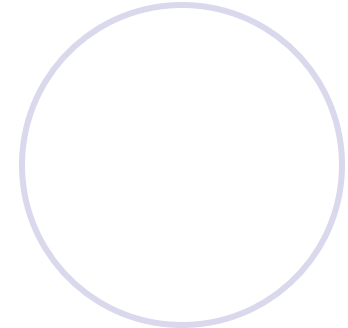
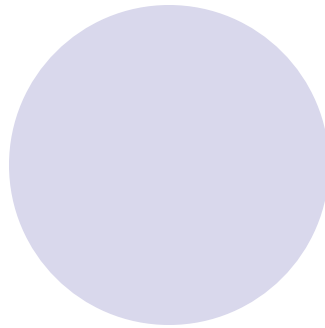
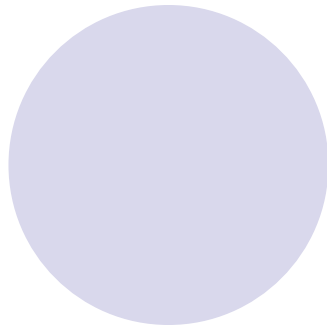
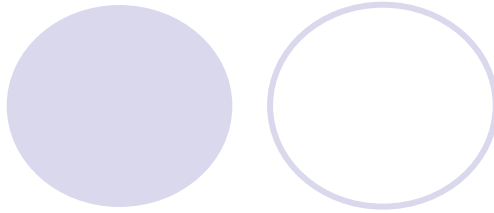




# The EUROPEAN FUTURE INTERNET INITIATIVE





# Shared Ambitions

- “Applying” the Internet means a better life and better business for all
  - Contribute to sustainable growth and employment in knowledge intensive industries
  - Foster a European technology base in Future Internet relevant technology and Service industries
  - Provide an environment that empowers providers and citizens to develop and deploy services
  - Accelerate the development of new networked based services for the citizens and consumer
  - Address the challenges of “smart infrastructures
  - Contribute to EU policies in terms of innovation, energy and environmental targets

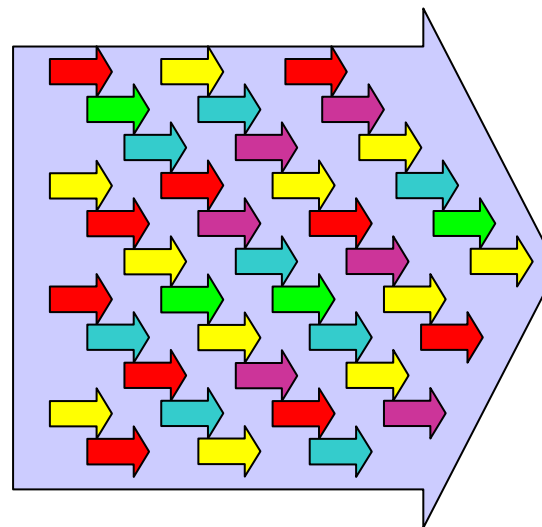
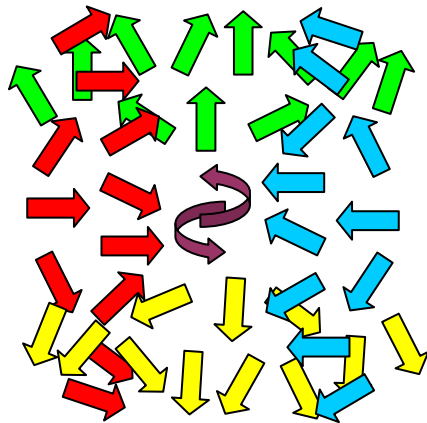
# Main objectives of the FI PPP.

## Creation of new European-scale markets for smart infrastructures with integrated ICT functionalities

- Increase the effectiveness of business processes and the operation of infrastructures and applications of high societal value by making use of reappraised internet architectures, services and technologies in large-scale application contexts,
- Leverage the Internet infrastructure as an open, secure and trusted platform for building networked applications on the basis of user-centered open innovation schemes,
- Foster cross-sector industrial partnerships built around Future Internet value chains, Participation of the public sector in the PPP will also be a key asset to progress in non-technological issues,
- Involving users and public authorities at local, regional and national levels,
- Maximise the societal benefit through involvement of civil society & consumer organisations where needed.
- Address regulatory and policy issues such as interoperability, openness, standards, data security and privacy within the context of the Future Internet complex and 'smart' usage scenarios.

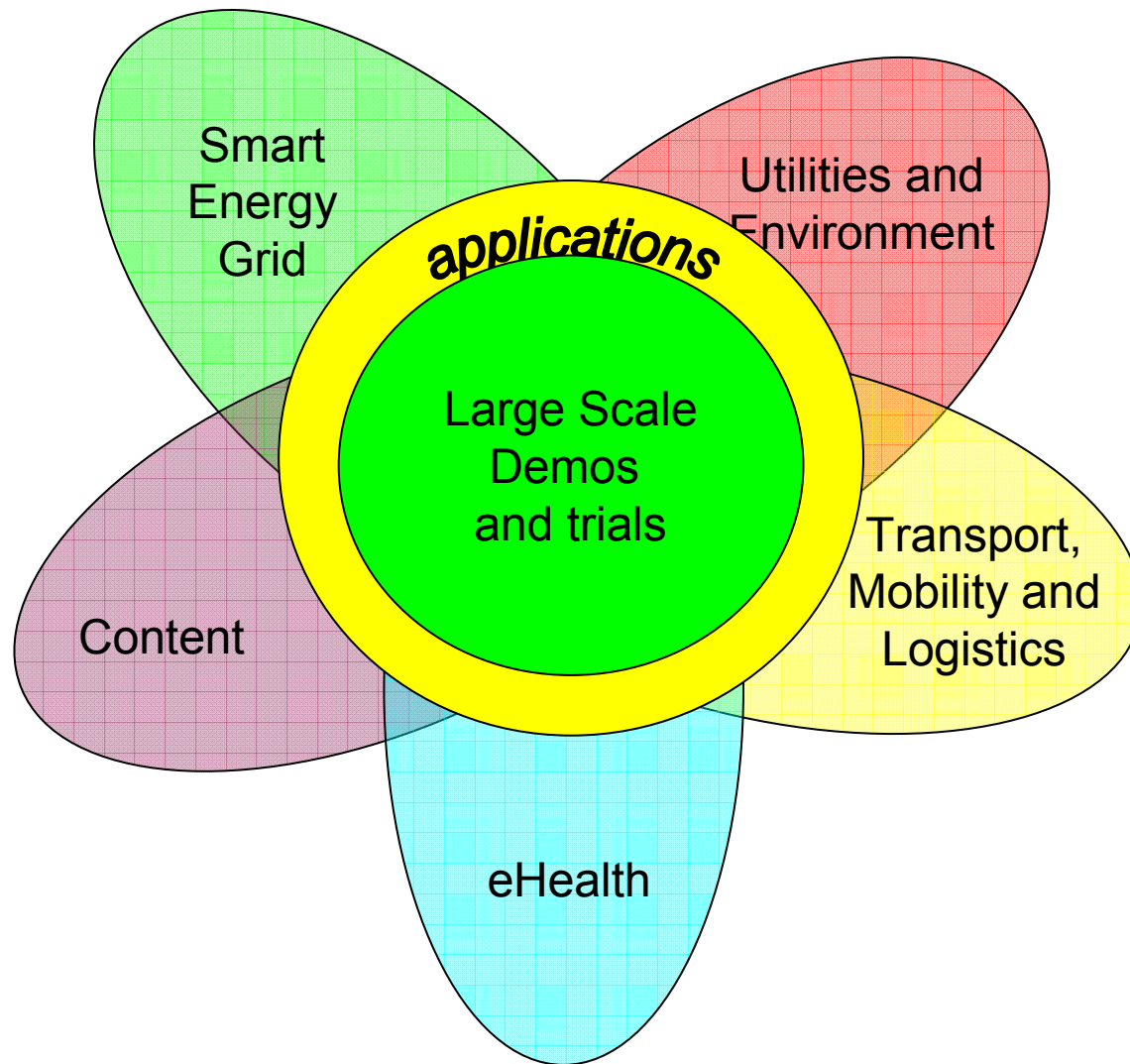
# Cross Sector and Sustainable

- 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.



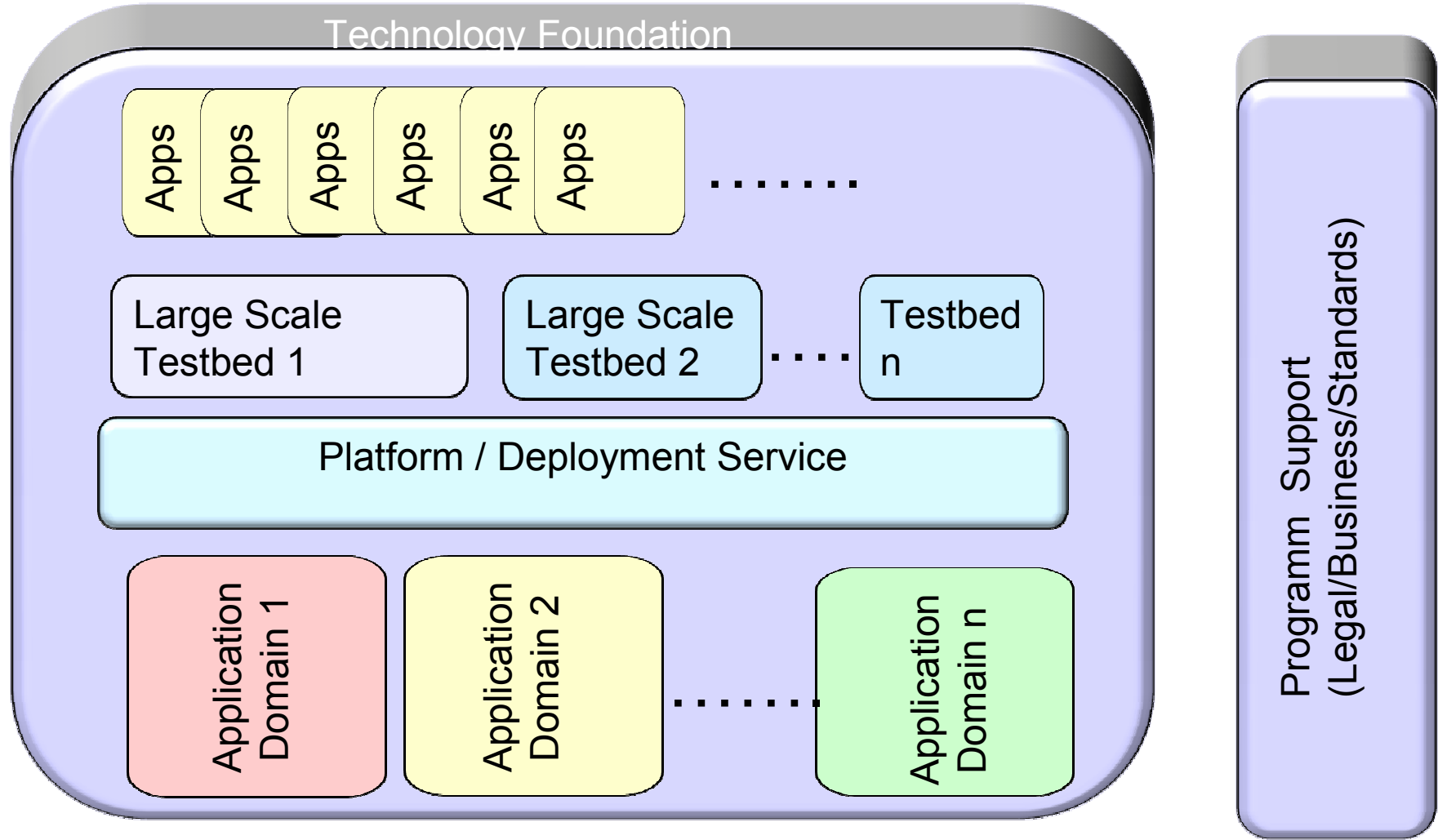
The  
Future  
Networked  
Society

# Maximising the Common enablers



- Examine the basic enablers in each area
- Determine the common enablers
- Determine the enhanced enablers
- Work out how to provide a core platform that supports the enablers
- Build it and show the world
- Use it in large scale trials and tests
- Use existing advanced infrastructures to test future Internet function

# Concept of the programme

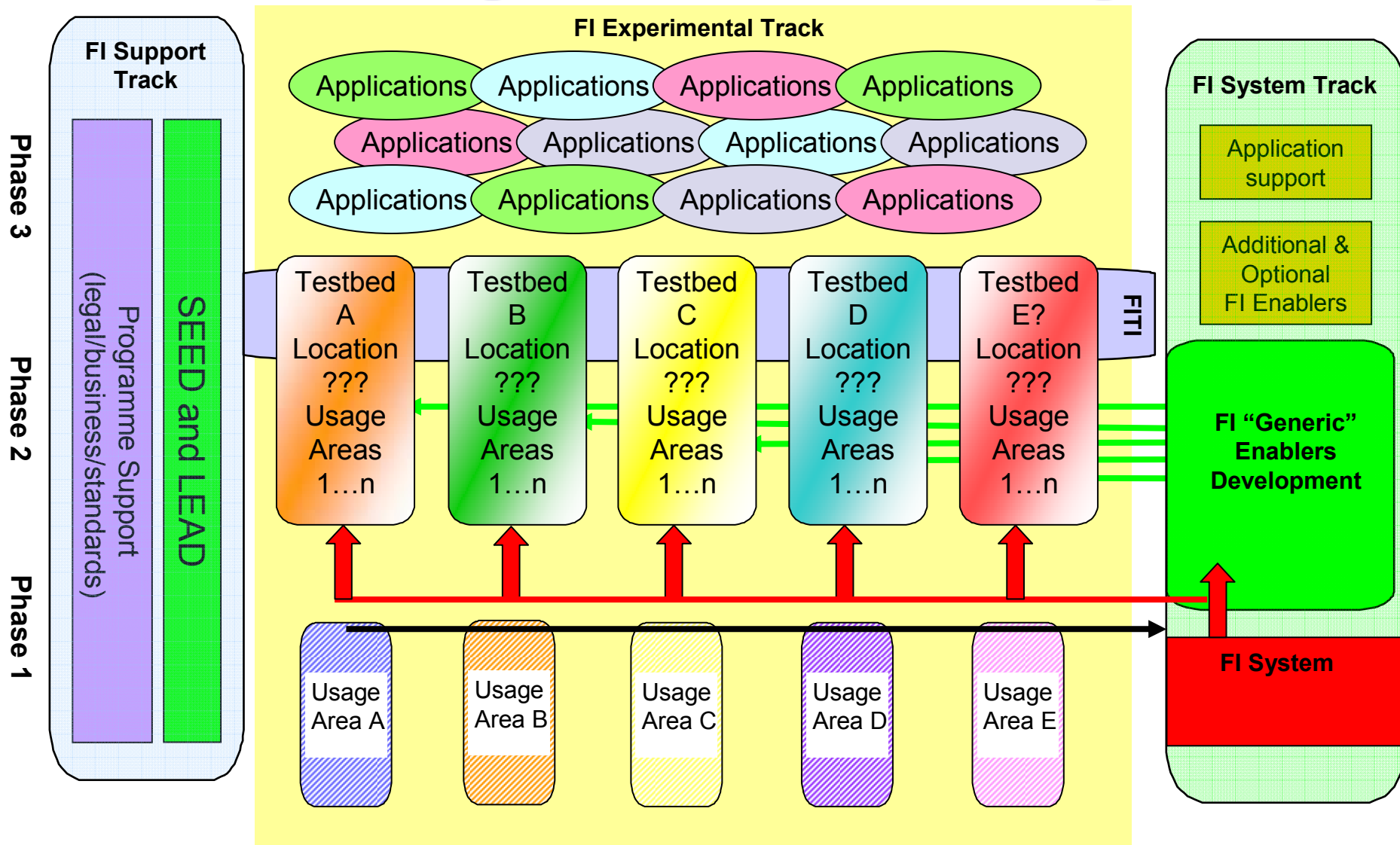




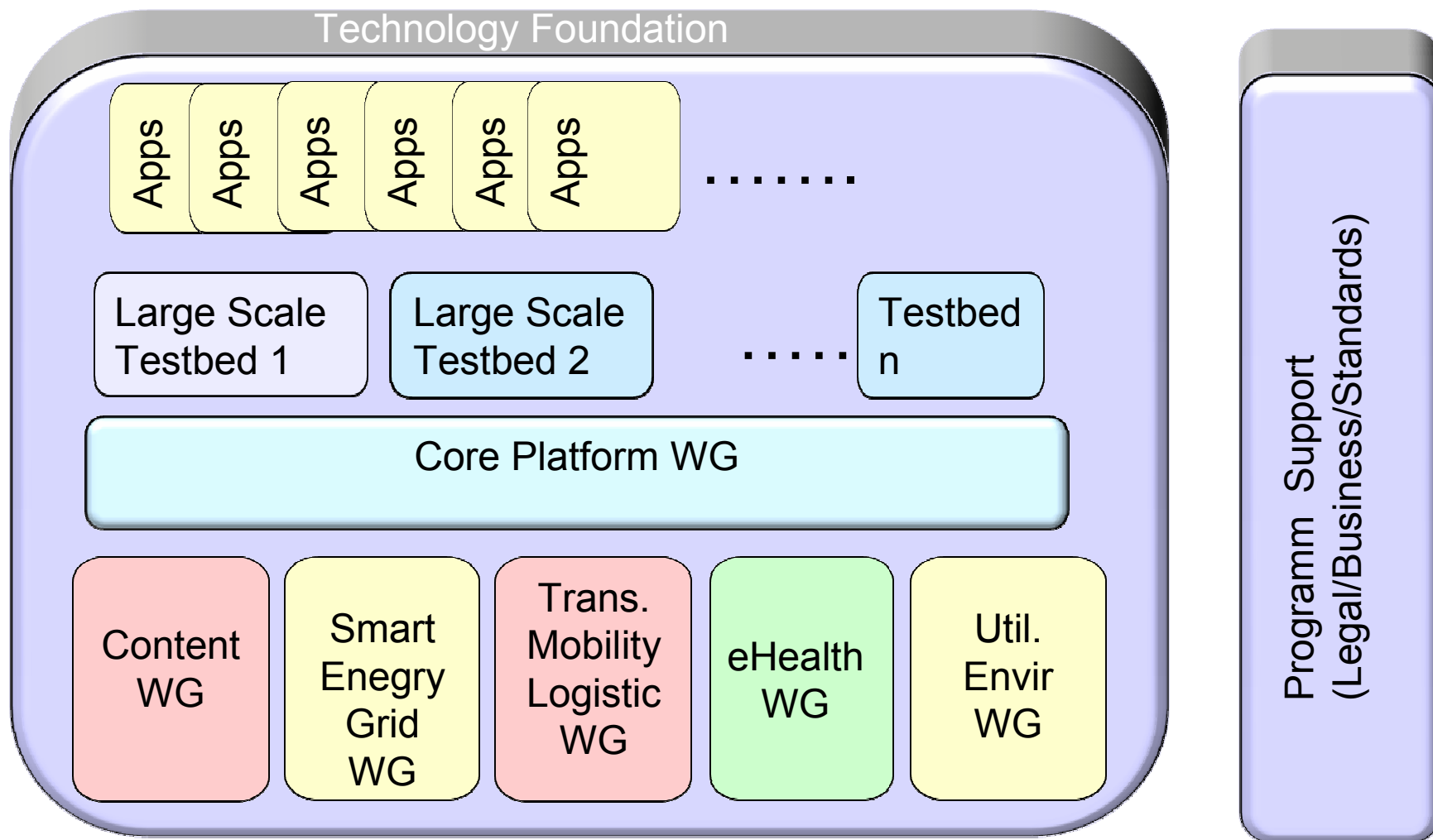
# Our recommendations for the programme

- Large scale projects
  - Integration will not happen in many small projects
- Flexibility in every stage
  - The future Internet is a hard target to follow
- Systematic approach to project selection
  - Projects must contribute to the programme and uniquely address aspects of the programme
- Facilitate open sharing of project foreground
  - IPR issues should not hinder collaboration
- Integrate sector competence with the ICT competence
  - The PPP target is to enhance all sectors with the Future Internet
- Lead by example: large scale trials and demos
  - Proving scalability and viability
- Synergy: build on existing results and resources
  - Time and scale dictate using what we have already achieved in Europe.

# Structural View of the programme



# Structure of the PPP preparation



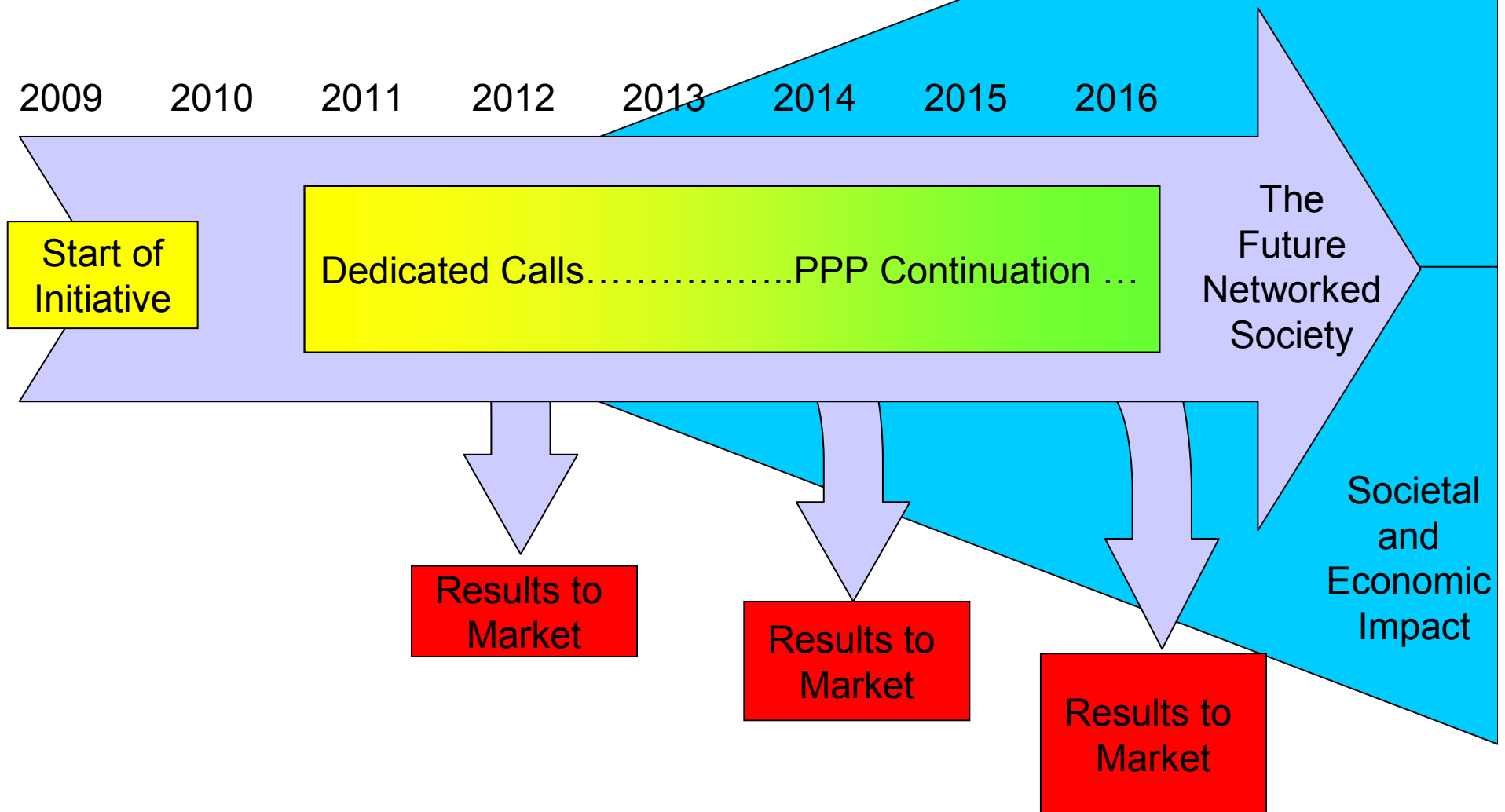


# EFII preferred challenges

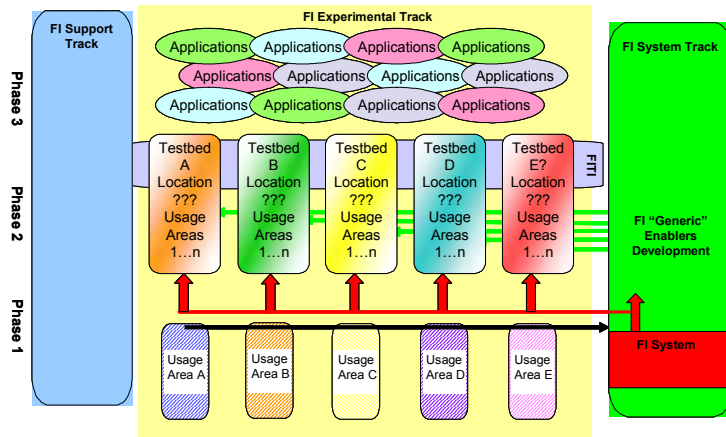
- Develop a **large scale infrastructure of eHealth** (mHealth) connecting the whole set of involved actors in the healthcare provision constellation.
- Develop an **open IT platform for M2M**, and **demonstrate** it through the **implementation of urban services**
- Setup a **Smart Energy Grid test environment** connecting at least three Smart Cities from different countries, involving at least 100.000 participants
- Setup and test an **Pan-European Global Mobility** guidance systems (multimodal aggregated databases with single access point for Public Transportation Schedules with real-time traffic updates)



# European Initiative on Future Internet



# The Future Internet area



Regulation  
Public Procurement  
Open markets  
Open interfaces  
Standardisation

National Trials,  
Test Infrastructures  
Structural funds  
Regional development  
Enterprise support

Education  
Promotion  
Stimulation  
Exploitation



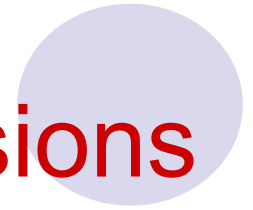
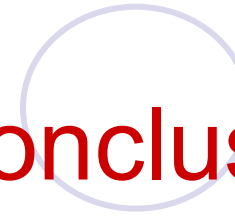
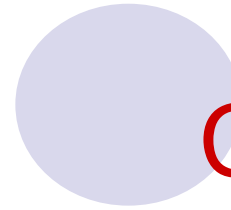
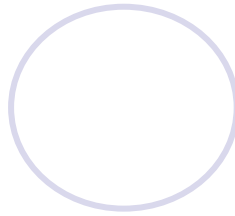
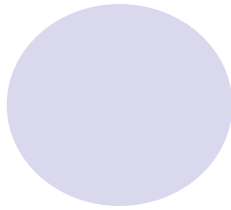
# European Future Internet Initiative



- Our immediate Goals:

- Creating a community in 2010 with the application domains
- To run workshops on applications, enablers, and infrastructures.
- Determining the focus points, challenges, and optimal structures
- Encouraging innovation in structures as well as projects
- Publish Position paper

- [www.future-internet.eu](http://www.future-internet.eu)



# Conclusions

- We reiterate that an MoU exists, which is signed by all 16 companies asserting our common ambitions.
- We can use this to mandate representatives to act on behalf of the group in discussions/agreements.
- The Core Group is extending the group to other stakeholders and is organising workshops with other sector actors

We believe:

- That the combination of ICT with other sectors and the cooperation between the different sectors will open new areas of growth for European industry.
- That we can accelerate Future Internet take-up through demonstration
- That we can gain technical and economic leadership for Europe, and
- That we can create the framework for a new form of PPP in FP8

