

The EUROPEAN FUTURE INTERNET INITIATIVE (PPP- Public Private Partnership)

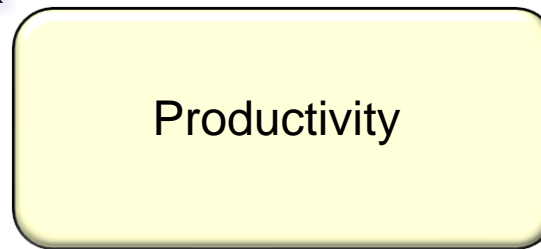
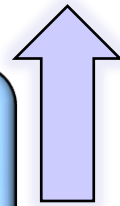
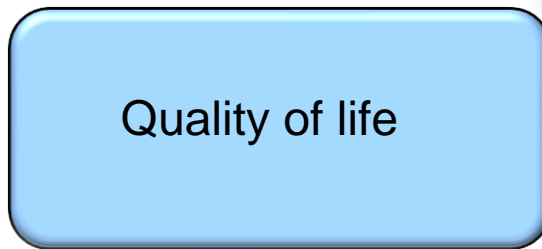


Internet is now an essential part of our society...

- Future Internet is conceived as the future telecommunication network: global, ubiquitous, accessible, sustainable, omni-media, scalable, adaptable, and personalized that creates a borderless global communication system, allowing the interaction of people around the world.
- Internet must be the place where services, contents, things and even the network evolve to **around citizens and workers**. Internet will pervade every aspect of the life of individuals (*social relations, work, leisure, economical activities, life at home etc.*).
- Tomorrow the Internet will be the birth place of a **renewed economy** characterized by a wave of massively distributed creativity where individuals can bring a vast array of new applications to the market place

Then, Internet must face main societal challenges...

Increase

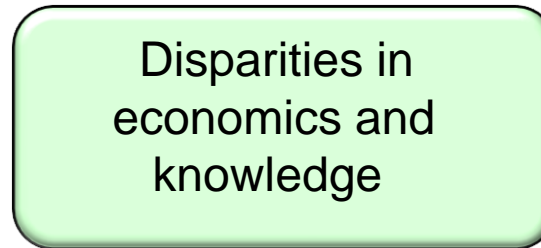
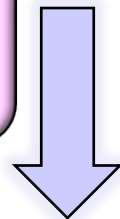
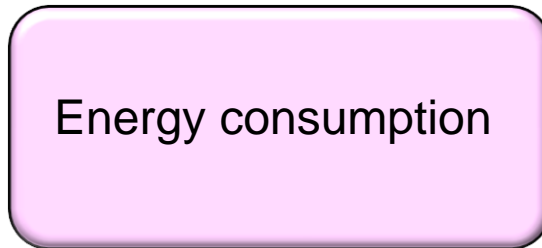


- eHealth
- Ageing Well
- Entertainment
- Social relations
- e-Tourism
- e-Inclusion

- Competitiveness in SMEs
- Smart Design
- Intelligent Manufacturing
- Logistics and traceability
- e-Government

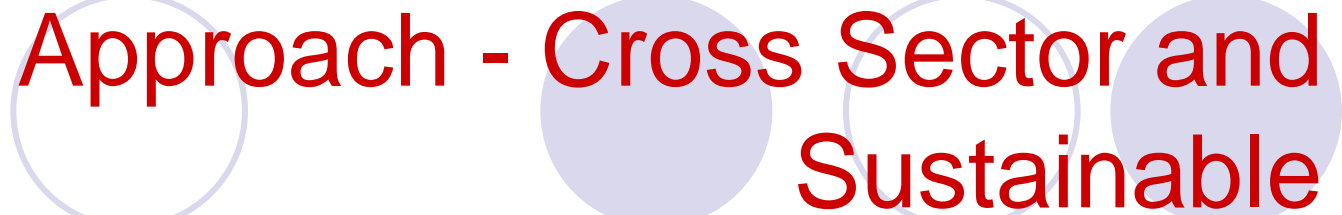


Decrease



- Smart Electricity
- Smart Cities
- Intelligent Transport

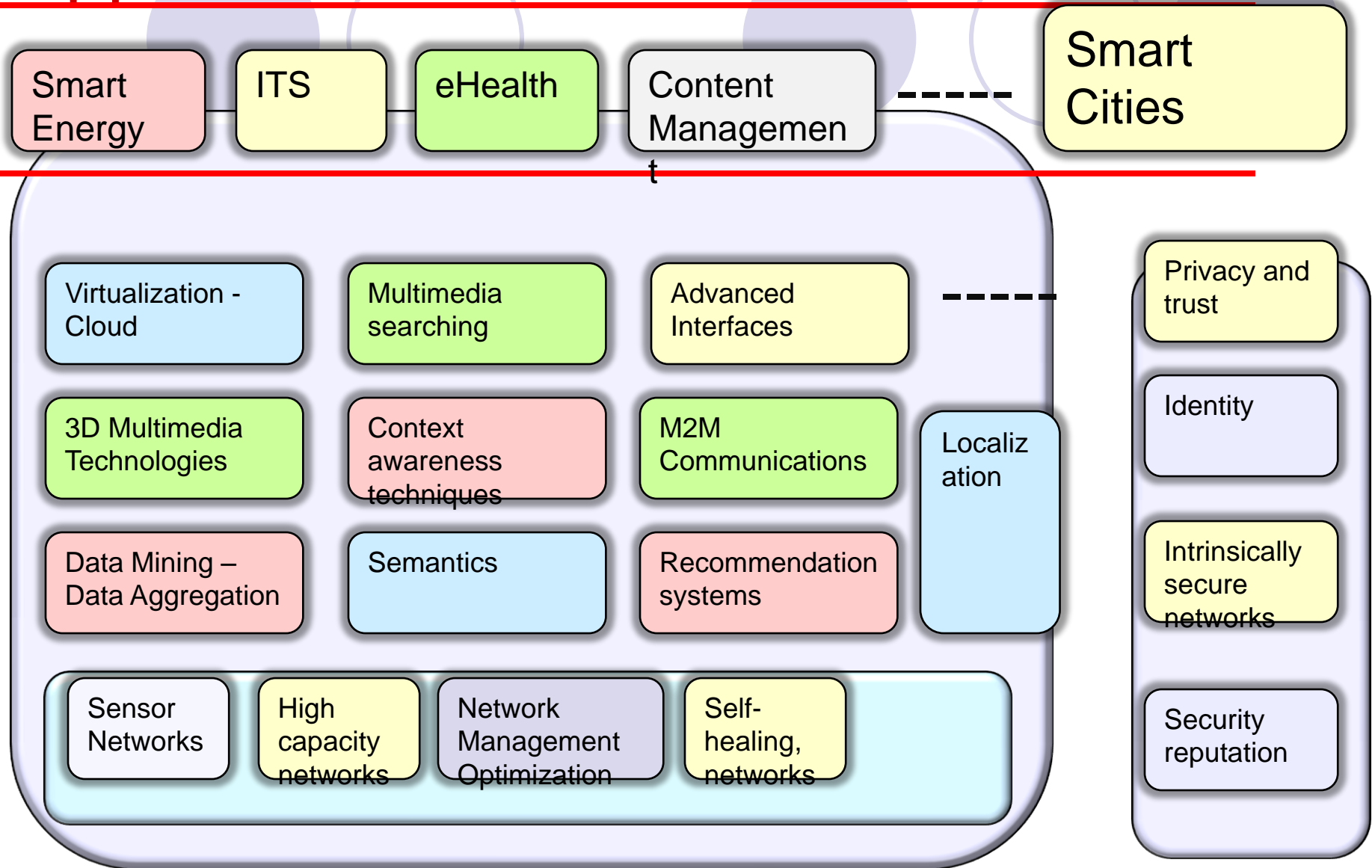
- New ways of learning
- Culture heritage



Approach - Cross Sector and Sustainable

- Stand alone solutions developed in any one sector, will not provide the efficiency and productivity gains that a networked solution will be able to provide and that the market can support.
- A **multidisciplinary and integrated** approach, where massively distributed services and applications are run over large scale and secure internet infrastructures is the only means to deal with the increasing complexity of intertwined application and service demands.
- Only strong coordinated and decisive action can enable the establishment of such a multidisciplinary and integrated approach at the European level.
- The approach must be **application-driven**, with services very well oriented towards solving major societal challenges.
- A set of common **“enablers” and technologies** must be developed.

Applications and enablers



Something different...and applicable

- This PPP must adopt an holistic approach to understand how the Future Internet built around devices, interfaces, networks and services.
- The PPP must followed an approach that is complementing the current perspective of Framework Programme 7 projects by a cross-functional and cross-sectorial approach.
- Projects may aim at building large scale demonstrators involving stakeholders with high impact on societal challenges.
- To maximize the overall societal and economic benefits it is deemed essential to apply from the onset an open applications enablement approach, where all these trusted capabilities would be serviced by the network infrastructure and would contribute to create an open innovation ecosystem. (Open APIs)
- A phased approach built around consecutive phases is envisaged: Phase 1 will focus on developing the necessary architecture and creating the right combination of the technological components as a large scale platform(s), where as during Phase 2 application stakeholders will be involved and in Phase 3 such a platform(s) will be opened to experimental deployment in the applications domains under consideration.

Examples...

- Everything becoming smarter and greener: cities, schools, hospitals, transport systems, energy grids, railroads, water management.....
 - Ideas for smarter planet
- Smart city as the paradigm...
 - Smart City -Stockholm
 - Amsterdam becoming smart
 - Boulder-Smart grid

