



OBJECTIVES

The 5GINFIRE is, by design, a duality project that sets its overall technical objectives as a prerequisite for achieving a longer term strategic objective that aspires to resonate beyond its lifetime and act as valuable source of constant feedback:

- Establish the first 5G NFV-enabled experimental testbed capable of instantiating and supporting vertical industries based on industry-leading and open source technologies,
- Specify, Implement, and Operate Verticals drawn from the Automotive Industry on top of the Open5G-NFV common experimental facility,
- Provide a platform for innovation in Europe specifically suitable for SMEs,
- Develop open source Management and Orchestration (MANO) functionality and toolsets for experimental architecture instantiation,
- Enable in-testbed and extra-testbed demonstrations in an open reference platform
- Open software and APIs for rapid prototyping and inclusion of new building block functionalities with the necessary metadata definition, and
- Accelerate the formation of an open European-initiated, global-reach, long-term sustainable community.



EVOLVING FIRE INTO A 5G-ORIENTED EXPERIMENTAL PLAYGROUND FOR VERTICAL INDUSTRIES

5GINFIRE is a three years Research and Innovation action / project under the EU programme Horizon 2020 (Grant Agreement no. 732497) started on 1 January 2017. The EC funding is 4,999,970€ and 50% of this amount is dedicated to third parties (experimenters and 5G experimental facilities owners/operators) which will be selected through the planned 5GINFIRE Open Calls.



Website: www.5ginfire.eu

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5GINFIRE



www.5ginfire.eu

CONSORTIUM

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Eurescom (Germany) – Project Coordinator

B-COM (France)

Easy Global Market SAS (France)

Instituto de Telecomunicacoes (Portugal)

Telefonica Investigacion y Desarrollo SA (Spain)

Universidad Carlos III de Madrid (Spain)

University of Bristol (UK)

University of Patras (Greece)

Fundacao de Apoio Universitario (Brazil)

Universidade de Sao Paulo (Brazil)

1st 5GINFIRE Open Call - phase 2

“Initial experiments and additional functionalities and infrastructures for experimentation”

This 5GinFIRE open call targets the following types of experimenters and facility providers:

Category 1: Invite **experimenters** to use the 5GINFIRE experimental facilities, taking advantage of the provided EVI features such as SDN, NFV and VxFs to test vertical applications

Category 2:

- a. Invite open source developers to provide missing **functionality** that is necessary for the lifecycle management of infrastructure components that enable virtualized infrastructures
- b. Invite designers and facilities providers of vertical sectors to take advantage of the 5GinFIRE toolsets and best practices, and integrate **new experimentation infrastructures** in the 5GINFIRE portfolio

Available funding:

Category 1: for experiment proposals, maximum 75,000€ funding per accepted proposal

Category 2-a: for new functionalities, maximum 60,000€ funding per accepted proposal

Category 2-b: for extending infrastructures, maximum 125,000€ funding per accepted proposal

- Total of 375,000€ for proposals in Category 1 is available for this Open Call.
- Total of 180,000€ for proposals in Category 2-a is available for this Open Call.
- Total of 250,000€ for proposals in Category 2-b is available for this Open Call.

Further conditions of the Open Call, eligibility criteria, proposal templates, and proposal submission portal are available on the 5GINFIRE website <https://5ginfire.eu/>.

Contact: contact@5GinFIRE.eu - the contact e-mail address is archived.

Submission deadline: 19 September 2018 at 17:00 Brussels local time

Mandatory feasibility check deadline: 12 September 2018