



The RedCabin Trinity Award

Press Release

RedCabin announces the first-ever Trinity Awards shortlist

21 March 2024, Berlin: Leading aviation summit pioneer, RedCabin, today announces the 21 concepts that have been shortlisted for this year's RedCabin Trinity Awards, taking place at the Aircraft Cabin Innovation Summit in Dallas Fort Worth, Texas on June 13th.

From passenger experience to cabin service and sustainability, the nominated concepts are shining examples of industry innovation and each has the potential to make a significant impact on the industry.

The RedCabin Trinity Awards - sponsored by **Boeing Commercial Airplanes** and **SEKISUI KYDEX** - celebrate innovation across the aircraft interiors industry. Awards are judged against strict criteria including how likely it is that the concept becomes a reality, cost reduction, efficiency improvement, sustainability and – most importantly – the concept's ability to improve the passenger experience in an aircraft cabin. The award trophies will be designed by innovation pioneers Teague and produced by **The Aviation AM Centre GmbH**.

Passenger Experience Concepts

The shortlisted concepts in the passenger experience category include many hardware solutions for future products. Many entries received involved seating concepts such as the 'Air 4 All' from **Delta Flight Products** (partners include **PriestmanGoode**, **Flying Disabled** and **SWS Certification**) which offers powered wheelchair users equal access to comfort, safety and dignity, eliminating transfers from wheelchairs to airline seats.

New digital solutions to improve the passenger experience also feature in the shortlist such as the 'Teledyne ACES' from **Teledyne Controls**, a certified aircraft cabin environment monitoring system that provides tangible insight into aircraft air quality, verifying the health of the cockpit and cabin for both crew and passengers, ensuring a safe and optimum operating environment.

Smaller cabin feature concepts also in the shortlist include the 'SCHROTH-AirPRO™ Passenger Lap Belt Airbag' from **SCHROTH Safety Products GmbH** (partners include **TEAMS Design Hamburg GmbH** and **DesignBüro Stühmer|Scholz GbR**), a novel technology developed to enhance passenger safety, as well as elevate the customer experience in the cabin with customisable design options for the airline. Not forgetting seating, 'The Articulating Headrest' from **SleeperTech Pty Ltd** provides an optimal level of cushioned head support and comfort to reduce stress and induce rest and sleep.

Touchless comfort experiences are continuously playing a big role in the interior industry as the **'Euphony'** from **Safran** (partner is **Devialet**) provides passengers with a headset-free unrivalled quality individual sound experience. The **'eSmart Lavatory'** from **Diehl Aviation Laupheim GmbH** concept transforms the lavatory experience by offering touchless controls, barrier-free accessibility, an interactive smart mirror and predictive maintenance features, elevating passenger convenience and operational efficiency.

The **'OnBoard Data Center'** from **Thales Avionics** has also made the shortlist, bringing state-of-the-art hardware architecture and web technologies onboard, revolutionising how airlines operate and how passengers engage.

Sustainability Concepts

Concepts shortlisted this year focus not just on improving the passenger experience but also the industry's commitment to sustainable products, processes and services within an aircraft cabin to drive a circular economy. One shortlisted concept includes the **'Sofab'** (Manufacturer: **OPTIMARES spa**, Designer: **GOOD srl**), a business class seat that considers the future of a sustainable aviation industry without compromising on passenger comfort.

Lightweight seating technologies meticulously crafted for the single-aisle market are also shortlisted such as the **'Ti-seat 2'** from **Expliseat SAS**. Some of the shortlisted concepts have been designed to significantly reduce emissions such as the **'Ultra Slim Low Carbon Economy Seat'** from **DOY Design Limited** (partners include **Sabeti Wain Aerospace, Impression Technologies, AIRA (Aircraft Interior Recycling Associates), Gen Phoenix, Gränges Konin**), a circular economy seat concept designed to reduce embedded carbon by 70% and deliver an average PAX weight of 6.6kg.

Concepts for other parts of the cabin include the **'Sustainable panel for cabin interior'** from **Diab Group** (partners include **Applus+ Rescoll and Akzo Nobel**), a sustainable lightweight panel for cabin interiors designed to enable circularity in the aerospace industry.

Cabin Service Concepts

This category covers concepts for future service models and products that are beneficial for airlines and passengers. When it comes to flexibility 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. The dual-purpose design eliminates the need to stow a separate onboard wheelchair, streamlining day-to-day operations and breaking accessibility barriers.

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. Blending cabin interiors with technology, the **'Clear Cabin'** from **ACLA Studio** (partner is **Boeing Encore Interiors**), the Clear Cabin is a class divider with a 33" transparent OLED Screen.

Awards to take centre stage at US ACIS 2024, hosted by American Airlines

The finalists will be announced in April and the winners of the inaugural RedCabin Trinity Awards will be announced at a ceremony at ACIS in Dallas, USA on 13 June 2024. Founder and Chief Executive of RedCabin, Monica Wick comments: “The nominations that we have received this year show the sheer scale of innovation in the industry and a genuine desire to make air travel better for all travellers. We can’t wait to announce the finalists and to award the first winners of the Trinity Awards in Dallas with their trophies”.

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.

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/>

Issued by **Jargon Group** on behalf of **RedCabin**

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Short List

APPLICANT NAME	CONCEPT
ACLA Studio coop. Boeing Encore Interiors	The Perch
ACLA Studio coop. Boeing Encore Interiors	Clear Cabin
ANVECSO DESIGN S.L.	CHAISE LONGUE
Delta Flight Products coop. PriestmanGoode, Flying Disabled & SWS Certification	Air 4 All
Diab group coop. Applus+ Rescoll & Akzo Nobel	Sustainable panel for cabin interior
Diehl Aviation	eSmart Lavatory
DOY Design coop. Sabeti Wain Aerospace, Impression Technologies, AIRA (Aircraft Interior Recycling Associates), Gen Phoenix & Gränges Konin	Ultra Slim Low Cabon Economy Seat
Expliseat SAS	Ti-seat 2
J&C Aero	Jump Seat Duo
Lantan coop. PriestmanGoode	Digital deep Dyeing Technology
LIFT Aero Design	PARADYM 2.0 Flexible Premium Economy Concept
OPTIMARES SpA	Sofab
Rosen Aviation coop. KiP Creating, SkyStyle & Vivid Audio	The PO-RT-AL
Safran coop. Devialet	Euphony
Savvidis, Charalambos	Smart Space 4 Passengers concept
SCHROTH Safety Products coop. TEAMS & Stuehmer Scholz	SCHROTH AirPR

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SleeperTech Pty Ltd	The Articulating Headrest
tangerine coop. LOT Polish Airlines & RECARO Aircraft Seating	LOT Airlines B787 Dreamliner Cabin Interior
Teledyne Controls	Teledyne ACES
Thales ODC	OnBoard Data Center
Unum Aircraft Seating coop. MGR Foamtex	Door 2.0 - The Zen Door