Language Models for Information Extraction and Retrieval from RFPs – MERLIN.

PROJECT DESCRIPTION - ZL-2025/00008

Requests for Proposal (RFPs) are complex and fundamental documents for awarding major projects, but their manual analysis consumes significant resources and is prone to errors due to the diversity of formats, specialized technical terminology, and predominance of English. Tubacex Tubos Inoxidables (TTI) has identified this challenge as an opportunity to innovate through MERLIN, a project that applies large language models (LLMs) and advanced artificial intelligence technologies to digitize and optimize the extraction and retrieval of critical information in RFPs from the energy and mobility sectors.

MERLIN aims to develop an advanced tool capable of processing various formats, including tables and images, adapting language models to handle the specific technical, legal, and industrial terminology of RFPs. The project will address significant technological challenges, such as improving the accuracy of information extraction and retrieval and adapting to the structural variability of these documents.

With this innovative solution, TTI intends to optimize its commercial and technical processes, reduce costs, minimize errors, and consolidate its leadership in the market through the pioneering application of artificial intelligence for the automated management of requests for proposals.

CONSORTIUM

Coordinator:

- TUBACEX TUBOS INOXIDABLES

Agent of the Basque Network of Science, Technology and Innovation (RVCTI):

- TUBACEX INNOVACIÓN
- VICOMTECH

A project supported by the European Union and the Basque Government

The project has received funding from the Basque Government and the European Union through the European Regional Development Fund 2021–2027 (ERDF).

- Total budget: €194,894
- Duration: 2024 – 2026

Europar Batasunak kofinantzatua

Cofinanciado por la Union Europea

TTI TUBACEX GROUP

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