Foamtex**) is a lightweight, easy-to-certify, next-generation privacy door for business class seating, drawing design inspiration from the ancient art of origami. The team has developed a patented business-class door design that is significantly less complex, and therefore lighter, as well as easier to certify.

Blending cabin interiors with technology, the **'Clear Cabin'** from **ACLA Studio** (partner is **Boeing Encore Interiors**) is a class divider with a 33" transparent OLED Screen. The incorporation of a digital screen into the conventional class divider signifies a paradigm shift in the perception of this traditionally overlooked product architecture. This dynamic addition transforms the once mundane divider into a valuable asset, offering real-time flight information, enticing food and beverage options, and seamless navigation to connecting flights.

The road to the final

The inaugural RedCabin Trinity Awards winners will be announced at a ceremony at ACIS in Dallas, USA on June 13 2024. The award trophies will be designed by innovation pioneer **Teague** and produced by **The Aviation AM Centre GmbH**.

Founder and CEO of RedCabin, Monica Wick comments: "With the countdown on to our ACIS and the first Trinity Awards ceremony, we can't wait to present the first winners of the Trinity Awards in Dallas with their trophies and to celebrate their innovations together".

RedCabin will provide the winners with the opportunity to collaborate with an airline and to help make the business case happen for their innovation.

RedCabin Summits are widely recognised in the industry as the showcase for new innovations. From shaping the future of sustainable aviation to new seat and cabin designs, to unveiling innovation in colour, materials and finish (CMF), global innovators in aviation interiors choose to launch new products and concepts to the industry at RedCabin Summits.

For sponsorship opportunities of the RedCabin Trinity Award please contact Andreas Wibowo: andreas.wibowo@redcabin.de.

To see more information about the RedCabin Trinity Awards, click here: <https://trinityaward.redcabin.de/>

About RedCabin:

Founded in 2017, RedCabin is home to the global travel summit series, #RedCabinLIVE, which is focused on using collaboration and interactivity to develop new products, partnerships and processes which tackle the biggest challenges in transport and improve the passenger experience.

Attended by senior executives from the world's major rail, aviation, and automotive organisations – including design houses, operators, and manufacturers – RedCabin is the birthplace of many innovative projects and ideas which are reshaping how we travel.

For more information on RedCabin and its vision, please visit: <https://redcabin.de/>

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