

EUCLID'S FIRST IMAGES REVEALED THANKS TO MERSEN TECHNOLOGY

PARIS, DECEMBER 4, 2023 – Mersen (Euronext FR0000039620 – MRN), a global expert in electrical power and advanced materials, has made a key technological contribution to the European Space Agency's (ESA) Euclid mission, which has just delivered its first images after a successful launch in July.

Mersen Boostec joined the project in 2013, supplying mirrors and structural parts for the large silicon carbide (SiC) telescope to Airbus Defence and Space, the main developer of the payload module. Other major Euclid components, such as the structure of the Laboratoire d'Astrophysique de Marseille's NISP¹ instrument, were made by Mersen Boostec using SiC.

A lightweight, robust ceramic that is extremely stable over time, SiC is highly sought after in telescopes for its unparalleled thermomechanical properties, making it possible to capture very high-resolution images with exceptional precision.

Thanks to these unique properties, Mersen is also able to offer silicon carbide products for a wide range of other markets, including as the semiconductor industry, optical and scientific instrumentation, and pharmaceuticals.

Luc Themelin, Mersen's Chief Executive Officer, said: "We're very proud to see our technology contribute to gathering extremely precise images that will help us better understand our universe. I would like to thank Airbus Defence and Space for letting us be part of this technical and scientific mission to unlock the secrets of how the universe is expanding."



Euclid telescope © Airbus Defence and Space

Image of a spiral galaxy from Euclid © ESA

¹ Near Infrared Spectro Photometer

ABOUT MERSEN

Mersen is a **global expert in electrical power and advanced materials** for high-tech industries. With more than 50 industrial sites and 18 R&D centers in 34 countries around the world, Mersen develops **custom-built solutions** and delivers key products for clients in order to meet the new technological challenges shaping tomorrow's world. **For over 130 years, Mersen's teams have focused tirelessly on innovation** to accompany its clients and meet their needs. Be it in solar power, electronics, electric vehicles, aerospace or other sectors, wherever technology is progressing, you will always find a bit of Mersen. We work to constantly contribute to progress, striving daily to improve people's lives and protect the planet. This **corporate commitment** has been recognized by external rating agencies, Ecovadis (Gold Medal) and MSCI (AA rating).

The "Mersen IR" app, which is specially designed for investors, is available for both iOS and Android devices and can be downloaded from Apple's App Store or Google Play on your smartphone or tablet.

You can also scan the QR code below:



MERSEN IS PART OF THE SBF 120 INDEX (EURONEXT PARIS – COMPARTMENT B)

INVESTOR AND ANALYST CONTACT

Véronique Boca
Mersen
Tel.: +33 (0)1 46 91 54 40
Email: dri@mersen.com

MEDIA CONTACT

Guillaume Maujean/Alexia Gachet
Brunswick
Tel.: +33 (0)6 33 06 55 93
Email: mersen@brunswickgroup.com