



CITIZENS' LANGUAGE

LIVE SPEECH-TO-TEXT AND MACHINE TRANSLATION TOOL FOR 24 LANGUAGES

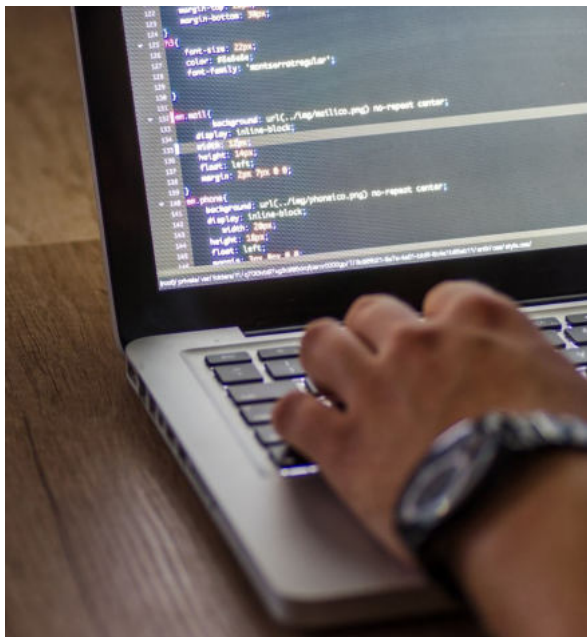
An Innovation Partnership

Speech-to-Text Unit
Directorate for Citizens' Language
Directorate-General for Translation



European Parliament

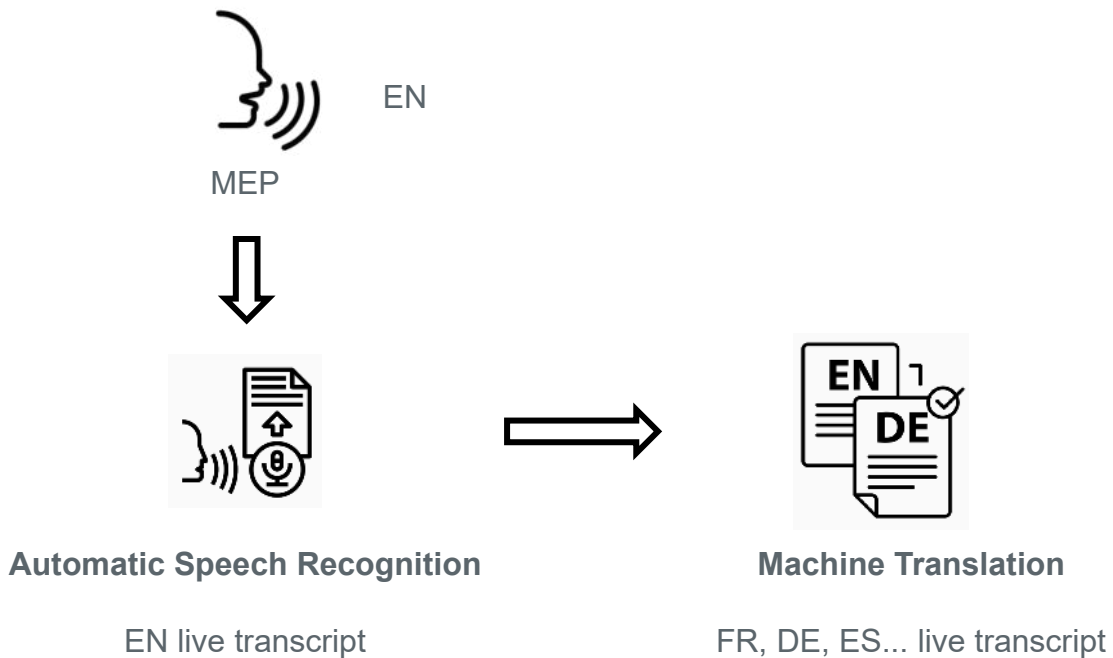
- DG TRAD
- Directorate for Citizens' Language
- Created in mid-2020
- Small team: 7 members of staff + 2 trainees



- Oversee the ‘**Live Speech-to-Text and Machine Translation tool in 24 Languages**’ project
- **Keep up-to-date** with language-related technology developments
- Explore opportunities for **application of S2T technology** in the European Parliament
- Liaison with linguistic, IT and event services

- Live Speech-to-Text and Machine Translation tool in the 24 EU languages
- Applied to European Parliament **plenary sessions**
- **Accessibility** for deaf and hard-of-hearing audience





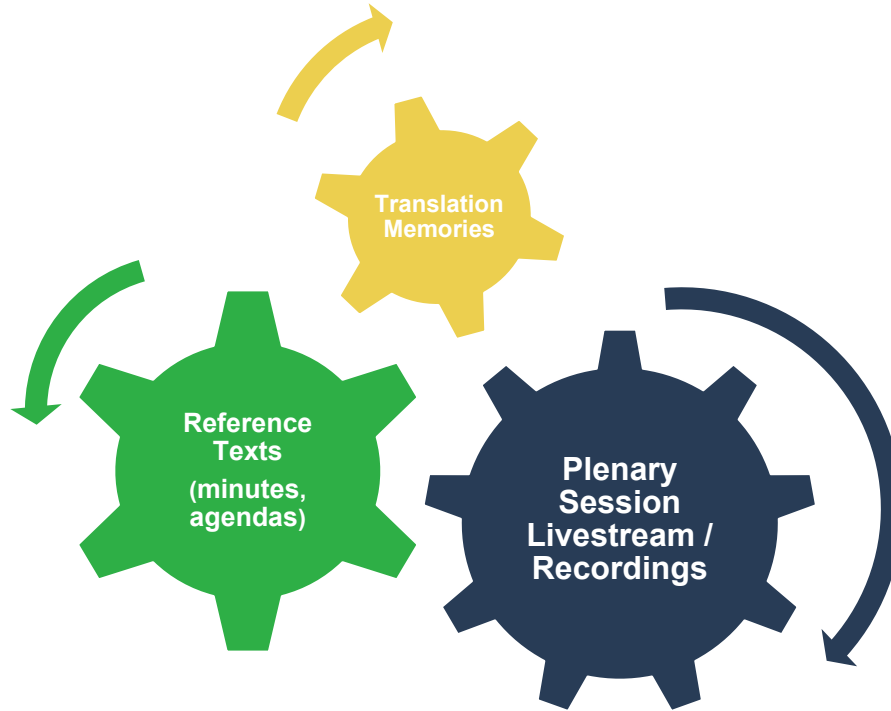
Automatic Speech
Recognition
+ Language
Identification

Machine Learning and
human-machine
interaction

Machine Translation

Multi-Device User
Interface







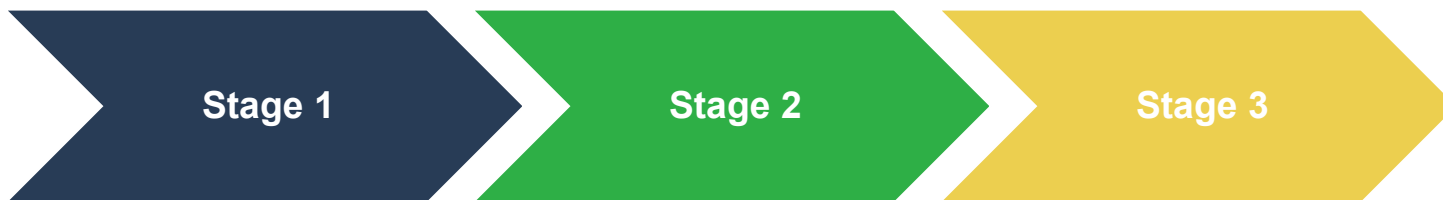
- **Development / research partnership** between the EP and private-sector companies
- 3 companies started in July 2020 (**Stage 1**)
- 1 selected company will continue until 2023 (**Stage 2 and 3**)

LSTT PROJECT - TIMEFRAME

Start:
September 2020

Selection of
one candidate

Expected Completion:
End of 2023



10 languages:

EN, FR, DE, ES, IT,
PL, EL, RO, NL, PT

+9 languages:

BG, CS, FI, HR, HU,
LT, SK, SL, SV

+5 languages =
full coverage

DA, ET, GA, LV, MT

THANK YOU!