## **Priority Research Theme 1: Translation Cloud**

Written (twitter, blog, article, newspaper, text with/without metadata etc.) or spoken input (spontaneous spoken language, video/audio, multiple speakers) Modular combination of analysis, transfer and generation models

From very fast but lower quality to slower but very high quality (including instant quality upgrades) Exploiting strong monolingual analysis and generation methods and resources

Extending translation with semantic data and linked open data

## Services and Technologies:

- Automatic translation and interpretation
- Language checking
- Post-editing
- Workbenches for creative translations
- Novel translation and authoring workflows

- Quality assurance
- Computer-supported human translation
- Multilingual content production and text authoring
- Trusted service centre (privacy, confidentiality, security of source data)

Multiple target formats

Domain, task and genre specialisation models

## **Applications:**

- Crosslingual communication, translation and search
- Real-time subtitling, voice-over generation and translating speech from live events
- · Mobile interactive interpretation
- Multilingual content production (media, web, technical, legal documents)
- Showcases: translingual spaces for ambient translation

Any device Target groups: European citizen, language professional, organisations, companies, European institutions, software applications

Multiple target formats

Single access point