1st 5GINFIRE Open Call - phase 1

"Initial experiments and additional functionalities and infrastructures for experimentation"

- Announcement -

Call information:

General call identifier: **5ginfire-1-1** - 1st 5GINFIRE Open Call - phase 1 "Initial experiments and additional functionalities and infrastructures for experimentation"

Submission deadline: 28 February 2018 at 17:00 Brussels local time

Call objectives:

The main technical objective of 5GinFIRE is to build and operate an open and extensible 5G NFV-based reference (Open5G-NFV) ecosystem of experimental facilities that not only integrates existing FIRE facilities with new vertical-specific ones, but also lays down the foundations for instantiating fully softwarized architectures of vertical industries and experimenting with them. The initial instantiation of the Open5G-NFV ecosystem is driven by the automotive vertical industry deployed across state-of-the-art 5G infrastructures. However, it is as generic as possible in order to host other verticals applications.

In alignment with the overall project objectives 5GINFIRE is organising a competitive open call targeting external organisations, industry including SMEs, research institutions, and academia, interested to perform experiments on the top of the infrastructure provided by 5GinFIRE. In order to further improve the 5GinFIRE ecosystem and add new needed functionalities for experimenters, the open call mechanism is used to involve third parties, which are able to provide the needed additional infrastructures and functionalities. Therefore this 5GinFIRE open call targets the following types of experimenters and facility providers:

- **Category 1** (call identifier **5ginfire-1-exp-1**)**:** Invite **experimenters** to use the Automotive EVI environment as it is, 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 virtualised infrastructures (call identifier **5ginfire-1-inf-a-1**).
  b. Invite **designers and facilities providers** of other verticals to take advantage of the 5GinFIRE toolsets, facilities and best practices, and instantiate new EVIs from other vertical industries (call identifier **5ginfire-1-inf-b-1**).

Available funding:

- **Category 1**: for experiment proposals (call identifier **5ginfire-1-exp-1**), maximum 75,000€ funding per accepted proposal
- **Category 2-a**: for new functionalities (call identifier **5ginfire-1-inf-a-1**), maximum 60,000€ funding per accepted proposal
- **Category 2-b**: for extending infrastructures (call identifier **5ginfire-1-inf-b-1**), maximum 125,000€ funding per accepted proposal

Total of 375,000€ for proposals in **Category 1** is available for this Open Call.

Total of 375,000€ for proposals in **Category 2** (including both sub-categories a and b) is available for this Open Call.

Further remarks:

- Proposals will only be accepted from a single party eligible for participation in EC H2020-projects.
- Proposers' organizations can submit multiple proposals, but only one proposal per (sub-) category and per single organization (in total maximum two proposals from a single organization) might be selected for funding in this Open Call.
- The proposal has to be submitted in English language through the 5GINFIRE submission tool by using specific proposal template (both available on the 5GINFIRE website https://5ginfire.eu/).

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