

## “BILGAI” KICKS OFF: GPI BRINGS AI INTO THE BLOOD SUPPLY CHAIN

Trento, 3 December 2025

Regione Lombardia has approved co-funding for BILGAI (Blood Innovative Logistic, Government and AI system), a Research and Development project led by **Tesi**, a company of the Gpi Group. The initiative aims to digitally redesign the management and governance of the blood supply chain through artificial intelligence (AI), sensor technologies and advanced traceability systems.

Developed under the FESR 2021–2027 “Collabora & Innova” funding call programme, the project brings together Antares Vision Group, Komete and CSMT — organisations combining their industrial and scientific expertise to develop a platform that advances the traceability and monitoring technologies currently in use.

The platform will introduce predictive-analysis tools based on AI and machine learning to anticipate demand for blood components, optimise logistical routes and simulate alternative scenarios to predict the impact of different operational choices. For example, the system will be able to predict peaks in the demand for specific blood groups.

From a technological standpoint, the project deploys advanced solutions including IoT (Internet of Things) sensors for continuous monitoring of blood bags, geo-referenced dashboards for stock management, and the adoption of international standards to ensure interoperability and replicability. **These innovations can deliver tangible benefits in terms of efficiency and continuity of care, considering that in Italy the system comprises 1.7 million donors, 2.8 million transfusions per year and 639,000 patients.**

With a two-year duration and a total investment of around €4 million — €2.37 million of which is funded by Regione Lombardia — BILGAI marks a significant step forward in the application of artificial intelligence to healthcare. For Tesi, it represents an opportunity to strengthen a growth path that successfully combines technological innovation with an industrial vision.

## GPI GROUP

Gpi's mission is to make the healthcare systems sustainable through their digitisation, so that everyone can receive high-quality care.

**Sustainability and social impact** are the guiding principles and play a crucial role in the strategic and investment assessments of the Group, aware that the solutions and services provided to the community have an impact on the quality of life of individuals.

For over 35 years, driven by a patient-centric vision, Gpi has been working to support healthcare systems by providing the skills and innovative tools necessary to improve prevention and treatment processes. This is achieved through the strategic use of advanced software, technologies, and cutting-edge services.

The Group's strategy is designed to meet the evolving requirements of the constantly changing healthcare sector and to facilitate entry into international markets.

The unwavering commitment of its 7,600 employees and a customer base of more than 9,000 across 70 countries, yielded € 510 million in revenue, an EBITDA of € 105 million in 2024.

**Gpi S.p.A.** is listed on the Euronext Tech Leaders segment of Borsa Italiana, the Italian stock exchange.

ISIN ordinary shares: IT0005221517

This press release is also available at [www.gpigroup.com](http://www.gpigroup.com) and [www.1info.it](http://www.1info.it)

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