

FIWARE Tech Summit: the worldwide Open Source community returns to Málaga

With the collaboration of Promálaga and the City Council, and the support of the Regional Government and initiatives already present at local and regional levels, FIWARE returns to where its first Summit took place a year ago and announces the Commitment between the FIWARE Foundation and the city of Málaga to become the official headquarters of the FIWARE Tech Summit for the next 5 years.

On the morning of Tuesday 28th November, the Mayor of Málaga, Mr. Francisco de la Torre, has opened the press conference of the FIWARE Tech Summit event; with the presence of Mr. Francisco Javier Salas Ruiz, delegate of the Regional Government and Mr. Ángel Ortiz, from SANDETEL, the public society to support the development of the Telecommunications in the Region; Fernando Valdés, representative of the Spanish Ministry of Industry, Economy and Competitiveness; Lars Nagel, managing director of the Industrial Data Space Association. And the members of the FIWARE Foundation: Yasumori Mochizuki, Senior Vice President of NEC Corporation; Hubert Tardieu, Chairman of the BoDde of the FIWARE Foundation and Advisor of the CEO in ATOS; and Ulrich Ahle, CEO of the FIWARE Foundation.

On behalf of the city, Francisco de la Torre has given the warmest welcome to the FIWARE Foundation and the whole Open Source Community, pointing out how this event, the Tech Summit, is the proof of a mutual interest and support between FIWARE and Málaga. He has also emphasise on the importance of the technology and its innovative potential, for the urban development and to improve the quality of life of the citizens, to overcome present and future societal and economic challenges. After that, the Mayor has joined the organisation, visiting the event and showing interest in the 'powered by FIWARE' smart solutions, shown in the exhibition area.

The FIWARE Tech Summit is an event specifically dedicated to technological and business development. On the 28th and 29th of November the Trade Fairs and Congress Center of Málaga (FYCMA) is gathering leading developers, startups, corporates and entrepreneurs from the worlds of Open Source, Smart Cities, Smart Industry, Smart Agrifood, and Internet of Things, to share experiences, discover new business opportunities, and to co-create the future:

- FIWARE global community is now reaching worldwide: partnerships and working-projects in North and South America, Asia, África and, of course, Europe.
- Directly present in more than 100 Smart Cities worldwide, the technology is also finding its own path within the agricultural and industrial productive sectors.
- FIWARE Mundus programme offers global dissemination. FIWARE iHubs offers local and regional support to companies, entrepreneurs, students and researchers.

- FIWARE has made its mark bringing acceleration for startups and scale ups. With more than €5M in funding distributed, each Summit is a golden opportunity for projects looking for economic support and guidance.
- On the technical side, FIWARE is a non-stop Community, always focusing on deploying improved software components: new Generic Enablers, owned by ICT giants like NEC or Fraunhofer and shared with the Community, will be introduced at the Summit, leading to the implementation of new and better functionalities for the development of innovative smart applications.

Two-Day Event: from Tech to Business and everything in between

The event agenda will focus on developers and startups, with a special track for developers on both the 28th and 29th of November, and a track for startups and SMEs on 29th.

- On Day 1, tech experts will be explaining everything that a developer needs to know, to start coding and to build a successful FIWARE-enabled Smart Application. Reviewing all the core components of the open source technology, connecting to IoT, adding Identity Management, Access Control and API Management, etc.
- On Day 2, technology leaders will join to share their vision on Smart Cities, Agriculture and Industry. Public officials will review legislation and unveil future plans for the digital economy. Powered by FIWARE startups will be pitching, presenting innovative products and sharing their success stories. It will be the day for Accelerators, partners such as IDS and TM Forum, city representatives like the ones from Porto and Utrecht, the Spanish Ministry of Industry and the European Commission. Day 2 will also feature a series of thematic workshops on the FIWARE components

Side-Events: a global Industrial Data Space and the Smart City focus

On November 28th, and under the umbrella of the FIWARE Tech Summit event in Málaga, the Industria Conectada 4.0 initiative and the Industrial Data Space Association (IDSA) will celebrate their first summit, connecting projects and achievements within the Smart Industry and Data Economy sectors, linking the Spanish, European and worldwide markets.

A series of special session will take place on November 29th: FIWARE is helping cities to complete their transformation into Smart Cities and being FIWARE-ready is becoming a prerequisite for any company wishing to become partner of a Public Administration in its urban development. Those attending the sessions will have the opportunity to meet the growing FIWARE Community creating Smart City solutions and will find out what the public representatives are expecting from them.

Andalucía, a pioneering region in Open Source and FIWARE tech innovation

The collaborative framework between FIWARE and Andalucía keeps strengthening, reinforcing the development of smart ecosystems and entrepreneurial communities, with the FIWARE Zone, present in Málaga and Sevilla, as an active and fruitful example of this.

FIWARE Zone, a collaboration between Telefónica and the Regional Government of Andalusia -which has initiated its own process to formally become member of the FIWARE Foundation- invites all companies, entrepreneurs, teachers and University students, as well as the public administrations, to join and pitch in with innovative ideas, to build the Connected City of the future, which will be developed using open source standard technology.

FIWARE iHubs, where local and global meets

FIWARE Zone plays an essential role in the expansion of the FIWARE iHubs initiative on a global scale, presenting its model for the development of a FIWARE iHub. The recent Open Call, launched on October 12th, will come to a conclusion at the FIWARE Tech Summit. The winners will be announced as pioneering iHubs: research and business centers that show the potential of the ecosystem and platform.

The prizes will be awarded by Ricardo Dominguez García-Baquero, representative of the Regional Government of Andalucía (Ministry of Agriculture).

The FIWARE Foundation

The FIWARE Foundation is leading the community to achieve its mission, driving the adoption and development of FIWARE technology. Backed by ICT main actors, such as its Platinum members: Atos, Engineering, Orange, NEC and Telefónica; and, after just a year, the Foundation is about to welcome its 150th member. Most recent incorporations include companies and new individual members from Korea, Brazil, USA, Israel or Egypt.

For this Tech Summit in Málaga, the FIWARE Foundation is not only welcoming representatives from all its vibrant Community and the world of Open Source, willing to join the FIWARE ecosystem, but also the community around IDSA and the Industria Conectada 4.0 initiative.

The FIWARE Foundation fully supports IDSA in building a space to enable the Data Economy, where the security, trustworthiness and sovereignty of data are granted. A space that is based on an open, highly distributed, scalable and federated architecture. A Memorandum of Understanding between the IDSA and the FIWARE Foundation has already been signed earlier this year.

New FIWARE components

During the Tech Summit, the FIWARE Foundation will be also presenting new components of the Open Source Platform that has been created by business and research giants like NEC or Fraunhofer, emphasizing the importance and matchmaking role of FIWARE in the global ICT arena:

1.- On 27th November, NEC Laboratories Europe announced the development of **FogFlow**, a fog computing framework that brings context information management to the edge of

the networks, enabling on-demand context information processing. IoT service developers will benefit from faster development and deployment of IoT services with low management costs. IoT platform operators can take advantage of the automatic utilization of the available resources, as well as managing the complexity of multi-tenant edge systems. The FogFlow cloud edge orchestrator has been approved by the FIWARE Foundation as a new Generic Enabler (GE) in the FIWARE open source ecosystem.

2. - Fraunhofer FOKUS has developed an OpenMTC M2M component that is able to solve the connection with devices using the well known and widely adopted oneM2M standard issued by ETSI.

The OpenMTC M2M communication platform, a reference implementation of the globally fostered oneM2M machine-to-machine (M2M) communication standard, allows for rapid development of innovative M2M and IoT applications. The truly horizontal approach enables a broad spectrum of IoT applications across multiple verticals and provides easy integration of devices from different IoT domains, independent from the underlying hardware or network infrastructure.