How could we enhance the calculation of the ore grade in the shortest possible time to achieve more robust control of this value, optimizing production management?

Challenge organisation

SITECH is a **company of the Ferreycorp group**. We specialize in the integration of technologies to create solutions that extract data from our clients' operations and convert it into valuable information for decision-making in safety and productivity.

Full description

Mineral concentration measurements after the blasting stage are important for planning, production control and management of all mining processing going forward. However, mining units do not have this information when starting loading and hauling.

If they had accurate ore quality data, they could better schedule their shifts and establish real ore production goals at the end of the process.

Today this data is obtained 3 or 15 days after loading and hauling has begun, being post-mortem data.

What we are looking for

We are looking for a partner with the capacity to implement and co-design technological solutions in Latin America and with the potential to expand to other markets who have been in operation for at least 24 months.

We are interested in business solutions more than pure technologies in a state of maturity of TRL 7 or higher. However, we are open to innovative solutions with a lower level of maturity.

We seek long-term business partners to continue co-building solutions and jointly solve customer requirements with new business models.

What we offer

Enter the Latin American mining market, through new business models. We seek to formalize a strategic alliance for scaling, with the option of representation and/or investment in the co-created/co-designed solution. We are part of the Ferreycorp Group, with 100 years in Latin America.

Other

Opportunity area	Smart production

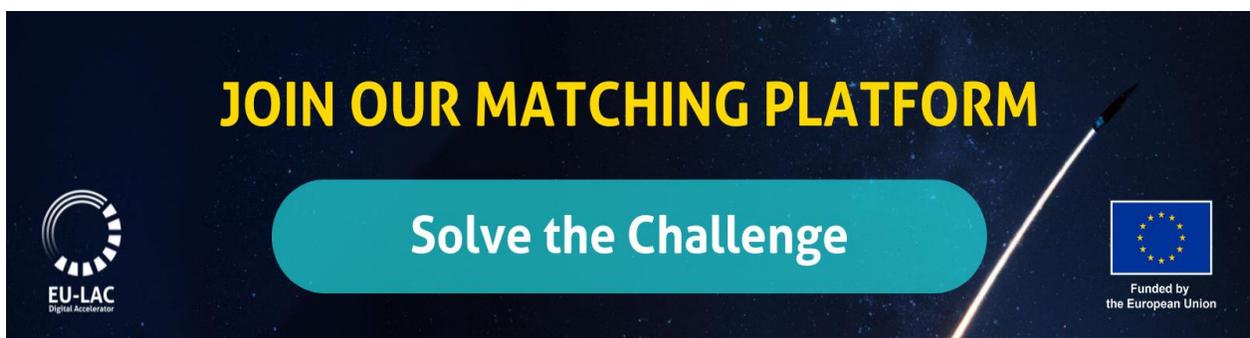| Looking for partners in	Europe; Caribbean
Specific Areas	Mining
Technologies	Big Data Analytics; IoT; Modelling & Digital Twin; Artificial Intelligence; Machine Learning

This is a challenge identified by the EU-LAC Digital Accelerator team in the frame of the Call for Challenges. The mission is to connect challenges from corporates with solutions from startups to boost digital transformation in Europe, Latin America and the Caribbean. If you are interested to learn more about us, visit our website.

If you are a startup with a digital solution willing to explore collaboration opportunities with this corporate, **join our matching platform** and let the open innovation game start!

If you are called by this challenge but have questions, do not hesitate to contact us.

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