

TILDE is looking for partnership opportunities in HORIZON project calls.

TILDE is a leading European language technology company, that focuses its research and development activities on multilingual data processing technologies such as custom machine translation, knowledge and data management, processing of written and spoken language, and multimodal conversational interfaces. TILDE has extensive experience coordinating and managing large-scale European research and development projects co-financed by the European Commission. TILDE's profile in EU-funded projects varies from a content provider to a research partner and a project coordinator. Tilde experience and projects can be found here: <https://www.tilde.com/research/projects>

We believe that our experience in language technologies is useful for achieving the goals of the calls where data processing is involved. Machine translation, automatic speech recognition and natural language understanding technologies can be used to process unstructured data in both written and spoken language, and to extract meaning and insights from such data.

Another aspect where we could contribute is data analytics and visualization. Frequently, information from analytics cannot be accessed by people who need it, as analytics can be queried only through limited, pre-built user interfaces or by writing queries in specialized query languages. Thus, for a user without in-depth technical knowledge full access to the data is impossible. Typical users who could benefit from analytics in decision-making include non-IT researchers, journalists, business and marketing people, entrepreneurs, etc. Currently, there is no easy solution. The most typical solution involves asking the IT specialists for help, trying to load data in Excel, or using graphical query building tools. We are interested in looking for solutions that would open the analytics to people without in-depth technical knowledge by implementing smart virtual assistants/chatbots that build queries in a conversation between the user and the virtual assistant. Such interactive and intuitive virtual assistants allow the users to describe their needs through a dialog where the users can provide more details, specify parameters if needed, and the virtual assistant can help the users by asking questions and guiding them.

If you see a lack of natural language processing skills in your project, or if you need a partner to help open the new possibilities of multilingual data processing, as well as you have need for multilingual communication in different modalities (virtual assistants, speech processing), we would love to work with you.

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