

Project co-funded by the European Regional Development Fund

PR FESR TOSCANA 2021 – 2027, ACTION 1.1.4

Call for proposals no. 1 "Strategic Research and Development Projects"

Executive Decree no. 27716 of 29/12/2023 and subsequent amendments and additions.

CIVIS-TRIA

CIVIS TRIA - Echography Probes Vita Cycle: Environmental Impact Reduction Technologies

The CIVIS TRIA project aims to revolutionise the life cycle of ultrasound probes, with the goal of significantly reducing environmental impact and increasing production efficiency. At the heart of the initiative is the development of innovative technologies to optimise industrial processes, reduce production waste, limit the use of critical materials and promote the reuse of components.

The project aims at the adoption of advanced solutions such as digital platforms for the control of production processes, the use of sustainable and biocompatible materials, the introduction of protective barriers against chemical agents and the design of easily repairable components.

Thanks to the collaboration between companies, universities and research centres, CIVIS TRIA aims to make the production of ultrasound probes more

sustainable, reducing special waste, improving the quality of the end product and strengthening the company's competitiveness with a view to a circular economy and technological innovation.



Duration: 12/06/2024 – 09/05/2026

CUP: ST 27716.29122023.042000111

Eligible investment: € 2.042.321,50

Approved grant: € 712.823,98