



The DEMGY Group presents its innovations & news at the Paris Air Show,
from June 19 to 25, 2023.

Hall 2B - Booth E64

Please do not hesitate to contact me to arrange an interview.

with a DEMGY Group spokesperson:

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Press release - Saint-Aubin-sur-Gaillon, June 6, 2023

DEMGY designs and manufactures high-performance plastic and composite solutions that are lighter than metal, to promote energy savings in carbon-intensive sectors such as aeronautics. The DEMGY Group will be present at Le Bourget to present its product innovations and news.

Presentation of the hybrid instrument panel concept patented by Airbus Atlantic as part of the Advanced Cockpit project.

As part of this main control panel substructure project, the DEMGY Group worked on the development, optimization and industrialization of a new hybrid thermoplastic structure concept proposed by Airbus Atlantic.



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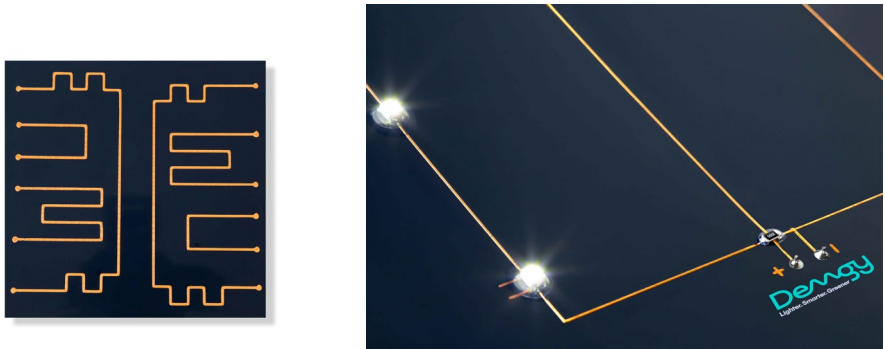
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DEMGY has created an innovative shape from a sheet of composite material by stamping, machining and over molding parts to assemble them into a single piece. This new development is proof of the Group's ability to combine technologies to produce a large, complex part made up of more than twenty components in different materials.

DEMGY & mastery of multiple Smart Plastic Product technologies, including selective metallization.

Smart Plastic Product is an innovative technology that adds significant value to parts, taking advantage of the integration of electronics to lighten them, integrate functions, miniaturize them, and increase their performance or reliability. Today, DEMGY masters multiple Smart Plastic Product technologies, including Laser Direct Structuring (LDS), bi-injection and In-Mold Electronica.

The Group offers its expertise in Smart Plastic Product to over 500 customers, ranging from simple design consultancy to intermediate development phases. For Airbus, for example, DEMGY used Laser Direct Structuring technology to carry out selective metallization of parts and laser ablation of certain parts of the metallization.



The Atelier DEMGY 3D develops functional aeronautical parts in small and medium production runs.

The DEMGY Group is the 1st European manufacturer equipped to produce functional parts and components in high-performance PEKK carbon polymers. The DEMGY 3D Workshop is equipped with the EOS P 810 laser sintering machine for EOS HT-23 material (based on PEKK Kepstan®, Arkema's extreme polymer, and reinforced with carbon fibers). With a design volume of 700 x 380 x 380 mm, EOS P 810 enables rapid production of high-performance polymer parts in series, directly from CAD data and without the need for tooling. These parts offer high strength at low weight, and withstand temperatures well more than 200°C.



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Examples of complex technical parts in PEKK Carbon Additive Manufacturing

All parts and components produced by the Atelier DEMGY 3D can be metallized to provide electrical continuity or electromagnetic shielding.

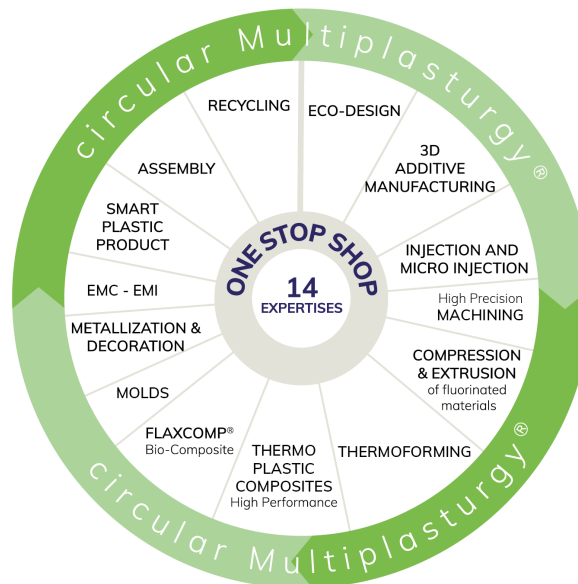


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Examples of metallized parts in carbon filled PEKK Additive Manufacturing

DEMGY Group has enhanced its unique *Multiplasturgy*[®] offering with new technologies, and now integrates circularity by becoming *circular Multiplasturgy*[®] - *cM*.

Drawing on the DEMGY Group's 14 areas of expertise, the Circular Multiplasturgy concept[®] incorporates an eco-design approach right from the design stage, enabling upstream management of end-of-life products and their recyclability.

The DEMGY Group's 2 R&D centers create innovative, customizable production processes to meet all demands for complex parts.



As a reminder, in June 2021, Dediene Multiplasturgy[®] Group became DEMGY Group.

"Our name change, and our values form a real foundation for the operational implementation of our Group strategy between now and 2025. A transformation strategy that we have christened TOGETHER, centered on the customer (internal and external), Industry 4.0 and CSR, with the aim of achieving profitable growth over the long term", explains Pierre-Jean Leduc.

The DEMGY Group's raison d'être is to contribute to the advent of a low-carbon society by designing and manufacturing plastic and composite solutions tailored to the needs of both industry and the public.

"At DEMGY, we are convinced that sustainable plastics and composites, designed and produced in a responsible and circular way, are a response to the climatic and societal challenges of the 21st century," adds Pierre-Jean Leduc.

About DEMGY:

Founded in 1947, DEMGY, an innovative plastics technology group, designs and manufactures high-performance plastic and composite solutions that are lighter than metal, to promote energy savings in sectors with a high carbon footprint.

In 2023, its Multiplasturgy[®] concept, a one-stop shop for its 14 areas of expertise, will become circular: circular Multiplasturgy[®]. A new cycle begins thanks to eco-design, which enables upstream management of production end-of-life and recyclability.

The Normandy-based Group has five sites in France, including its head office in St-Aubin-sur-Gaillon (27), two in Romania, one in the United States and 2 R&D centers.

In 2022, the DEMGY Group generated sales of 75 million euros, 7% of which was invested in R&D and capital expenditure. DEMGY employs 660 people.



DEMGY Group is a member of the Coq Vert community, a group of managers who are convinced of the need to act and who are already committed to the ecological and energy transition.



DEMGY is an ambassador member of the French Fab.

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