

Introduction to the Future Internet PPP

FI-PPP Information day,
Poznan, 23rd October 2014

Pierre-Yves DANET
Orange Labs

The largest EU programme to Develop and bring to the market an Open service platform

Tasks:

- The FIWARE Platform
- 13 large scale Use Cases
- Identification and federation of Future Internet Infrastructures

Ambition: 300 M€, 400 people working full time across Europe from 2011

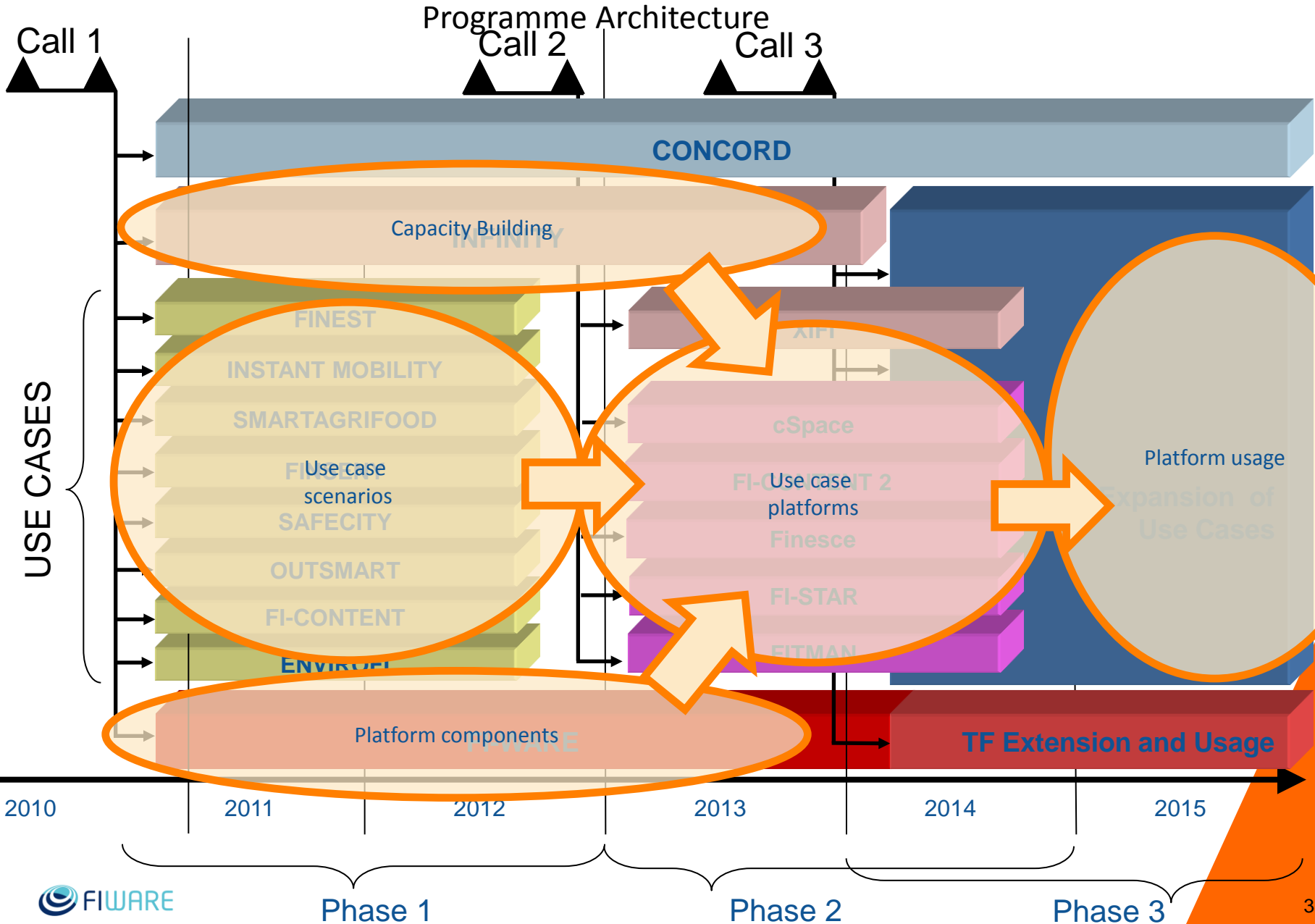
Outcomes:

- Open Service Platform
- Innovation Ecosystem with more than 1000 SMEs and web entrepreneurs
- Based on advanced technologies (IoT, Big Data, CC, ..)

Today:

- Technology (The FIWARE platform + Sector specific platforms)
- People (Innovation ecosystems)

Future Internet PPP



Phase 1 Use Case Projects

<http://www.fi-ppp.eu/projects/>

- Usage area requirements
 - Generic Enablers vs
 - Specific Enablers
- Conceptual prototypes

OUTSMART



Smart city
(OUTSMART)



Content
(FI-CONTENT)



Energy
(FINSENY)



ENVIROFI



Environment
(ENVIROFI)

Finest
FUTURE LOGISTICS



Logistics
(Finest)



Safety
(SafeCity)



Agriculture
(SmartAgrifood)



Traffic and Mobility
(Instant Mobility)



Phase 2: Large Scale Trials



Case 2

Case trial sites

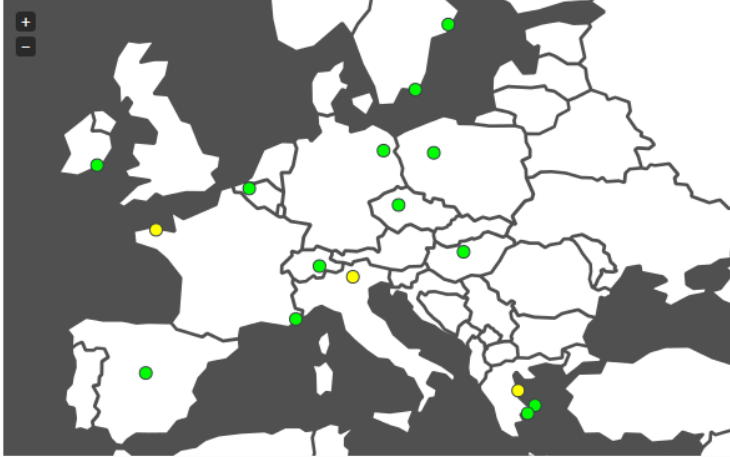
-  FI-Space
-  FI-CONTENT 2
-  FINESCE
-  FI-STAR
-  FITMAN
-  XIFI



FI-WARE Nodes

Cloud Store Mashup Data Account Help&info Login

Nodes



Node	Overall	Nova	Neutron	Cinder	Glance	Keystone P.	Support
Lannion	🟡	🟢	🟡	🟢	🟢	🟢	🔧🔗
Trento	🟡	🟡	🟡	🟢	🟡	🟢	🔧🔗
Prague	🟢	🟢	🟡	🟢	🟢	🟢	🔧🔗
Gent	🟢	🟢	🟢	🟢	🟢	🟢	🔧🔗
Budapest	🟢	🟢	🟢	🟢	🟢	🟢	🔧🔗
NITOS-UTH	🟡	🟡	🟢	🟢	🟢	🟢	🔧🔗
Berlin	🟢	🟢	🟢	🟢	🟢	🟢	🔧🔗
Poznan	🟢	🟢	🟢	🟢	🟢	🟢	🔧🔗
Stockholm	🟢	🟢	🟢	🟢	🟢	🟢	🔧🔗
C4I	🟢	🟢	🟡	🟢	🟡	🟢	🔧🔗
Spain	🟢	🟢	🟡	🟡	🟡	🟢	🔧🔗
Waterford	🟢	🟢	🟢	🟢	🟢	🟢	🔧🔗
Karlskrona	🟢	🟢	🟢	🟢	🟢	🟢	🔧🔗
Zurich	🟢	🟢	🟢	🟢	🟢	🟢	🔧🔗
ATHENS_UPRC	🟢	🟢	🟢	🟢	🟢	🟢	🔧🔗
Athens_Neuropublic	🟢	🟢	🟢	🟢	🟢	🟢	🔧🔗

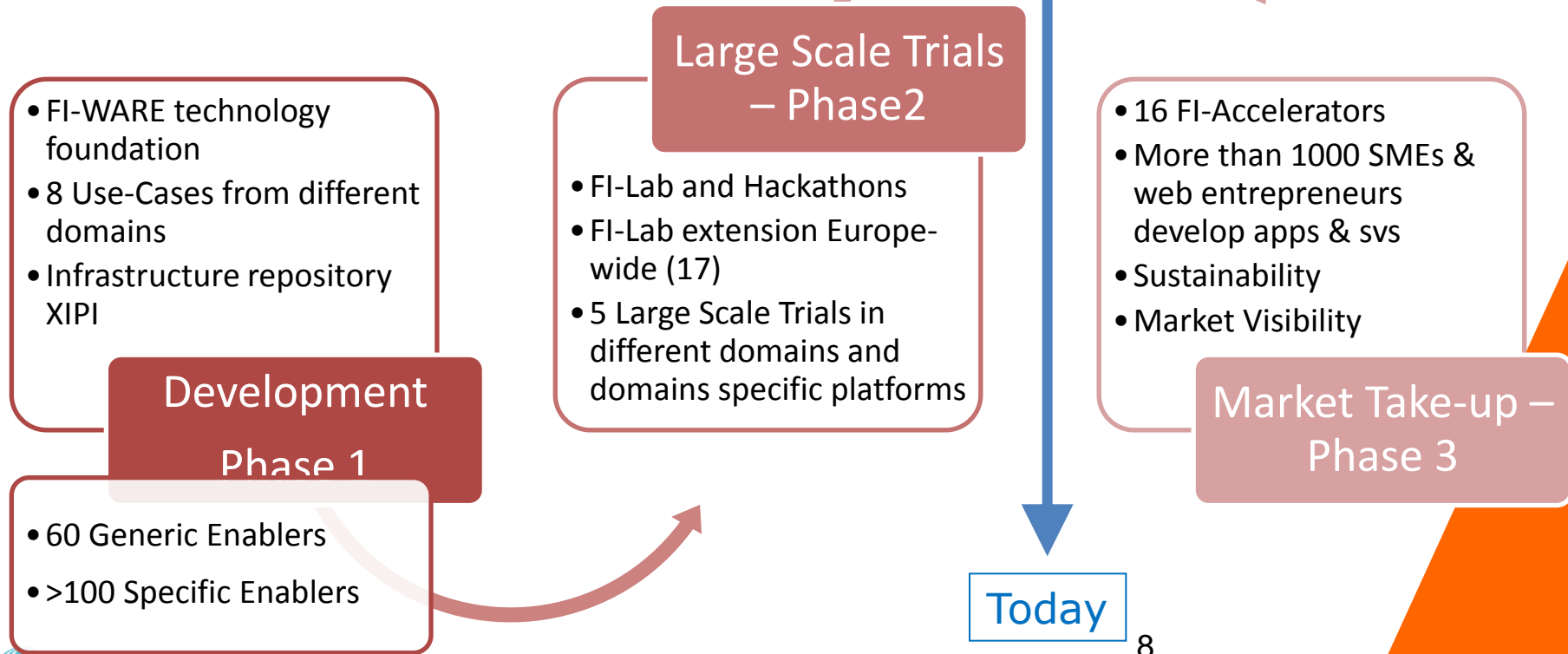
FI-OPS
Easing your operations


FIWARE enters the Take-up Phase

From Research to the Market

Technology Focus

Innovation Focus



A person in a black and white skydiving suit is suspended in mid-air, holding a rope that extends upwards. Below them, another person in an orange suit is also skydiving. The background shows a dense cityscape with a river and a large white lattice structure in the foreground. The sky is blue with some clouds.

And we really
mean it!

A new Phase
Future Internet PPP Phase 3

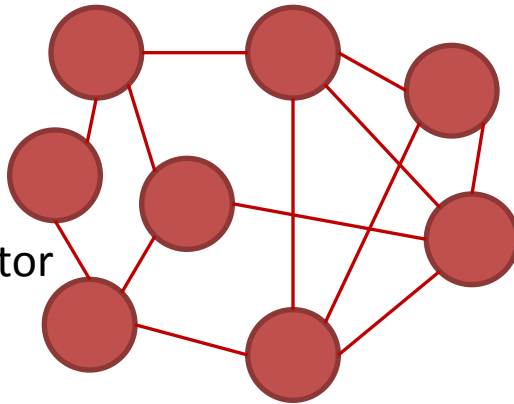
From technology to market

Support

FI-Business - FI-Impact - I3H - FI-Links - CONCORD

A new ecosystem of accelerators

FIWARE Accelerator



Market-ready Apps / Svs

FI Innovation Ecosystem

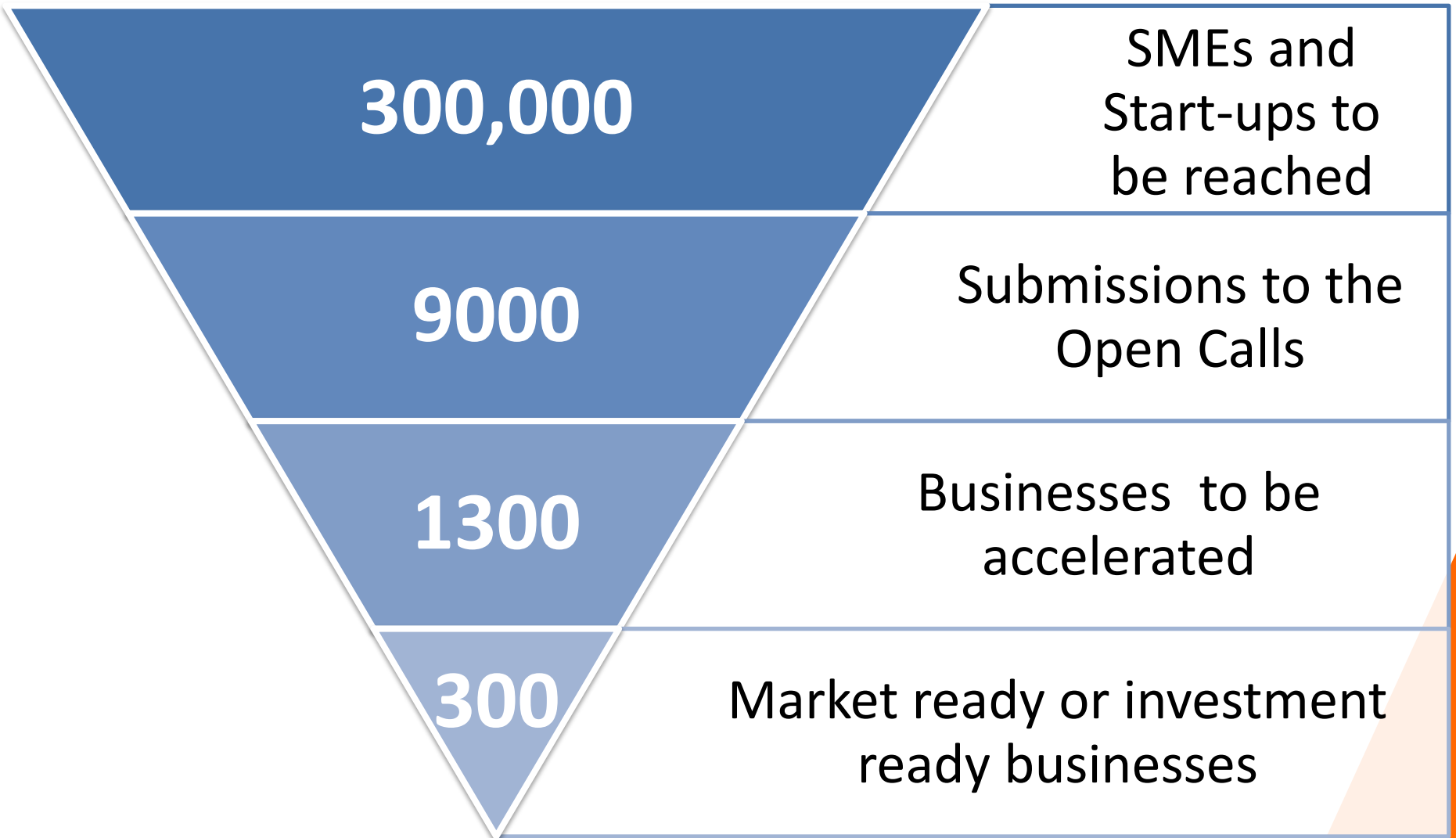
Open, Standard FI Service Platform



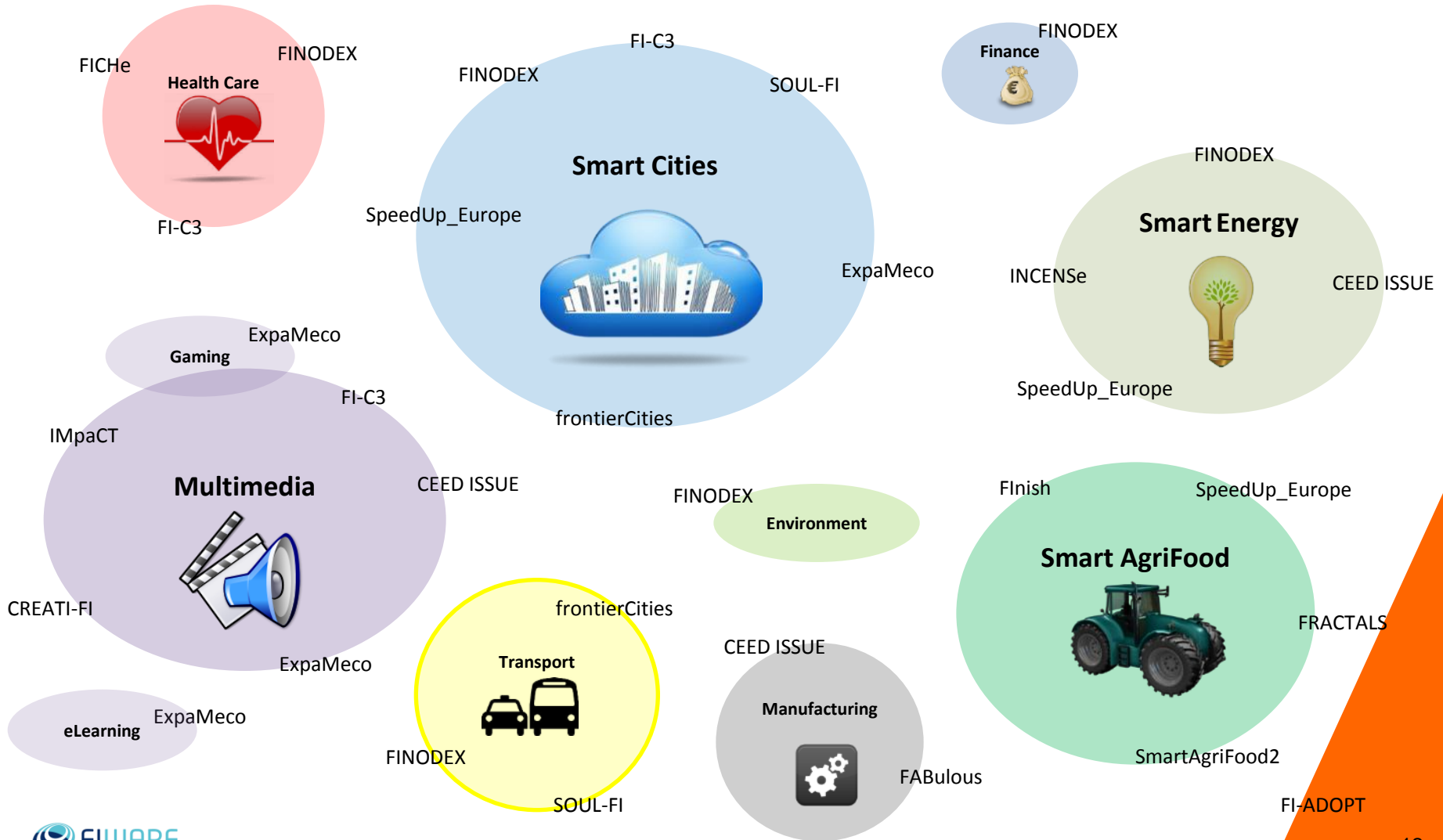
FIWARE Technology platform

Catalogue - Lab - e-Learning - Ops

Future Internet Accelerator



Sectors covered by the accelerators



European cities/regions

FI Accelerators

Geographical Coverage:

★ = Country

📍 = City

- 📍 Amsterdam
- 📍 Barcelone
- 📍 Bruxelles
- 📍 Birmingham
- 📍 Florence
- 📍 Rotterdam
- 📍 Valladolid
- 📍 Helsinki
- 📍 Trente
- 📍 Guildford
- 📍 Maribor
- 📍 Messine
- 📍 Stockholm
- 📍 Århus
- 📍 Berlin
- 📍 Vojvodina
- 📍 Oulu
- 📍 Murcie
- 📍 Málaga
- 📍 Paris
- 📍 Cracovie




FIWARE Strategy: 2015-2016



- Accelerate the technology



- Industrial Commitment



- Internationalisation – FIWARE going global



- Smart Cities and vertical sectors

Why should you participate?

16 Future Internet Accelerators:

- With different thematic orientation, geographical locations, funding modalities, process, duration → *You choose!*
- They will *transform your idea into a commercial product* for European/global markets.
 - Provide not just funds but also **mentoring, networking and support.**
 - Open European-wide and global **market opportunities**

Thank you for your attention!

[Fi-links.eu](https://fi-links.eu)

Back-up

Internationalisation

- Mexico

- FIWARE launch in October
- EU-MX collaboration

- Brazil

- Two nodes being deployed
- FIWARE launch in November





FIWARE running Smart Cities

• Cities opening data via FIWARE

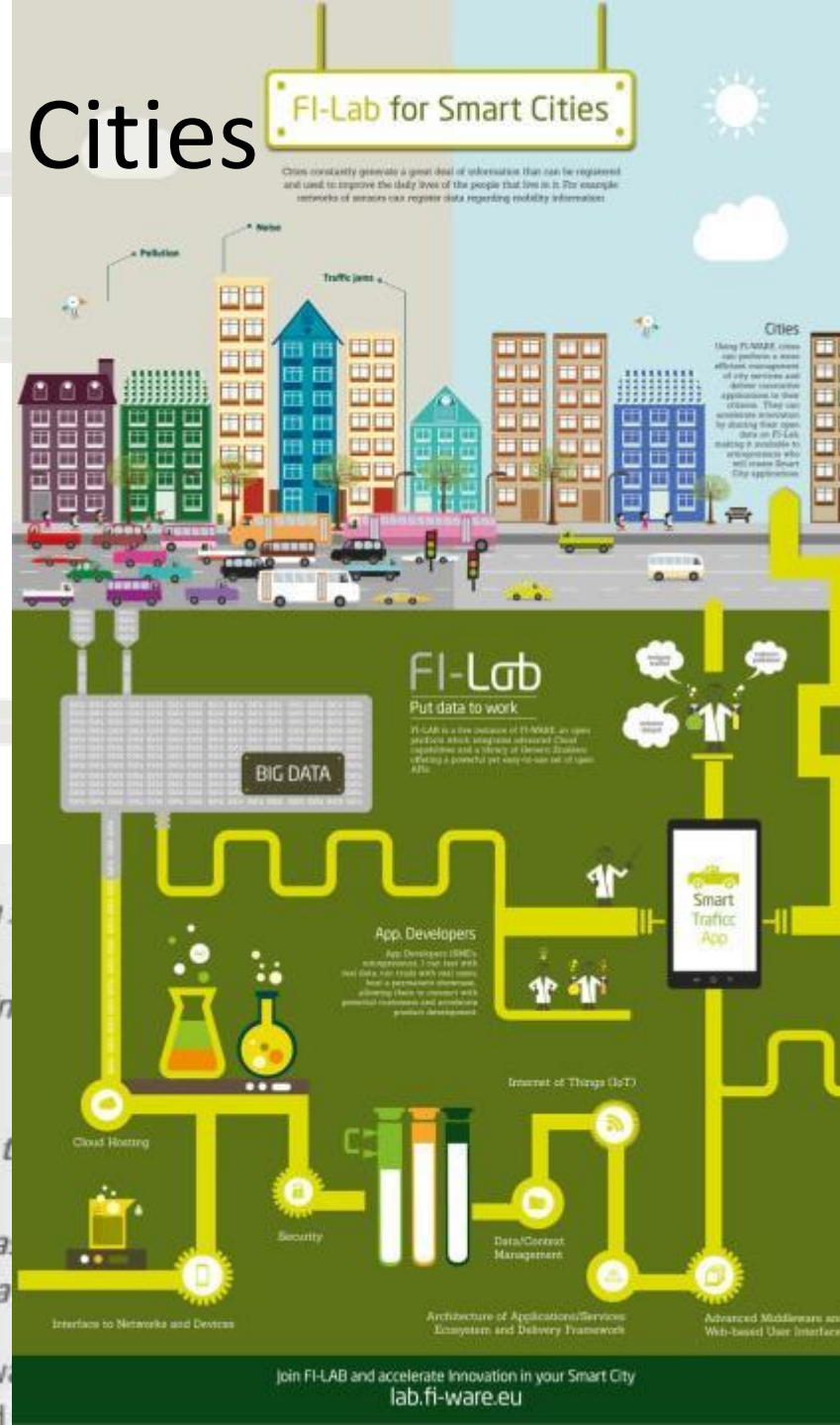
- Italy: Trento, Torino, Roma
- Spain: Valencia, Sevilla, Málaga, Santander, Logroño, Lleida, Vigo, Sabadell, ...
- Finland: Espoo, Helsinki
- Netherlands: Amsterdam
- Portugal: Lisbon, Agueda

• Valencia using FIWARE solutions

• Smart City challenges

- Valencia City Council has announced that it has awarded the Valencia Smart City Platform tender to Telefónica
- Valencia will be the first Spanish city to centralise all of its municipal information through a smart city technological solution.
- Solution is based on the European FI-WARE standard
- The base of the software will consist of 350 sensors that will manage the services of the city
- Traffic, street lighting, gardens, local police, pollution, cleaning and waste management and weather services will be constantly monitored and connected to a central data hub

22 May 2014, Valencia: Valencia City Council has announced that it has awarded the Valencia Smart City Platform tender to Telefónica. Telefónica has designed



Phase 3: The strands of action

Start-up and SME Take-up

16 SME Accelerators

- Avg. budget of Euro 6.3 million
- Total of Euro 100 million for SMEs & Web-entrepreneurs

- Organise and manage open calls
- Accelerate SMEs and WE (business knowledge - entrepreneurship)
- Monitor SMEs and WEs
- Coordinate across the 16 accelerators and with the programme

Technology Foundation Extension

FI-Core

- Cost Euro 36 million, funding Euro 23 million

- Availability of the platform, education and training – FI-PPP University
- Technology & OSS ref implementation
- Platform sustainability – *foundation*
- Take-up among Smart City & Campuseros

Support Actions

- **FI-Business** (1.6 MEuro)
- **I3H** (1.7 MEuro)
- **FI-Links** (1.5 MEuro)
- **FImpact** (1.6 MEuro)

- SME & Start-up ecosystem, support accelerators, BP and KPIs
- Innovation Hubs
- Roadmapping & International
- Impact Assessment
- ... *strong programme support role*