# Translation and language tools

## DGT's technological milestones

Data management | Technological power | Sophisticated output

### From paper to data

(pre-1995)

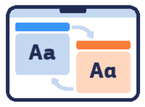
Data management

Language data stored on paper (e.g. glossaries)

Technological power

Rule-based machine translation (1976-1998)

### Data coming together




1995

Data management

**Euramis** database centralises storage and reuse of translations across EU institutions

Early 2010s

Technological power

Phrase-based statistical machine translation (MT@EC)

### Neural shift

2015

Data management

**European Language Resource Coordination** pools data across all EU official languages

### High-performance AI

2023

Data management

European Language Data Space (beta) for exchanging public- and private-sector resources

2021

Sophisticated output

Speech-to-text launched

2020

Sophisticated output

**Anonymisation** and **Multilingual Post** launched

### New services

2017

Sophisticated output

eTranslation launched

2017

Technological power

Neural machine translation introduced

### The large language model (LLM) era

2024

Technological power

Supercomputers help train and optimise AI models (with EuroHPC Joint Undertaking)

Sophisticated output

**eSummary** launched

Sophisticated output

**eBriefing, eReply** First tools using an LLM launched

Sophisticated output

New glossary feature in **eTranslation**

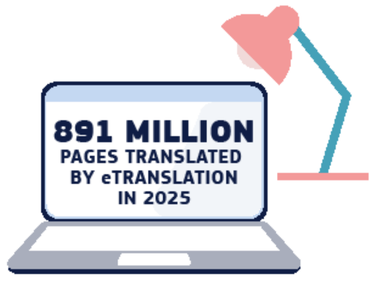
### Coming soon

Tec

EU institutional LLM with good coverage of all EU official languages, including those with fewer speakers and less linguistic data

Sophisticated ou

**eReporting** launched




### Moving forward

2025

Sophisticated output

New AI enhancement in **Translation** – dramatic ements in translation quality

Sophisticated output

**WebText** and **Accessible Text** launched