

# Future Internet

Public-  
Private  
Partnership

*Accelerating the use of FI-Ware  
with SMEs and web-entrepreneurs*

Context



# What is different today from 5 years ago?



## Computing

- Never has computing power been as abundant and cheap.
- Computing is everywhere, mobile, in the network, ...



## Data

- Never has there been so much data accessible
- Big data, open data, business data,...



## Cloud

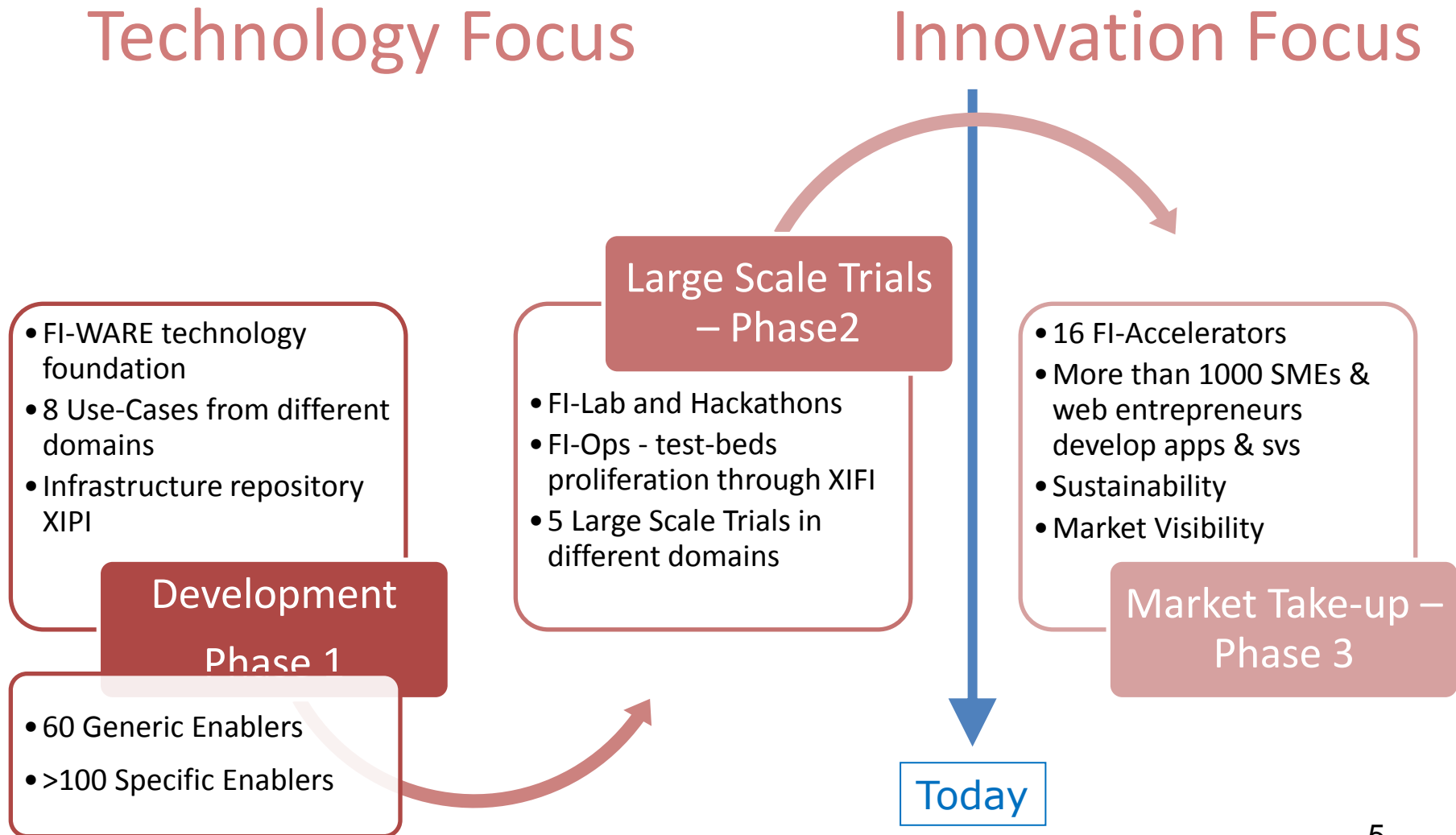
- Never have complex services been closer to you
- Everything as a services, pay as go,...



Internet of Things ... *billions of devices generating information*

- 
- 1. Make European industry and software developers more competitive in developing innovative Internet technologies and systems.**
  - 2. Make innovative Internet services for consumers, citizens, business and the public sector - notably in urban areas.**

# Future Internet PPP *life cycle*





# FI-Lab

## Catalogue of Generic Enablers (catalogue.fi-ware.eu)

Hosting enablers  
for creation of  
FUTURE INTERNET  
APPLICATIONS

Welcome to the FI-WARE Catalogue! Here you will find all the information, documentation and tools you need as a developer of a Generic Enabler Implementation.

### About the Catalogue



### View the Enablers



### Tools





# fi-wareUniversity

(edu.fi-ware.eu)

You are not logged



Home Available Courses My Courses My Dates My Activities News

Navigation

Home

> Courses

## Welcome

Welcome to the FI-WARE eLearning platform, where you can find training courses, lessons and many other contents regarding FI-WARE technology.

Feel free to start browsing our offering from the [categories](#) listed below (or from the *Available Courses* section), click on them and access the lessons.

Few quick steps and you can easily get access to all the public coursed published in this platform.

1

Interface to Networks  
Development Tools (1)

Select a Category

2

REST Client Generator  
Learning course on the REST  
REST-full services having a V

Select a Course



3

4



## Cloud screencast Blueprint Templates

OPEN  
APIs  
FOR  
OPEN  
MINDS



0:00 / 3:16

# Integrated test-bed (lab.fi-ware.eu)

Click on the links to see the FI-WARE video tutorials

Cloud

Store

Mashup

Account

Blueprints

Instances

Object Storage

Blueprint Templates let you quickly create a template from which to build your application.

You can specify the software you need in the Tier Templates and easily deploy all the instances with one click.

**? Need Help?**  
Send us a message

**Our GEs**  
See our Catalogue

**FI-WARE nodes**  
Learn about FI-Ops

**More information**  
Visit our eLearning Platform

## All videos available now

POSTED OCTOBER 17, 2013 BY ADMIN

We are happy to announce that the all the video tutorials are available on this page now. Enjoy!

## The new FI-LAB portal is online!

POSTED OCTOBER 11, 2013 BY ADMIN

The new version of the FI-LAB portal is now up and running. The visual aspect has been improved and we are placing short videos tutorials on the home page to help you using all the sections. We have part of the videos online now and the rest will be here very soon. Just a couple of them left to complete the video set!

### Tweets

Follow



**Digital Agenda**  
@ERNACT

29 Nov

€400 000 in prizes in Europe's biggest #app challenge [bit.ly/1kqvfb](http://bit.ly/1kqvfb) by @FIware #Innovation #SmartCities #fiware #CampusParty2014

Retweeted by FI-WARE

Expand



**FI-WARE**  
@FIware

29 Nov

@ict2013eu Great! Thanks to you for uploading them, it's great to be able to catch up on the ones we



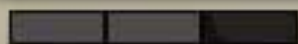
0.0 dB

-30.15

20 - 300

20.7

Limiting Amplifier LM-662



IN OUT GR

A



INPUT LEVEL



A-B LINK



THRESHOLD



COMP LIMIT  
D.C. ADJUST

50.0  
5.9 dB



dB  
GAIN CONTROL



Fast Slow  
ATTACK / RELEASE TIME



POWER

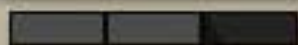
ALL TUBE LIMITING AMPLIFIER

0.0 dB

-30.15

20 - 300

20.7



IN OUT GR

B



INPUT LEVEL



THRESHOLD



COMP LIMIT  
D.C. ADJUST

50.0  
5.9 dB



dB  
GAIN CONTROL



Fast Slow  
ATTACK / RELEASE TIME



POWER

ALL TUBE LIMITING AMPLIFIER

**FUTURE  
INTERNET  
SMART  
UTILITY  
SERVICES**



**FINESCE**



# Phase 2

## Use case trial sites





# Hackathons – Example "FI-Guardian"



/ marcos-marconi / FI-GUARDIAN ▾

Smart Cities Challenge



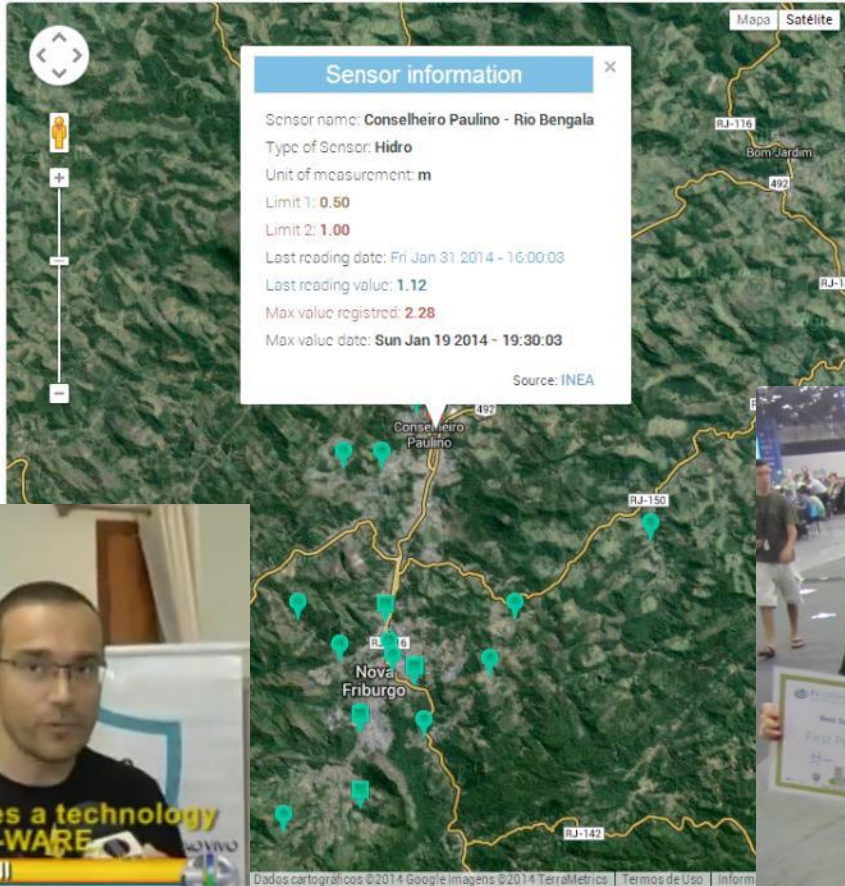
Categories

Category  
Natural Disasters ▾

Subcategory  
- All - ▾

Get Info

Fi-Guadian Sensor Map



FI-Guardian Video Player



Orion Entity Inspector

Entity Type  
Rain Sensors ▾

Sensor Location  
FI-Guardian - Rio Bengalas ▾

Get Info

Fi-Guardian Sensor Graph





# Testimonials

YouTube <https://www.youtube.com/user/FIWARE>



Smart App Zity



SociWare



FoodLoop



SmarTaxi



FI-Guardian



Traffic Monitor



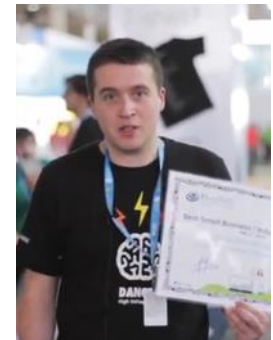
Red.es




Magic Box



Hotel automation



Fonesense

A person is skydiving over a dense urban landscape, likely New York City, with a body of water visible in the distance. The skydiver is wearing a black jumpsuit and a white shirt, and is in a freefall position. A speech bubble points to the skydiver. The background shows a vast cityscape with many skyscrapers and a river. The sky is blue with some clouds.

And we really  
mean it!

A new Phase  
Future Internet PPP Phase 3





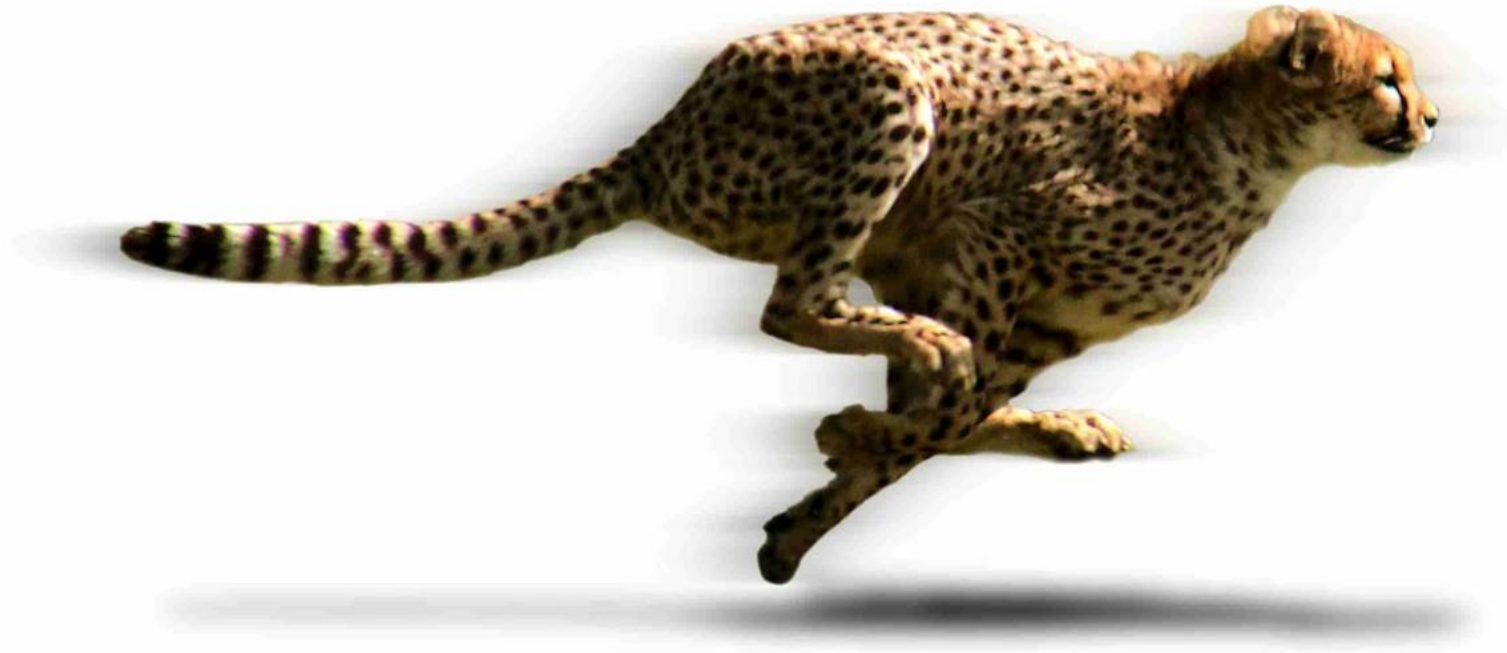
A<sub>1</sub> M<sub>3</sub> B<sub>3</sub> I<sub>1</sub> T<sub>1</sub> I<sub>1</sub> O<sub>1</sub> N<sub>1</sub>



To place European innovators at the  
centre of the European Digital Economy

Success of the FI-PPP critically depends  
on the success of this 3<sup>rd</sup> phase!





**The Future Internet Accelerator**  
**The launch pad for global success**

# Future Internet Accelerator: Three 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*

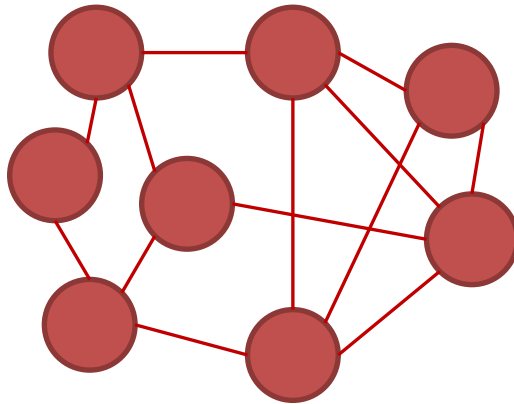
# From technology to market

## Support

FI Business - Fimpact - I3H - FI-Links - CONCORD

A new  
ecosystem  
of accelerators

FI-Accelerator



Market-ready  
Apps / Svs

FI Innovation  
Ecosystem

Open, Standard  
FI Service  
Platform



## Technology platform

FI-WARE - FI-Lab - FI-Ops - University - XIFI

**FI-Phase 3**

**Outcomes**

**Beyond PPP**

## 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

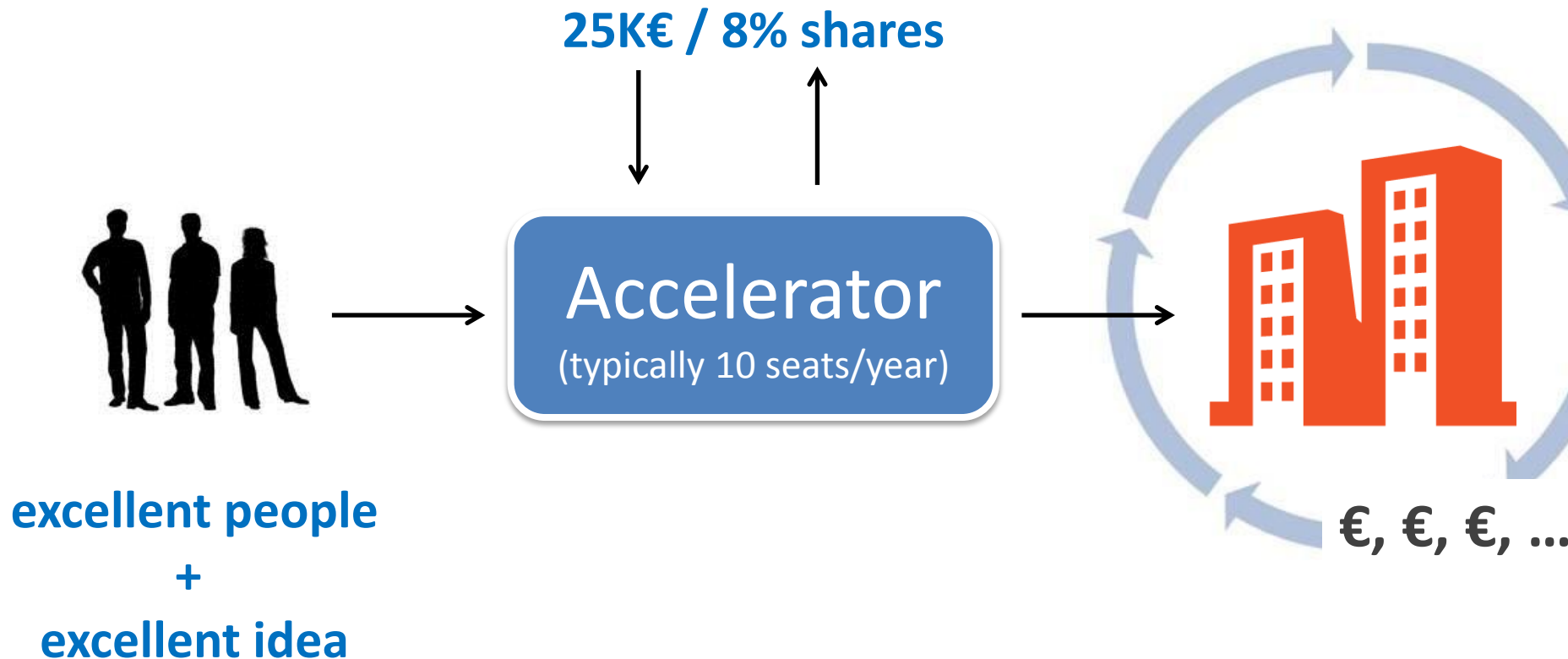






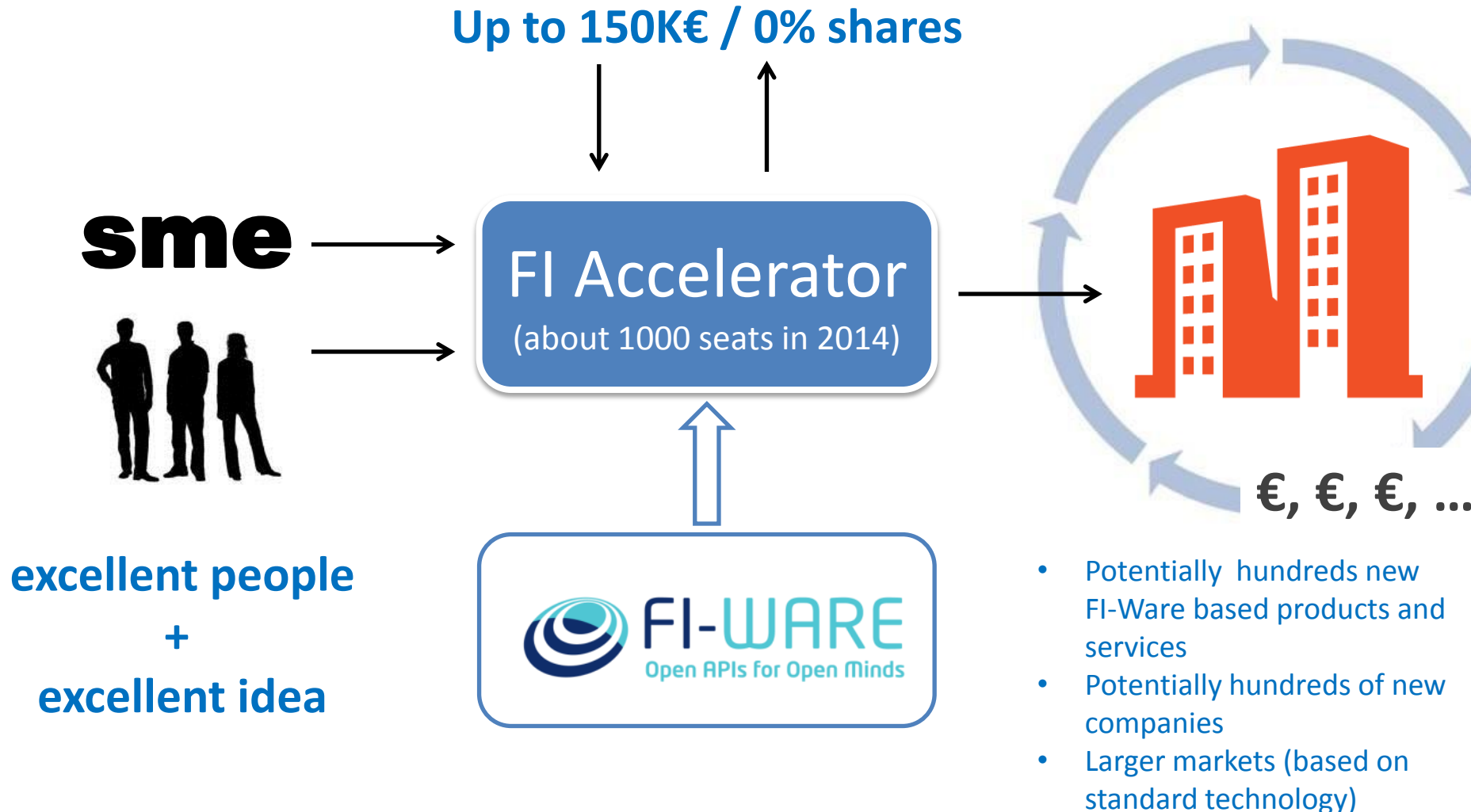
**4 of the 16  
specifically  
include  
Smart Energy!**

# Acceleration: A modern way to build technology companies



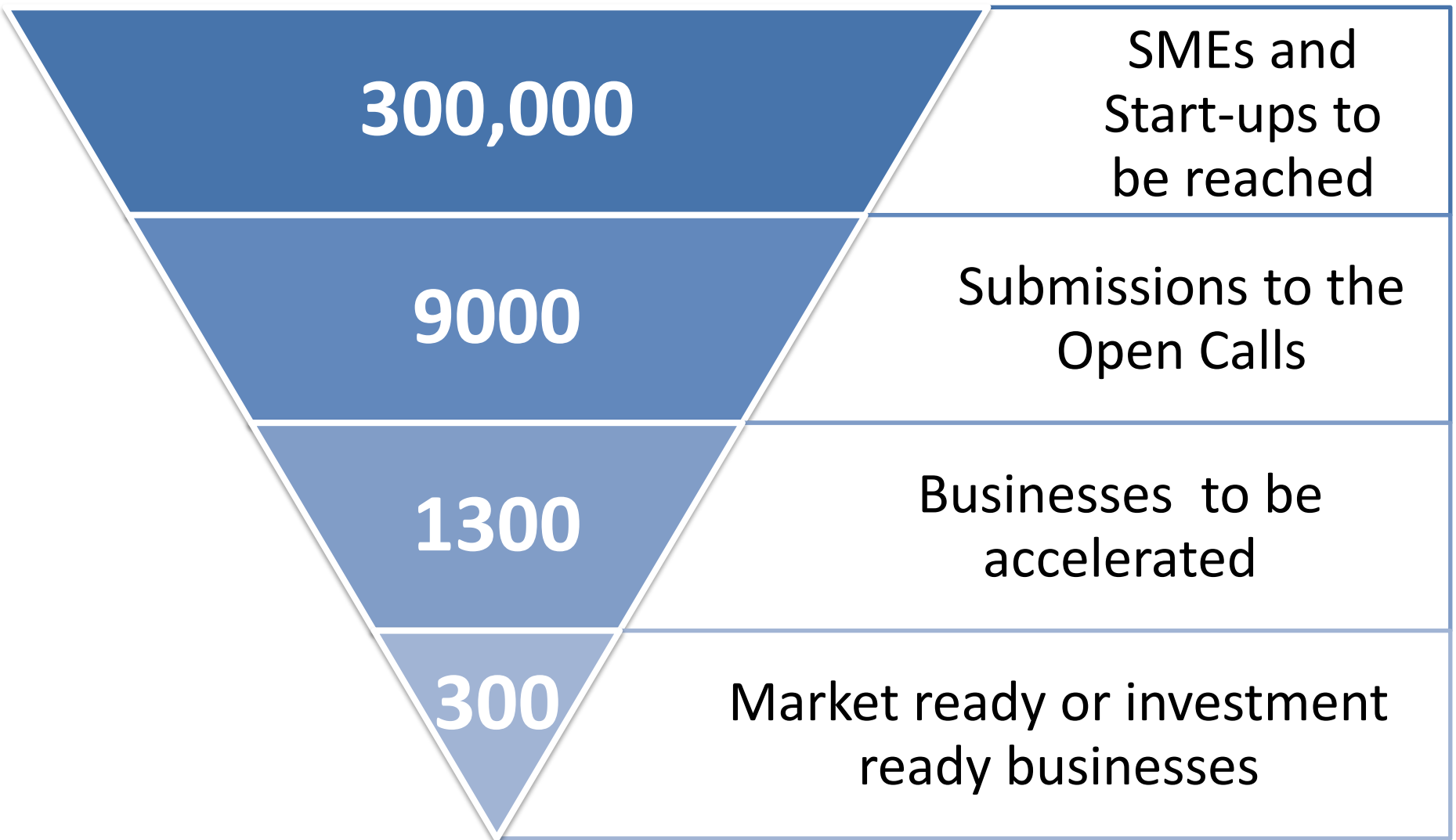
# The Future Internet Accelerators

Up to 150K€ / 0% shares



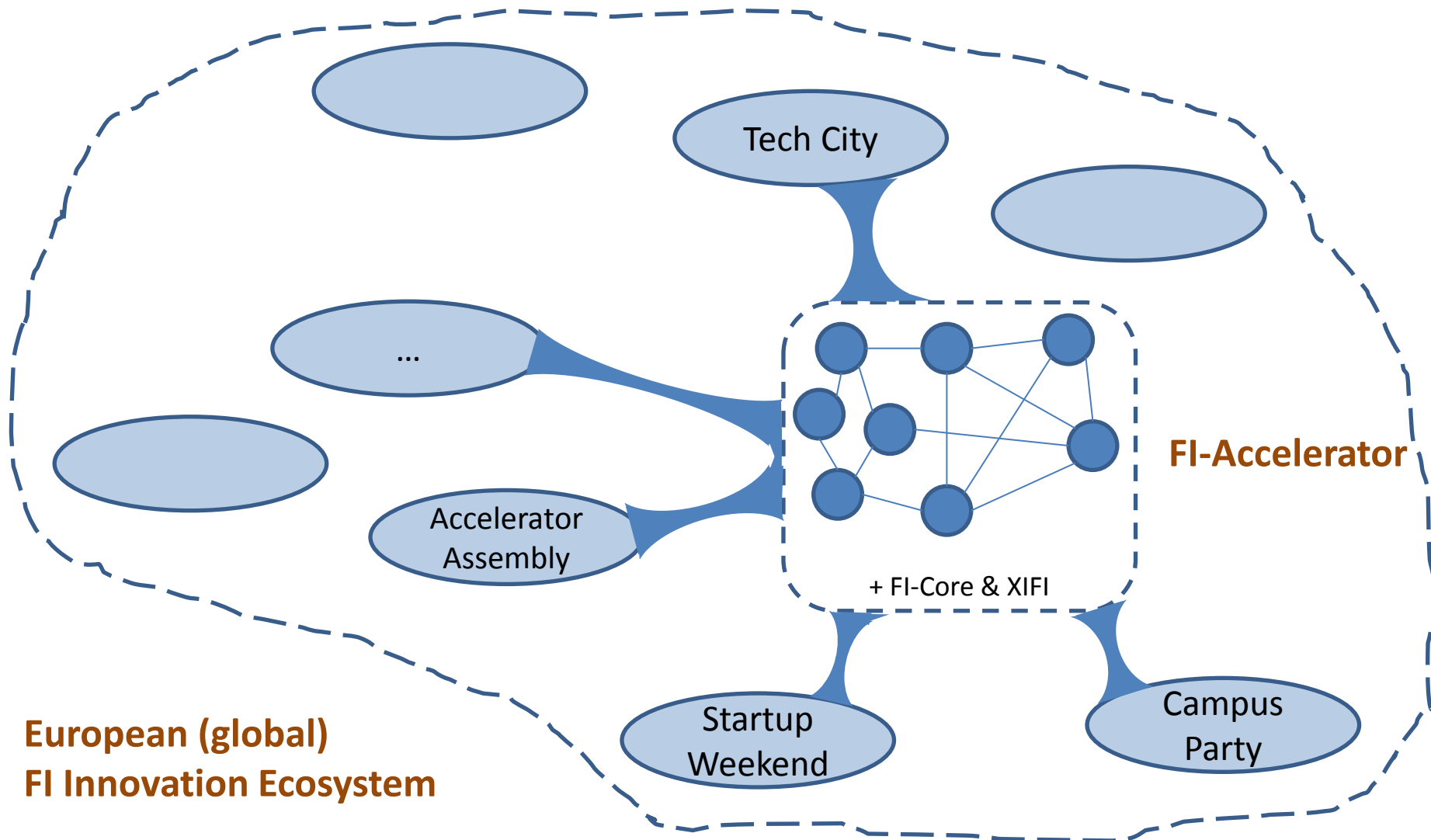
- Potentially hundreds new FI-Ware based products and services
- Potentially hundreds of new companies
- Larger markets (based on standard technology)

# Future Internet Accelerator





# Link & expand the FI-Accelerator





IF I WERE YOU

## 1. FI-WARE ... smell the technology

- FI-Lab ... open innovation test bed
- Campus Party Europe, Madrid, 8-13 Sept
- FI-Ware Challenges & Hackathons

## 2. Generate ideas ... what cool stuff could you make with FI-Ware?

- Open data, Smart City,...
- Specific industry sectors like health, energy, manufacturing, creative content, food, logistics, ...

## 3. Summer 2014: Formulate and validate your Idea, technology and people with

- Friends
- Potential investors

## 4. Select accelerator which fits your needs best

- Methodology and process
- Finance
- Co-location

## 5. September 2014

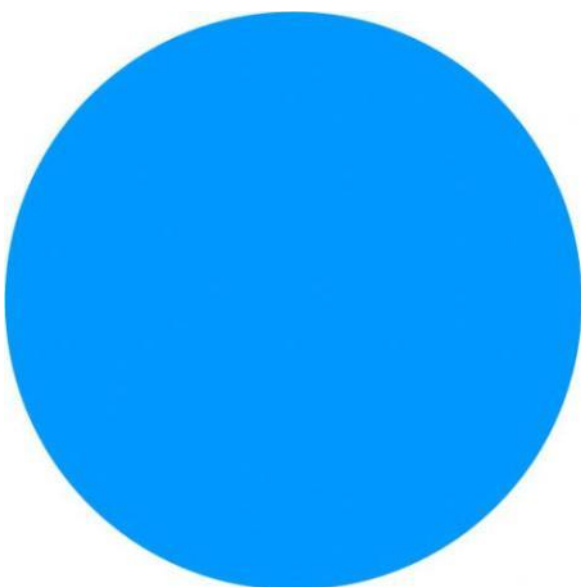




**Calls for  
SMEs and web-entrepreneurs  
will open on  
1 September 2014**

**[www.fi-ware.org](http://www.fi-ware.org)  
#FIWare**





**Campus  
Party™**

Europe



17-18 September 2014 | Munich, Germany

[➤ REGISTER](#)

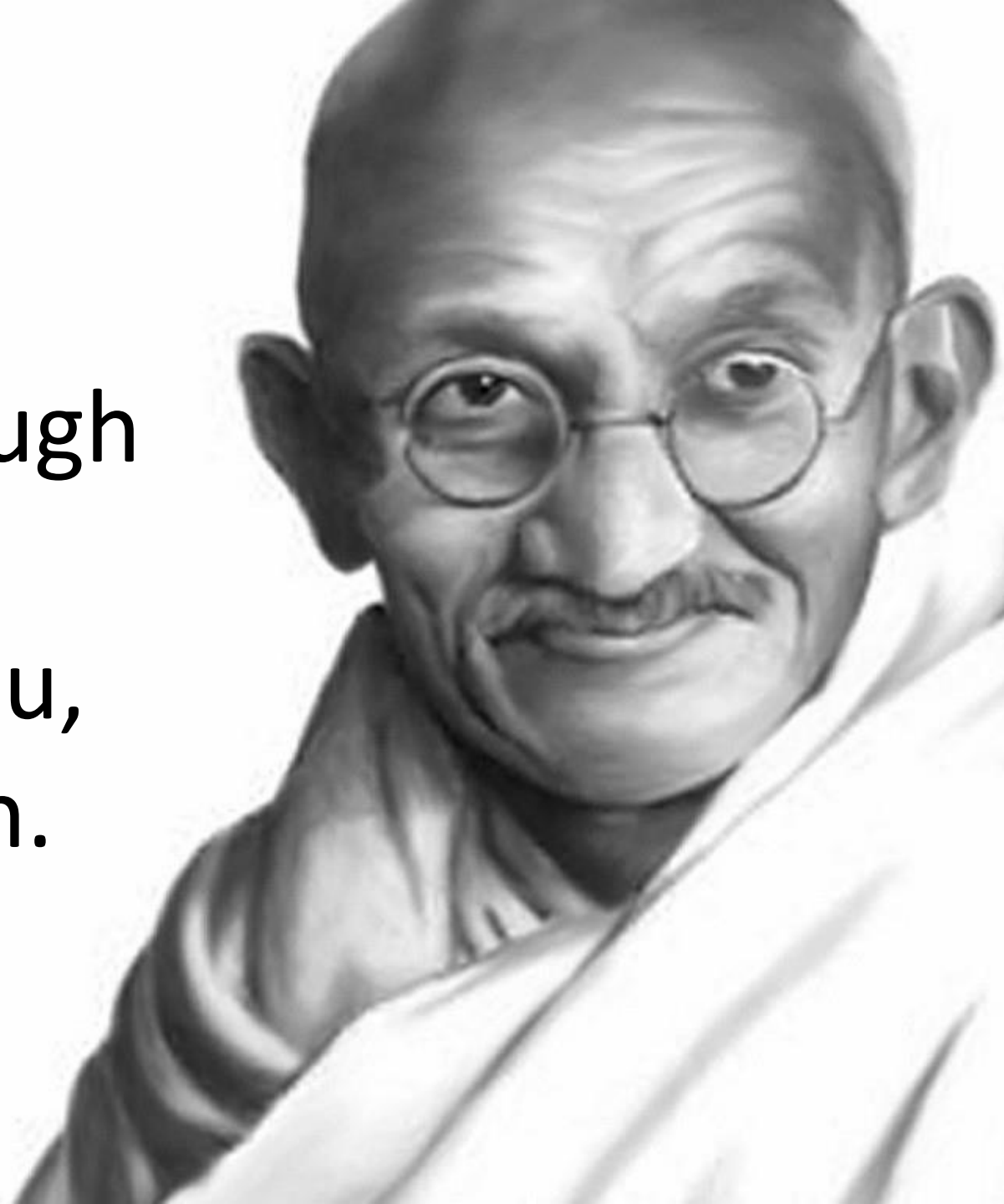


## 2nd European Conference on the Future Internet

The 2nd European Conference on the Future Internet (ECFI) presents trends, technologies and innovations for the smart use of tomorrow's Internet in different application sectors. The event will bring together key stakeholders from large industry players as well as SMEs to discuss the development of Future Internet infrastructures and services in Europe. ECFI Munich will present cutting-edge research results on the European Internet infrastructures and services of the future, which have been developed in the Future Internet Public-Private Partnership (FI-PPP).

In addition, the event will mark the start for the SME-driven innovation phase of the programme, where the FI-PPP will invest 80 million euros for application and service projects driven by European SMEs. The FI-PPP is a European programme for Internet-enabled innovation aiming to accelerate the development and adoption of Future Internet technologies in Europe.

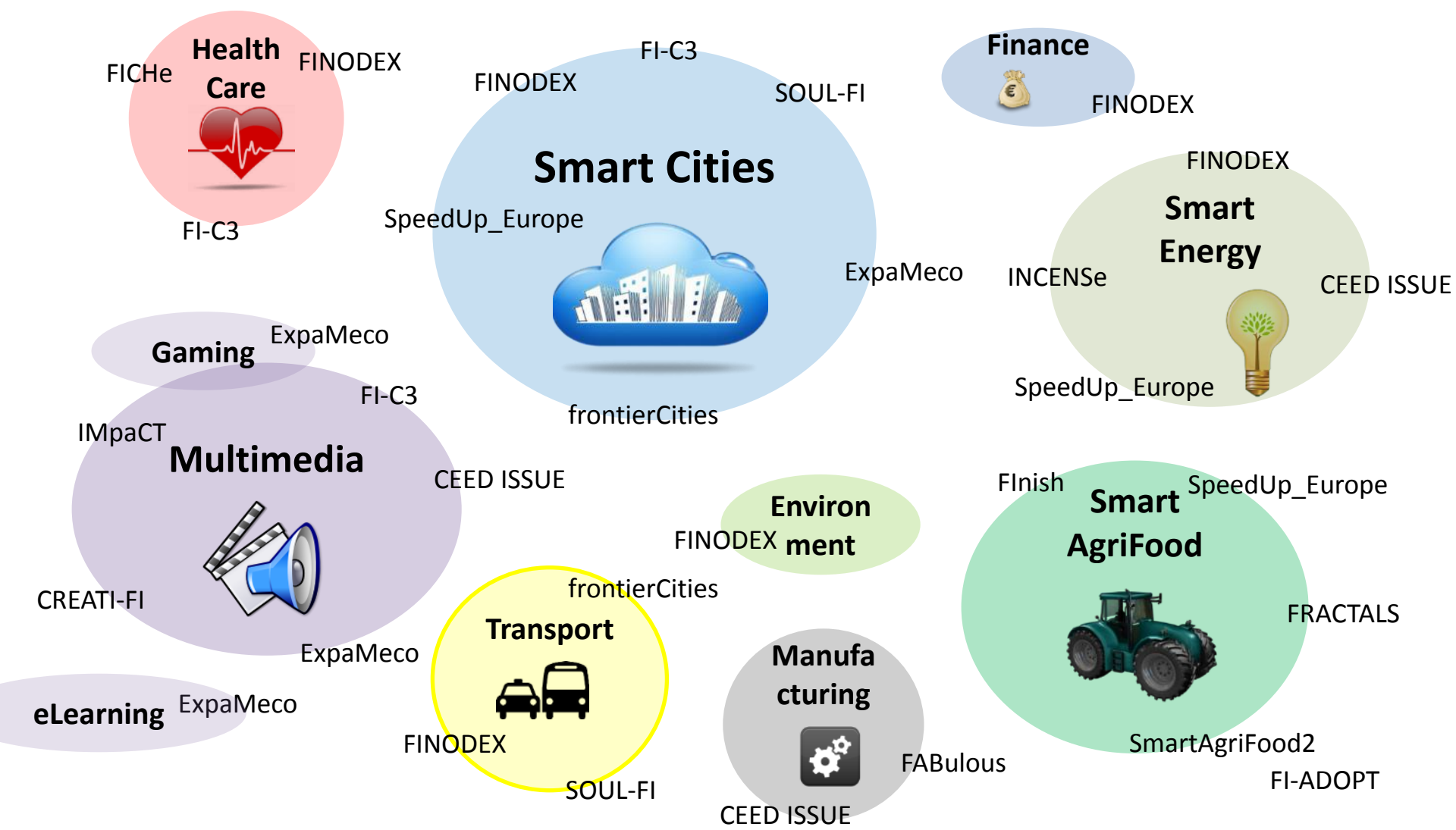
First they  
ignore you,  
then they laugh  
at you, then  
they fight you,  
then you win.





Backup

# Many Sectors are covered by the Accelerators



# FI Accelerators (Example)

PROJECT	DOMAIN	1 <sup>st</sup> CALL		2 <sup>nd</sup> CALL	3 <sup>rd</sup> CALL
		OPEN	CLOSE		
FINODEX	Health Environment Transport Finance Not domain specific	Oct 14	Dec 14	Y	N
SmartAgriFood2	Agriculture	01 Sept 14	30 Nov 14	N	N
SpeedUp_Europe	Agriculture Energy Smart Cities	10 Sept 14	10 Dec 14	Tbc	Tbc
FRACTALS	Agriculture	30 Nov 14	28 Feb 15	N	N
SOUL-FI	Smart Cities .Transport	01 Sept 14 Round A 01 Sept 14 Round B	April 15 Round A August 15 Round B	Y	N
INCENSE	Energy Cleantech	Nov 14	Jan 15	Y	N
FICHe	Health	01 Sept 14	31 Oct 14	N	N
FI-C3	Creative Industry Health Smart territories Media & Content	01 Nov 14	30 Nov 14	Y	Y



# 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**