



FIWARE Hackathon, 24 October 2019

FIWARE Global Summit in Smart Country Convention

CityCube - Messedamm 26, 14055 Berlin

Regulation

1. Hackathon Organization

The FIWARE Hackathon is an initiative promoted by the [FIWARE Foundation](#), the consortium of the [MIDIH](#) project, the [Connecting Europe Facilities Building Blocks \(CEF\)](#), and the [SmartAgrihubs](#)

The Hackathon will focus on the use of FIWARE Open Source technologies of which the Context Broker was developed as the core component of the FIWARE platform. The aim of FIWARE is to provide an open platform standard to ease the development of smart solutions. This ambitious objective required the definition and the development of an open standard technology for Context Information Management.

Since August 2018, the Context Broker has been one of the CEF Building Blocks.

The FIWARE initiative was born in Europe partially funded by the European Commission under the Future Internet PPP programme; nowadays FIWARE, fully supported by the FIWARE Foundation and its members, reaches a global dimension.

The FIWARE Hackathon, in the context of the 7th FIWARE Global Summit, is part of a dissemination process of FIWARE technologies, used, in this case, to accelerate the development of smart solutions in Smart Cities, Smart Energy, Smart Industry and Smart Agrifood sectors.

2. Hackathon Objective

The Hackathon is a competition of ideas and consists of a marathon of innovation aimed at developing new services/applications in the sector of Smart Cities, Smart Manufacturing, Open Data and Smart Agrifood, the 4 main topics of this hackathon.

The aim is to create innovative solutions to support:

- the development and long-term sustainability of (but not limited to) European cities,
- the implementation of innovative systems applied to the Smart Manufacturing sector,
- the reuse of Open Data in the context of all the vertical domains of the hackathon
- FIWARE to support the digital transformation in the Agrifood Sector.



3. Dates and Times

The conclusion of the Hackathon will take place in Berlin during the 7th edition of the FIWARE Global Summit. The Hackathon is divided into different phases:

- Hackathon Virtual Training Sessions (online training)
- Development of the solutions
- Elevator Pitches of the winners during the Startup Day at the FIWARE Global summit

The FIWARE Hackathon includes the following activities:

- 29 July at 17:00 CET - Launch of the FIWARE Hackathon
- 4 September at 10:00 – 12:00 - Exclusive Virtual Training Sessions on FIWARE technology and CEF Context Broker. Presentation of regulation (30 minutes) and 1 hour on the FIWARE technologies, followed Q&A (Registration available via the FIWARE website)
- 11, 18 September at 10:00 -11:00: Optional additional training sessions via <https://www.fiware.org/fiware-webinars>
- 5 September at 17:00 CET - Application form opens (available via FIWARE website)
- 11 October 2019 at 17:00 CET - Deadline to submit proposals
- 15, 16, 17 October - Virtual Pitch in front of the Evaluation Committee (3 members: FF, MIDIH consortium, CEF and Smart Agri Hubs)
- 24 October 2019 - Announcement of winners during the Startup Day and presentation of their solution at the **GRAND CLOSING** (3 min for each pitch)

4. Challenges

The FIWARE Foundation, MIDIH Consortium, Connecting Europe Facilities and SmartAgriHubs consortium, identified three main areas within which to develop the challenges:

Open Data:

Exploiting open data to:

1. enhance public administration efficiency,
2. provide user-centred services and,
3. reduce the digital divide

(*focus in at least one of the three challenges)

Smart Manufacturing

Implementing Industry 4.0 with the FIWARE Industrial IOT architecture

Smart Cities

Interface for data aggregation, information and use of the city for citizens and tourists

Smart Agrifood



Unleashing the innovation potential for the digital transformation of the European Agrifood Sector using FIWARE open source technologies.

In particular:

1. Help bees (a.k.a FIWARE for Bees)
2. Automate Farm Decision making (e.g. FIWARE for reaping and sowing)
3. Make better use of tractor/satellite data (e.g. FIWARE for Tractors)
4. Improve efficiency through agricultural automating tasks (e.g. FIWARE robotic harvesting)

5. Participants

Participation in the FIWARE Hackathon is open to all: startups, university students, researchers, professionals, operators, citizens, and associations.

6. Methods of Participation and Training of Teams

Participants, if not already organized in teams, can build team on the fly and are thus able to submit proposals.

The composition of each team will be assessed taking into consideration: skills, multidisciplinary approach, personal attitude, and basic knowledge of technologies. Each team must have a minimum of 2 and a maximum of 4 members. The participation of teams in the Hackathon is subject to registration by choosing a single challenge and submitting a single idea.

At registration time, (starting on 29 July 2019) and which is needed also for the Virtual Training Session (4 Sept 2019) the following information shall be provided through the registration system:

- Name of the team
- First name, last name of each individual member of the team
- An email and/or phone number of a contact person
- Identification of the status profile and distinctive competencies of the individual participants in the group.

The registration to the FIWARE Hackathon entails the acceptance of the regulation and the privacy policy. Participants are solely responsible for the information provided and undertake to respond to any requests for information from promoters.

Once registered, participants will have access to the information materials made available *in progress* by the promoters and will be able to formulate questions to be sent to Tonia Sapia, Marketing and Project Manager at the FIWARE Foundation tonia.sapia@fiware.org.



7. The Proposals

Proposals must be submitted no later than 11 October 2019 at 17:00 PM CET through a dedicated google form which will be made available on FIWARE Website. At the point in time of the submission of the proposals participants shall already have booked their tickets for the participation in the Startup Day (24 October) or the whole FIWARE Global Summit (23, 24 October 2019).

Application has to be submitted to the following [lnk](#) of the hackathon [website](#)

8. Public Presentation of Proposals

Each team will present its proposal with a pitch of 3 minutes English in the 'Virtual Pitch' session. The virtual presentation (with the subsequent evaluation) will take place on 15-16 October from 10 AM via gotomeeting. (link available on FIWARE website). The Jury referred to in art. 9 will evaluate the proposals according to the rules provided for in art. 11. The final product is recognised as intellectual property of the teams, subject to any licences and patents that may be used. The promoters and their partners do not obtain any property rights solely because of the presentation of the final product. Members of the same team are co-authors and have the same intellectual property rights attached to the final product, including any exclusivity on commercial exploitation, which they must exercise by mutual agreement.

Only the teams present at the Startup Day on 24 of October (09:00- 15:30) at the FIWARE Global Summit will be admitted to the final prize-giving ceremony.

At least 2 members of the team must be present at the Startup Day of the FIWARE Summit.

9. Composition of the Jury

The composition of the Jury will be made public by 14 October 2019. In any case, it may be modified, due to the unavailability of one or more members at any time by the promoters.

They are members of the Jury:

- At least a representative of FIWARE Foundation
- At least a representative of the Connecting Europe Facilities initiative
- At least a representative of the MIDIH project
- At least one member of SmartAgriHubs

10. Winners

The Jury will meet at the end of the presentations on 16 October 2019 and will draw up a ranking of the projects presented for each challenge. This date can be changed depending on the number of proposals submitted.



There will be 4 winning teams of the Hackathon, one for each challenge (Smart Cities, Smart Manufacturing, Open Data and Smart Agrifood).

The jury reserves the right to refuse to award prizes or to award ex-aequo prizes.

The jury is sovereign and its judgment is final.

It follows that no complaint can be accepted following the nomination of the winners.

11. Summits and awards

During the Startup Day the winners will be called in front of the Jury and will present their solution with a 3-minutes pitch in English.

During the Summit, the winning teams will be called on the stage during the Closing Ceremony on 24 October 2019 at 4.00 p.m.

The prizes are as follows:

- Open Data Challenge: 2500 euros
- Smart Manufacturing Challenge: 2500 euros
- Smart Agrifood Challenge: 2500 euros
- Smart Cities Challenge: Smart City Expo World Congress (Barcelona, Spain from 19-21 November 2019 <http://www.smartcityexpo.com/en/home>) attendance fully paid by the FIWARE Foundation (travel, hotel, access)

For all the winners:

- 1 year of technical services for free provided by the FIWARE Foundation
- 1 year of free social media promotion and global visibility thanks to the international channels of the FIWARE Foundation*

Any other prizes may be proposed by members of the FIWARE Foundation and sponsors of the FIWARE Global Summit. Such additional awards will be communicated on the day of the award.

12. Intellectual property

Each team member is committed to:

- respect all intellectual property rights of third-party creations used.
- indemnify the promoters and partners in the event of disputes, including legal disputes, with third parties or partners.



Each participant as a person guarantees that the final product has not been edited or sold and that it is an original work of which team members are the authors and that it does not violate intellectual property rights or other rights of any third party.

Each participant as a person also declares that he/she has all the rights necessary to comply with the Regulation.

Any violation of the above will ensure ex officio disqualification.

13. Personal data and Image Rights

Promoters and their members are authorised to disseminate the names of the winners, the name of the project, its purpose and description, together with extracts or images of the final product.

Each team member agrees that the promoters and their members will photograph or film him/her and disseminate to the public images that may include his/her person.

14. Right of Disqualification and Exclusion

The promoters reserve the right to disqualify anyone who does not comply with the rules, materials made available to him/her, and the premises of the Hackathon.

15. Cancellation or Change of Dates

In the event of extraordinary events or other circumstances that make it necessary, the promoters may cancel the Hackathon or move it to another date.

16. Expenses

All costs of participation shall be borne by each participant. Including travel, accommodation and tickets to participate at the summit.

17. Other Provisions

The participant acknowledges that he/she has been informed that he/she will be held solely responsible for any inaccuracies contained in the registration format he/she has completed or for any failure to comply with the obligations contained in the regulations.

18. Applicable Law



The applicable law is the German law. In the event of any dispute concerning the interpretation or enforcement of the Regulation, the case shall be brought before the competent court in Berlin.

Promoters and partners are not responsible for damage, loss or theft of materials and equipment used by participants for the performance of their work within the Hackathon.