

OUR DNA

"Innovation, Industrial solutions and a Vision for the future are the watchwords of the 270 employees of the Centre for Metallurgical Research. Since 1948, the CRM Group has been supporting its customers from the creation of ideas to the implementation of innovative solutions by responding to their industrial challenges, whether economic, societal or environmental."

JOERI NEUTJENS

CEO CRM GROUP

Courtesy of JCD

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**FROM ADVANCED
MANUFACTURING TO
SMART SOLUTIONS**

**APPLICATIONS FOR AERONAUTICS,
AEROSPACE AND DEFENSE**





OUR DEVELOPMENTS

MATERIAL SCIENCE & ADVANCED MANUFACTURING

Alloy development, implementation of multiple metal deposition technologies as laser cladding, cold and thermal spray, metal forming and assembly, assessment of mechanical properties and corrosion, hydrogen solutions & phase change materials



DIGITALIZATION & TWINS

Applied cases of virtual and mixed reality, implementation of AI, solutions for positioning and stealth, integration of digital twins



SUSTAINABLE SURFACES

Wet, dry and electrochemical finishing technologies and functional coatings, substitution of CrVI, localized surface modification and printed electronics



KEY BENEFITS

We offer a broad experience in metals & associated materials. We combine product, process & application approaches from lab scale over pilot lines to industrialization. We embrace multi-sectorial approach & cross-pollination in every project. You can count on our reliability, ability to adapt and exchange of expertise just as 45 other members & over 350 clients per year.

Our partners today

Herstal Group, John Cockerill Defense, Sonaca, Sabca, Safran Aero Boosters, BMT Aerospace, Thales, Browning

INNOVATION

By combining knowledge and assets in 5 technological platforms oriented towards advanced manufacturing, circularity, digitalisation, construction and energy shift, our innovations reach beyond the metal industry and have potential for almost any sector, including aeronautics, aerospace and defense. Guiding industrial partners to new solutions and new markets is the key driver of our innovation strategy for a better future.

