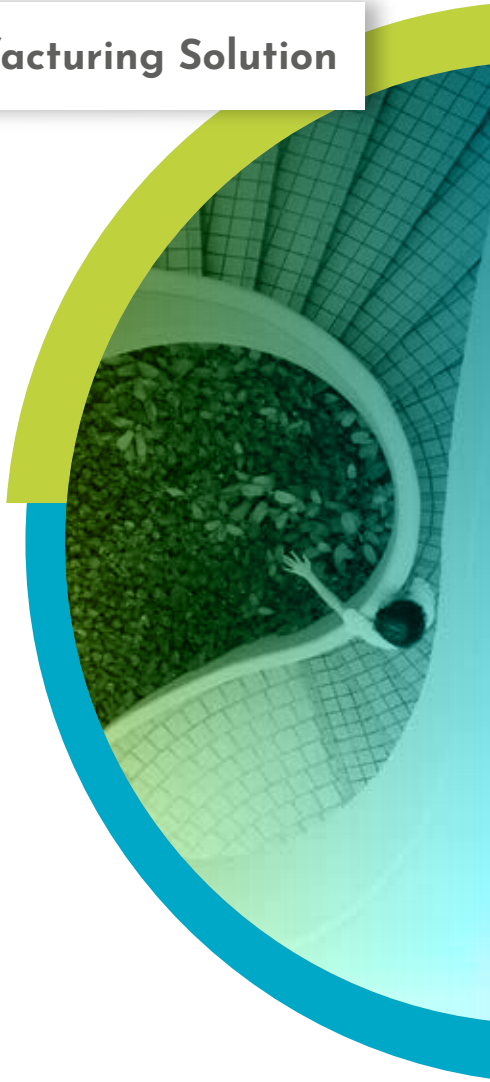
RESTORE

Sustainable Remanufacturing Solution



PROJECT GOAL

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RESTORE endeavors to revolutionize remanufacturing in the Circular Economy by introducing sustainable processes, materials, and digital tools. It addresses implementation challenges through advanced cladding tech, zero-waste materials, and a digital platform.

To enhance deposition rates, it combines laser DED and PTA. It focuses on eco-friendly wire feedstock and a decision support framework. **RESTORE** also develops digital tools like automation, ecoDESIGN, and a blockchain product passport, fostering sustainability in industry.

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OBJECTIVES

- **Emphasize** the development of sustainable cladding processes and consumables, underscoring a commitment to environmental stewardship and resource efficiency.
- **Seek** to leverage digital tools to enhance automation, fostering efficiency and precision in manufacturing operations.
- **Aime** to create a RESTORE platform dedicated to remanufacturing, reflecting a dedication to circular economy principles and the reduction of waste.
- **Focuse** on scaling innovative business models tailored specifically for remanufacturing, facilitating widespread adoption and impact.
- **Underscore** the importance of demonstrating the efficacy of the RESTORE remanufacturing technology solution and platform, showcasing tangible outcomes and paving the way for further advancements in sustainable manufacturing practices. Together, these strategic objectives form a cohesive framework for advancing sustainability, digitalization, and circular economy principles within the manufacturing industry.

SCAN ME

PARTNERS

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Fraunhofer SCAI intellegens IREPA LASER MSCScanning STELLANTIS Parida Consulting AB

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