

PLEC DE PRESCRIPCIONS TÈCNIQUES

PROCEDIMENT OBERT

Contracte núm. CONTR-100/2024

**SERVEIS PER A LA CREACIÓ D'UNA PLATAFORMA DE TRADUCCIÓ
AUTOMÀTICA NEURONAL (NMT) AMB FINALITATS DIDÀCTIQUES**



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la Unión Europea**

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General description of the project

The LT-LIDER project (Language and Translation: Literacy in Digital Environments and Resources) is a project funded under the KA220-HED - Cooperation Partnerships in Higher Education programme (ref. 2023-1-ES01-KA220-HED-000161531). It is coordinated by the Universitat Autònoma de Barcelona. The consortium is made up of the following partners: Dublin City University, Cologne University of Technology, University of Vienna, Université Grenoble Alpes, Universidad del País Vasco, Rijksuniversiteit Groningen. One of the outputs of the project, and the subject of this Call for Tenders, will be a new free and open source didactic platform on digital and MT literacy. The platform will be available for download on the most popular open source software sites (such as Github) and will be developed according to the requirements defined by the consortium. It will include features related to digital and MT literacy and data curation.

The aim of the project is to develop an open source application focused on teaching translation technologies, in order to learn the key elements for training, using and evaluating automated translation systems and managing the data required. The use that can be made of the engine training service for a variety of profiles includes

- The development of an on-line MT training platform based on a standard and updated MT framework with a method of authenticating users.
- The definition of a range of different user profiles with access to different sets of features and privileges (beginners, experts, researchers and administrators).
- The inclusion of training features such as the following
 - o Limiting the time to train, allowing continuous training linked to one of the expert users.
 - o Limiting the training corpus dimension and connecting to external training repositories.
 - o Allowing the adjustment and fine-tuning of parameters from default values.
- The inclusion of translation features such as the following:
 - o Using engines only within the application.
 - o A Translation and Post-Editing interface.
- The inclusion of all the relevant metrics for the automatic evaluation of MT, as well as a system for the comparison of translations produced by different MT systems.
- The possibility to download and upload additional pre-trained engines.
- The possibility of connecting the system to external programs or platforms for the editing of translations.