

A child in a red toy car is driving on a large mural floor. The mural features a central circular emblem with a laurel wreath and a star, surrounded by a checkered border. The floor is made of large, light-colored tiles with some brown stains. The child is wearing a green shirt and is seen from behind.

# Modalities of the Future Internet Public-Private Partnership

Open constituency building event

Nice, 12 March 2010  
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# Outcome of the FI PPP



1. The result should be a **generic, open and secure communication and service platform**... standardised and providing cross sector services through common enablers...
2. **Multiple use case scenarios** shall be considered. It is anticipated that innovative Internet-enabled smart infrastructures and processes require at least to capitalise on: Sensor Networks, Cloud like service infrastructures, Wireless capabilities
3. **Open to “user” driven innovation** through multiplicity of Use Cases – *Innovation platform for SMEs.*

# Conceptual Programme Characteristics

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

# 1. Building a Partnership that maximises the outcome

The partnerships must fuse various expertise into **efficient, small and pro-active innovation teams**:

- Operators, service developers and equipment manufacturers ... ICT industry
- Research & innovation capacity
- User industries & user communities (e.g. utilities)
- Public sector stakeholders (... when it comes pilots)
- End-user validation (... in particular in the platform expansion phase)

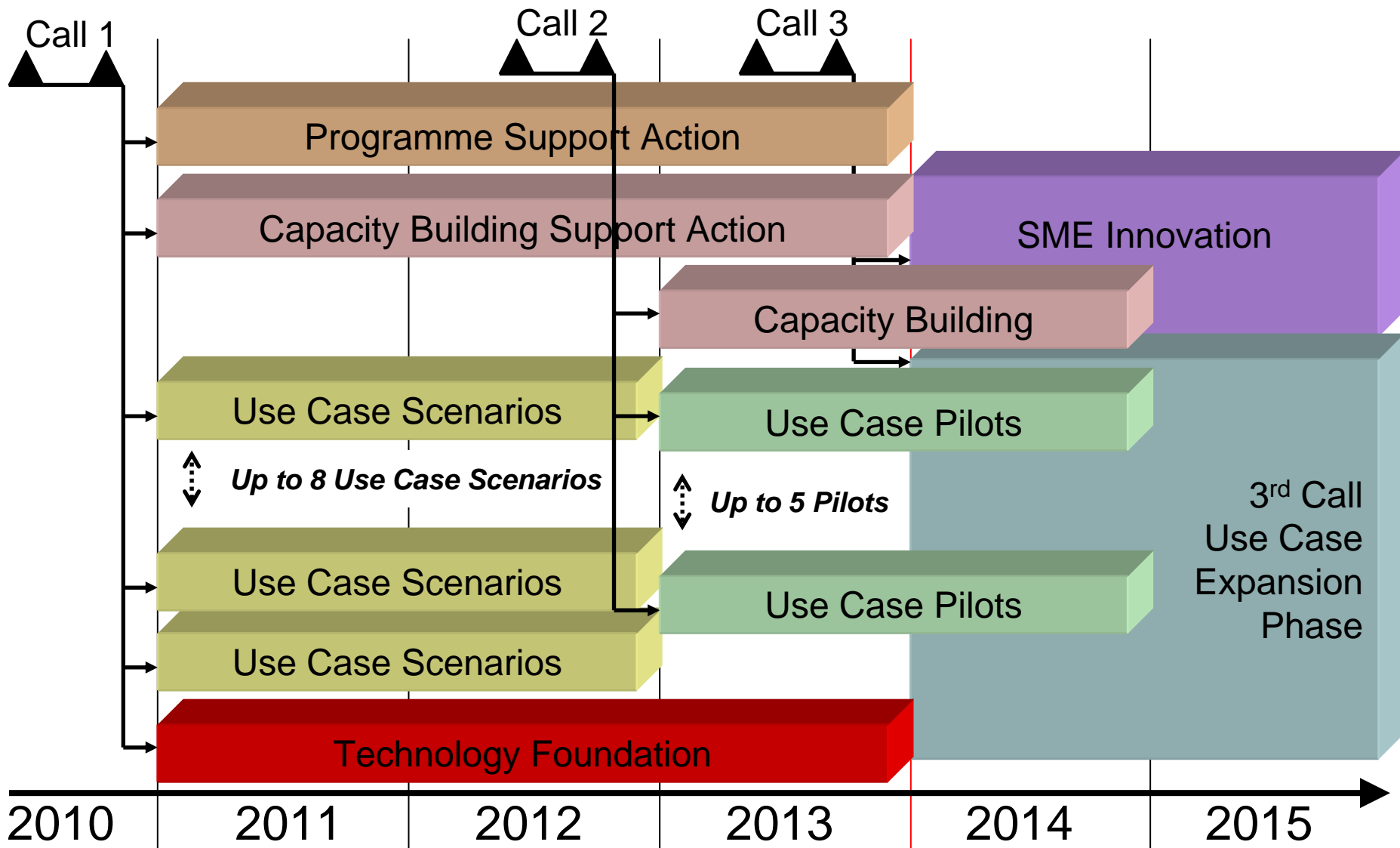
The partnerships will **evolve over time**, in particular:

- Technology foundation for the Core Platform
- Use Case scenarios and pilots

**Convergence beyond  
ICT Players!**

# 2. Programme Architecture

--- a set of coherent projects ---



# 3. The process

- The work programme is **specific** in calling for the different elements making up the programme.
- Reflecting the **programme notion** is an absolute requirement for all proposals – system context!
- Phased project, limited number, critical mass.
- The **evaluation criteria** and evaluation **process** are tailored for building a programme.
- Leverage **user driven innovation** and **public sector strengths** through openness and infrastructures.
- **Manage dependencies** – in particular between Technology Foundation and Use Cases.
- Significant programme management and steering efforts expended by the **Programme Support**.

# Draft Implementation Roadmap\*

- **Call 1 (July - October 2010) – budget 93 MEuro**
  - Technology Foundation (one IP, 40 MEuro, 3 years, 30% flexible)
  - Use Case Scenarios – Phase 1 (7-8 areas, IP, 5 MEuro, 2 years)
  - Capacity Building (one CSA, 3 MEuro, 3 years)
  - Programme support (one CSA, 10 MEuro, 3 years)
  
- **Call 2 (3<sup>rd</sup> quarter 2012) – budget 77 MEuro**
  - Use Case Scenarios Pilots – Phase 2 (5 areas, 13 MEuro, 2 years)
  - Capacity Building (one IP, 12 MEuro, 2 years)
  
- **Call 3 (mid 2013) – budget 130 MEuro**
  - Devoted to the expansion and enlargement of many testbeds and pilots (several areas, ~100 MEuro, 2 years)

# Further Information

## Key Events in 2010:

- 14 April – Valencia, EU Presidency event “[From Recovery to Sustainability](#)”  
→ *the FI PPP launch event*
- 15-16 April – Valencia, 5<sup>th</sup> open [FIA Conference](#)
- 16-17 December – Ghent, 6<sup>th</sup> [FIA Conference](#)

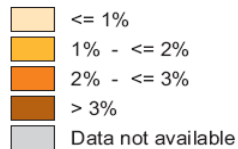
## Sites to drill further:

- [ec.europa.eu/foi](http://ec.europa.eu/foi) – read about the many activities the EC undertakes on Future Internet
- [www.future-internet.eu](http://www.future-internet.eu) – The European Future Internet Portal – the community site
- [cordis.europa.eu/ict/ch1](http://cordis.europa.eu/ict/ch1) – Ongoing European FI research & development activities

# A Creative Union of 497 Million people

**Total R&D expenditure**  
as a % of GDP, all sectors,  
2003 - NUTS 2

EU-27: 1.87 %



AT and CH: 2004; UK:1999  
NO, CH: country level  
BE, EL, FR9, UK: NUTS 1  
NL, PT: estimates  
DE22, DE23: confidential data  
BG: R&D expenditures only available for BG41 of the NUTS 2007 regions

Statistical Data: Eurostat Database: REGIO  
© EuroGeographics Association, for the administrative boundaries  
Cartography: Eurostat - GISCO, 09/2007

