CHORUS
FP6 CA on Audio-Visual Search Engines
Plans & Progress

Nozha BOUJEMAA

INRIA
CHORUS Objectives

In the field of Audio-Visual Search Engines:

- Bridge the gap between *researchers view* (industry and academia) and the *new services* and applications *prospective* for every day life needs
- Identify and derive *critical issues* and common technological aspects that need a *multi-disciplinary* approach, including socio-economic and legal aspects
- Define a list of *cross-technology* critical issues in view of the ‘search engine” area
- Interaction with *standardisation* activities
- Outcome: *roadmap and synthesis* including these multidisciplinary aspects, in coordination with the Think-Tank
WG1: Audio-visual content indexing and retrieval technologies

WG2: Evaluation, benchmarking and standards

WG3: Mobility, P2P, Heterogeneity

WG4: Socio-economic and legal aspects

WG5: User interaction and group behavior

WG6: Use-Cases and New services
WG's – Time line

1- Establish up-to-date State-Of-the Art in the field (M12)

2- Identify key issues to address + gap analysis (M24)

3- Establish multi technological view - roadmaps and recommendation as synthesis (M30)

- AVSE Technology
- Benchmark & Eval
- Mobility
- SE/L aspects
- User Interaction
- Use-cases and N Serv.
Events in support to WGs activities

Establishing SOA: 1st year events

- Several workshops, panels have been organized/planned inline with WGs topics, within AVSE community (academia and industry), Call6 projects (AVSE) and National Initiatives:
  - Luxembourg Workshop (call6 projects just launched)
  - Rocquencourt workshop on “Uses cases and New-services”
  - Evaluation and Benchmarking workshop (Rocquencourt)
  - Panel (CBMI’07, Bordeaux), Panel (Wiamis’07, Santorini)
  - Practitioner Day (ACM CIVR’07, Amsterdam),
  - National Initiatives Event (Geneva),
  - Metadata Workshop (Munich),
Industry Vision to consolidate Gap Analysis, Think-Tank

Action Plan to Vision Doc

TT-1: First exchange of views ➔ SoA

TT-2: Use case typology (from view point of service requirements of network operators, MMSE service vendors and professional users - mobile operators, content creators, archive services, MMSE manufactures, etc. – incl. success criteria from the user point of view)

TT-3: The new services

TT-4: Matching use case typologies, intended services and technologies

TT-5: How are the players concerned by the developed technologies

TT-x: …..

Ongoing development of vision doc & gap analysis (WG work)

Input from WG1/WG5/WG6

Input from WGx
Summary

- 1st year achievements => Synthesis
  - Current use-cases and evaluation campaign
  - Current technological investigations and achievements
  - Socio-E/Legal aspects

- What’s next: with the help of the Think-Tank?
  - Brainstorm on news services?
  - What are the future challenges and needed innovations?
  - Where are the gaps?
  - How to bridge these gaps (roadmap)?
Thank you

http://www.ist-chorus.org/