

VILLEURBANNE (FRANCE)
10 avril 2024

MATERI'ACT introduces a sustainable car interior featuring Ocean Bound Plastics

MATERI'ACT, the sustainable materials subsidiary of the automotive supplier FORVIA, presents a concept car integrating instrument and door panels made with Ocean Bound Plastics (OBP). The pioneering concept car was exhibited for the first time during the FORVIA Sustainability Day in Paris at the end of March 2024.

This project was conceived as part of a solidarity partnership between the FORVIA Foundation and Plastic Odyssey – the NGO serving plastic emergency. It aims at supporting local communities to collect, clean, treat, and recycle OBP.

In January, MATERI'ACT revealed a vehicle door panel where black virgin materials were replaced by a deep blue engineered experimental compound made of plastic material collected by Plastic Odyssey on beaches, and oyster shells. As a demonstration of the large technical and design capabilities of this sustainable concept and at the occasion of FORVIA's Sustainability Day in March 2024, MATERI'ACT revealed a complete cockpit interior with four door panels and one instrument panel integrating OBP. The combination of OBP and biomass allows a 20% reduction in CO2 impact, opening the path towards MATERI'ACT's target of up to 85% CO2 reduction. With this lively exploratory phase of what MATERI'ACT may set up as a complete and sustainable material capitalizing on recycled materials, future limited series on serial vehicles can be imagined.

"This sustainable car interior, integrating ocean bound plastics, illustrates the capabilities of MATERI'ACT to valorize more complex but also more meaningful waste sources. It also serves as a testimony to our commitment to provide sustainable and meaningful products to automakers and end-users," **comments Rémi Daudin, President of MATERI'ACT.**

Eco-designed with values

Up to 20% of recycled OBP are integrated into a compound material of the *NAFLean Vision* range, standing for Natural Fillers for Lean and Visible design, the biobased fillers being, in this case, oyster shell particles. Decarbonization of plastics can indeed be maximized by

NATIONAL PRESS

FORVIA
Christophe MALBRANQUE
Influence Director
+33 (0) 6 21 96 23 53
christophe.malbranque@forvia.com

FORVIA
Iria MONTOUTO
Media Relations
+33 (0) 6 21 96 23 53
iria.montouto@forvia.com

LOCAL PRESS

MATERI'ACT
Audrey MABRU
Communications Manager
+33 (0) 6 22 87 88 32
audrey.mabru@forvia.com

MATERI'ACT
Marie ANJJAR
Communications Specialist
+33 (0) 6 26 86 42 48
marie.anjjar@forvia.com

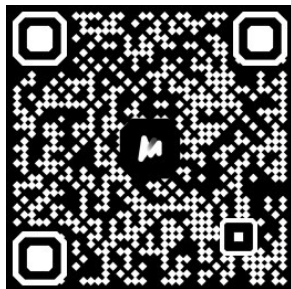
combining low carbon recycled plastics and renewable biobased fillers that could also sequester CO₂. The need for post-processing with paint or film in automotive applications is also reduced, further enhancing CO₂ footprint, recycling, and cost reduction.

OBP present therefore a potential source of recycled feedstock, supplementing other sources such as Post-Consumer Recycled (PCR), End of Life Vehicles (ELV), and Post-Industrial Recycled (PIR).

This also results in a range of visible sustainable materials that infinite design possibilities able to reflect the nature and origin of the feedstocks in a wide variety of colors, grains, and high-quality perceived textures.

This new achievement underscores MATERI'ACT's and FORVIA's ability to integrate recycled plastics from various origins into car interiors without compromising neither the stringent standards set by automakers in terms of performance and safety, nor the perceived quality expected by the consumers.

Discover more about NAFILean Vision integrating ocean bound plastics:



[ABOUT MATERI'ACT](#)

MATERI'ACT is a company of the FORVIA Group, the world's 7th largest technology leader in the automotive industry. MATERI'ACT develops, industrializes and markets unique, cutting-edge materials with a low CO₂ footprint. With solid expertise in the formulation and processing of recycled and biobased materials, MATERI'ACT develops recycled and biobased polymers and coatings, as well as low-CO₂ carbon fibers, primarily for the automotive industry. This is how MATERI'ACT works. www.materiact.com

[ABOUT FORVIA](#)

FORVIA, 7th global automotive technology supplier, comprises the complementary technology and industrial strengths of Faurecia and HELLA. With around 260 industrial sites and 78 R&D centers, over 150,000 people, including more than 15,000 R&D engineers across 40+ countries, FORVIA provides a unique and comprehensive approach to the automotive challenges of today and tomorrow. Composed of 6 business groups and a strong IP portfolio of over 13,000 patents, FORVIA is focused on becoming the preferred innovation and integration partner for OEMS worldwide. In 2023, the Group achieved a consolidated revenue of 27.25 billion euros. FORVIA SE is listed on the Euronext Paris market under the FRVIA mnemonic code and is a component of the CAC Next 20 and CAC SBT 1.5° indices. FORVIA aims to be a change maker committed to foreseeing and making the mobility transformation happen. www.forvia.com

