

MERSEN'S EXPERTISE AT THE HEART OF THE MICROCARB SATELLITE MONITORING CO₂ EMISSIONS

PARIS, APRIL 21, 2016 - Mersen (Euronext FR0000039620 – MRN), a global expert in electrical power and advanced materials, is announcing its contribution to the success of Airbus Defence and Space, which has been selected by the Centre National d'Etudes Spatiales (CNES, French space agency) to build the optical instrument for the MicroCarb satellite.

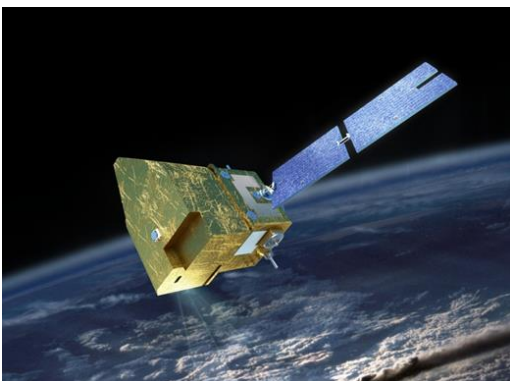
Mersen will supply the structure and mirrors for the optical instrument. Mersen's silicon carbide (SiC) will help to provide measurements to an exceptionally high degree of precision. SiC, a light, robust and stable ceramic that can withstand temperature changes, is an ideal choice for optical instruments because of the unmatched thermoelastic stability it provides.

This order worth close to €1 million is testimony to Mersen's proven expertise in advanced materials. The Group has supplied components for over 15 telescopes already in space.

About MicroCarb:

Presented during the COP21 Climate Conference, the MicroCarb satellite has been designed to map sources and sinks of CO₂, the most important greenhouse gas, on a global scale.

The optical instrument (spectrometer) designed and built by Airbus Defence and Space will analyze the solar radiation reflected by the Earth in the near infra-red spectrum. It can be used to measure and monitor trends in the atmospheric concentration of CO₂ to gain a better understanding of its role in climate change. It is scheduled for launch in 2020.



*Artist's view of the MicroCarb satellite in orbit
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ABOUT MERSEN

Global expert in electrical power and advanced materials, Mersen designs innovative solutions to address its clients' specific needs to enable them to optimize their manufacturing performance in sectors such as energy, electronics, transportation, chemicals & pharmaceuticals and process industries.

Mersen, with its 6,400 employees working across 35 countries, recorded sales of 772 million euros in 2015.

THE GROUP IS LISTED ON EURONEXT PARIS – COMPARTMENT B

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