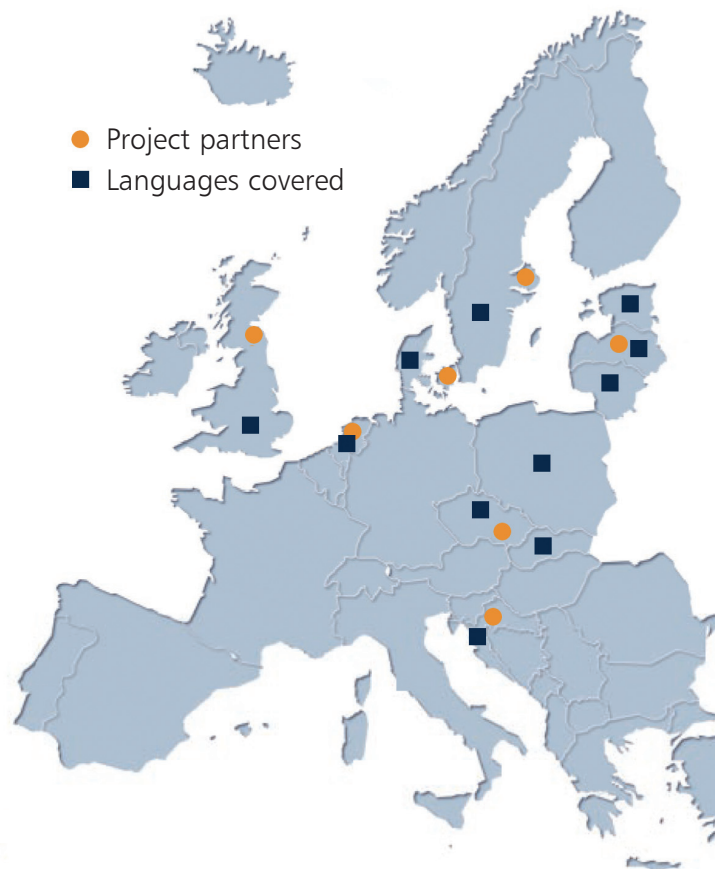## Let's MT!

Platform for Online Sharing of Training Data and Building User Tailored Machine Translation

- ● Project partners
- ■ Languages covered

A true cross-European project providing services that are inclusive and universal, but at the same time focusing specifically on a number of European languages that currently lack MT services of professional quality: Latvian, Lithuanian, Estonian, Czech, Slovak, Polish, Croatian, Danish, Dutch, and Swedish. The initial collection of corpora will focus on parallel texts in these languages and English, as well as other feasible combinations.

www.letsmt.eu

Let's MT!

Project partners

TILDE: Tilde SIA, Riga, Latvia

UEDIN: University of Edinburgh, The Human Communication Research Centre (HCRC), Edinburgh, UK

FFZG: University of Zagreb, Faculty of Humanities and Social Sciences, Department/Institute of Linguistics, Zagreb, Croatia

UCPH: University of Copenhagen, Centre for Language Technology, Copenhagen, Denmark

UUP: Uppsala University, Department of Linguistics and Philology, Uppsala, Sweden

SEM: Zoorobotics BV, Alphen a/d Rijn, Netherlands
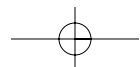
MOR: Moravia, Brno, Czech Republic

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ICTPSP
ICT POLICY SUPPORT PROGRAMME

META-NET

Let's MT!

AROUND THE WORLD!

Let's MT!

Platform for Online Sharing of Training Data and Building User Tailored Machine Translation

Main project objective

The core objective of the LetsMT! project is to provide **innovative online MT services** through sharing of parallel corpora provided by users, with emphasis on less-covered languages and specialized domains.

Proposed services/solutions

Current MT systems are mainly built on the data accessible on the web, but this is just a fraction of all available parallel texts. Most of them still reside in the local systems of different corporations, public and private institutions, and on the desktops of individual users. Also, building custom MT solutions is a costly process that requires a lot of technical expertise; the results are proprietary and are typically not shared outside the organization that has invested in building a custom MT solution.

To fully exploit the huge potential of existing open MT technologies we have built an innovative **online collaborative platform for data sharing and MT building**. This platform is capable of holding public or user provided MT training data and generating multiple MT systems by combining this data.

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Target users

The **LetsMT! project** provides MT solutions for European citizens and businesses allowing more efficient usage of multilingual content. The **LetsMT! platform** targets actors in:

- **localisation & translation industry** – facilities for training of MT systems on their data and generating custom MT solutions to be used by localisation service providers as well as their clients;
- **users of business and financial news** – free and instant MT services, with an emphasis on less-covered languages;
- **holders of language resources** – easily building of MT services using their specific parallel data.

Results

LetsMT! services have reached the following results:

- **full version** of the translation services online;
- **widget** for free inclusion in a web-page to provide its translation using LetsMT! services;
- **browser plug-in** for Internet Explorer and Mozilla Firefox for using LetsMT! services;
- **application** for mobile devices using LetsMT! services;
- **integration** of services in web pages;
- **integration** of services in computer aided translation software.

Technology

The core of the LetsMT! platform is the Moses SMT toolkit and Giza++. These are publicly available open source tools that are well known and widely used in statistical machine translation. The system also uses existing publicly available parallel corpora such as JRC-Acquis, Europarl, OPUS and it will allow users to upload and build parallel corpora using system incorporated aligners. This service will enable professional users to generate and employ customized MT services of higher quality based on the specific terminology and style required by their clients.
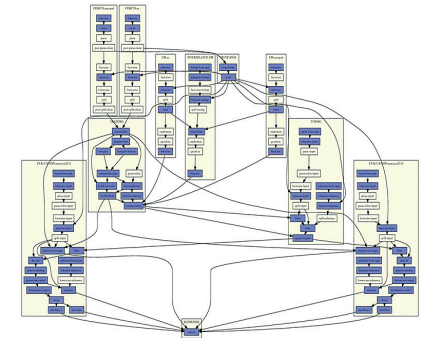
Application scenarios

LetsMT! has elaborated two application scenarios, providing a detailed service concept for applications:

- **localization and translation** industry;
- **free online translation** of business and financial news.

LetsMT! Leaflet 2012-05

LetsMT! results will also be available through

META≡SHARE