

COROB Project announces successful completion of 1st Open Call and selects innovative beneficiaries

The COROB project is excited to announce the successful conclusion of its 1st Open Call, a significant step towards revolutionising arc welding-based manufacturing processes. This initiative, which ran from April 8th, 2024, to July 8th, 2024, aimed to integrate and test cutting-edge solutions that enhance the efficiency and flexibility of these processes. By employing a cooperative multi-robot system, powered by advanced inspection, monitoring, control, and AI techniques, COROB is paving the way for a new era in manufacturing.

About the Open Call 1

The Open Call attracted a diverse range of applicants, all vying for a share of the impressive **EUR 2,000,000** in funding, with the goal of selecting up to 15 ground-breaking solutions. The Call was structured around **two distinct Funding Instruments**, each designed to address specific aspects of the project's objectives:

- **1st Funding Instrument: "Solutions to challenges"**: This instrument focused on funding up to 10 technology providers tasked with developing technical solutions to specific challenges within the project's use cases. The aim was to integrate and validate these solutions within the COROB framework. Each selected entity under this instrument was eligible for up to EUR 150,000 in funding.
- **2nd Funding Instrument: "Experiments for Enabling technologies for digital services"**: This instrument targeted up to 5 technology providers, seeking innovative digital services applicable to the project's use case areas and interoperable with the COROB data acquisition platform. The funding limit for each selected entity under this instrument was up to EUR 100,000.

The successful completion of the COROB project's 1st Open Call marks an exciting first chapter in our journey towards revolutionising arc welding-based manufacturing. Running from April to July 2024, this initiative has identified and selected a group of highly innovative technology and digital service providers who are now setting the stage with technical solutions poised for integration and validation within our project's real-world use cases. From ground-breaking approaches in advanced robotics to out-of-the-box additive manufacturing solutions (and the innovative digital services we've highlighted), these beneficiaries are turning bold ideas into impactful results that promise to enhance the efficiency and flexibility of cooperative multi-robot welding systems.



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