



The European Open Ecosystem for Future Internet Experimentation & Innovation

ict.fire.eu



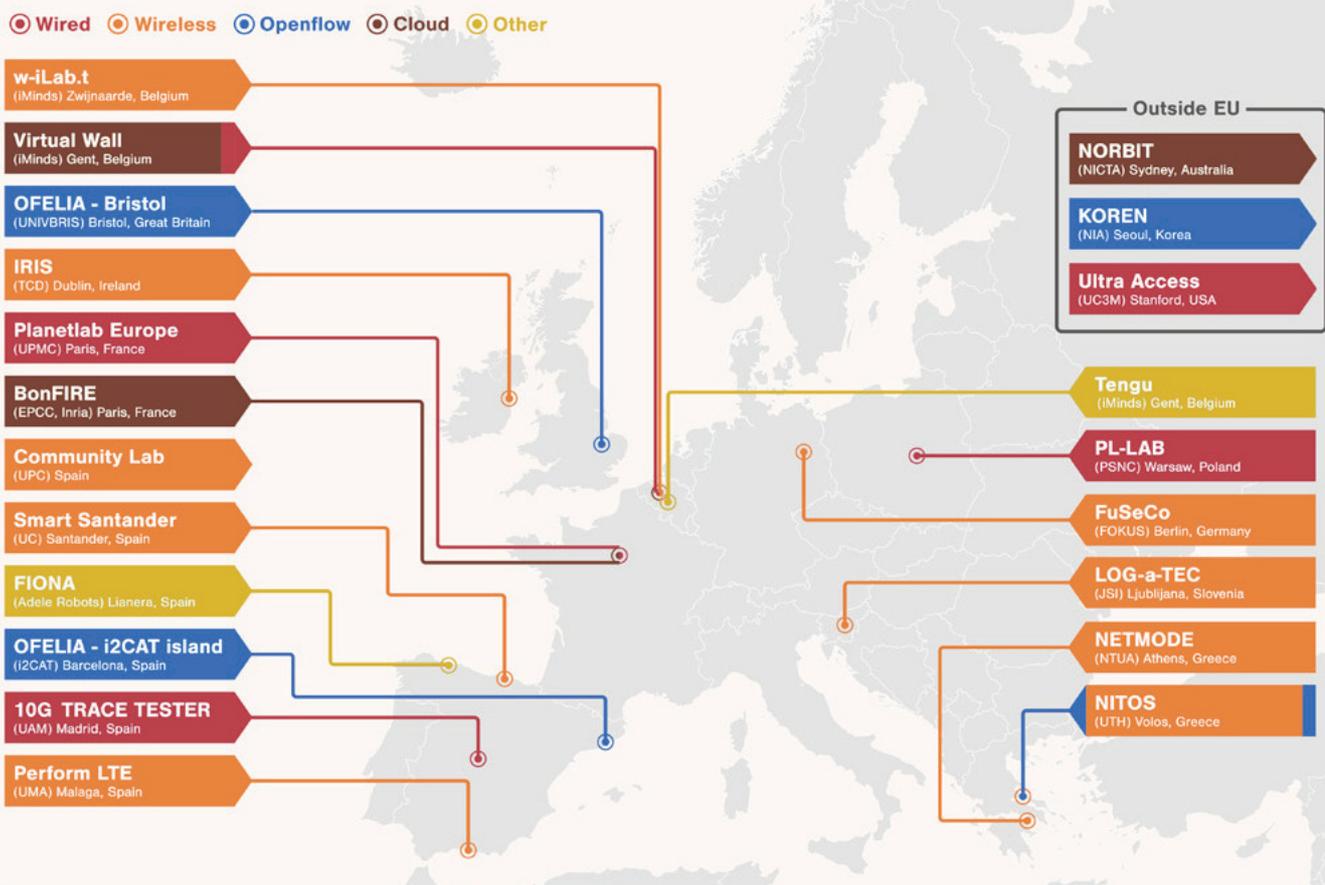
The largest federation



of testbeds in Europe

The main outcome of the Fed4FIRE project is the establishment of a European Federation of experimentation facilities and testbeds, including the necessary technical and operational federation framework. With its 23 testbeds, Fed4FIRE represents the largest federation of testbeds in Europe which allows remote testing in

numerous ICT areas. Various user friendly tools established by the Fed4FIRE project enable the remote usage of the federated testbeds by experimenters who can combine different federated resources, independently on their location, and configure them as needed to perform the experiment.



The main idea behind the Federation of testbeds is to enable easy and efficient usage of already available experimental resources by the entire research and innovation community in the broad area of ICT as well as

various vertical application sectors applying the ICT, such as Energy, Health, Transport, Media, etc. Experimenters, developers and innovators can use the federation of testbeds to speed-up their research and businesses.

Fed4FIRE benefits for experimenters:

- No need to spend time and resources to develop own experimental facility
- Possibility to use multiple testbeds world-wide offering large variety of experimentation opportunities
- User friendly Fed4FIRE tools for remote set-up and execution of experiments
- Support from Fed4FIRE team to run experiments

The largest federation



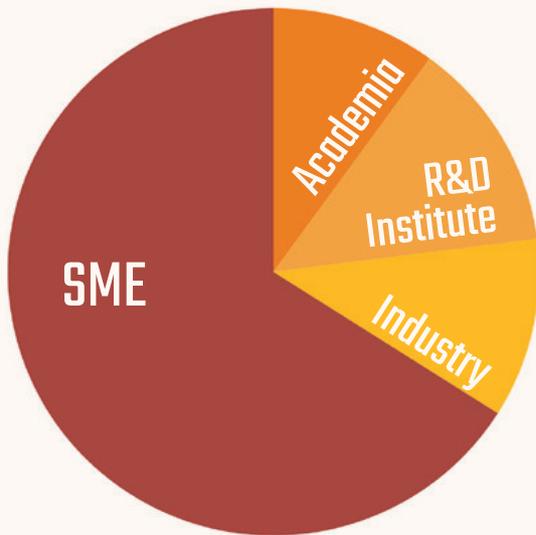
of testbeds in Europe

Until now, more than 50 experiments have used the Fed4FIRE experimental facilities and tools. Part of them took the opportunity of 7 Open Calls for Experiments organized by Fed4FIRE in the last three years. Other experimenters used the Fed4FIRE Open Access mechanism which allows free of charge access to the experimental facilities and support from the Fed4FIRE team for setting up the experiments.

The Fed4FIRE experimenters had the opportunity to experience all the advantages of the Fed4FIRE tools, to configure and successfully execute their experiments. The feedback received from the experimenters on the usability of Fed4FIRE's facilities and tools was very positive.

Moreover, most of the performed experiments would not have been possible without the provision of the Fed4FIRE federation and its experimental facilities. Thus, the Fed4FIRE facilities helped the experimenters to further explore their research and business development based on results gathered from the experiments.

Using testbeds



Fed4FIRE organised 2 Open Calls for Experiments targeting industry, including SMEs, as well as academia and research institutions. In order to increase the opportunities for SMEs to use the Fed4FIRE experimental facilities, 5 specific Open Calls for SME Experimenters have been organised too.

How to get involved?

If you are interested in using the Fed4FIRE facilities to evaluate or characterize your research, development or innovation, our support team is at your service to provide you with the necessary assistance to answer your questions related to the feasibility and applicability of your planned set-up, and will get you started in no time by guiding you through the entire process.

In the scope of Fed4FIRE Open Access, usage of our facilities is free of charge – subject of feasibility confirmation by Fed4FIRE.

In order to extend its offer in terms of variety of available experimental facilities, Fed4FIRE is open to include new testbeds in the federation and is continuously seeking new infrastructures to join.

Project Facts

CALL: Collaborative Projects | **EXECUTION:** From October 2012 to September 2016

COORDINATOR: Piet Demeester (iMinds)

PARTNERS: iMinds (Belgium), University of Southampton IT Innovation (UK), UPMC (France), Fraunhofer-FOKUS (Germany), TU Berlin (Germany), University of Edinburgh (UK), INRIA (France), NICTA (Australia), Atos (Spain), University of Thessaly (Greece), NTUA (Greece), University of Bristol (UK), i2CAT (Spain), EURESCOM (Germany), DANTE (United Kingdom), Universidad de Cantabria (Spain), NIA (Republic of Korea). **PARTNERS joined after 1st Open Call** (from December 2013): UMA (Spain), UPC (Spain), UC3M (Spain), DEIMOS (Spain), MTA SZTAKI (Hungary), NUI Galway (Ireland), ULANC (UK), WooX Innovations (Belgium), UKent (UK), British Telecom (UK), Televes (Spain). **PARTNERS joined after 2nd Open Call** (from December 2014): UAM (Spain), Trinity College Dublin (Ireland), Jozef Stefan Institute (Slovenia), Adele Robots (Spain), PSNC (Poland), Be-Mobile (Belgium), Nissatech (Serbia), Liberologico (Italy), TELTEK (Spain), Televic Rail (Belgium), CNIT (Italy), CREATE-NET (Italy), SSSA (Italy)

www.fed4fire.eu