

now live on



WELCOME!

6TH ELRC CONFERENCE

31 March 2022 via Zoom



Think big. For Europe's multilingual future.

A stylized city skyline in shades of blue and grey, featuring various buildings and a windmill. Overlaid on the skyline is a network of white and blue circles connected by thin lines, representing a digital or linguistic network.

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Welcome & Introduction

Andrea Lösch, ELRC Project Manager (DFKI)

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Why Language Data? Why ELRC?

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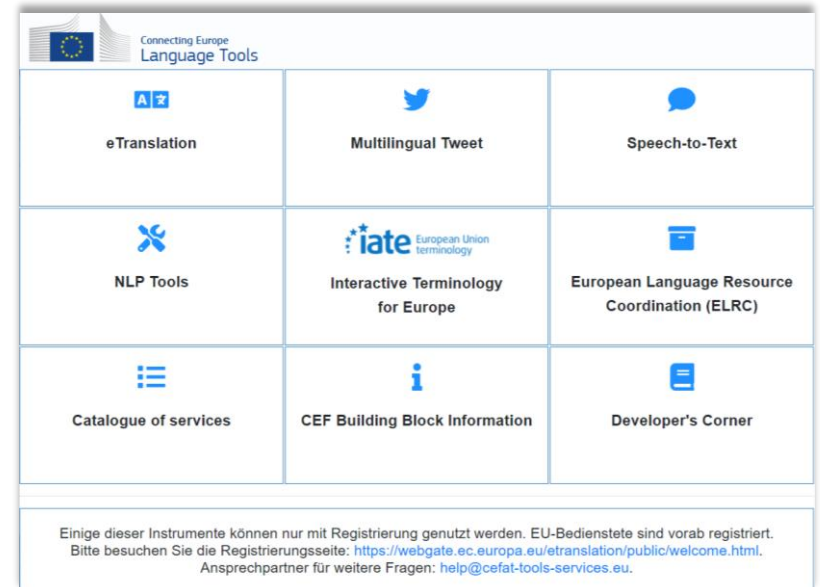
Why is language data so important?










- Language Technologies are a key market in and for Europe
- Language data is the key for developing Language Technologies
- Slator 2021 Data-for-AI Market Report



ELRC supports the development of LT

- CEF eTranslation:
 - Neural machine translation tool provided by the European Commission (EC) to all EU bodies but also public services and public administrations across Europe
 - for 24 official languages of the EU (24 <-> 24), Chinese, Russian, Turkish, Ukrainian etc.
 - Secure & scalable
 - Facts and figures:
 - 250+ applications connected to eTranslation
 - More than 18.000 registered users end of 2021
 - More than 240 Mio. pages translated
 - Additional services provided by the EC:
 - Multilingual tweets
 - Speech-to-text
 - Anonymisation etc.
- ➔ <https://language-tools.ec.europa.eu/>



Connecting Europe Language Tools		
 eTranslation	 Multilingual Tweet	 Speech-to-Text
 NLP Tools	 Interactive Terminology for Europe	 European Language Resource Coordination (ELRC)
 Catalogue of services	 CEF Building Block Information	 Developer's Corner

Einige dieser Instrumente können nur mit Registrierung genutzt werden. EU-Bedienstete sind vorab registriert.
Bitte besuchen Sie die Registrierungsseite: <https://webgate.ec.europa.eu/etranslation/public/welcome.html>.
Ansprechpartner für weitere Fragen: help@cefai-tools-services.eu.

ELRC Objectives at a glance

Identify

The needs of public services wrt MT/LT

Engage

With the public sector in the identification of relevant language resources

Collect

Language resources

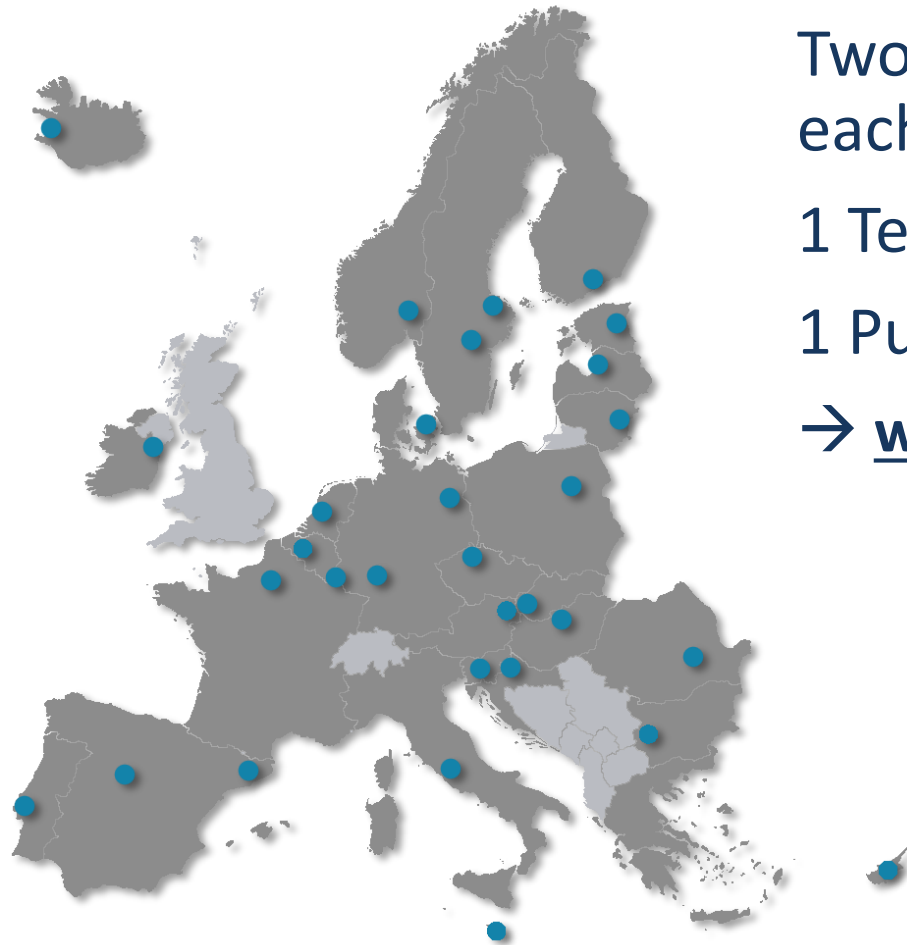
Help

With any technical or legal issues

Act

Observatory for language resources across Europe

ELRC network of National Anchor Points



Two National Anchor Points (NAP) in each Country:

1 Technology National Anchor Point

1 Public Services National Anchor Point

→ www.lr-coordination.eu/anchor-points



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6th ELRC Conference Programme

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AGENDA

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09:30 – 09:45 **Welcome by EC** (*Philippe Gelin, Head of Sector Multilingualism, European Commission*)

09:45 – 10:00 **Welcome and Introduction** (*Andrea Lösch, ELRC Project Manager, German Research Centre for Artificial Intelligence*)

10:00 – 11:00 **INSIDE ELRC AND DIGITAL EUROPE**

10:00 – 10:20 **ELRC Update** (*Andrea Lösch, ELRC Project Manager, German Research Centre for Artificial Intelligence*)

10:20 – 10:40 **ELRC White Paper: Language data sharing & language-centric Artificial Intelligence** (*Eileen Marra, ELRC Communication Manager, German Research Centre for Artificial Intelligence*)

10:40 – 11:00 **Quo vadis? The European Language Data Space** (*Philippe Gelin, Head of Sector Multilingualism, European Commission*)

11:00 – 11:10 **Coffee Break**

11:10 – 12:10 **SPOTLIGHT: LARGE LANGUAGE MODELS FOR EUROPE**

11:10 – 11:30 **Why Europe needs large language models. An economic perspective** (*Jörg Bienert, Chairman of the German Federal Association for AI*)

11:30 – 11:50 **Possibilities and Limitations of Large Language Models: PAGnol, VLM-4 and Muse** (*Igor Carron, CEO, LightOn*)

11:50 – 12:10 **AI Sweden: Language Models for Swedish Authorities** (*Magnus Sahlgren, Head of strategic initiative on NLU, AI Sweden*)

12:10 – 12:30 **DISCOURSE: Language Technologies for fighting disinformation** (*Nikos Sarris, Senior Researcher, Centre for Research & Technologies Hellas – Maria Bielikova, Director-General, Kempelen Institute of Intelligent Technologies*)

12:30 – 12:45 **Wrap-up and Outlook** (*Andrea Lösch, ELRC Project Manager, German Research Centre for Artificial Intelligence*)

12:45 – 13:30 **Lunch Break**

13:30 – 14:30 **SPOTLIGHT: MULTIMODAL LANGUAGE DATA**

13:30 – 13:50 **Behind the Scenes: Multimodal Data Analysis** (*Suzanne Little, Associate Professor, Dublin City University*)

13:50 – 14:10 **Multimodal Data in the Medical Domain** (*Alexandra König, Neuropsychologist, INRIA*)

14:10 – 14:30 **Multi3Generation: Multimodal Data for Natural Language Generation** (*Anabela Barreiro, Researcher, Chair COST Action Multi3Generation*)

14:30 – 15:15 **BRIDGING THE LANGUAGE GAP: LT SOLUTIONS FOR EUROPE**

14:30 – 14:45 **EMBEDDIA: AI Technology for the Media Industry** (*Senja Pollak, EMBEDDIA Coordinator, Jozef Stefan Institute*)

14:45 – 15:00 **Microservices at your service** (*Sebastian Andersson, Solution Architect, Lingsoft Oy*)

15:00 – 15:15 **ENRICH4ALL** (*Dimitra Anastasiou, Researcher, Luxembourg Institute of Science and Technology*)

15:15 – 15:30 **Summary and Conclusions** (*Andrea Lösch, ELRC Project Manager, German Research Centre for Artificial Intelligence*)



Practical hints for today

Please

- Keep your cameras and microphones switched off unless you are presenting/speaking
- Submit your question(s) to the chat
- During discussion rounds, you may also use the “Raise Hand” button to ask questions
- Participate in the live polls and surveys

Thank you!



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Thank you!

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