





## FIWARE Foundation



FIWARE Foundation is a non-profit organization that drives the definition and encourages the adoption of open standards (implemented using Open Source technologies) that ease the development of smart solutions across domains such as Smart AgriFood, Smart Cities, Smart

Energy, Smart Industry and Smart Water **based on FIWARE technology**.

Founded in 2016, the foundation has

Atos, Madinah Development Authority,

MedlTech Competence Center, NEC and

Telefónica among its Platinum Members.





Developers using FIWARE technologies



600+

Developers contributing to FIWARE



150+

Member's Organizations



500+

Individual Members



400+

Cities adopting FIWARE



46

FIWARE iHubs



60+

FIWARE Components



200+

FIWARE Showcase' Solutions



40+

Open Source Projects first choice for building the smart digital future.

# FIWARE Foundation is growing rapidly

# 650+ Global Members





FIWARF **Members**  Meet our **Members** 

### **5** Platinum Members











**500+** Individual Members

### 60+ Gold Members



### 30+ Gold SEU Members

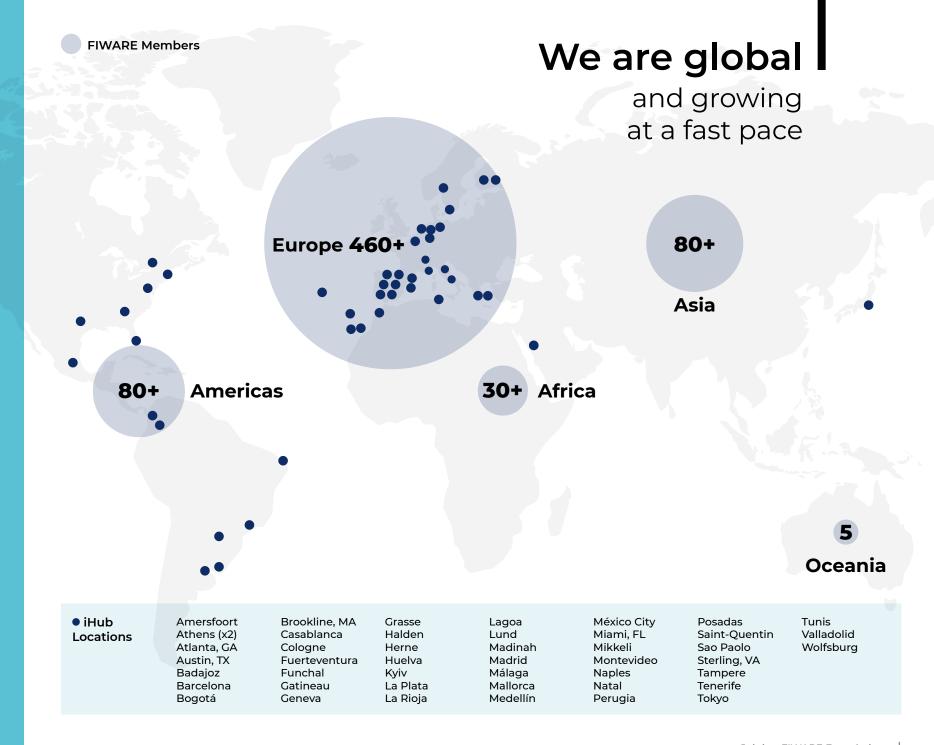


### **50+** Associates Members





Discover our 46 FIWARE iHubs



as of May 202

# Our key domains

### **Smart AgriFood**







### **Smart Cities**







### **Smart Energy**







### **Smart Industry**







### **Smart Water**

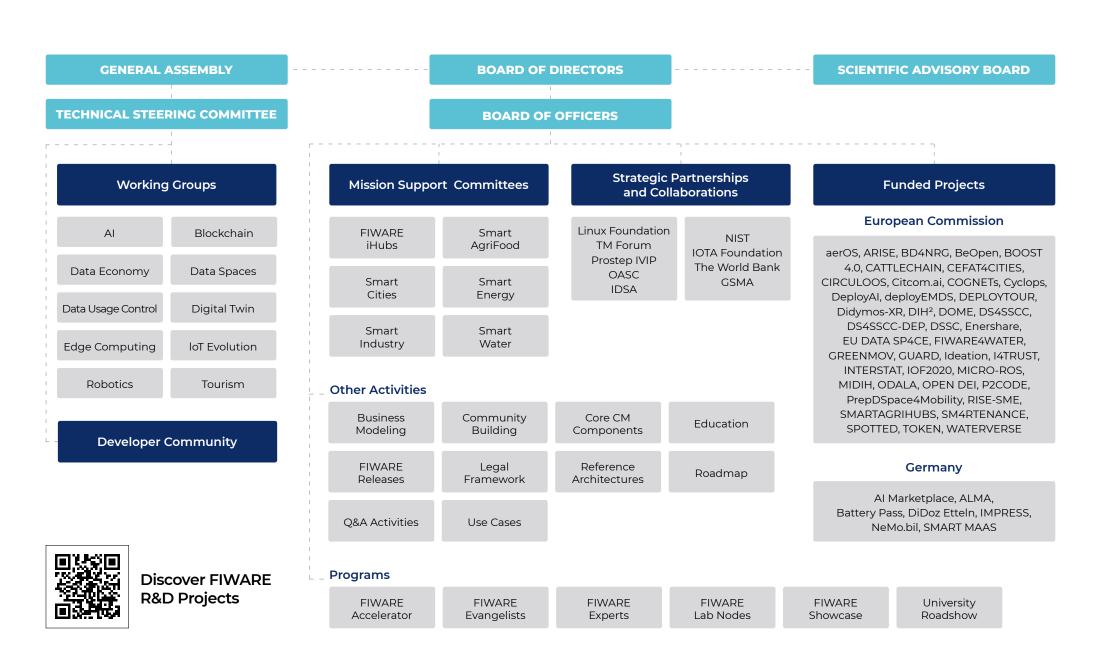






The companies featured here are some examples and do not represent the overall number of FIWARE Foundation members and strategic partners.

# FIWARE Community Organization



### FIWARE Foundation

is taking the lead in open source collaborative ecosystems setting new standards, on a global scale



Madinah City, Saudi Arabia, has partnered with the FIWARE Foundation to develop and promote Open Standards and Open Source technologies. With its Raseel Smart City Platform powered by FIWARE, we aim to improve the citizens' quality of life and enrich visitors' experiences.

#### ABDULRAHMAN IBRAHIM

Chief Data and Innovation Officer, Madinah Region Development Authority



We greatly appreciate FIWARE as a long-standing partner. Vienna in particular is an example of how FIWARE's solutions help cities realize their digital visions. we are looking forward to further good cooperation.

#### **BERNHARD SCHMID**

Team leader Digital Technologies, Vienna Business Agency



Our involvement in FIWARE iHubs is definitely crucial and of great value! FIWARE Innova iHub and its ecosystem have the chance to enhance their innovation activities through collaboration, the participation in projects and also in key events and international fairs, like the Smart City Expo World Congress in Barcelona or the FIWARE Global Summit.

#### **IRENE PROVVIDENZA**

Business Developer, FIWARE Innova hub



FIWARE is more timely than ever! Rule-based data flows, respecting values and protecting intellectual property, allowing monetisation and yet fully maximising the free flow of data is at the core of FIWARE. Technically, this cannot be achieved by close systems. and would be antithetical to a competitive digital economy. Basic data software infrastructures must be open and inclusive, that's what FIWARE does best - already for more than 10 years.

#### PETER FATELNIG

Minister-Counsellor for Digital Economy Policy, Delegation of the European Union to Japan



By integrating FIWARE components with the AWS Smart Territory Framework, we have unlocked the potential of our existing infrastructure and harnessed the full power of sovereign and public Clouds. Through the adoption of this hybrid deployment, we not only comply with data sovereignty but also greatly enhance our ability to drive innovation.

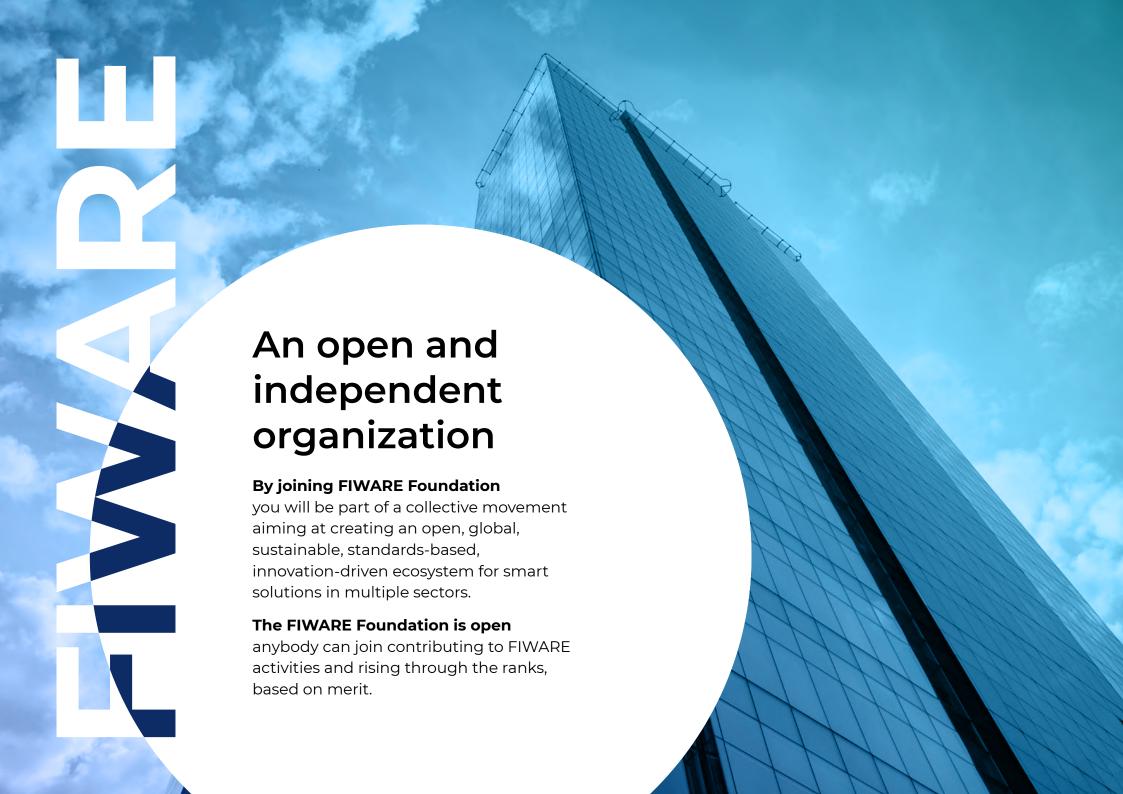
#### **LAURENT CURNIER**

Project Manager, Data Platform Government of Monaco



While some may view FIWARE as a necessary standard for IoT interoperability and normalized data sharing, all of which are true and necessary, I view FIWARE as an ecosystem blueprint and marketplace for global exchanges of physical and digital goods and services. It is incredible to imagine developing a service or solution in North America that can be readily consumed in other parts of the world.

**JEM PAGÁN** CEO, BluSky Consulting



# What an Impact I

# Our members are leading players in connecting the world to the future.

A future in which people can meet, work, live in a more enjoyable, resilient and efficient way. An exciting digital future where new business opportunities can flourish. The use of **FIWARE open source technology and key standards** has brought forward multiple awesome solutions and **appealing Impact Stories worldwide.** 



Read our Impact Stories



# Global partnerships, collaborations...



The European Commission has selected the FIWARE Context Broker technology as a building block for the creation of cross-border digital service infrastructures.



The FIWARE Community is bringing contributions to the IDS-RAM definition regarding how data sovereignty or data brokering and monetization can be effectively materialized.



The FIWARE Community actively leads the work at the Context Information Management (CIM) ISG, where the NGSI-LD API specifications were defined and are now maintained.



A forum to design a new society by combining manufacturing and information technologies, IVI has been working with FIWARE to create and develop IIoT, promoting the digital economy by preventing fragmentation and harmonizing aspects related to IIoT.



A non-profit organization delivering the world's first scalable, fee-less and decentralized distributed ledger technology. Under the agreement, IOTA's Tangle technology will serve as an immutable, trusted audit trail for relevant context data transactions in "Powered by FIWARE" architectures.



TM Forum and FIWARE
Foundation launched the
"Front-runner Smart Cities
Program" aimed at defining
a Common Reference
Architecture and Data
Models for Smart Cities, with
the active involvement of
cities worldwide. TM Forum's
Smart City Component suite
uses FIWARE technologies.



Digital Arabia Network (DAN) is a network of the digital community in the MENA Region, connecting over 1600 digital actors. With a focus on Smart Cities it aims to create synergies between all actors. Together, DAN and FIWARE Foundation will promote smart sustainable cities and digital solutions in the MENA Region.

## ...& references

GSMA

FIWARF Foundation participates in the GSMA IoT Big Data Ecosystem project, working on the harmonization of APIs and data models for fueling IoT and Big Data ecosystems.



The Fast RTPS technology, integrated as a Generic Enabler of FIWARE has been adopted as the default communication middleware in ROS2.



FIWARE brings relevant baselines for the Minimal Interoperability Mechanism (MIMs) defined by OASC, in order to support a Digital Single Market for Smart Cities.



After a scan of dozen digital platforms, FIWARE technologies were selected to work with the World Bank team for a knowledge project to support Govt. of India's 100 Smart Cities Mission



digital twin The Authority in Digital Twin, the organization coalesces industry, government, and academia to drive consistency in vocabulary, architecture, security, and interoperability of digital twin technology. It advances the use of digital twin technology in many industries, from aerospace to natural resources. FIWARE joined the consortium in 2020.



WeGo is an international organization comprised of city and local governments, smart tech solution providers, national, and regional institutions, wanting to transform cities into smart sustainable cities Committed to the development, standardization. and promotion of FIWARE technologies in East Asia, it pushes for open standards and an open service platform.

### NIST

The National Institute of Standards and Technology and FIWARE Foundation have partnered up in the definition of "Pivotal Points of Interoperability", aiming at creating smart city solutions that are scalable, replicable, and standards-based.



# FIWARE Accelerator Program

FIWARE Accelerator Program supports Incubators, Accelerators, Venture Capital organizations and Digital Innovation Hubs with training, coaching and services, boosting the chance of success in international markets thanks to networking with the global FIWARE Community.

Do you want to benefit from FIWARE's local and global network and join the FIWARE Accelerator Program and its huge community? Coming on board, you will gain professional visibility, business opportunities and technical assistance for your ambitious and marketable solutions "Powered by FIWARE".

Become part of the service portfolio like our 10+
Accelerator Partners



#### **SERVICES**



Consultancy Services



Business Coaching



Training and Mentoring



Investors Matching



Funding Opportunities



Spaces and Networking

# agorize

#### **Agorize**

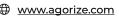
Agorize provides corporate challenges to startups and growth opportunities:

- regular updates about startup challenges organised by large companies
- free info-sessions on Agorize startup competitions
- collaboration on ideas with customers, partners and stakeholders









₽ Hanaé Taxis

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#### **Bwcon**

bwcon supports the business development and advocates innovation processes of companies through:

- train-the-trainer and continuous education programs
- support of startups in the development of business plans
- access to investment









Sandra Evans
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#### ClubGlobals

Club GLOBALS is not only a business network but also a strategic partner in the tech industry. Its services include:

- linking tech leaders with partners
- comprehensive event planning to enhance your brand's visibility
- fundraising and investor connections for scale-ups









Mario Paladini
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#### **FundingBox**

#### **FundingBox**

FundingBox provides access to funding, community building, and training services:

- equity-free funding opportunities
- visibility and discounted sponsored content services
- build your own open call/community on FundingBox-owned platforms
- training on access to funding









David Seoane Vilariño david.seoane@fundingbox.com

### **Driving Innovation at unparalleled Skills**



#### **GATEWAY49**

Gateway49 provides, especially to German companies, the following services:

- mentoring and coaching for initial idea and prototype
- business coaching to launch your product into the market
- investor matching for mature products









Stefan Stengel
stefan.stengel@gateway49.com

### scientifica

#### Scientifica

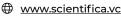
Supporting ideas disseminating a scientific culture, Scientifica offers:

- matching investors to startups in the early stage with innovative ideas
- mentoring for startups oriented towards
   Manufacturing, Advanced Materials and Al
- continuous support for applications directed to Venture Capitalists









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#### Innoloft

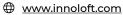
Innoloft offers a wide range of services from consultancy to investor matches, specifically:

- LoftOS and community platforms.
   No user fees for FIWARE members within the first 6-months trial phase
- SMEs can choose 3 free services
- coaching on how to customize the platform according to your needs









Sven Pietsch
s.pietsch@innoloft.com



#### Sofofa Hub

Connecting big industry leaders challenges with solution in the global innovation ecosystem:

- network via collaborative spaces
- development of new capacities
- scaling opportunities









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#### ISDI Accelerator

ISDI offers education services in areas such as:

- reskilling/upskilling, soft skills, and leadership skills, as well as acceleration and innovation services
- 10% off courses in ISDI for FIWARE Members
- event with the ISDI Investors Club for startups/SMEs looking for funding







www.accelerator.isdi.education

Alex Carrasco

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#### Polo Tecnologico

IFor 20+ years, Polo Technologico di Novacchio has been offering:

- physical and virtual incubation for startups and companies
- consultancy services for funding opportunities
- research development activities







www.polotecnologico.it

Silvia Marchini

marchini@polotecnologico.it



#### **WOBCOM**

Being part of Stadtwerke Wolfsburg AG, Wobcom provides:

- information on best practices on TLCs and infrastructure services
- free coaching programs for young B2B startups
- through Astrid iHub: support of info sessions, mentoring and coaching activities









Andreas Dirksen
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#### Zabala

Zabala provides services for technical expertise and business opportunities:

- discounted price for EIC Accelerator proposal preparation services
- early updates on open calls and SME/startup funding opportunities
- contact point for consultation on funding opportunities







⊕ www.zabala.eu

Margherita Volpe mvolpe@zabala.eu



# FIWARE University Roadshow



FIWARE Foundation is actively integrating universities into the Open Source ecosystem. If you are a university, join this program to empower the next generation of Developers. Plan a free course at your university with FIWARE Foundation.



## Equip students with the tools they need to succeed

We offer a special formula for universities: 60 minutes of (remote) training with our best experts on the latest FIWARE technology trends, including:

- Core Context Management and IoT Agents
- Sandbox Environment to learn and test your first Smart Solutions
- Data Models
- Identity Management and access control
- Data Persistence
- Big Data and Machine Learning
- FIWARE Architecture applied to the domains of Smart Cities, Smart AgriFood, Smart Industry, Smart Energy, and Smart Water.



## Benefit from a collaborative environment

We offer a real collaborative environment, where international connections, research, and inventiveness come together thanks to the wide range of opportunities, such as:

- Collaboration in projects with universities worldwide.
- Meeting with 550+ members of our global FIWARE Community.
- Promotion by leveraging the global reach of FIWARE digital channels.
- Publication of your Impact Stories to give visibility to your achievements.
- Sharing of insights as a speaker at FIWARE events and trade shows.
- Playing a role at the next FIWARE Global Summit.
- Becoming a FIWARE member to integrate your University into the Open Source ecosystem. Associate Members are eligible to apply to the prestigious Scientific Advisory Board.

## **FIWARE Showcase**



Are you looking to build and launch products and services to support your customers' digital transformation journeys? Submit your offering and fast-track your way through the application process. As a FIWARE member, you enjoy the highest level of visibility, helping you to scale your business and get in touch with new potential partners and customers.

In recent years, FIWARE Showcase, with its 200+ offerings, has grown into a unique place to connect, grow revenue, and identify customer needs and replicable solutions leveraging FIWARE technologies. FIWARE Showcase offers FIWARE members an exclusive opportunity to also present their solutions at selected events and trade shows,

together with FIWARE. You are the first to get promoted via both classical and digital marketing channels, and gain full access to the entire partner ecosystem. It is our goal to make sure your brand is positioned at the forefront with full product visibility to achieve maximum impact.

#### **SOLUTION CATEGORIES**





## Standardization

# Some highlights from our work with our partners

- \* In 2016, the European Commission published the Rolling Plan for ICT Standardisation in which ETSI was requested to create an ISG (Industry Specification Group), aimed at the definition of a standard Context Information Management (CIM) API with FIWARE NGSI as a candidate. In the beginning of 2017, ETSI created the CIM ISG which was successfully brought to market with the so called ETSI NGSI-LD API specifications in January 2019.
- \* Together with its members, FIWARE Foundation is actively participating in standardization activities within ETSI (NGSI-LD API specifications), W3C (Web of Things), GSMA (IoT Big Data Ecosystem project) and TM Forum (Front-runner Smart Cities program).

- In 2018, the FIWARE Context Broker was selected as the new Connecting Europe Facility (CEF) Building Block, under the umbrella of Horizon2020, to help build the next generation of European digital public services.
- \* FIWARE Foundation and its members are actively contributing to the development of the International Data Spaces Association Reference Architecture Model (IDS-RAM 3.0).



# I Enjoy your journey...



#### **Meet FIWARE**

Explore our website and organization. Contribute and leverage your business by joining our committees and programs.



#### Learn

Our FIWARE online webinars and training programs will get you up to speed: from single components to how to deploy them best in solutions.



### Start the Developer's Journey

Get started with your Developer's journey to get an active role and voice in the evolution of the FIWARE framework.



### Join our Projects

Enhance your experience by sharing knowledge and participating in projects, including the development of showcases. Foster the adoption of the FIWARE reference architecture and data models.

### Check our Impact Stories

Learn about the successful work done by others. Discover best practices and best implementations



**Lab Nodes** 

Businesses and individuals can test FIWARE technologies as well as their applications within the FIWARE Lab Nodes, to exploit published open data.

# Join the FIWARE Showcase

Maximise your business potential. Certify your solutions and offer your services.

6





# ...across the open (source) waters

### Enjoy discounts and perks from our partners

Discover the benefits and special discounts that you get by being a member. We have a growing number of exclusive offerings for you.

# Become a FIWARE Evangelist

11

Help foster the FIWARE adoption and pave the way for the future's data-driven economy.

# Our digital innovation iHubs (FIWARE iHubs)

Our digital iHubs can help you build a network of tech-enabling communities and encourage the formation of internet-based businesses also at a local level.

13

9

# Get engaged in driving FIWARE

Become a member of our Mission Support Committees and Boards where you can bring your experience and knowledge to steer the direction of FIWARE.

# Network and Contribute

10

FIWARE Global Summits annually gather the FIWARE community and technology users of open source under one roof. Contribute with your expertise.



### Become a FIWARE Technical Expert

12

Demonstrate your knowledge and offer your services.





# What we offer

2,000+
professionals

**1,000+** startups

As a member, you benefit greatly from the extensive experience and network of our ecosystem made up of small, medium and large global enterprises, startups, innovation clusters, incubators, end-users, universities, ICT infrastructure providers, associations.



Strategic and business benefits

	PLATINUM	GOLD	ASSOCIATE	STARTUPS	INDIVIDUALS
Participation in regular Strategy and BoD meetings	$\bigcirc$	elected representatives	_	-	-
Active shaping of the FIWARE Strategy Roadmap	$\bigcirc$		_	_	-
First call for FIWARE project opportunities	$\bigcirc$	_	_	_	-
Business & Technical support at customer meetings on request	5 days	2 days	_	_	-
Private free seminars on FIWARE	in-house	webinar	-	-	-
Dedicated technical hotline	$\bigcirc$	$\bigcirc$	_	-	-
Invitation to selected (exclusive) business events with peers	2+	_	-	-	-
Discounts from our business partners	$\bigcirc$	$\otimes$	-	$\bigcirc$	-
Opportunity to provide paid services to FIWARE Foundation for the benefit of all members and the ecosystem	$\bigcirc$	$\bigcirc$	-	-	_
Invitation to publicly funded projects	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	-

# Community leadership

	PLATINUM	GOLD	ASSOCIATE	STARTUPS	INDIVIDUALS
Opportunity to speak at events as a "FIWARE representative"	$\bigcirc$	_	-	_	-
Participation at specific Startup Community events	$\bigcirc$	$\bigcirc$	$\otimes$	$\otimes$	$\bigcirc$
Opportunity to become a FIWARE Evangelist		_	-	_	√

# Technical leadership

•	PLATINUM	GOLD	ASSOCIATE	STARTUPS	INDIVIDUALS
Permanent seat at FIWARE TSC	$\otimes$	-	-	_	-
Active shaping of the FIWARE Technical Roadmap (e.g. through technical workgroups)	$\bigcirc$	$\otimes$	$\otimes$	$\bigcirc$	$\bigcirc$
Active shaping of relevant tasks at cross-domain and domain-specific levels	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$
Contribution to the development of existing and new FIWARE components	$\otimes$	$\otimes$	$\otimes$	$\bigcirc$	$\bigcirc$
The opportunity to lead FIWARE Foundation initiatives	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$
The opportunity to become a FIWARE Technical Expert		_	-	_	$\bigcirc$

# Marketing benefits

	PLATINUM	GOLD	ASSOCIATE	STARTUPS	INDIVIDUALS
Invitation to regular Marketing direction calls	$\otimes$	$\bigcirc$	$\otimes$	$\bigcirc$	-
Dedicated press release announcing membership	$\otimes$	_	-	_	-
Company profile and contacts published on fiware.org*	$\otimes$	_	-	_	-
Social media posts (e.g. Linkedin, Twitter)*	4 x p.m.	2 x p.m.	-	_	-
Featured post on our blog*	4 x p.a.	2 x p.a.	-	_	-
Branded white papers published on fiware.org*	2 x p.a.	1 x p.a.	-	-	-
Joint impact stories or use cases*	2 x p.a.	1 x p.a.	-	_	-
Discounts for exhibition space on FIWARE booths / fairs	20%	10%	-	_	-
Free passes at sponsored fairs (wherever available)	$\otimes$	$\bigcirc$	-	$\bigcirc$	-
Complimentary tickets for FIWARE Global Summits	5	1	_	<del>_</del>	_

<sup>\*</sup> Content provided by members.

	PLATINUM	GOLD	ASSOCIATE	STARTUPS	INDIVIDUALS
Best-price guarantee for FIWARE Global Summits	unlimited	_	-	-	-
Guaranteed speakers/panel slots at FIWARE Global Summits *	3	1	-	-	_
First call for booth space reservation at FIWARE organized events	$\otimes$	_	_	_	_
Highlighted logo placements in Marketing material	$\otimes$	_	-	-	-
Logo placements in selected Marketing material (whenever possible)	$\otimes$	$\otimes$	$\otimes$	$\otimes$	_
Contribution and/or brand awareness in publications*	$\otimes$	$\otimes$	-	_	_
Invitation to press conferences	$\otimes$	_	_	_	_
Ready-to-use Marketing material to promote FIWARE and extend the community	$\otimes$	$\otimes$	$\otimes$	$\otimes$	$\bigcirc$
Marketing Roundup Newsletter	$\otimes$	$\otimes$	$\otimes$	$\bigcirc$	$\bigcirc$
Comprehensive exposure of solutions in the FIWARE Showcase	$\otimes$	_	-	_	_

<sup>\*</sup> Submissions must follow the process and deadlines of the FIWARE Call for Contribution.

### l Tell me more

## Check out what our members say about us



riware enables its vibrant community of users and solution providers to design smart and interoperable solutions. We are proud to be part of and support this community with solutions like the Garnet Framework, an open-source framework for building scalable, reliable and interoperable platforms leveraging FIWARE open-source technology and AWS Cloud services.

**ALI BENFATTOUM** oduct Manager Technical,



Telefónica Empresas wants to be a key partner in the digital transformation and FIWARE can help us achieve that goal. FIWARE Foundation stands out as the major driving force in creating an innovation ecosystem that, through an open-source platform, can solve real problems, using data gathered from different sources.

**AGUSTÍN CÁRDENAS FERNÁNDEZ**Director of Business Transformation,
Telefónica Empresas



Red Hat joined FIWARE to support the foundation's mission to create open source, interoperable solutions for the edge across a wide variety of domains, from Smart Cities to Smart Industry. We are proud to see Red Hat solutions included in the FIWARE technical portfolio and value our collaboration and cocreation with this vibrant community.

#### **LESLIE HAWTHORN**

Industry Verticals Community Lead
- Office of the CTO,
Red Hat



As a FIWARE Foundation member, CINTEL has experienced a significant boost in the development of smart cities and territories, as well as precision agriculture solutions. FIWARE has provided us with an innovative ecosystem in the way we approach and solve our technological challenges more efficiently.

**GARY COOPER MARTÍNEZ**PMP, CINTEL



Ubiwhere and the FIWARE
Foundation share a longstanding and strong
partnership, shaping smart
cities and empowering
communities. Leveraging
FIWARE technology we have
designed solutions where
technology harmonizes with
humanity, building not just
smart cities but resilient and
vibrant smart communities
that stand the test of time.





FIWARE Foundation is an instrument to create trust in the evolution of new markets. The more members we are able to attract (in the open source community and at the industry level), the more this credibility can be seen as an added value to our customers when selling products based on FIWARE.

### ORAZIO VIELE Executive Vice President System Integration Labs,



# Ready to join?

# Hop on and leave a mark in the digital future



### PLATINUM 100K€ p.a.\*

Suitable for companies strategically committed to FIWARE that want to take a lead in the further development of the foundation.

# PLATINUM Strategic End User 100K€ p.a.\*

Dedicated to those organizations that are actually users of ICT, but not ICT organizations as such.

### ASSOCIATE 1K€ p.a.\*

Ideal for non-profit legal entities, universities, technology centres, associations and similar organizations that do not fall under any other category. Be part of the 660+ members building, steering and sustaining Open Source technologies and common standards, based on FIWARE technology.

#### GOLD 2.5K€ to 50K€ p.a.\*

Suitable for companies strategically committed to FIWARE and willing to have an active role in pursuing the FIWARE mission.

#### **GOLD** Strategic End <u>User</u>

**0€ TO 1.25€ TO 25K€ p.a.\*** 

Dedicated to those organizations that are actually users of ICT, but not ICT organizations as such (1.25€ to 25K€).

Fee Waiver – Good for all public administrations becoming Gold Strategic End Users adopting FIWARE technologies and making this public (Gold Member fee can be fully waived).

### GOLD Startups 1K€ p.a.\*\*

Ideal for companies that are less than four years old, offering IT-related services and/or products.

<sup>\*</sup> annual fee varies depending on the size of the company.

<sup>\*\*</sup>This special fee is converted into a regular GOLD membership fee after three years (for companies with a yearly turnover of less than €2 million) and after one year (for companies with +€2 million turnover).

