

LT Innovations for the Enterprise

- **LT is essential enabler for the integration of multi-lingual online markets**
- Online, supply and demand become unstructured text objects
- Key technologies: Document understanding, Semantic search + matching

- **In the Job Market:**
Organizations compete increasingly to attract and retain skilled talent. This causes huge changes in traditional HR

- **LT allows:**
 - **Removing barriers for applicants and recruiters**
 - **Easy active employee sourcing from the world wide pool of talent**
 - **Ease access to knowledge: expert matching and expertise mapping**
 - **Increasing use of competitive labor market analytics**

Barriers to Innovation for LT in Europe

- **Multi-lingual product development costs**
 - Start with 1 x innovation cost,
 - add 20+ x language knowledge development cost
 - *needs recognition by R&D tax incentives, focus from investors*
 - *for SME's in Europe a formidable barrier to fast roll out*
- **Skills shortage**
 - Western/Northern Europe
 - Engineering, Computer Science, Software developers, Language Technology:
 - *Invest massively in Technical Education + R&D!*
 - *More encouragement labor mobility (internal and external to EU)*