

# META-FORUM

Session on

Plans for LT research and innovation in Member States and Regions

National plans and international connections and synergies

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Brussels, June 21st, 2012

# Overview of LT R&D projects in France

- Funding mainly comes from 3 agencies
  - DGA (part of the Ministry of Defense)
  - OSEO (agency under the Ministry of Industry)
  - ANR (agency under the Ministry of Research)
- Team of experts dedicated to LT at DGA (~5 persons)
- Cooperation between agencies, for example
  - DGA-ANR challenge on multimedia person recognition
  - DGA participates to the coordination of the major program funded by OSEO (Quaero)

# DGA projects

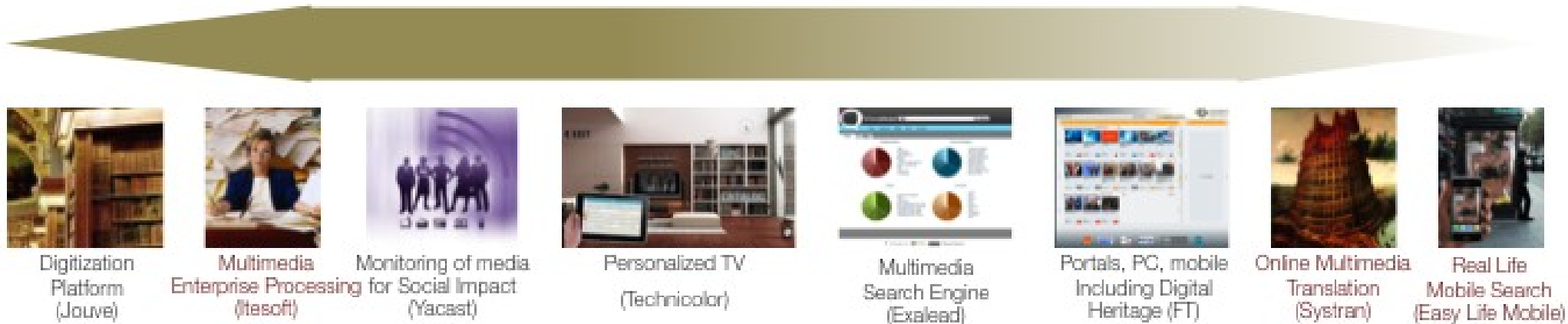
- Cover speech, translation, natural language, scanned documents
- Include all necessary components in addition to the R&D work
  - Data production
  - Tools for data production (e.g., Transcriber)
  - Evaluation (first organized internally, now by LNE)
- Main instrument is procurement
  - Also some subvention (managed jointly with the Ministry of Industry for Innovation and by ANR for Research)

# Quaero

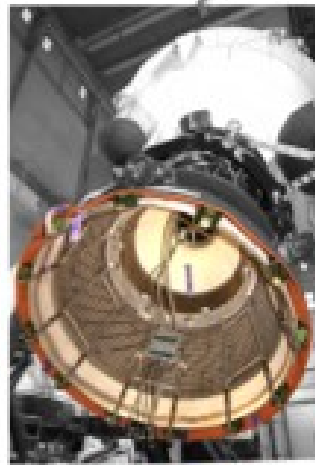
- An integrated large program (~100 M€ funding from OSEO)
- Covering the whole spectrum of multimedia and multilingual processing (LT accounts for ~1/3 of the program)
- Connecting multiple application demonstrators with multiple core technologies (cf. next slide)
- Including significant evaluation and corpus efforts for each core technology
- Over a long period (2008-2013) with yearly evaluations
- Involving ~30 public and private French and German partners (~400 persons involved)

Content Providers

Consumers



Generic Technologies



Core Technologies Cluster (CTC)  
(LIMSI-CNRS)



Real data



Corpus  
(RWTH)

Annotated data

# CHIST-ERA

*European Coordinated Research on Long-term Challenges in Information and Communication Sciences & Technologies ERA-Net*

- An ERA-NET in the domain of ICT
- Supported by the EU FET program
- Launching a call for projects on two topics every year
  - 2010: Beyond autonomic systems, the Challenge of Consciousness & Quantum Information
  - 2011: **From Data to New Knowledge** & Green ICT, Toward zero power ICT
  - 2012: **Intelligent User Interfaces** & User-driven Context- and Content-aware Communication Networks
- Currently involving 13 countries (9-10 for each given topic)
  - Open to new members
- Submission, selection and follow-up
- 10 projects selected in each of the first 2 calls
  - Average funding per project is ~1 M€

# REPERE

*RE*connaissance de *PER*sonnes dans des *E*missions audio-visuelles

- A challenge on Multimodal person recognition in TV broadcast
- With evaluation campaigns in 2013 and 2014
  - Protocols validated through a dry-run in 2012
- Jointly organized by DGA and ANR
  - DGA funds the corpus and evaluation (procurement)
  - ANR funds the research and development (grants)

# Some lessons learned

- Technology evaluation is critical for
  - Steering research in the labs
  - Evaluating proposals, managing projects
  - Building on previous results, sharing work in cooperation
- Technology evaluation require strong support
  - Dedicated public structure
  - Procurement helps
- Integrating efforts into large programs helps
  - To bring together efforts for a given technology
  - To connect them with applications
  - To deal with transversal aspects