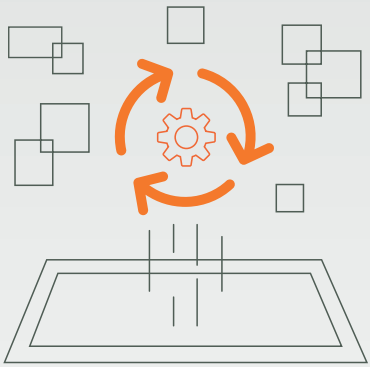
REMANET
IT REMAINS

The European Remanufacturing Network



EXPECTED OUTCOMES

A **Digital Platform** for standardised and easy production and remanufacturing including secure and reliable data flow and use at all levels.

Horizontal digital tools to match supply and demand including secure data exchange to share skills and knowledge.

Vertical digital tools for the integration of operational and process data with advanced tools for the monitoring, forecasting, and tracking of material as well as information flows and with state-of-the-art remanufacturing technologies.

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Call: HORIZON-CL4-2023-TWIN-TRANSITION-01
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USE CASES

Machinery (HTS DYNAMICS AS / BLM SPA / TALLERES WOLCO S.L): Remanufacturing of parts and consumables with circular loops, highlighting platform architecture and services involving multiple actors. Sub-cases: upgrading of moulds and dies, and restoration of cutting tools.

Electric motors (SPIN APPLICAZIONI MAGNETICHE S.R.L.): Presentation of digital tools, demonstration of knowledge formalisation tools, redesign of induction motors to variable reluctance motors.

Automotive (ZF FRIEDRICHSHAFEN AG): Advancing standards in planning, analysing and simulating circular value streams for remanufacturing, enabling companies to simulate and test improvements and new products.

Energy (SIEMENS ENERGY GLOBAL GMBH & CO. KG): Contributing to decarbonisation, promoting the Hydrogen Interlocking Value Chain™, requiring high-efficiency turbo-compressors and retrofits, remanufacturing natural gas compressors for hydrogen compression.

CONSORTIUM

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