

## **ECHO2 – SOGECCLAIR EQUIPMENT JOINS FORCES WITH AIRBUS ATLANTIC FOR DECARBONISED MOBILITY**

**TO BE DISCOVERED AT JEC 2024, STAND 6 Q100**

**> In partnership with Airbus Atlantic, SOGECCLAIR EQUIPMENT designs and manufactures a new generation of large thermoplastic composite access panel with a reduced environmental footprint.**

**> As part of the NextGeneration EU and France Relance plans, this project is funded by the DGAC and *the European Union*.**

**Blagnac, France, 04 March 2024,** SOGECCLAIR EQUIPMENT, a leader in high value-added thermoplastic composites, strengthens its commitment to developing innovative technological solutions to address the challenges of decarbonising the aerospace industry.

Through complex products and solutions, SOGECCLAIR EQUIPMENT takes on the challenge of weight reduction thanks to thermoplastic composite materials that enable lighter parts, and invests in numerous Research & Development (R&D) projects for the recycling and recovery of its production waste.

In addition, through innovative processes (stamping, waterjet cutting, induction welding, etc.) resulting from around ten years of R&D investment, the company is significantly accelerating its manufacturing process to meet high production rates.

### **SOGECCLAIR EQUIPMENT INNOVATES WITH A NEW GENERATION OF THERMOPLASTIC COMPOSITE ACCESS PANEL**

As a partner in the ECHOS 2 project (2021–2024) led by Airbus Atlantic and funded by the DGAC and *the European Union* as part of the NextGeneration EU and France Relance plans, SOGECCLAIR EQUIPMENT designs and manufactures a full-scale (1:1) demonstrator (0.8 x 0.6 x 0.23 m) of an optimised thermoplastic composite pilot access panel.

The objectives? Reduce the environmental impact of the panel by decreasing its weight by 30% compared to the current solution, as well as shortening the production cycle, while meeting future increases in aerospace production rates and facilitating the recycling of the part thanks to the unique thermoplastic resin used in its structure.

Together with Airbus Atlantic, which provided the part specifications, SOGECCLAIR EQUIPMENT also collaborated with COGIT for overmoulding and 3D printing of thermoplastic composites.

With this ECHOS 2 project and the complementary expertise of its teams (engineering, processes and manufacturing, eco-design, etc.), SOGECCLAIR EQUIPMENT confirms its ability to innovate and deliver ever more advanced technological solutions to its customers' challenges.

**PARTNERSHIPS:****AIRBUS****About SOGECCLAIR**

*A supplier of innovative, high value-added solutions for cleaner and safer mobility, SOGECCLAIR brings its high-quality engineering and manufacturing expertise to cutting-edge sectors: aeronautics, aerospace, automotive, rail and defence. Supporting its customers and partners from design and simulation through to end of product life, across the entire manufacturing chain and commissioning, its employees are based around the world in order to provide high-quality, local support to all its customers.*

*SOGECCLAIR is listed on Euronext Growth Paris – Euronext® Family Business Index – ISIN code: FR0000065864 (Reuters SCLR.PA – Bloomberg SOG.FP)*

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