

(1) Use cases and scenarios for large-scale experimentation

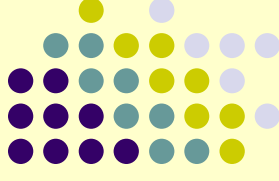
- Platform for interactive rich media solutions, e.g. interactive TV broadcasts, social networking content on TV, other rich media internet content on TV, social networking entertainment, education channel.
- Cloud computing - application services and enabling great flexibility and mobility for end users.
- Supporting common enablers –
 - development of core platform concepts, especially semantics;
 - recommendation systems with graphic data representation
- Smart Energy Grid –
 - control of Energy usage through a communication network.



(2-3) almost all identified functionalities are important, relevance depends on application task

(4) new services and applications

- development of core platform concept, especially semantics and recommendation systems, based on ontology and OWL/RDF platform. IMCS UL implemented pilot application for medical data and it is used by practitioners of medicine and researchers. Results are presented in international conferences.
- development of tools for government, state institutions and industry:
 - framing of ontology methodology and data models for concept presentation and reasoning in jurisprudence, medicine and bioinformatics;
 - graphical tools for reasoning presentation and analysis, detection of logical contradictions and errors;
 - development of methodological materials.



(5) Main players, their competencies , potential role in FI-PPP

• Introducers

- Institute of Mathematics and Computer Science of University of Latvia- research and education - NREN, RI, Cloud computing, GRID;
- Lattelecom (private telecom operator) - test beds for new services;
- Other SME via ICT Industry professional associations LIKTA, LTA.

Demand of FI: objectives, identified application fields

- Government, state institutions – ontology and formal models for state registries, data management, state institutions functionality, data integrity, governance, e-services
- health institutions, courts -innovative public services;
- Research and education – new services for e-science;
- ICT business companies - rich media services.

