FIWARE opportunities for SMEs

Ivrea, 2nd December 2014

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http://fiware.org

http://lab.fiware.org

FIWARE ACCELERATOR PROGRAMME

Supporting Web enterpreneurs, startups and SMEs

Excellent people
+
Excellent ideas

Up to 150 K€/
0% shares (equity-free!)

FIWARE
Accelerate

Direct Funding (grant) | Mentoring | Coaching | Support | Networking

FIWARE
OPEN APIs FOR OPEN MINDS
http://lab.fi-ware.org

New applications
and services
New companies
New markets

Open in Sept 2014 - www.fiware.org

PART 1

FIWARE and FIWARE Lab in the FI-PPP

The FI-PPP Programme in summary…

- Has the goal of capturing opportunities derived from the new wave of digitalization of life and businesses

- Building an ecosystem where entrepreneurs, domain stakeholders and technology providers fulfill their needs

- The four main pillars are:

FIWARE — **A generic, open standard platform which serves the needs of developers in multiple domains**

FIWARE Lab — **A meeting point where innovation takes place, and opportunities can be incubated**

FIWARE Ops — **The suite of tools that ease deployment and operation of FIWARE instance nodes**

FIWARE Accelerate
Join the innovation ecosystem — **A program that funds developers and entrepreneurs, and ignites roll-out of the ecosystem**

FIWARE BUILDING BLOCKS

FIWARE is based upon a series of elements (called Generic Enablers) which offer reusable and commonly shared functions serving multiple areas of use across various sectors.

FIWARE Generic Enablers are classified into the following FIWARE Technical Chapters:

1. Cloud hosting

The fundamental layer which provides the computation, storage and network resources on top of which services are provisioned and managed.

2. Data/Contex Management

The enablers easing access, gathering, processing, publication and analysis of data at large scale, transforming it into valuable knowledge available to applications.

3. Architecture of Applications/ Services Ecosystem and Delivery Framework

The framework to co-create, publish, cross-sell and consume applications/services, addressing all business aspects.

4. Interface to Networks and Devices (I2ND)

The enablers to make the most of underlying network infrastructure capabilities.

5. Security

The mechanisms which ensure that the delivery and usage of services is trustworthy and meets security and privacy requirements.

6. Internet of Things (IoT) Services Enablement

The bridge where Future Internet services interface and leverage the ubiquity of heterogeneous, resource-constrained devices in the Internet of Things.

7. Advanced Middleware and Web-based User Interface

A set of enablers that make it easy to incorporate 3D & Augmented Reality capabilities in web-based user interfaces, plus the most efficient backend middleware ever.

FIWARE
Open APIs for Open Minds

www.fiware.org

The FIWARE Catalogue

- catalogue.fiware.org a kind of executive summary per Generic Enabler

FIWARE Lab: the "meeting point" where innovation takes place

FIWARE LAB

App Customers and Data providers

- Connect to entrepreneurs
- Put their data at work
- Bring new innovative services to end users
- Be more efficient
- Social Reputation

Entrepreneurs, Developers

- Develop once for a large market
- Easily meet potential customers
- Marketing, promotion
- Ability to test with real data and end users
- Simple yet powerful APIs that accelerate product development

FIWARE Lab

Spark your imagination

FIWARE Technology Providers

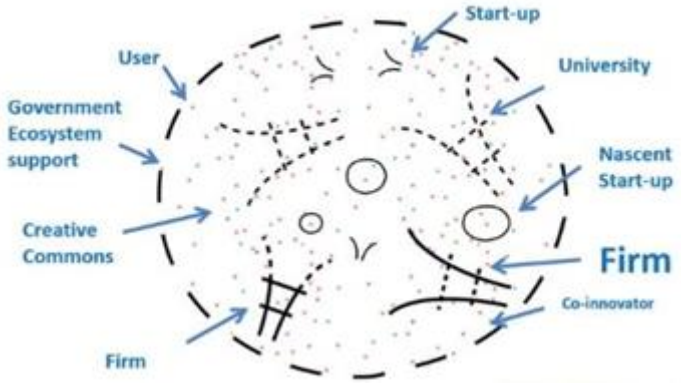
- "Coopetitive" approach
- Connect to entrepreneurs: jointly exploit the opportunities

- 4,2 M€ promotion campaign
  - Campus Party events
  - Startup Weekend events
  - Chambers of Commerce
  - 870 K€ in prizes
- 100 M€ of funding devoted to entrepreneurs in phase 3 of the FIWARE program

FIWARE Lab: the "meeting point" where innovation takes place

A live instance of FIWARE available to developers for free experimentation

FIWARE Lab
Spark your imagination



Not only platform, tools…this is powered by data!

Data in FIWARE Lab

Welcome to FIWARE Lab Data

Welcome to the FIWARE Lab Data Portal, a da
Cities and organizations to offer Data to be us
and entrepreneurs for experimentation.

"SMART CITIES ARE OF STRATEGIC INTEREST FOR ALL OF US"
FI-WARE for Smart Cities

Groups

- Gestione del territ... (193)
- Welfare (162)
- Economia (114)
- Demografia (91)
- Conoscenza (67)
- Amministrazione (59)
- Ambiente (18)
- Turismo (15)
- Mobilita (13)
- Meteo (10)

Show More Groups

Tags

agenda 21 (82)

CSV

FiWare CitySDK Lisbon Tourism Information

FiWare CitySDK Lisbon Tourism Information

CSV

evolucion abonos demo sevilla CF

demo sevilla para carga de datasets

CSV

Valencia carga electrica

Copia de Valencia Carga Eléctrica para pruebas

CSV

fiware-gtfs-carris

GTFS data for CARRIS (Lisbon bus agency)

CSV

PART 2

FIWARE Accelerator Program

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New markets

Open in Sept 2014 - www.fiware.org

Opportunities from the FIWARE Accelerator program

http://www.fi-ware.org/accelerators/

We are organized by sectors

FIWARE Accelerators

16 FIWARE Accelerators

16 Different acceleration and financing programs

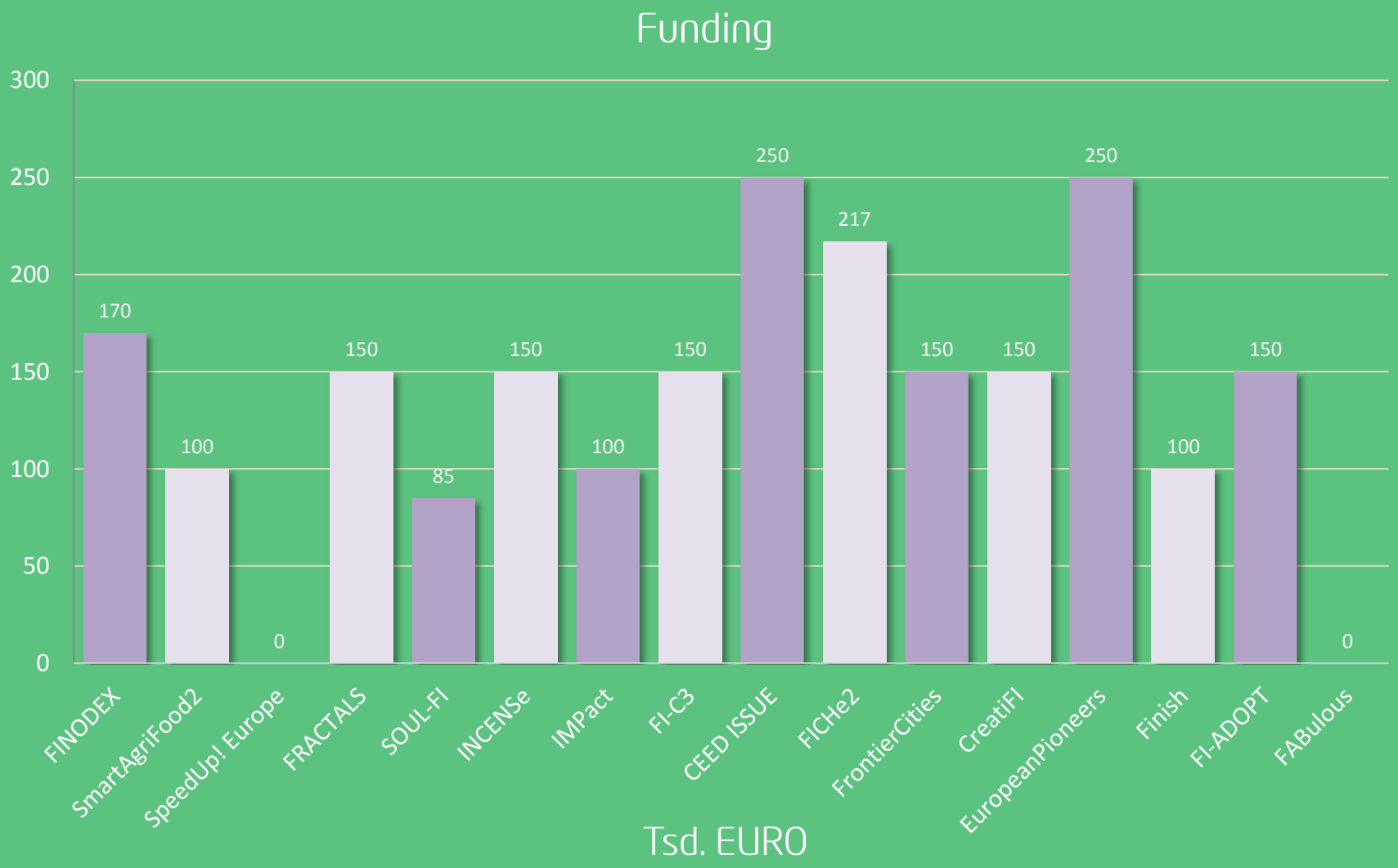
We want to reach YOU!

We want to select YOU (the best)!

We want YOU to be successful!

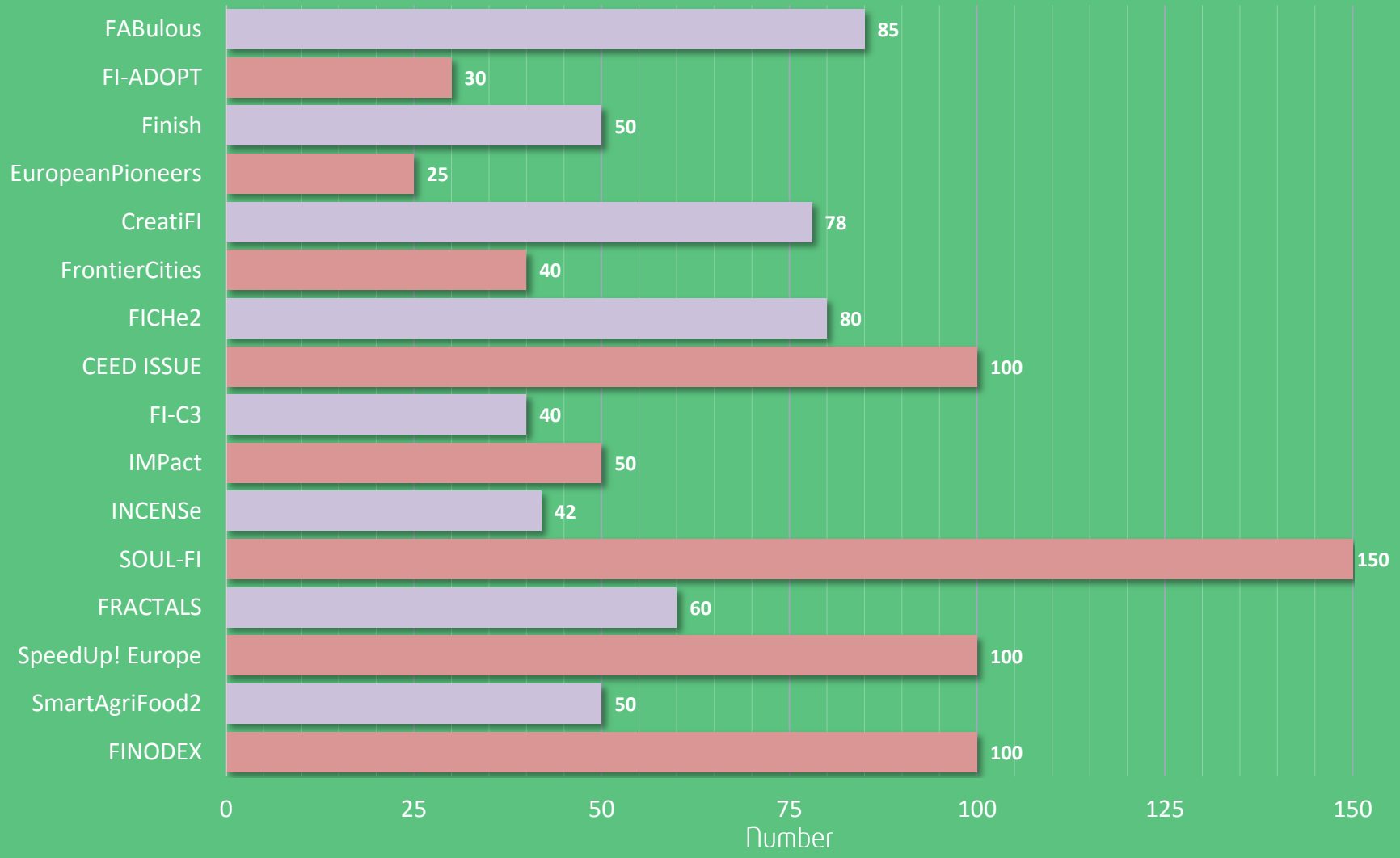
16 Different Programs

Funding "up to..." (Tsd. EUR)



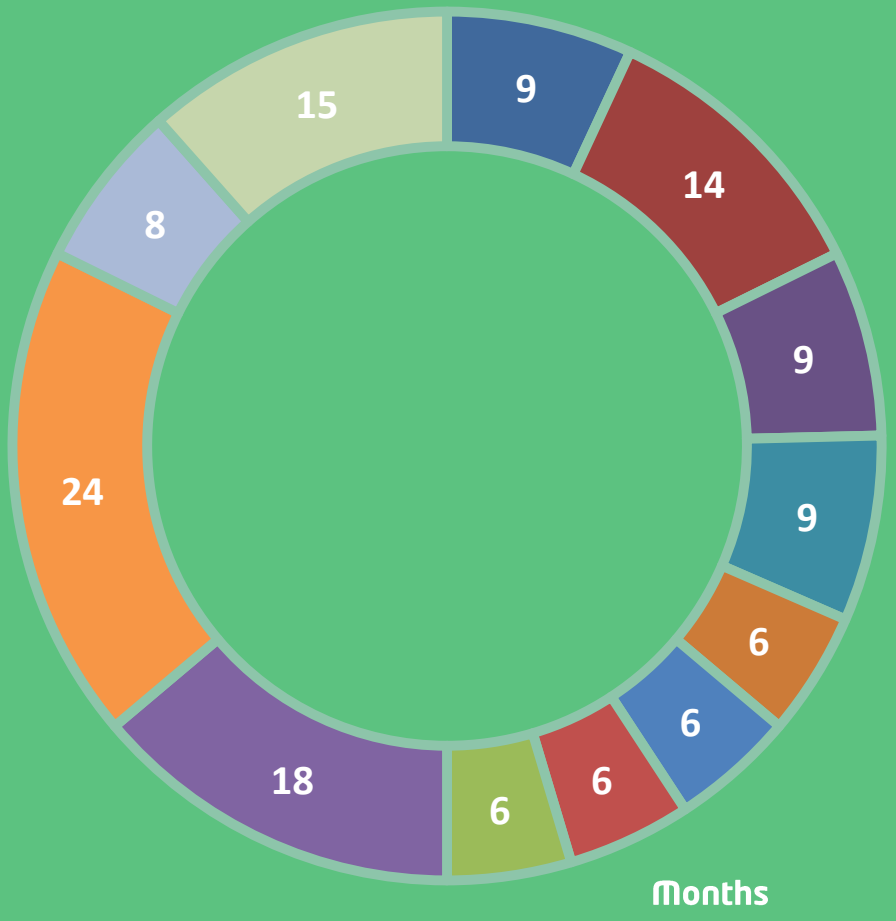
16 Different Programs

Nr. of Sub-grantees, "up to..."



16 Different Programs

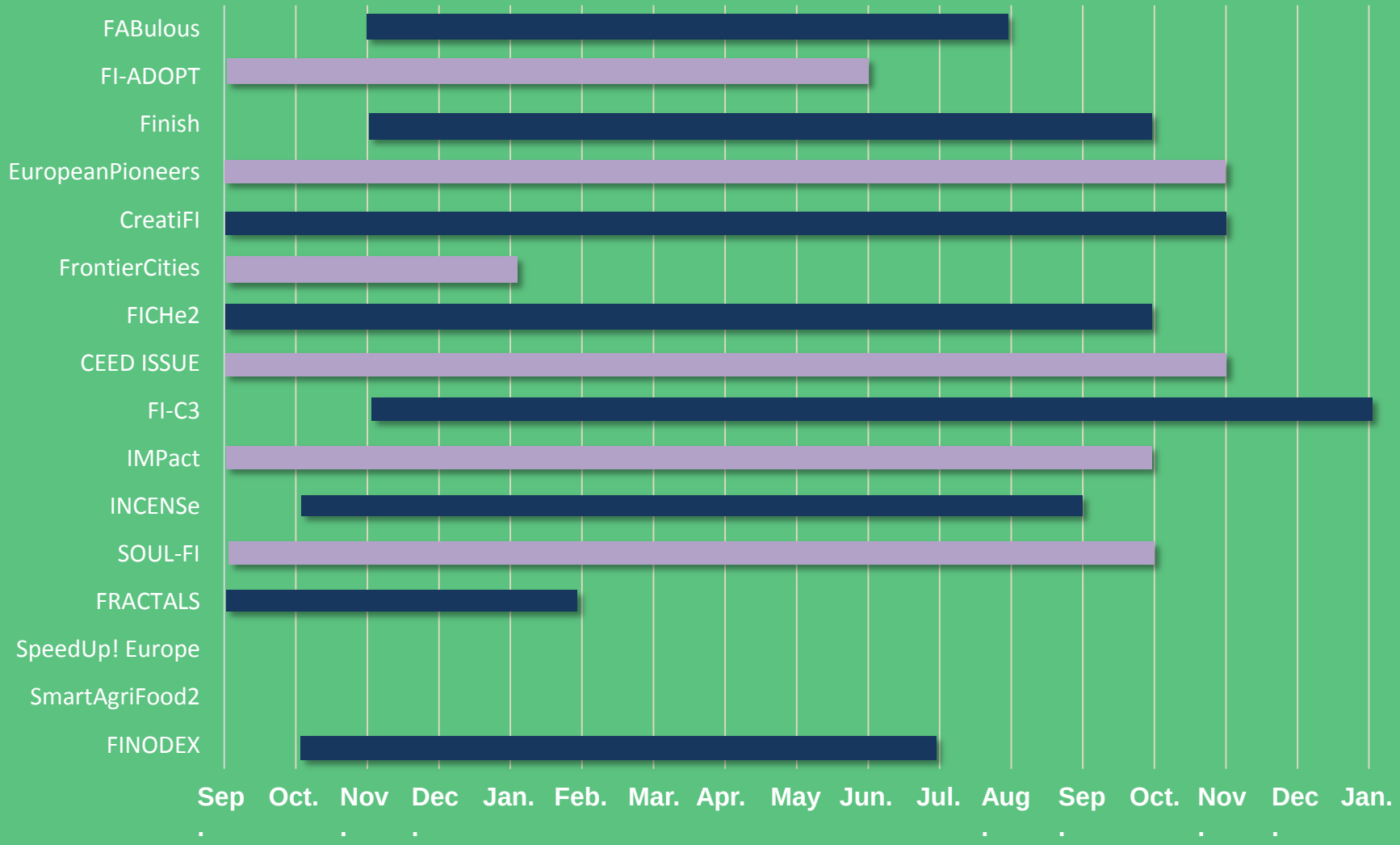
Acceleration program duration, "up to..."



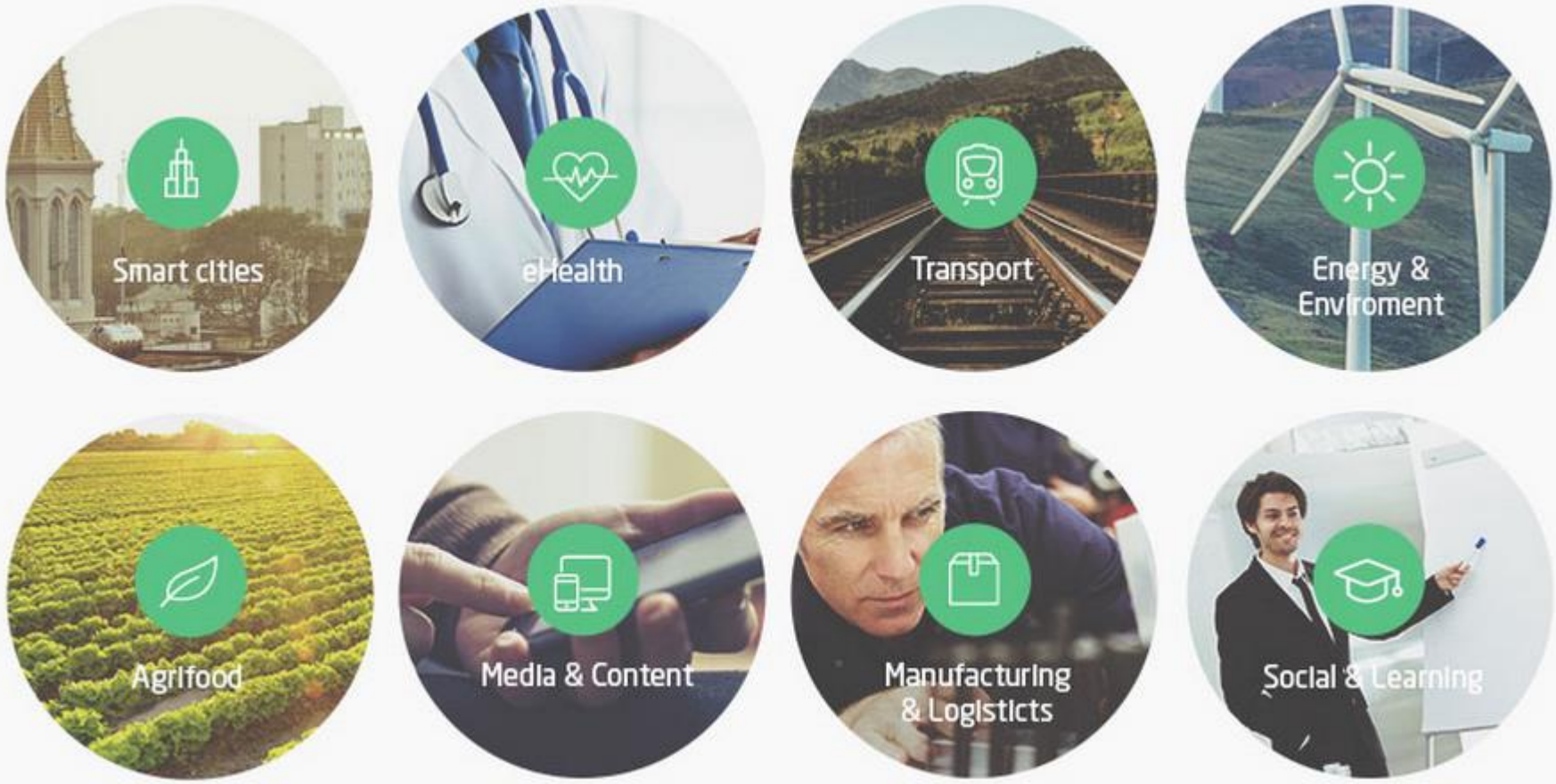
- FINODEX
- SmartAgriFood2
- SpeedUp! Europe
- FRACTALS
- SOUL-FI
- INCENSe
- IMPact
- FI-C3
- CEED ISSUE
- FICHe2
- FrontierCities
- CreatiFI

16 Different Programs

Calls timeline



FIWARE Accelerators - Sectors



http://www.fi-ware.org/accelerators/

FIWARE Accelerators

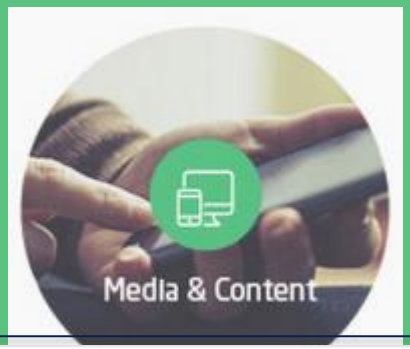
Smart cities	
CEED Tech	Apply Now
EuropeanPioneers	
FI-C3	
frontierCities	Apply Now
IMPACT	
INCENSe	Apply Now
SOUL-FI	Apply Now
SpeedUP!	Apply Now

Transport	
SOUL-FI	Apply Now
Finodex	Apply Now
FInish	Apply Now
frontierCities	Apply Now

Energy & Environment	
SOUL-FI	Apply Now
INCENSe	Apply Now
Finodex	Apply Now
CEED Tech	Apply Now
SpeedUP!	Apply Now

reuse of open data to promote the creation of innovative ICT services and products

FIWARE Accelerators



Media & Conte

CreatiFI	
IMPACT	
CEED Tech	Apply Now
FI-C3	
EuropeanPionee	
FABulous	Apply Now

Social & Learning

SOUL-FI	Apply Now
IMPACT	
FI-ADOPT	
EuropeanPioneers	

eHealth

FI-ADOPT	
Finodex	Apply Now
FI-C3	
FICHe	Closed

reuse of open data to promote the creation of innovative ICT services and products

FIWARE Accelerators

Agrifood	
FRACTALS	Apply Now
FInish	Apply Now
SmartAgriFood	Closed
SpeedUP!	Apply Now

Manufacturing & Logistics	
FABulous	Apply Now
CEED Tech	Apply Now
FInish	Apply Now

FIWARE

Accelerate

Join the innovation ecosystem

Thank you!

Funded by
the European Union

"This project has received funding from the European Union's Seventh Framework Programme for research, technological development and demonstration under grant agreement no 632814"

Il Servizio del Polo ICT

- Cosa offriamo:
  - **Orientamento:** supporto interpretativo al bando e identificazione ambito prioritario dello sviluppo progettuale
  - **Help Desk interpretativo:** verifica della rispondenza del progetto ai temi del bando e ai criteri di ammissibilità e di valutazione
    - Valutazione della bozza di proposta progettuale, compilata al 70%, verificando il possibile superamento dei livelli minimi richiesti per "Eccellenza Tecnica", "Livello di utilizzo della tecnologia FI-WARE", "Market Readiness".

- A chi viene fornito
  - PMI appartenenti al **Polo ICT** o imprese interessate al servizio che intendono aderire al Polo.

- A quali condizioni
  - L'applicazione prevede l'utilizzo dei Generic & Specific Enablers FI-WARE
  - L'applicazione ha elementi d'innovazione tecnologica (rispetto allo stato dell'arte), i potenziali utilizzatori e i loro benefici sono chiaramente identificati.
  - L'idea progettuale deve essere presentata sul format del Polo ICT (modulo di richiesta)

http://www.poloinnovazioneict.org/fiware_accelerator_programme.php

Thanks!

www.fiware.org
@Fiware

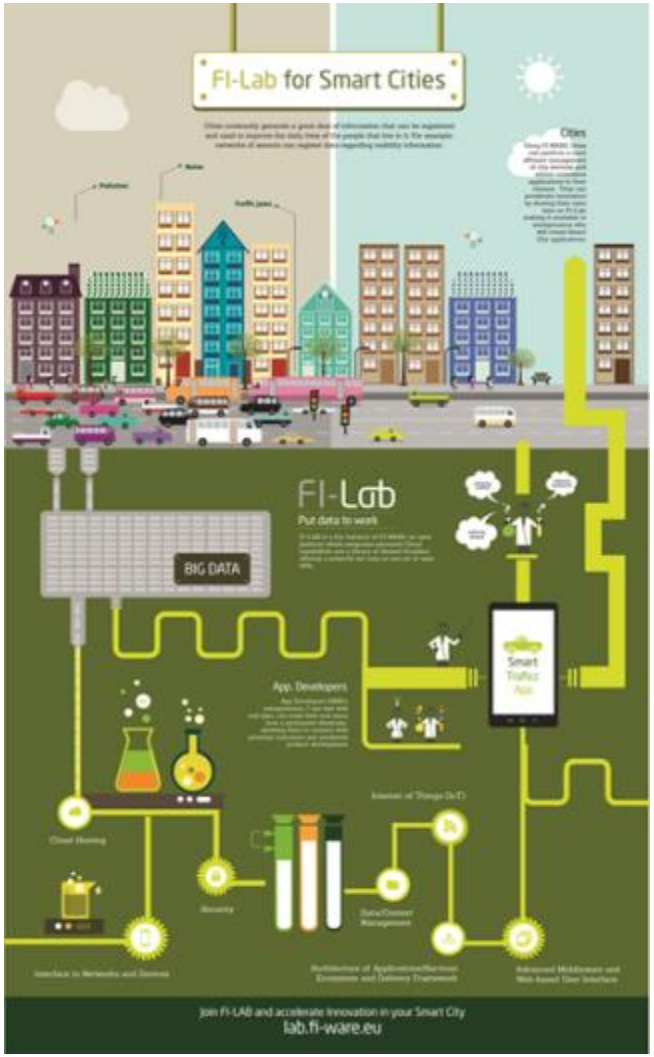
Funded by
the European Union

PART 3

FIWARE and Torino Smart City

FIWARE Lab for Smart Cities

- Neelie Kroes at Campus Party Europe in London (full speech here):
  - *"Smart cities are a great example … They create platforms, and use them, making open data and applications available – to citizens, to developers, to innovators, to come up with yet more ideas … and this is where initiatives like the FI-LAB come in. Led by industry, this is a major investment in generic technology."*
- Cities connecting to FIWARE Lab putting their data at work
- Involvement of Smart Cities in FIWARE
- Challenge to engage developers in building applications about smart cities



Cities connected to FIWARE Lab

FIWARE

FIWARE Lab FIWARE Ops

FIWARE and Torino Smart City

CITTA' DI TORINO

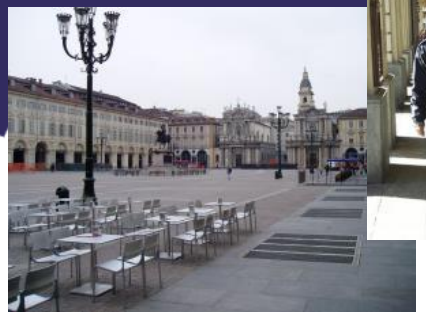
TORINO SMART CITY

In 2013, the Torino municipality developed its

SMART CITY MASTERPLAN

through the SMILE project, especially prioritizing

URBAN SECURITY



The municipality declared its interest in:

- supporting the connection to the FIWARE Lab through the **publication of Open Data** in the Urban Security domain
- experimenting the **adoption of FIWARE technologies** as basis for the development of applications/services for smart city

FIWARE

FIWARE Lab FIWARE Ops

FIWARE and Torino Smart City

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FIWARE

FIWARE Lab FIWARE Ops

Connecting Torino to FIWARE Lab

Supporting the connection to the FIWARE Lab through the **publication of Open Data** in the Urban Security domain

Dataset selection

Non-emergency calls made by citizens to the Local Police

Why this information has been selected?

Connecting Torino to FIWARE Lab

Why this information has been selected?

- strongly related to **citizens' participation and engagement** on urban quality of life … more and more a relevant issue for Smart Cities
- relevant **opportunities for developing solutions** for improving security policy making, enhancing co-operation between citizens and police, increasing feeling of security
- information about citizen engagement on urban security is **not already available as open data**
- data characterised by **highly sensitive nature** requires to cope with issues related to its publication and use

Connecting Torino to FIWARE Lab

Supporting the connection to the FIWARE Lab through the **publication of Open Data** in the Urban Security domain

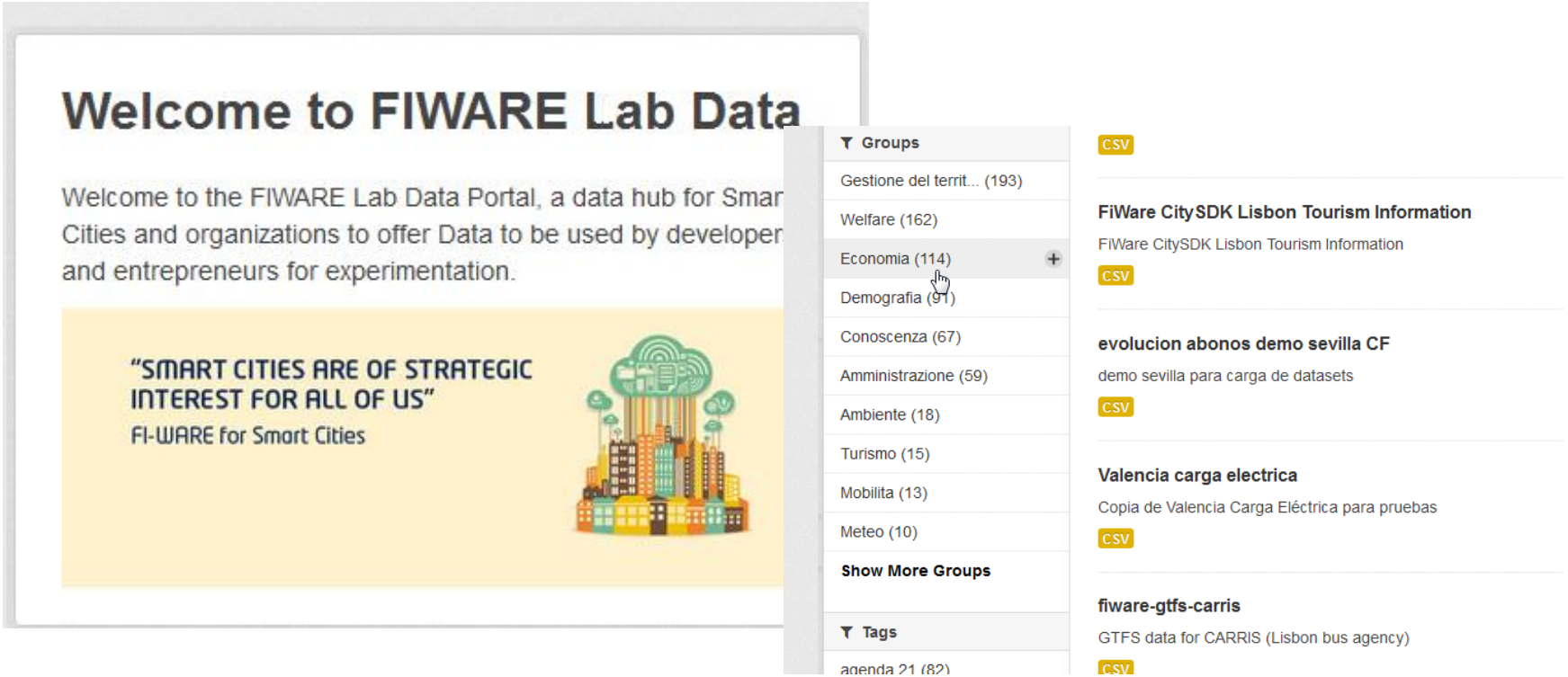
Publication on Torino Open Data Portal

http://aperto.comune.torino.it/?q=content/segnalazioni-al-contact-center-della-polizia-municipale

Connecting Torino to FIWARE Lab

Supporting the connection to the FIWARE Lab through the **publication of Open Data** in the Urban Security domain

Uploading on FIWARE Lab Data Portal



FIWARE

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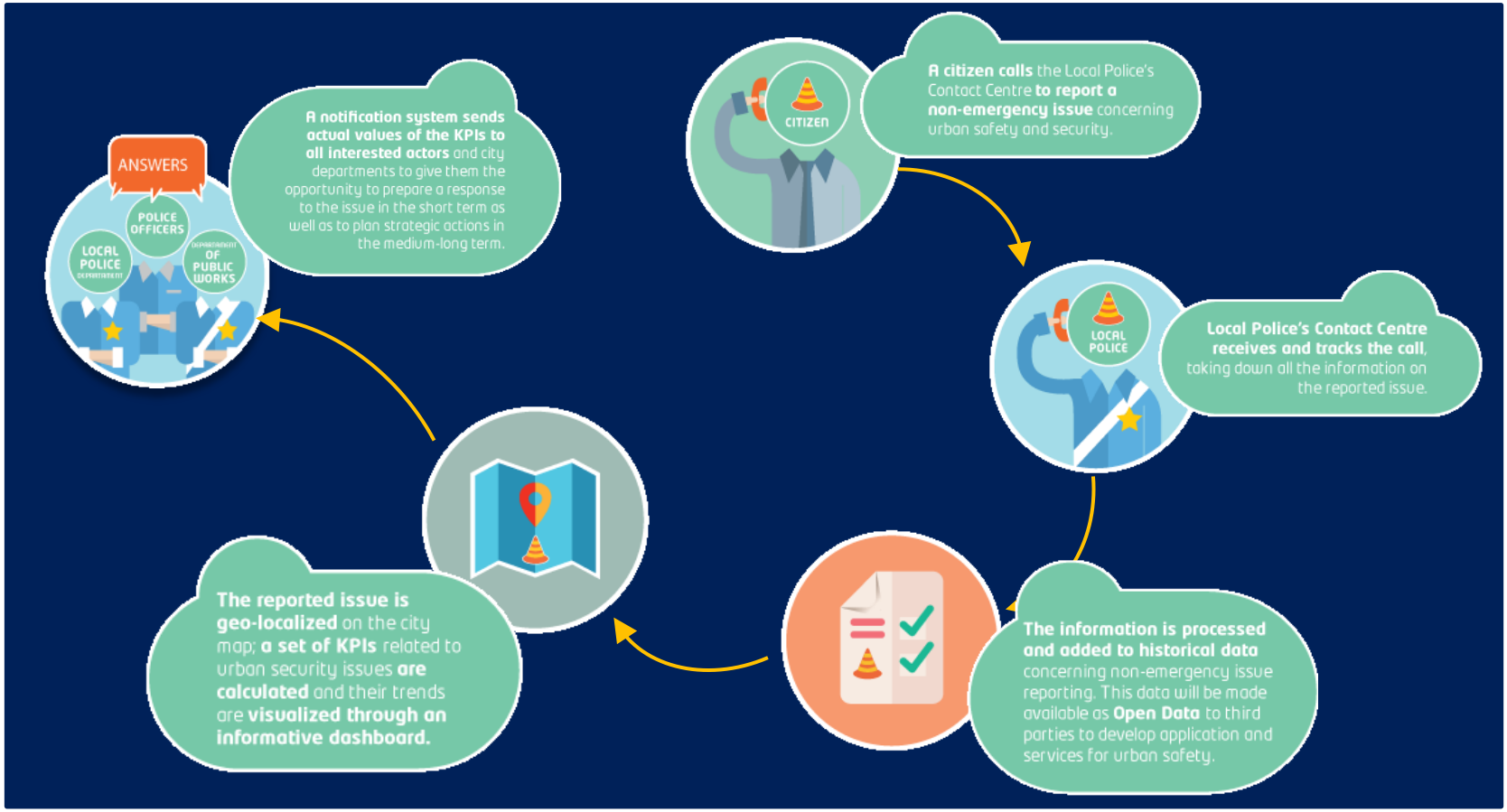
FIWARE

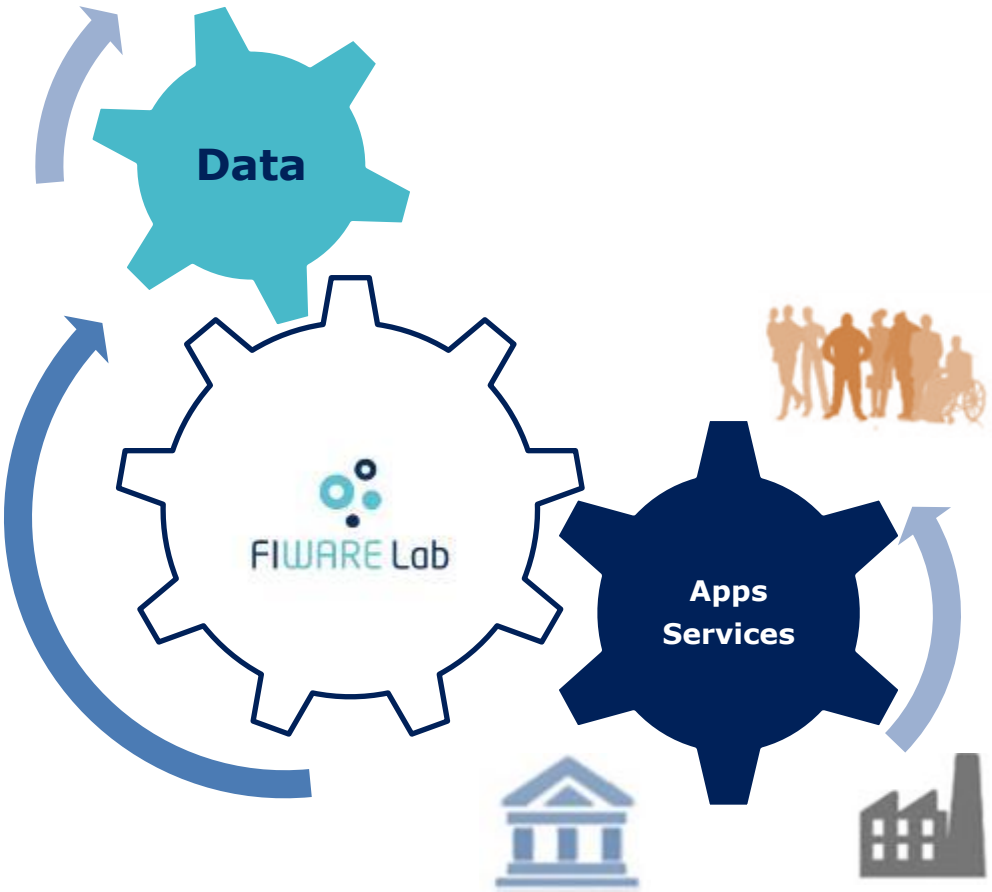
FIWARE Lab FIWARE Ops

Experimenting innovative applications

Testing applications/services for smart city based on the **adoption of FIWARE technologies** and using the information made available as open data



FIWARE and Torino Smart City projects



FIWARE

FIWARE Lab FIWARE Ops

Thanks!

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the European Union

FIWARE Accelerators - sectors

FI Accelerator Project	Domain
CEED Tech	Smart cities, Energy & Environment, Media & Content, Manufacturing&Logistics
CreatiFI	Media & Content
EuropeanPioneers	Smart cities, Media & Content, Social & Learning
IMPACT	Smart cities, Media & Content, Social & Learning
FABulous	Media & Content, Manufacturing & Logistics
FI-C3	Smart cities, eHealth, Media & Content
FICHe	eHealth
FI-ADOPT	eHealth, Social & Learning
FINODEX	eHealth,Transport, Energy & Environment
SmartAgriFood	Agrifood
FRACTALS	Agrifood
Finish	Transport, Agrifood, Media & Content, Manufacturing & Logistics
SpeedUp!	Smart cities, Energy & Environment, Agrifood
INCENSe	Smart cities, Energy & Environment
frontierCities	Smart cities, Transport
SOUL-FI	Smart cities, Transport, Energy & Environment, Social & Learning

FIWARE Accelerators - Open Calls

FI Accelerator Project	First Call	Second Call	Third Call
CEED Tech	15 Sept 2014 - 15 Dec 2014	July - Oct 2015	
CreatiFI	01 Oct 2014 - 30 Nov 2014	01 Sept 2015 - 30 Sept 2015	
EuropeanPioneers	01 Sep 2014 - 31 Oct 2014	Feb 2015	July 2015
IMpaCT	29 Sept 2014 - 07 Nov 2014		
FABulous	01 Nov 2014	02 Jun 2015	
FI-C3	01 Nov 2014 - 30 Nov 2014	01 May 2015	01 November 2015
FICHe	15 Sept 2014 - 31 Oct 2014		
FI-ADOPT	15 Sept 2014 - 30 Oct 2014	15 Dec 2014 - 30 Jan 2015	15 Mar 2015 - 30 Apr 2015
FINODEX	07 Oct 2014 - 19 Dec 2014	May 2015 - July 2015	
SmartAgriFood	15 Sept 2014 - 15 Nov 2014		
FRACTALS	30 Nov 2014 - 28 Feb 2015		
Finish	29 Oct 2014 - 10 Dec 2015	15 March 2015 - 30 Apr 2015	
SpeedUp!	5 Sept 2014 - 10 Dec 2014		
INCENSe	15 Oct 2014 - 15 Jan 2015	June 2015 - September 2015	
frontierCities	20 Nov 2014 - 14 Jan 2015		
SOUL-FI	15 Sept 2014 - 31 Oct 2014	01 Nov 2014 - 27 Feb 2015	28 Feb 2015 - 26 Jun 2015