



Aveiro 5G Challenges

PARTICIPATION RULES

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PREÂMBULO

The last decade intensified the change in our society, whose economic development paradigms and creation of business were modified by a society more entrepreneurial, with greater access to technological solutions that permits the development innovative and disruptive business models. Having this in mind, governmental agents must improve and promote public policies to leverage the development of favourable ecosystems to create jobs, new services and goods, capable to increase value to the market.

The first edition of “Aveiro 5G Challenges”, hereinafter designated as “Aveiro 5G”, consists of an initiative to attract, trial and implement innovative projects of products and services operated in a 5G network.

CHAPTER I

GENERAL RULES

Article 1.º

Object

This document states the rules in relation to the submission of applications to the first edition of Aveiro 5G, promoted by the Municipality of Aveiro, within the project of Aveiro STEAM CITY (UIA03-084), cofounded by the European Union programme Urban Innovative Actions.

Article 2.º

Objectives

1. Aveiro 5G is an initiative that aims to:

- a) Promote and support new innovative projects to develop and test new solutions operable in a 5G platform;
- b) Enable the participants to develop and improve their projects, using new tools useful for its growth;
- c) Attract and retain innovative organisations technology based in Aveiro 5G testbed and ecosystem;
- d) Promote and fixate people and talented professionals in the area ITC in Aveiro Region.

Article 3.º

Definitions

1. For the purpose of the current rules, should be considered the following definitions:
 - a) «*Startup*» - Entities with less than two years of activity;
 - b) «*Scaleup*» - Entities with more than two years of activity and less than ten years, in a process of growth, access to new markets and increasing of employees;
 - c) «*R&D Institutions*» - Equivalent organisations foreseen in subparagraph a) of the article 14º of the *Decreto-Lei* n.º 63/2019, from 16th May, which establishes the legal framework of research and development institutions, R&D units, Governmental Labs and Associated Labs;
 - d) «*Project*» - Group of structured and correlated activities and tasks with the objective to develop a new service/product, a new process/market, new methodologies/organisation and new characteristics of products/services with economical potential;
 - a) «*Participants*» or «*Entrepreneurs*» - People aged 18 or more taking part of a team or project.

Article 4.º

Beneficiaries

1. The first edition of this programme is addressed to:
 - a) Startups,
 - b) Scaleups or
 - c) R&D Institutions
2. The application must be submitted by one or more members from an organisation. Each team must have one to three members, and if selected, must participate in the different stages of the programme.
3. The organisation will exclude from this edition every organisation with a financial turnover of 50 Millions of Euros.

Article 5.º

Schedule and stages

The first edition of Aveiro 5G will be implemented with the following timeline:

11th October 2019: Official presentation in Techdays 2019.

12th October 2019 to 31st January 2020: Application submission period and technical clarification.

1st February to 12th March 2020: Selection of applications period.

13th March 2020: Announcement of 10 finalists.

17th April 2020: Kick-off event.

21st April to 14th May: Training and Mentoring.

17th April to 30th September 2020: Development and trial stage.

8th October 2020: Pitch Training.

9th October 2020: Final Pitch.

10th October 2020: Demoday @ Techdays 2020 and 3 winners' announcement.

CHAPTER II

APPLICATION

Article 6.º

Application submission and deadlines

1. Each application must respect the requisites stated in article 8^a and must be submitted until **11h59pm by the 31st of January 2020** (GMT time), using the application form available in the website – www.aveirotechcity.pt.
2. Each organisation must submit only one application.
3. During the application submission period, Aveiro 5G organisation will share a permanent contact for further technical queries about the local 5G ecosystem and to clarify about the technical feasibility of the proposals submitted by the participants. This support is provided by Altice Labs, partner responsible for the development of the 5G platform, which will reply to participants' questions within 5 working days.
4. In parallel, in programme's website, a technical document will be available listing the characteristics of the 5G infrastructure.

Article 7.º

Application's documents

1. The application must include the submission form available in the website www.aveirotechcity.pt.
2. The participants can also voluntarily include additional documents such as: business model, portfolio, leaflets, videos or other elements to illustrate the project.
3. These optional documents must be attached to the application form available in the website.

Article 8.º

Projects' requirements

1. The submitted projects must be developed and tested in the local 5G testbed of the Municipality of Aveiro.
2. The submitted projects must conduct to new solutions, products or services to existing markets or, in a disruptive perspective, leverage the development of new markets and concepts.
3. Projects should be well considered in terms of their technical feasibility. Aveiro 5G Challenges is a program that aims to support the development and implementation of projects and, as such, projects must be proposed and designed regarding program deadlines.
4. Projects must also belong to the participants, being those the responsible, in all legal terms, for their authorship.
5. Candidates must ensure their participation throughout the different stages of the challenge, namely: Training and Mentoring Sessions, online sessions during development phase, final pitch e demoday.
6. Each team must identify one of the elements to be the representative leader throughout the program.

Article 9.º

Invalid applications

1. Applications in any of the following situations are considered invalid:
 - a) Submitted after the deadline referred in Article 6;
 - b) Fail to submit all the requested documentation as described in Article 7;
 - c) The information provided is false;
 - d) Do not comply with the requirements set out in Article 8;
 - e) If there is any other irregularity with the application.
2. Applications that fall in these previous situations will be automatically eliminated from the competition and competitors will be notified.

Article 10.º

Selection Process and Evaluation

1. Applications will be evaluated by a Jury, in accordance with Article 11, taking into account the following criteria, score and weighting:

Selection Criteria	Score	Weight	
Project			
Maturity	(1-5)	15%	
Innovation	(1-5)	20%	50%
Scalability and Trading Potential	(1-5)	15%	
5G Infraestruture			
5G Infrastructure Utilization	(1-5)	20%	
Development and trial Potential	(1-5)	15%	35%
Team			
Technical Competences/Skills	(1-5)	5%	5%
Methodology / Implementation Organization		10%	10%
		100%	

2. From this selection, a maximum of 10 projects will be selected to take part in the program.

3. To the previous evaluation, Jury will give additional weight considering the nature of the beneficiaries:

- a) Startups increased by 15%,
- b) Scaleups increased by 10%
- c) R&D institutions increased by 5%.

Artigo 11.º

Júri

1. The selection of 10 projects will be made by a Jury composed by five elements, representative of:

- a) Municipality of Aveiro;
- b) University of Aveiro;
- c) Altice Labs;
- d) Ericsson (Portugal);
- e) Beta-i.

2. The Jury evaluates the projects based on the information provided in the application form and documents referred in Article 7, and in accordance with the evaluation criteria set out in Article 10.

3. The Jury decisions are sovereign and there is no appeal.

4. In case of proposals with the same score, the Municipality of Aveiro will have the tiebreaker power.

CHAPTER III

PROGRAM

Article 12.º

Training and Mentoring

1. The training and mentoring sessions of Aveiro 5G will occur in the following dates:

17th of April 2020: Welcoming and Program presentation | Pitch of each 10 projects (5 minutes) | Networking event

21st of April 2020: Workshop Validation Techniques | Mentoring

22nd of April 2020: Workshop Competitors Analysis | Mentoring

28th of April de 2020: Workshop 5G Ecosystem I

30th of April de 2020: Workshop 5G Ecosystem II | Mentoring

5th of May 2020: Workshop Building Hypothesis | Mentoring

6th of May 2020: Workshop Talking to Customers | Mentoring

13rd of May 2020: Workshop Customer Journey & Empathy Maps | Mentoring

14th of May 2020: Workshop Value Proposition & Pilot Canvas | Mentoring

2. Training sessions will take place at a designated place and will be conducted by professionals of proven experience in workshops and training sessions;

3. The list of mentors and trainers will be announced on 13rd of May 2020, in parallel with the announcement of the 10 finalist projects.

4. The training and tutoring sessions will take place at a later designated location.

Article 13.º

Pitch Training e Final Pitch

1. On 8th of October 2020 will be held the workshop "Pitch Training" where participants will develop their presentation techniques.

2. The final pitch of each project will take place on 9th of October 2020. Each team has a maximum of 5 minutes to present their project and can use audiovisual tools if necessary.

3. The organization will define the Final Pitch program and time slots of each team presentation. The organization will not accept time slots exchanges between teams without prior request. Teams can request the organization a time slot change until 8pm of the 05th of October 2020.

4. The final pitch takes place at the Exhibition Park of Aveiro or other place that the organization may indicate.

Article 14.º

Development and Trial

1. Development and trial phase, held between 17th of April and 30th of September 2020, will enable the ten final projects to access the 5G Infrastructure to test the applicability and future success of the project in real context.
2. During the development and trial phase, teams will have access to a technical helpdesk related to 5G infrastructure, provided by Altice Labs.
3. Between 17th of April and 30th of September 2020, the organization offers a co-work space in the business Incubator of the Municipality of Aveiro in order to team members develop their projects. This space must be requested by email to the organization.
4. Until 10th of August 2020, each team shall submit a brief progress report (Annex II), identifying the steps and works developed, the mentoring meetings carried out or other relevant information, reported as 31st of July 2020. The progress report will allow the organization to follow the work and results that are being achieved during development phase.

Article 15.º

Demoday and Winners Session

1. Demoday will be held on 09th of October 2020, within the TECHDAYS 2020 event, to present Aveiro 5G Challenges ten projects to the community, participants, guests and speakers.
2. The three project winners will be announced in this event, according to Article 16.

Article 16.º

Winners Evaluation and Selection

1. The selection of the three Project winners will be made by a Jury composed by five elements, representative of:
 - a) Municipality of Aveiro;
 - b) University of Aveiro;
 - c) Altice Labs;
 - d) Ericsson (Portugal);
 - e) Cluster TICE.PT.
2. The Jury evaluates the projects based on the following criteria, score and weighting:

Winners Selection Criteria	Score	Weight	
Project			
Maturity	(1-5)	15%	
Innovation	(1-5)	20%	50%
Scalability and Trading Potential	(1-5)	15%	
5G Infraestruture			
Obtained results using the 5G infraestruture	(1-5)	20%	
Level of evolution and development in the trial phase	(1-5)	20%	40%
Pitch			
Ability to explain/communicate the project	(1-5)	10%	10%
			100%

3. Each member of the Jury gives to each project, and for each of the criteria mentioned, a score between one to five points, corresponding: 1 - not relevant, 2 - little relevant, 3: relevant, 4: very relevant and 5: quite relevant.

4. The total is established by the sum of the scores obtained in each criteria and the respective weigh.

5. In case of proposals with the same score, the Municipality of Aveiro will have the tiebreaker power.

6. The Jury decisions are sovereign and there is no appeal.

CHAPTER IV PRIZES & FUNDING

Article 17.º Funding

1. The 10 selected projects of Aveiro 5G Challenges benefit from the following support:
 - a) € 2.000,00 to cover participation costs;
 - b) Participation in training workshops;
 - c) Access to a network of mentors and experts from specific business areas;
 - d) Access to 5G infrastructure to develop and test their projects;
 - e) Access to networking events and Aveiro’s entrepreneurial ecosystem;
 - f) Free co-work space at the Business Incubator of the Municipality of Aveiro during the Development & Test phase.

Article 18.º

Prizes

1. The three winners will receive a cash prize of € 25,000.00 to support the development of the proposed solution.
2. The prizes will be paid by bank transfer to an account indicated by the representative of each team, who is responsible to invest the prize in the development and implementation of the project.
3. Any fees or taxes applied to the award are supported by the winners

CHAPTER V

CLAUSES

Article 19.º

Obligations and responsibilities

1. The 10 projects of Aveiro 5G Challenges commit to:
 - a) Comply with the directives set in these participation rules and other accompanying documents, as well as provide information about their project, whenever requested;
 - b) Attend and actively participate in each phase of the program, as referred in Article 8, developing and testing their project in Aveiro Municipality.

Article 20.º

Intellectual propriety

1. The intellectual property of the solutions and materials, as well as the knowledge acquired and documentation inherent to them, will be the sole and exclusive property of the participating teams.
2. None of the teams may develop products and other components without the prior written consent of the party to whom their respective industrial/intellectual property rights belong.
3. The teams will be responsible for any third party licenses necessary for the correct functioning of the submitted solution, and assume all responsibility from third party claims regarding copyright as well as industrial property rights.
4. Participants accept the collection of communication content for dissemination of Aveiro 5G Challenges to the general public, without prior notification.



Article 21.º

Final Clauses

1. The organization guarantees the confidentiality of the submitted applications, as well as the anonymity of the beneficiaries that will not be selected.
2. Participants automatically agree to the use of images, voices and names for the disclosure and promotion of Aveiro Urban Challenges, without charge or term of retribution.
3. The organization reserves the right to modify these rules, as well as the Jury composition.
4. If there is any dropouts, participants must communicate by email (aveirotechcity@cm-aveiro.pt) and the jury may reinstate other projects/participants.

Article 22.º

Omissions

Any situation not foreseen in these rules, as well as any questions or problems that arise during the program, should be communicated to the organization by email (aveirotechcity@cm-aveiro.pt), that will act accordingly.



What problem/need or opportunity are you looking to address or benefit from the project? *

EVALUATION CRITERIA: Project Maturity

Short explanation of potential users or customers, what problem will be answered or what opportunity will be created by the development of the project. If possible give detailed responses with quantitative or qualitative data

Lined area for writing the answer to the first question.

What technology underpins the product or service? *

EVALUATION CRITERIA: Innovation of the Project

Clear and objective description of the current stage and the next critical steps in solution development. Participants should be aware of what type of information is transmitted in order to avoid disclosure of confidential information. In other words, we suggest not the explanation on how technology works, but rather what it does and how it meets customer needs.

Lined area for writing the answer to the second question.



4. ANNEXS

Participants will be able to add documents such as business model, portfolio, prototypes or videos.

5. FINAL CONSIDERATIONS

By submitting the application, participants declare that:

- The information is reliable and true.
- They are responsible for any claims about intellectual and industrial property rights or improper access to third party data and information.
- Accept additional information required by the organization

AVEIRO STEAM CITY
Aveiro 5G Challenges – Aveiro Tech City
Participation Rules

Main Urban Authority:



Program:



Funding:





**AVEIRO
STEAM CITY**



4. EQUIPA

Descrição do trabalho desenvolvido por cada membro da equipa e afetação ao projeto.

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IDENTIFICAÇÃO DA EQUIPA

NOME ELEMENTO 1: %AFETAÇÃO

NOME ELEMENTO 2: %AFETAÇÃO

NOME ELEMENTO 3: %AFETAÇÃO

AVEIRO STEAM CITY
Aveiro 5G Challenges – Aveiro Tech City
Normas de Participação

Promotor:



Programa:



Financiamento:

