# Language Technologies

Language technology is one of the fastest growing sectors in the world.

These technologies have reduced language barriers by opening up information that would have been unavailable 10 years ago because it was in a different language. Now more and more apps and websites are offering instant translation of text at the push of a button.

Such technology is an integral part of the translation profession. Nowadays most translators work in a fully computerised environment, creating, re-using and curating linguistic resources that are all digital. To do so, they use a range of tools to extract terminology, find previous translations ('memories') of similar texts, and generate automated translations they can then polish up to the required output standard.

But language technology goes beyond the realm of translation; it's about using computers to do useful things with human language, whether in spoken or written form, and covers a whole range of activities, including:

- speech recognition

- information mining

- data management and curating linguistic data

- dubbing and subtitling

Almost every major international IT company is pursuing developments in this field. And employers are looking for candidates with related skills, in software design and development. Working with language technology often requires broad knowledge not only of linguistics but also IT.

See how the EU is helping this sector.

Translation