



## Welcome to our 1st NEWSLETTER!

Welcome to the inaugural edition of our newsletter, the first of many to come throughout the course of our project. You can expect to receive updates every six months, keeping you informed about project activities, meetings, and key results.

We deeply appreciate your support and are excited to share our journey and progress with you.

The RENÉE EU funded project team!



## Our Vision

Mounting environmental concerns have highlighted the crisis in traditional manufacturing, leading to increased product waste and resource depletion. The EU-funded RENÉE project is addressing this by shifting towards **circular value chains** with a focus on **remanufacturing**.

### Key Objectives and Holistic Approach of RENÉE:

- Human-Centric Production Systems
- Workforce Upskilling/Reskilling
- Circular Value Chains Configuration Toolbox
- Digital Infrastructure for Remanufacturing Management
- Robot Skills & Flexible Production Modules

RENEE's comprehensive approach will be validated in four pilot sectors: household appliances (refrigerators), robotics, and mobility (electrical motors and bikes). Through these efforts, RENEE aims to transform the EU industry into a beacon of sustainable and efficient remanufacturing.

# Use Cases



**Remanufacturing of Electrical Motors**

**EMOTORS**

**RENÉE**  
Funded by the European Union

**Flexible Remanufacturing Using AI and Advanced Robotics for Circular Value Chains in EU Industry - RENÉE**

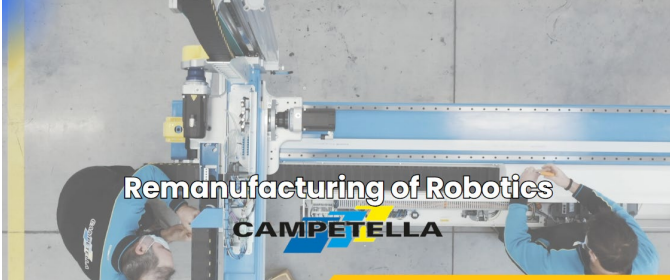


**Remanufacturing of Refrigerators**

**Arcelik**

**RENÉE**  
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**Flexible Remanufacturing Using AI and Advanced Robotics for Circular Value Chains in EU Industry - RENÉE**



**Remanufacturing of Robotics**

**CAMPETELLA**

**RENÉE**  
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**Flexible Remanufacturing Using AI and Advanced Robotics for Circular Value Chains in EU Industry - RENÉE**



**Remanufacturing of bicycles**

**DECATHLON**

**RENÉE**  
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**Flexible Remanufacturing Using AI and Advanced Robotics for Circular Value Chains in EU Industry - RENÉE**

# End User Visits & 1<sup>st</sup> General Assembly

The first of a series of meetings and factory visits took place on March 15<sup>th</sup>, 2024. **CAMPETELLA ROBOTIC CENTER** hosted the event.



The second round of meetings and factory visits took place on April 2nd-3rd, 2024. **ARÇELİK TÜRKİYE** hosted two events: one at the Refrigerator Factory in Eskişehir and another at the Washing Machine Factory in Istanbul.



The third round of meetings and factory visits took place on April 16th, 2024. **EMOTORS** hosted the events at the Trémery-Metz manufacturing facilities.



The fourth round of meetings and factory visits as well as the General Assembly for the RENÉE EU Project, took place on May 29-30, 2024. **DECATHLON** hosted the events at its facilities in Basiano and Moncalieri and **COMAU** hosted the 1st General Assembly Meeting.



## Highlight Event

**RENÉE** joins [EFFRA - The Manufacturing Partnership Day 2024](#) created in collaboration with the European Commission, to promote **remanufacturing** in Europe, even though it is still in its early stage!



**Visit our Website for more details**

[Website](#)

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