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# EASTIN-CL

## Project Overview

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Crosslingual and multimedial Search in a Portal for Support of Assisted Living

Partners:



Version 2010-03



## The challenge: e-Inclusion

- Participation and full citizenship, also called **e-Inclusion**, is one of the prominent goals of the community
  - „Assistive technologies play an increasingly central role in equalising opportunities for people with disabilities in all aspects of life“. (EC study, 2003)
- The number of people with disabilities, in an ageing society, will increase from now 11% to 17% in 2020
- EASTIN-CL will support e-Inclusion by lowering language related access barriers



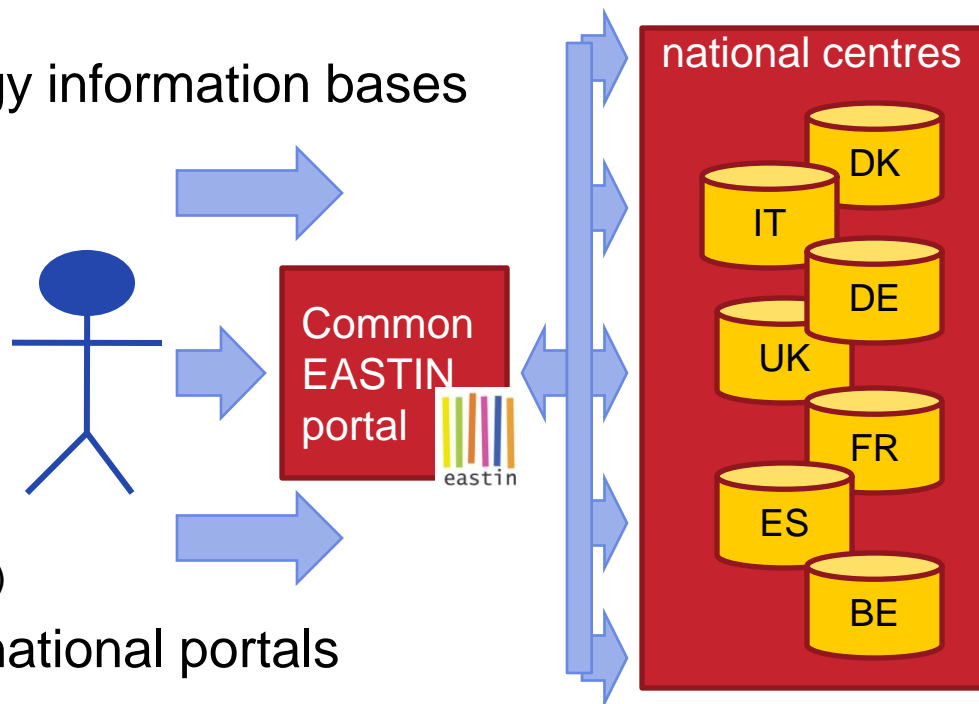
# Assistive information support today

- National centers

- hosting assistive technology information bases
- mainly for professionals

- European portal

- European Assistive Technology Information Network (EASTIN)
- common portal ([www.eastin.eu](http://www.eastin.eu))
- distribution of requests to national portals



- Access to assistive information via

- EASTIN portal
- national portals



## EASTIN-CL objective

- Provide **better access** to assistive information
  - by supporting end users / non-experts
    - *Better query support / dialogue*
  - by supporting non-native speakers
    - *Translation support for queries and answers*
  - by offering additional communication channels
    - *Speech input and output*

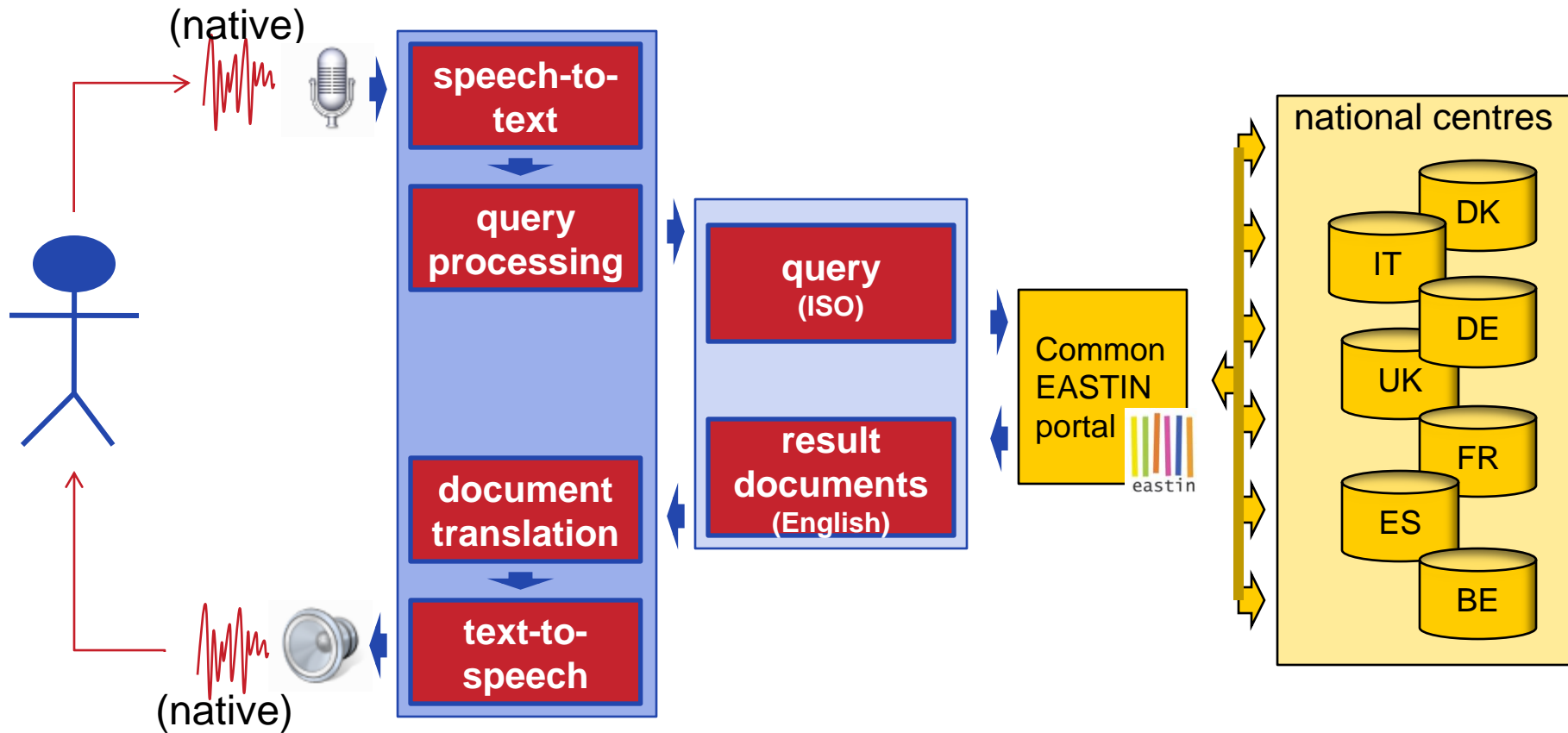
accessibility

multilinguality

multimodality



# EASTIN-CL target system





## Project Result

- EASTIN-CL system

- Better access to information on assistive technology, by offering all the language support components
  - *extended Web Portal for EASTIN,*
  - *better access to national portals*
- multilingual terminology of assistive domain

**online lookup**

- Sustainability

- Language technology components  
as part of the EASTIN portals
- Further use and support by EASTIN Assoc.



# Workplan

1 Specification

Implementation

Language Resources

2 multilingual terminology

Technical & Software

3 query processing

4 document retranslation

5 speech interaction

6 Integration, Test, Evaluation

7 Dissemination

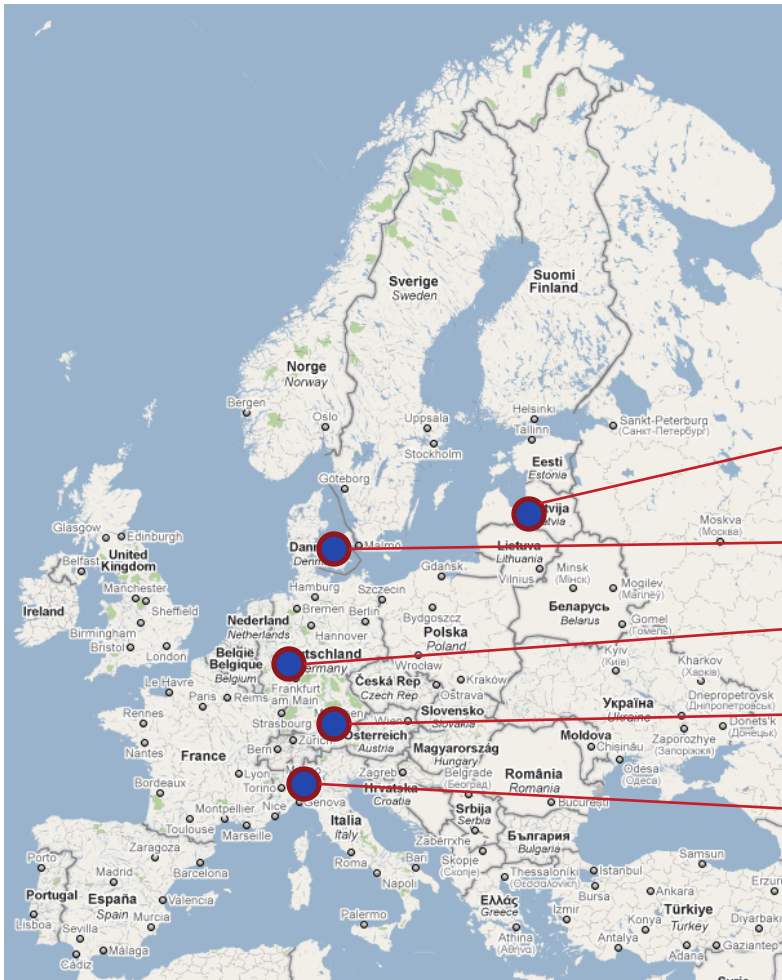
8 Management



# EASTIN Partners

- Language Technology
  - Linatec GmbH (Munich)
    - *coordinator*
  - Tilde SIA (Riga)

- Domain Expertise
  - Institut der deutschen Wirtschaft Köln / Rehadat (Köln)
  - Fondazione Don Gnocchi Onlus / SIVA (Milano)
  - Hjælpe midde linstitut tet (Taastrup)





## EASTIN-CL project setup

- EC co-funded research project
  - ICT Policy Support Programme (PSP)
  - Call 2009-5: Multilingual Web Content Management
- Basic data
  - Duration: 27 months
    - *March 2010 to June 2012*
  - Volume: ~ 2 m€
  - Languages supported by at least one component:
    - *Danish, English, Estonian, German, Italian, Latvian, Lithuanian*



Thank you for your patience

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