



# Introduction to the Infinity Project

INfrastructures for the Future Internet commuNITY

Erik Rodenbach



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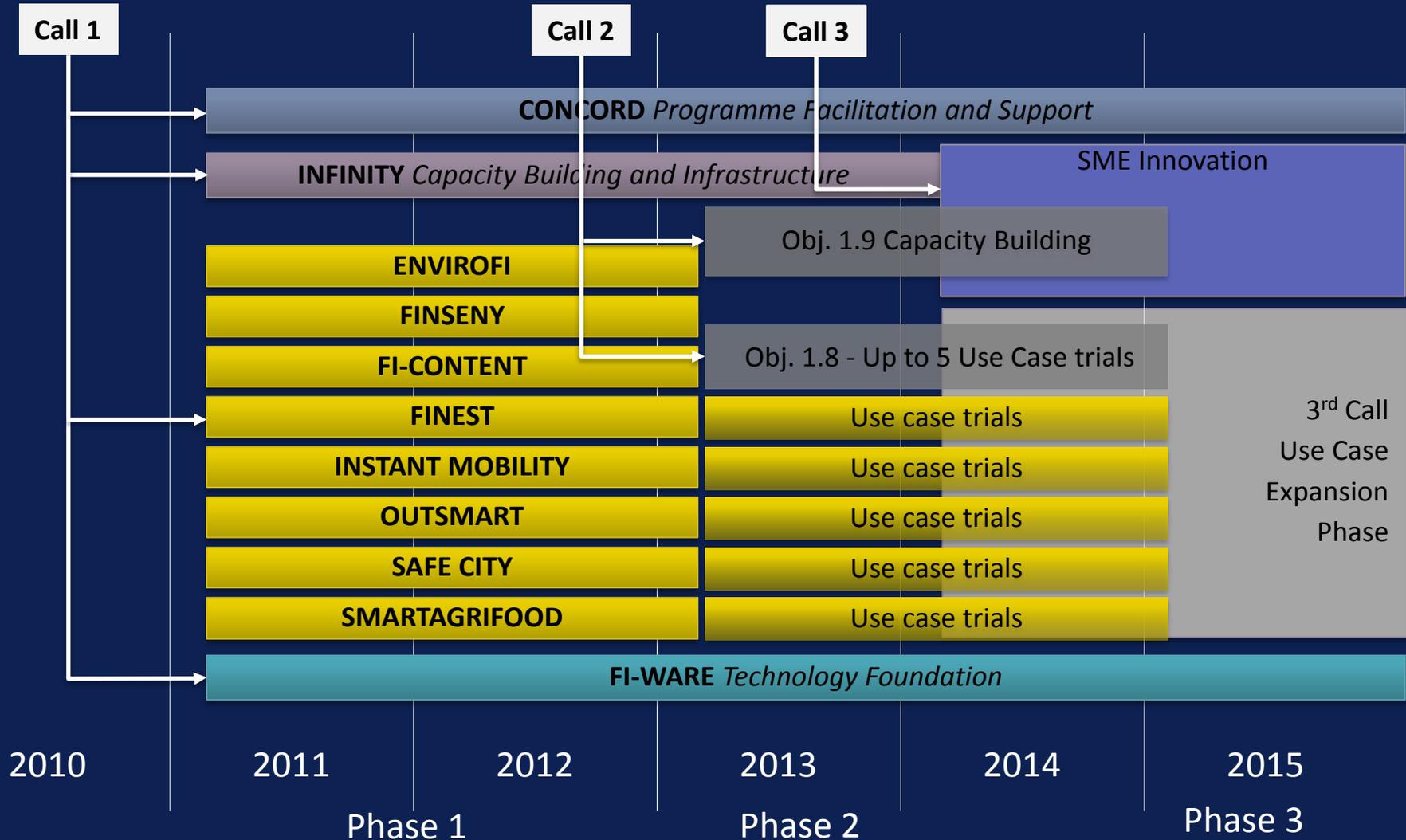
# Background and Overview of FI-PPP



Supporting programmes that accelerate the realisation of “future internet” enabled government, business and society in Europe that will allow:

- Public / business services and infrastructure to operate more intelligently, efficiently and sustainably through tighter integration with internet and computing capabilities
- Experimentation and validation of approaches that connect infrastructure, applications, devices, services and new technologies to deliver innovative new solutions
- Bringing together supply and demand sides for future internet services, engaging research, public service, communications and ICT and end user communities in the process of innovation

# FI-PPP Programme Overview



# 3 Phases of FI-PPP



## Call 1 (deadline December 2010) – budget €90m

- Technology Foundation (One IP, €41m, 3 years)
- Use Case Scenarios – Phase 1 (Eight applications, IP, €5m, 2 years)
- Capacity Building (One CSA, €3m, 3 years)
- Programme support (One CSA, €6m, 5 years)

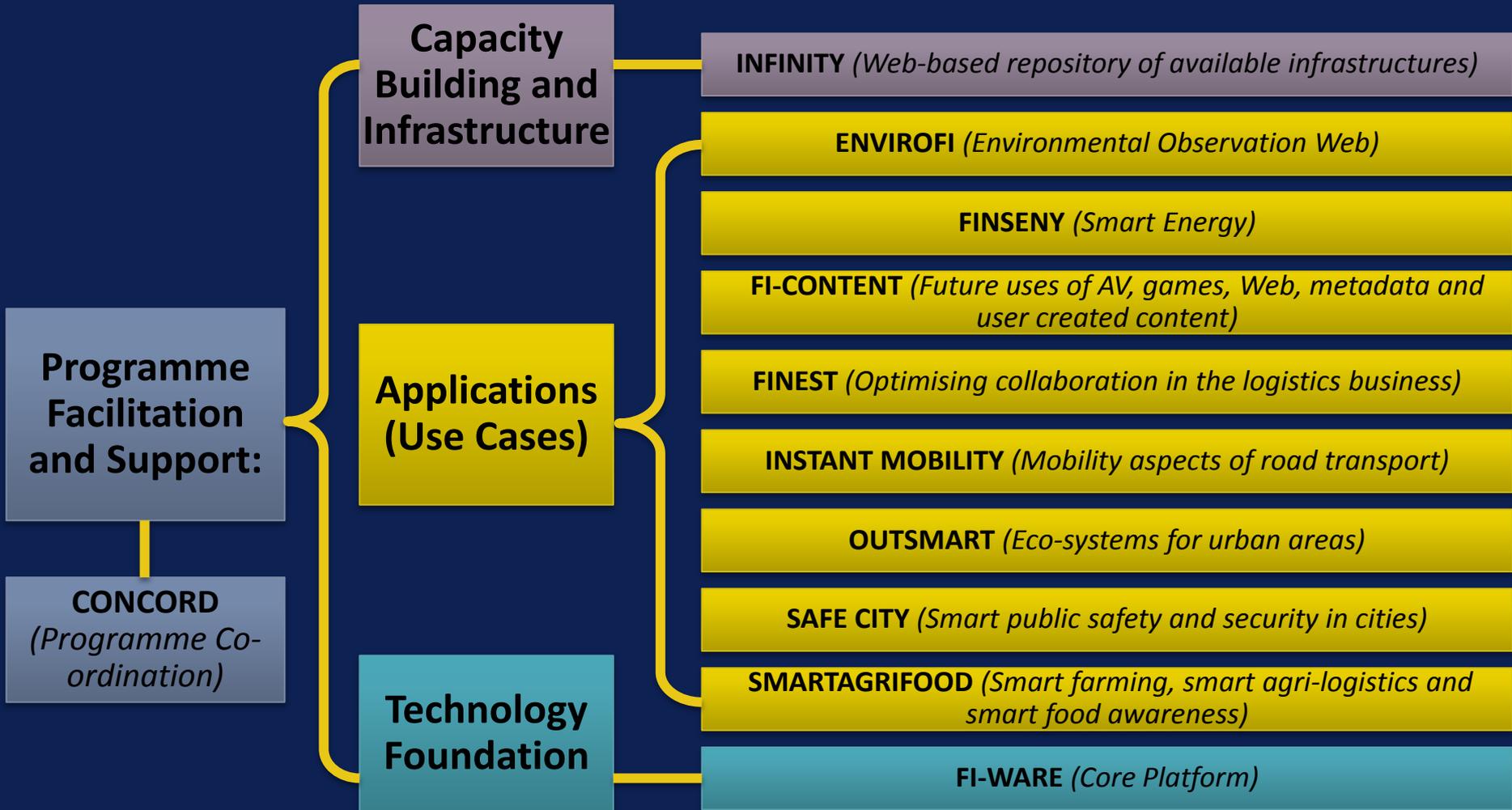
## Call 2 (deadline October 2012) – budget €80m

- Use Case Pilots – Phase 2 (Five applications, €13.5, 2 years)
- Capacity Building (One IP, €12.5m, 2 years)

## Call 3 (deadline December 2013) – budget €130m

Devoted to the expansion and enlargement of many test beds and pilots  
(Several application areas, ~ €100m, 2 years)

# FI-PPP Integrated Programme Structure



# Infinity Project Overview



- An integral part of Framework 7 FI-PPP
- Projects dedicated to the FI for Europe
- Coordination and support action
- Runs April 2011 → March 2014 (3 years)
- Supported by €3m funding from the EC
- 13 Partners (Coordinator: UPM)



# Our Aim



To facilitate communication and collaboration between Future Internet infrastructure owners across Europe and organisations developing Future Internet applications in order to:-

- position Europe at the centre of the Future of the Internet
- directly support experimentation for FI-PPP projects and investors
- accelerate the development and uptake of social and commercial solutions that will provide benefit to the citizens, businesses and governments of Europe

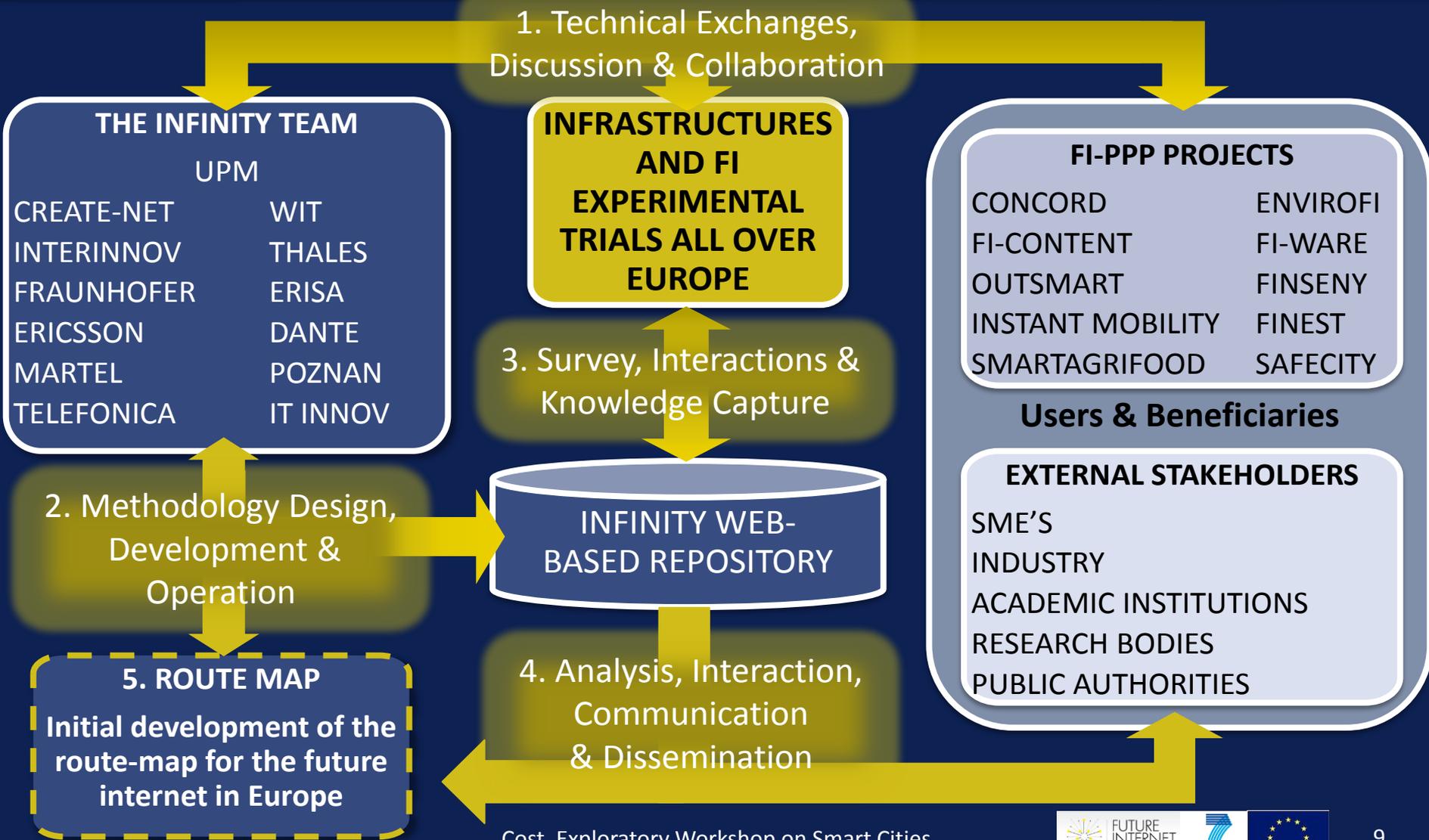
# Our Approach



We will:-

- gather, analyse, evaluate and organise information about Future Internet infrastructure and usage profiles across Europe
- make that information available to other FI initiatives through a “live” web enabled repository
- encourage and support interaction, collaboration and experimentation between application and infrastructure owners, operators, industry, local and regional authorities and end users
- capture and present user case studies to encourage wider take-up
- communicate and promote the activities of European Future Internet research capacity and infrastructures world-wide
- help prepare a route map to the future through integration of identified FI infrastructures in phase 2

# Project Overview



# Strategic Impact of Infinity



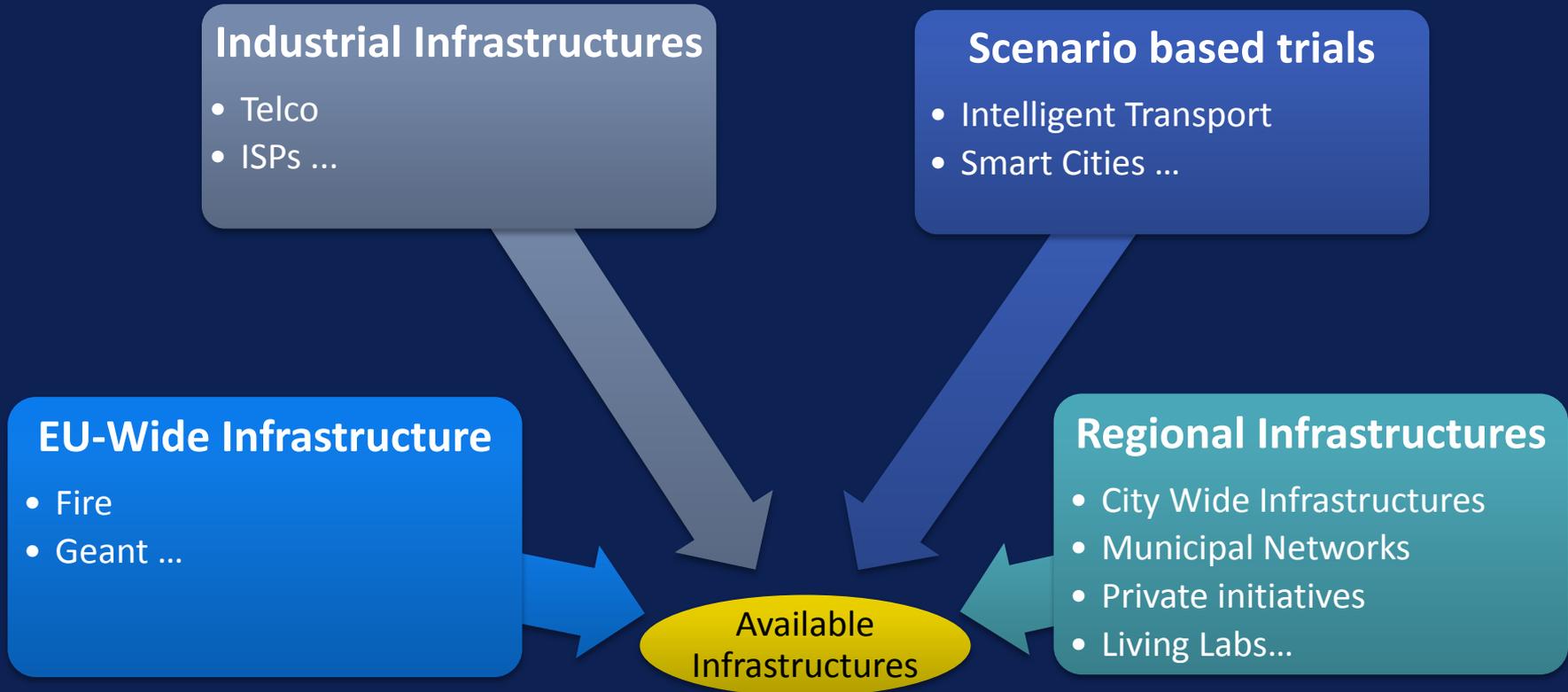
Experimental infrastructures are important assets for testing Future Internet ideas and to enable citizens to become involved in FI-PPP activities.

However, many developments and testing facilities are hidden from technology providers, industry and users.

The INFINITY project will identify the available infrastructures to capture and disseminate insights about the technical, social and economic dimensions and constraints for the infrastructure

The end goal is to establish a pan-European Future Internet testing infrastructure

# Example of Infrastructures in Europe



Thank You

Erik Rodenbach

[erodenbach@interinnov.eu](mailto:erodenbach@interinnov.eu)

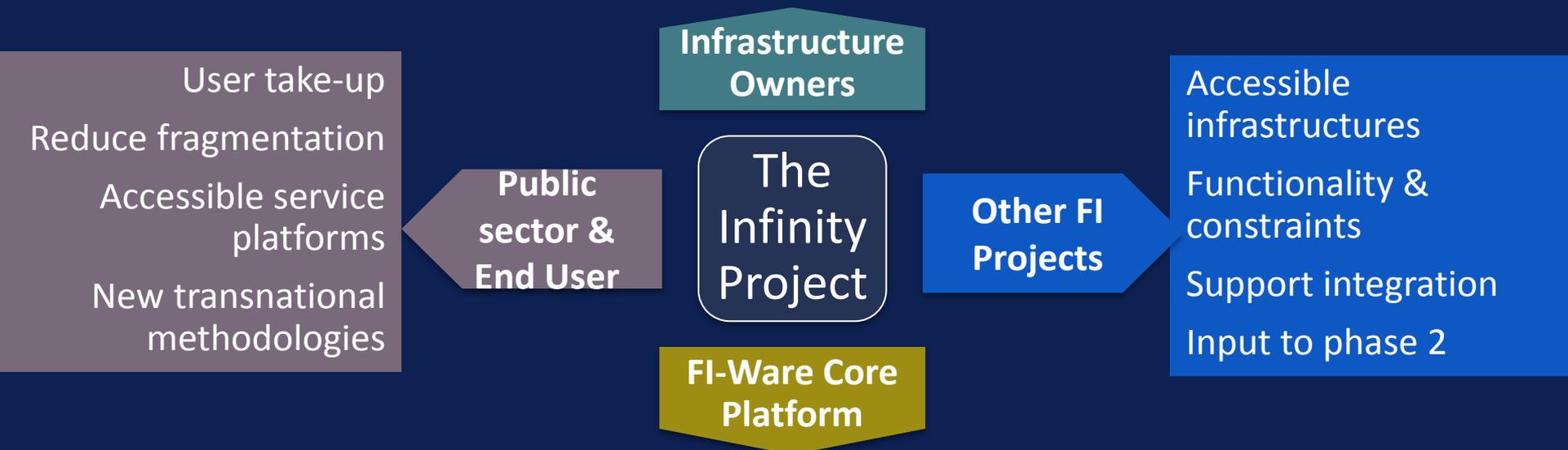
[www.fi-infinity.eu](http://www.fi-infinity.eu)



# Impact on Stakeholders



Knowledge of FI-PPP project requirements  
Access to European-Scale market  
Standards, policy and regulatory initiatives



Federation of infrastructures to meet emerging standards  
Towards integration of heterogeneous infrastructures  
Supporting the “virtual” platform and “generic enablers”

User take-up  
Reduce fragmentation  
Accessible service platforms  
New transnational methodologies

Accessible infrastructures  
Functionality & constraints  
Support integration  
Input to phase 2

# Presenting infrastructures through the web repository (mock-up)



Home

Find FI

Records  
Management

Reports

Contact

Locate and connect to Future Internet infrastructures  
across Europe

Register for Free

Advanced University Networks

Search



University of Trento Italy  
Via Mesiano 77, 38123 Trento  
tel. +39 0461 282669 - 2670  
fax +39 0461 282672  
[dipamb@ing.unitn.it](mailto:dipamb@ing.unitn.it)

Click for more information

[unitn.it](http://unitn.it)

# Searching through a theme / scenario



[Home](#)    Find FI    [Records Management](#)    [Reports](#)    [Support](#)

Locate and connect to Future Internet infrastructures across Europe

[Register for Free](#)

       [Search](#)

Theme	Location	Contact	URL
Smart Energy	London, UK	Mileva Maric	www.relativityisus
Smart Energy	Berlin, DE	Marie Merck	www.thermodynam
Smart Vehicles	Paris, FR	Emile Roger	www.panhardetlev
Smart Vehicles	Stuttgart, DE	Wilhelm Maybach	www.horsepower.c
Smart Farming	Udine, IT	Giorgio Fidenato	www.movementol

[Add Infrastructure Details](#)

[By Name](#)

[By Location](#)

[By Scenario](#)

[By Description](#)

[Save Infrastructure Details](#)

[Update Infrastructure Details](#)

[Delete Infrastructure Details](#)

# Accessing infrastructures through the web repository (mock-up)



Home

Find FI

Records Management

Reports

Contact

Records Management

## Step 1: General Data

Enter the infrastructure's name:

Enter contact details:

Position the infrastructure on the map:



Step 1. General Data

Step 2: Category selection

Step 3. Technical Description

Step 4: Business Model

Submit

The information you submit will be checked against our records before publication

# Further Information



## Key Events in 2011:

- 27-29 September – Torino, NEM Summit
- 5 October – Brussels, Net!Works General Assembly
- 10-13 October – Brussels, Open Days 2011
- 24-28 October – Poznan, Future Internet Week (FIA, FIRE, IoT, workshops and meetings)
- 26-28 October – Poznan, ServiceWave
- 7 November – Brussels, Workshop on Future Internet SocioEconomics

## Sites to drill further:

- [www.fi-infinity.eu](http://www.fi-infinity.eu) - The INFINITY project
- [www.fi-ppp.eu](http://www.fi-ppp.eu) – Future Internet Public-Private Partnership
- [ec.europa.eu/foi](http://ec.europa.eu/foi) – EC activities 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