

# ICON PITCH:

iMinds 16/12/2010

**iRead+ - an intelligent e-reader application**  
**Itec – KULeuven Campus Kortrijk**

# Who are we?

- Itec – KULeuven Campus Kortrijk
- MMLab – Ugent
- SMIT – VUB
- CUO – KULeuven
  
- BLCC
- Televic Education
- DHE Media
  
- Mediargus
- Roularta
- Agfa
- VRT

# Context and Need

- The open web contains a huge amount of possibly useful, up to date and relevant data for learning and information retrieval in general.
  - Initial and actual data provided by publisher/ language institute/ user
  - Classification of data and user
  - Data enrichment to facilitate reading
  - Harvesting similar and interesting data from open, trusted or closed corpora
  
- ... in a learning context
  - Provide learning support
  - Automatically generate questions
  - Virtual tutor

# Research Goals

- Data collection
  - Harvesting relevant or similar data in closed and open corpora
  - Multimodal Information Retrieval
- Data classification
  - Readability, Difficulty level, Domain Topic
- Data enrichment
  - Using Learner's profile
  - Social tagging, glosses, hyperlinks, multimedia annotations, dictionary, captions, subtitles, ...
- Effectivity studies
  - E-Reader vs Tablet, adaptive vs non-adaptive, support vs...
- Adaptive learning support
  - Exercise generator, virtual tutor, pedagogic agents

## Looking for...

- Extra data providers : publishers, ...
- Software developers for tablet pc applications