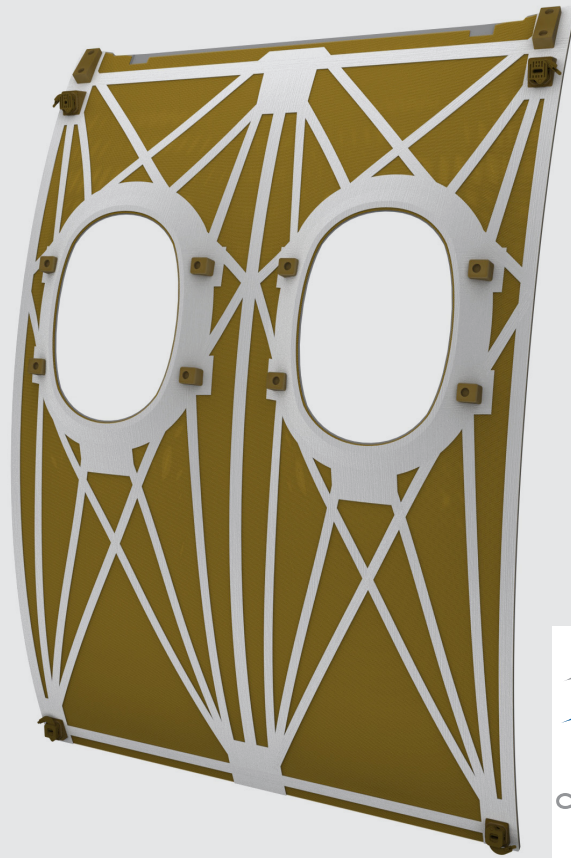


ECO SIDEWALL DEMONSTRATION OF INNOVATIVE SIDEWALL TOPICS



SUSTAINABLE FEATURES



WEIGHT
SAVING



CO₂
SAVING



WASTE
REDUCTION



BIO-BASED
MATERIAL

CHARACTERISTICS

The *ECO* Sidewall is the most eco-efficient, innovative sidewall concept. The *ECO* Sidewall is the first key element in applying new technologies to other products, paving the way for a whole new generation of eco-friendly cabin designs. By creating a sustainable cabin platform, Diehl Aviation enables the possibility of customized products and supports its customers in achieving their individual sustainability goals.

BENEFITS

- Reduced kerosene consumption due to lightweight design
- Reduces the number of CO₂-certificates required in the future
- Fair cost-benefit-ratio
- Perfect fit to current cabin interior and industrial design
- Sustainable cabin platform enables the possibility to customize the *ECO* Sidewall to meet individual sustainability goals (e.g. lightweight, recyclable...)

SUSTAINABLE FEATURES*



The *ECO* Sidewall saves 10% weight through lightweight materials and design.



The carbon footprint in production is reduced by 19%, and the carbon footprint during operation is also reduced through weight savings.**



Prepreg trim waste is reduced by 33% using new technologies and avoiding unnecessary material usage.



The *ECO* Sidewall uses 9% bio-based materials in order to lower the use of fossil resources.

Diehl Aviation aims to contribute to the industry's goal of achieving net-zero aviation by utilizing lightweight, recycled, or bio-based materials to optimize resource consumption and reduce CO₂ emissions. These initiatives are at the core of the ECO efficiency product range.

*More Infos about the Sustainability Features you can find here:
<https://www.diehl.com/aviation-highlights/en/eco-efficiency/>

** estimated for a current generation single aisle aircraft e.g. A321, operating on medium range missions, e.g. Paris-Istanbul, with an average operating hours of 3600 per year