XIFI

eXperimental Infrastructures for the Future Internet

The FI-Lab/FI-Ops offer
to
European SMEs

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FUTURE INTERNET PPP

SEVENTH FRAMEWORK PROGRAMME

A collections of tools that ease the deployment, setup, and operation of FI-WARE instances by Platform Providers. Main contribution by XIFI.
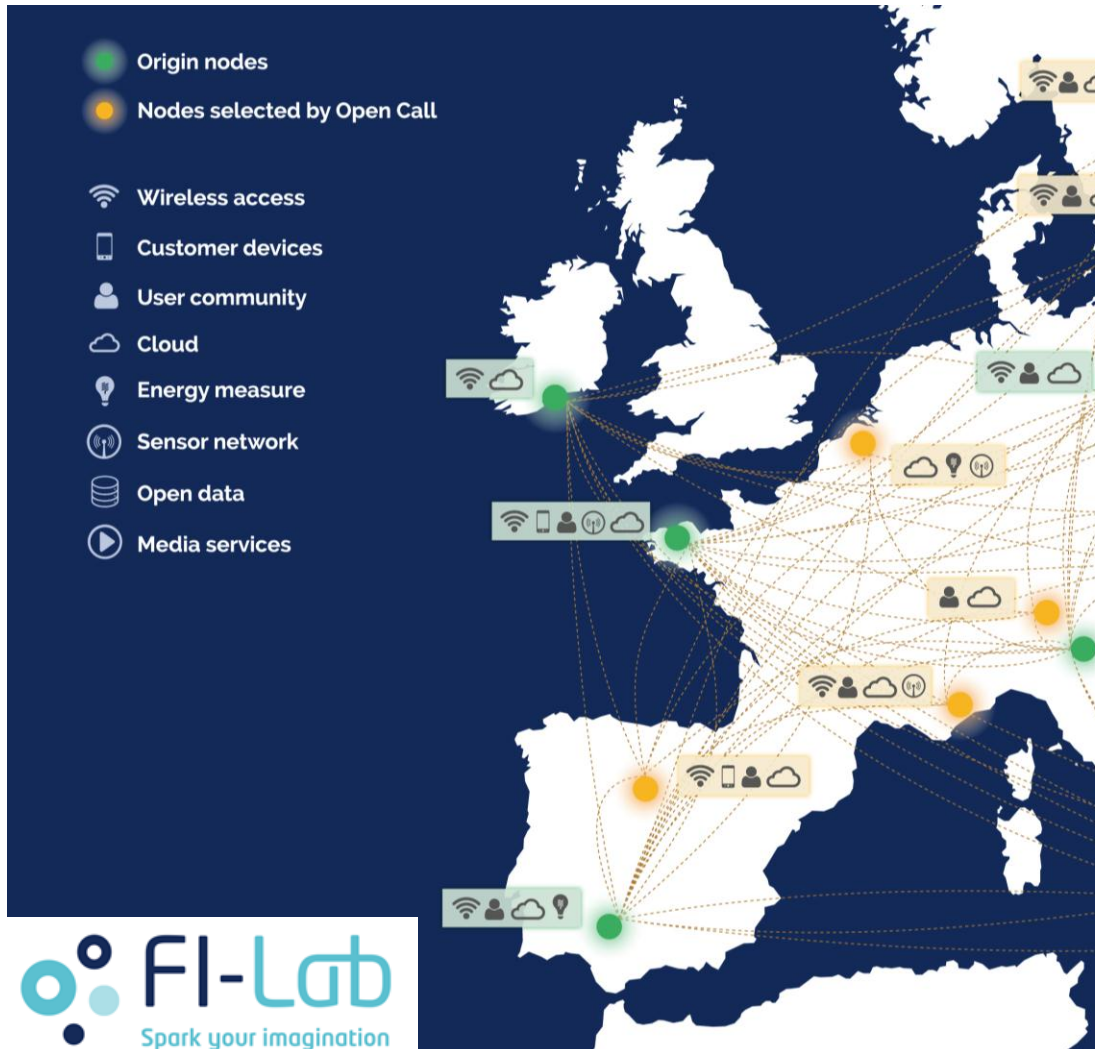
The official instance of FI-WARE platform open to UCs and third party developers. XIFI provides the Community Cloud that extends it and operational support.

The software platform developed by FI-WARE. XIFI

Goals

- To develop a process for federating and upgrading existing **private and public infrastructures** with the capabilities to support Future Internet services and applications.

- To **offer to the future internet developers**: access to Future Internet Software Libraries (GEs), testing environment, connectivity, specialized infrastructures, computing and storage capabilities

- To **enable pilots and trials** for sector applications in the future Internet

- Establishing a **federated network of 17 high**

Extend Future Internet Labs offer for service providers & SMEs developers

- Availability of 5 nodes (End of March 2014) with 500+ cores, 1TB+ Ram, 100TB+ HD

- Additional 12 nodes (April / September 2014) with 1000+ cores, 2TB+ Ram, 200TB+ HD

- Level 1 and Level 2 support for the nodes

- Showcases for developers, infrastructures, smart businesses

Legend:
- Origin nodes
- Nodes selected by Open Call
- Wireless access
- Customer devices
- User community
- Cloud
- Energy measure
- Sensor network
- Open data
- Media services

FI-Lab
Spark your imagination

XIFI Added Value for developers

- The XIFI Federation targets SMEs and start-ups by **providing its infrastructure marketplace as a single entry point for resource owners and developers** as part of the Future Internet ecosystem within and after the FI-PPP programme.

- The XIFI Federation **offers a level of scalability and flexibility** which currently cannot be achieved by any other similar initiative **supporting experimentation and new capabilities for external developers/SMEs in**

Benefits for developers and SMEs

SMEs developers will have the following benefits:

- Compare, browse and access in a transparent way the FI-PPP technological offer complemented by FI across different infrastructures

- Leverage on a set of advanced infrastructures that provide access to different advanced experimental services (e.g. sensor networks, smart energy grids)

- Easy access management and monitoring of the FI-PPP services through a single account and a single entry point provided by XIFI

- Focus on the core task of the application development instead of on the practical aspects of deployment