

## MISSION TO FIWARE SUMMIT, MALAGA

**13-15 DECEMBER, 2016**

**13/12/2016** *Travel to Malaga, arriving late evening*

**14/12/2016**

- 8:30 -8:50 Taxi from hotel to Conference venue [REDACTED]
- 9:00-9:45 Meeting [REDACTED] FIWARE Foundation [REDACTED], at Conference Center (room tbc by [REDACTED])
- 10:00-11:30 Opening Plenary session
  - 10:00-10:20 Welcome by the host (Malaga Mayor or Andalusia Governor)
  - 10:20-10:40 Keynote "Open Services Platform supporting the Digital Single Market", [REDACTED] personal data
  - 10:40-11:00 Keynote "FIWARE: the platform behind Digital Services you will love", [REDACTED], FIWARE Foundation [REDACTED]
  - 11:00-11:30 Keynote "Mobility of the Future in IDS with impact on Lifestyle, cities and businesses", [REDACTED], Siemens
    - Or meet with Andalusia Governor / Malaga Mayor
- 11:30-12:45 Free slot – possibilities:
  - Free tour of FIWARE showcases in exhibition
  - 12:00-12:45 FIWARE for Smart Cities – Panel discussion
- 12:45-13:15 [REDACTED]  
[REDACTED]
- 13:30-15:00 Lunch with FIWARE Foundation [REDACTED] (ATOS, Telefonica and Engineering) + FIWARE Foundation [REDACTED]
- 15:00-16:30 Free slot – possibilities:
  - 15:00-15:45 FIWARE for Smart Industry – Panel discussion
  - 15:00-15:45 session where TM Forum and FIWARE Foundation present recently signed Joint Collaboration Program regarding Smart Cities to selected cities and Smart City solution integrators (Red.es and the Spanish Ministry expected to attend)
  - 15:45-16:30 Going global: the FIWARE Mundus Programme
- 16:30-17:45 Meetings
  - 16:30-17:00 [REDACTED]  
[REDACTED] (time tbc)
  - 17:15-17:45 [REDACTED]
- 17:45-18:45 Free slot – Possibilities:
  - (17:30)-18:15 Supporting Startups and SMEs: FIWARE Accelerator Programme
  - 18:15-18:45 Acting local: FIWARE iHubs Programme
- 18:45-19:00 Closing: [REDACTED], Atos [REDACTED]
- 19:00-19:45 Meeting with [REDACTED]
- 20:00-23:00 FIWARE Summit Evening Event
  - Meet [REDACTED] (maybe late arrival, so probably around 22:00)

**15/12/2016**

– 9.50: *Travel back to Brussels (tbc)*

## Context of the event

- The FI-PPP (Future Internet - Public Private Partnership) has developed FIWARE.
- FIWARE is a well advanced example of the industrial trend towards Open Service Platforms and the data economy, well in-line with the DSM objectives.
- FIWARE is an open community, for example the most recent partnerships include the European Data Portal, TM Forum, NIST (The U.S. Department of Commerce's National Institute of Standards and Technology) for the GCTC2016 (Global City Teams Challenge), CEF Digital (one CEF building block already integrated in FIWARE Platform). This strengthens FIWARE as industrial vanguard of an Open Service Platform surrounded by a growing open innovation ecosystem.
- On 15 July 2015: Commissioner Oettinger agreed with taking policy actions in relation to the advent of Open Service Platforms, with focus on:
  - **Create favourable and fair conditions required for an open, multi-vendor platform ecosystem to succeed:** a mix of very limited direct support to FIWARE sustainability, recommending and streamlining the use of FIWARE in relevant EC initiatives, and building a dialogue with other DGs (e.g. DIGIT) for using FIWARE components and vice-versa.
  - **Build a policy response for safeguarding future European platform competitiveness:** This aims at leveraging the DSM actions, notably through the ongoing consultation assessing the role of platforms, the Digital Service Infrastructures supported under the Connecting Europe Facility, and standardisation related work.
  - **Network Member States activities and outreach:** Use the Future Internet Forum as platform for MS and regional engagement in debate on national/regional initiatives specific to open service platforms and open up to other public sector actors, like cities.
- Open Service Platforms were part of the consultation for online platforms.
- FIWARE is a leading example of turning R&D into real products and services. The FIWARE core industry group – ATOS, Orange, Telefonica and Engineering – is coordinating FIWARE's market entry. This includes the creation of the FIWARE Foundation, announced at the Mobile World Congress, 22-25 February, 2016 and finally established in Berlin on 27 October, 2016. This is considered a very important milestone for FIWARE's credibility and sustainability in a world-wide market.
- The FIWARE Foundation is responsible for the sustainability of the FI-PPP results and will ensure this under the brand FIWARE.
- The FIWARE Summit is organised by the FIWARE Foundation and will kick-off a new stage for the FIWARE open Community. It will gather developers, users, companies, cities, accelerators, researchers, public authorities and non-profit

organizations in 3-day event. At the FIWARE Summit, contributors and partners will engage, meet each other, learn about the potential and promote the adoption of the FIWARE technology.

- The FI-PPP comes to an end on 31/12/2016. However, four new "FIWARE Go-to-market" projects are starting now: FI-NEXT, Frontiercities2, Impact-Growth and FI-Global (ICT-12). In addition, two projects from the FIWARE Mexico call started this Autumn: FIWARE Mexico and SMART SDK2. Some IoT LSP have a strong link to the FIWARE ecosystem (Synchronicity and IoF2020).

## Suggested Line to Take

### Open Service Platforms

- Internet is used throughout our society for more and more complex systems and the best – or even only efficient - way forward is to develop the needed complex solutions through large collaborations, based on industry friendly Open Source licenses.
- Commission welcomes the emergence of open service platforms, representing an alternative model to the proprietary models mainly dominated by the big industry players such as IBM and Cisco, as well as Microsoft and many more.
- Commission takes policy actions to support Open Service Platforms with the aim to accelerate a competitive European/global market for platform services, i.e. reduce market fragmentation, create and/or grow this new market and use the networking effect to reach economies of scale faster. These are:
  1. Create favourable and fair conditions for Open Service Platforms and ecosystems
  2. Safeguarding European platform competitiveness
  3. Network MS activities
- COM (2016) 288 on "Online platforms and the DSM": When public money is used to support platform innovation, open platform models should generally be favoured. These include the EU's innovation investments in emerging areas such as virtual reality, smart cities and the Internet of Things, and more generally to form the basis of a sustainable future internet. Open platform ecosystems can offer key advantages in terms of savings on switching costs and market efficiencies. Support by the Commission to ensure that future developments of digital technologies remain open is therefore particularly relevant.

### FIWARE

- EC welcomes the creation of the FIWARE Foundation that will ensure the sustainability of FIWARE (resulting from the FI-PPP).
- Confirm EC support to FIWARE as a leading example of an Open Service Platform and as an innovation ecosystem in the long term.
- Industry should be reminded of FIWARE's important role as leading example of an Open Service Platform and industry must therefore ensure a successful "FIWARE 5 years from now", notably through:
  - Multiple economic sectors taking-up FIWARE,
  - Many organisations joining the FIWARE Foundation,
  - Collaboration with different National innovation ecosystems.

## **Keynote Speech in opening plenary session**

### **SPEAKING POINTS**

- Ladies and Gentlemen, I am very pleased to be here in Malaga to attend the first FIWARE Summit.
- The Commission welcomes the recent creation of the FIWARE Foundation and I thank the FIWARE Foundation for organising this event launching a new stage for the open innovation community.
- This event is a landmark for the growing FIWARE community and FIWARE's leading role as an Open Service Platform.
- Let me now present some key European policy items related to the FIWARE Summit's topics.

### **DSM - DEI**

- With the digital revolution in full swing, digitisation is a fundamental precondition and source of competitiveness for European industry for the decades to come.
- European Commission aims to offer a strong and consolidated answer to the challenges and opportunities raised by the "digitisation" of our economy and society.

- This is why we need a digital single market which proposes European solutions that remove artificial market barriers and creates a strong European Union, with common rules and a strong digital policy.
- In 2015, with the Digital Single Market Strategy, the Commission presented to the world its vision on where we want European citizens and businesses to be in a few years from now.
- Creating a Digital Single Market is the second core priority of the Juncker Commission. This was strongly reaffirmed by President Juncker in September 2016, in his State of the Union address.
- In April this year, the ***Digitizing European Industry*** initiative was announced. Our objective is clear. Ensure that any industry in Europe, big or small, wherever situated and in any sector can fully benefit from digital innovations.
- Digitizing industry requires not only a strong European digital sector, but also taking these technologies and transforming them in innovative solutions across all sectors of the economy.
- Responding timely to global trends and challenges, the ***Digitizing European Industry*** initiative also highlights the

importance of Europe becoming a leader in IoT products and services. Work towards this objective centers on the following 3 pillars:

- A single market for the IoT: IoT devices and services should be able to connect seamlessly and on a plug-and-play basis anywhere in the European Union, and scale up across borders.
  - A thriving IoT ecosystem: open platforms used across vertical silos will help developer communities to innovate. As a kick-start, IoT deployments in selected lead market will be supported.
  - A human-centred IoT as the European approach to IoT is to respect European values, empowering people alongside machines and businesses, thanks to high privacy and security standards, visible notably through the 'Trusted IoT' label.
- Europe should strive for leadership in IoT platforms allowing our businesses to maintain profit margins and managing an ecosystem including SMEs, entrepreneurs and innovators that is anchored in Europe.
  - Successful platforms of the future should be open. This way they can achieve critical mass, allowing platform owners to



encourage third party developers, suppliers and users, as well as competitors to build application and services that run on them, to be more innovative, to easily combine with proprietary technologies, in short to be "future proof" – while also preserving the role of leading European stakeholders in key markets.

- One example of an open technology platform is FIWARE, which already offers a rich library of high-level software components available to any interested party.
- Open platforms like FIWARE can generate the necessary scale by encouraging the creation of open ecosystems and fostering local innovation, providing new jobs and growth in this new digital area and protecting existing jobs.

### **Smart Cities (EiP)**

- Cities are a core piece in the digitisation of our economy and society.
- The Smart Cities market is still a vendor-driven market – this changes slowly by cities realising that key to success is full cooperation at all levels of implementation.
- When it comes to smart city solutions, we need to bet on open, interoperable systems stimulating open innovation. Then city authorities, startups and individual citizens can

customise, adapt and improve on ideas. Buyers can continue to benefit from an open, competitive choice, without getting stuck with one supplier.

- They also need to give access to open data, in usable formats. Moreover, open data and open service platforms enable external developers to build innovative end-user services and applications, such as Fix My Street and Smart Water Meters. Open and interoperable smart city platforms with standardised interfaces will allow applications developed in – for instance – Mexico, Brazil or Australia to be used with a European smart city platform and vice versa.
- The domain of Smart Cities is cross-cutting and there are many complementary key initiatives, such as the European Innovation Partnership on Smart Cities and Communities, the Big Data Value PPP, and in my Directorate the FIWARE open service platform, as well as the Alliance on Internet of Things Innovation (AIOTI), related also to a Large-Scale Pilot on IoT in Smart Cities, the "SYNCHRONICITY" project starting 1/1/2017.

## **Standards**

- The use of standardised software components facilitates and speeds up the development of applications and services.

- Open platforms, facilitate interoperability, allow reuse of applications, enable faster innovation and avoid vendor lock-in. Users can also fully benefit from open innovation ecosystems of developers and start-ups.
- I understand ETSI has recently approved the launch of an Industry Specification Group on 'cross-cutting Context Information Management' (ISG CIM). This is important because the group will take as a starting point the FIWARE context broker. So this will allow city procurers to make a reference to this technology and benefit from FIWARE.

## **EC supports FIWARE**

- FIWARE is the result of the FI-PPP (Future Internet – Public Private Partnership) initiative.
- The core technology developments have come to an end and FIWARE is there to be used by all of you.
- The FIWARE Foundation will now manage the evolution of the technologies and the growth of the FIWARE Community. The Commission is currently launching a group of projects to support FIWARE's "Going to the market" strategy and they are all present at this event.
- There are links to other Commission activities:

1. DG Digit and its Connecting Europe Facility (CEF)  
collaborates in the area of generic enablers / building  
blocks with FIWARE.
  - A first practical result of this collaboration is that  
a first CEF building block, namely eDelivery, will  
become integrated as Generic Enabler of the  
FIWARE Platform. This means developers, service  
providers and experimenters are now able to  
deploy and run eDelivery on the FIWARE Lab.
  - Today, different sectors (eJustice, eHealth,  
eProcurement, etc.) are using the same basic  
building blocks to enable innovative cross-border  
digital interactions among public administrations,  
businesses and citizens: eDelivery is one of these  
generic enablers/ building blocks alongside eID,  
eSignature, eInvoicing and eTranslation.  
Consequently, further collaboration between the  
FIWARE initiative and the CEF programme is  
expected in the near future
2. DG Agri is jointly supporting IOF2020 (Internet of Food  
and Farm 2020), a Large Scale Pilot project to foster a  
large-scale take-up of Internet of Things (IoT)  
technologies in the European farming and food value

chain in the next 4 years. It will consolidate Europe's leading position in the global IoT industry by fostering a symbiotic ecosystem of farmers, food industry, technology providers and research institutes, and FIWARE is a key component.

## Conclusion

- European Commission considers FIWARE as a very pertinent partner in making the European Digital Single Market a reality, and in helping innovation and entrepreneurship thrive in the EU.
- FIWARE is here to stay, I suggest you explore how you too could join the fast growing FIWARE ecosystem, using it to innovate in your organisation.
  1. If a developer: Join your favourite Generic Enabler team!
  2. If a city: join the 100+ cities committed to develop Smart City solutions based on the FIWARE context broker!
  3. If a company: join the FIWARE Foundation!
- And if you are already part of the FIWARE ecosystem, consider how you could increase your contribution to its

growth, implementing applications and services,  
disseminating results, attracting more users and developers.

- European digitisation and innovation is a fascinating journey and I am glad to see so many of you taking it with us.
- I am excited to be at this event where I can see the results of industry, cities, researchers, developers, startups and SMEs having worked together in a big initiative for years. I look forward to discussing this further with you today and in the coming months.

## Lunch with FIWARE Foundation [REDACTED]

personal data

[REDACTED]: [REDACTED] (ATOS), [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]  
[REDACTED]  
[REDACTED]

### Background

- 23/2/2016: ATOS, Engineering, Orange and Telefonica announced the setup of the FIWARE Foundation - championing the way forward on behalf of the much larger FIWARE community.
- 27/10/2016: The FIWARE Foundation was officially established in Berlin.
- The FIWARE foundation will initially focus on three important domains for Europe: (1) Making Europe's manufacturing industry base more digital, (2) turning cities into truly smart places and (3) better managing how we grow, process, transport and consume the excellent food we enjoy in Europe.
- But FIWARE is not only an open Internet platform technology 'made in Europe', a rich and versatile suite of standardised software components, more importantly it is a large ecosystem of industry, startups, SMEs, developers and cities who want to put an end to closed platforms and liberate users locked-in by their vendors.
- [REDACTED]  
[REDACTED]  
[REDACTED] personal data
- [REDACTED]  
[REDACTED]  
[REDACTED].
- CMO still not appointed. The right candidate has not yet been found.
- FIWARE Foundation Staff expected to be 10 end of 2016 and 20 end of 2017.

### LTT

- We fully support the initial focus on the 3 selected sectors.
- FIWARE Foundation must succeed in attracting new members, in particular from large industry and from Germany.
- The CMO should be found as soon as possible, the FIWARE Foundation needs a full-time resource leading the marketing/sales/communication activities in this crucial launch phase of FIWARE activities.
- Question: How does the [REDACTED] see the FIWARE Foundation's role and activities 5 years from now. personal data
- Caution: [REDACTED] to be careful with response to requests from [REDACTED]. We certainly give full support to FIWARE, but not necessarily to any request from them.

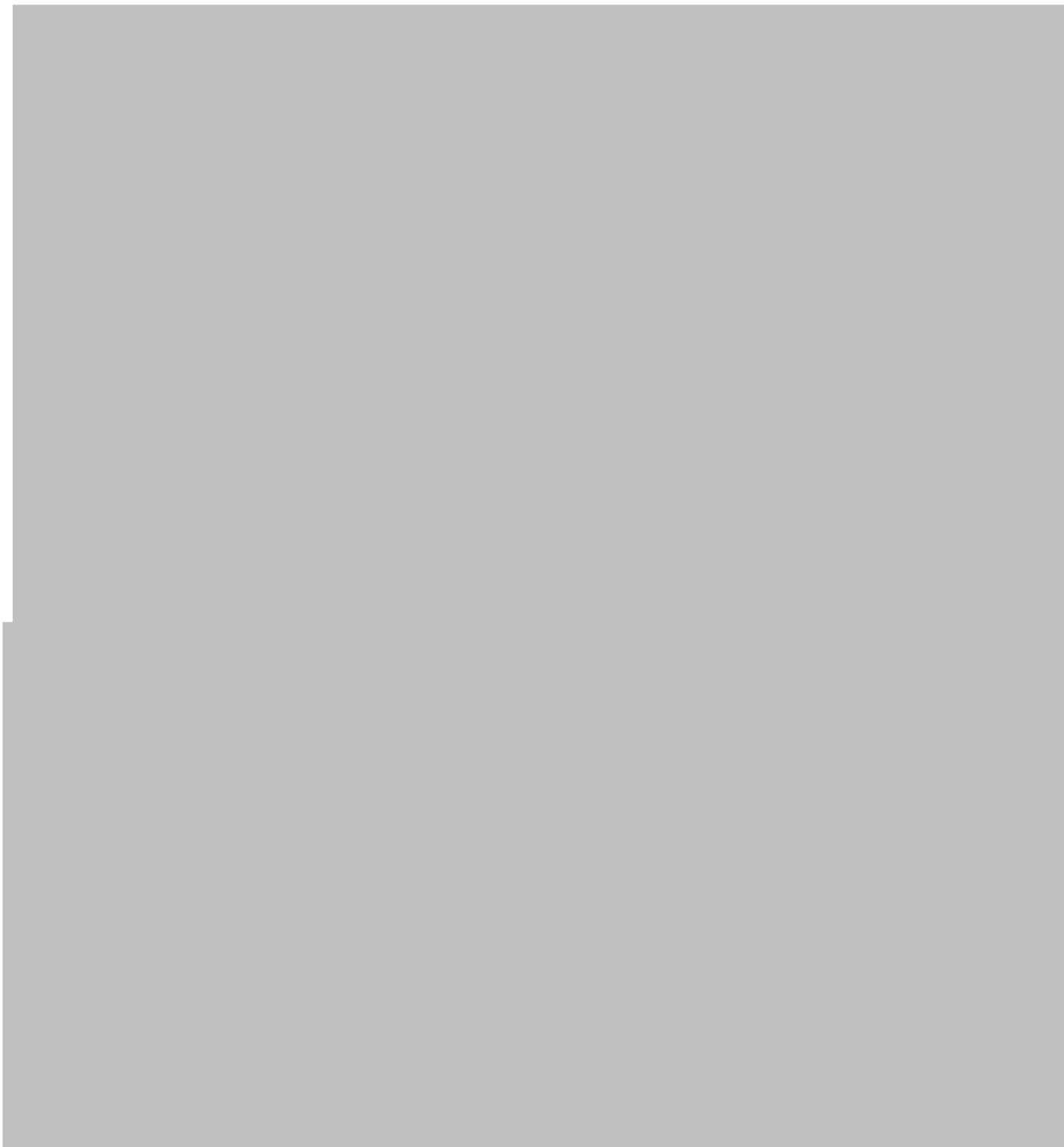
## Curriculum vitae

personal  
data

out of  
scope



out of  
scope



**EC participation:**

- DG CONNECT: [redacted]
- DG DIGIT: [redacted]  
[redacted]
- DG AGRI: [redacted]

personal data