

Briefly

KYKLOS 4.0 Platform provides Circular Manufacturing capabilities in the form of software, hardware, and methodological services to support the whole production process, enabling:

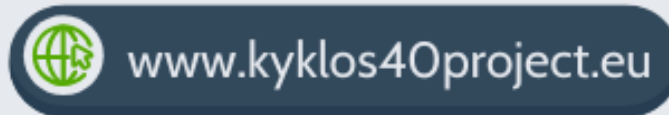
- Increased energy efficiency
- Decreased use of raw materials
- Customer-centricity
- On-demand manufacture



Open Calls

KYKLOS 4.0 provided €2 million of direct financial support via 2 Open Calls. Within the KYKLOS 4.0 Open Call #1 and #2, 24 projects were selected to carry out manufacturing experiments using the services and technologies from the KYKLOS 4.0 project

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The KYKLOS 4.0 project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No. 872570



KYKLOS 4.0



An Advanced Circular and Agile Manufacturing Ecosystem for Smart Design and Product Lifecycle Management

Solutions & Services



Benefits

- Offer low-cost and easy-to-use tools and data platforms
- Support production, post-production and assembly phases
- Identify processes not performing optimally and recommend further improvements
- Enable continuous monitoring of the Circular Manufacturing implementation
- Enable early reaction and improvement of the Circular Economy related metrics
- Accelerate businesses' digital and circular transition through Open Calls

Pilots

The project demonstrates the transformative effects that Circular Production System (CPS), Product Life Management (PLM), Life Cycle Analysis (LCA), Augmented Reality (AR) and Artificial Intelligence (AI) technologies and methodologies will have to the Circular Manufacturing framework

Who we are

The KYKLOS 4.0 consortium is a group of European organizations with complementary expertise.

The partners bring together a unique combination of technical-business skills and expertise necessary to form an effective and compact consortium

