

**EGI Strategic and Innovation Fund**

**Call for projects no. 2 – 2018**

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| **Document Link** | <http://go.egi.eu/fund-2018-2> |

# Call for Projects

The EGI Strategic and Innovation Fund is defined by a Terms of Reference and by a Playbook for Applicants (<http://go.egi.eu/fund-tor>). This document defines the priority investment areas, budget per project and timeline for application for the second call of 2018.

## Investment areas

**Priority topic investments**

For the second call of 2018, the priority topics for investment are:

* Cloud computing
  + Decrease time of installation and operating
  + Increase user satisfaction
  + Improve capability to manage spot instances and short-term living VMs
  + Add kubernetes support with auto-scaling capability
  + Accelerate adoption of federated authentication
  + Support for cloud bursting scenarios
  + Federate docker repositories
  + Set up and support an interactive training platform
  + Integrate DIRAC and the VMops dashboard for easy deployment of a hybrid HTC/cloud cluster
  + Easy deployment of kubernetes-based services (allowing to deploy some specific service for a community (instead of using a catch-all instance or to do like it’s done in the AOD with EC3 clusters)
* Data management
  + Data federation browser into AppDB Ops Dashboard
  + ‘Bring your own cloud’ concept for VREs and their users
  + Catch-all drop-box like storage for EGI Applications on Demand and other services
  + Bullet-proof usage of legacy X509 data services within an OIDC computation workflow
  + EGI File Catalog (e.g. based on DIRAC, Onedata)
  + Policy-based distributed data management catch-all service
* Software development practices
  + Continuous Integration/Continuous Delivery (CI/CD) for Virtual Appliances
  + EGI and Federated Cloud documentation project 2.0
* Usage accounting
  + Improve user insights / analytics
  + Automatic regular report generation to user communities and service/resource providers

Applications can refer to any type of project supported by the Fund.

**Open topic investments**

Besides the two aforementioned *Priority Topics* there are also a few spots for projects in other topics, the so-called Open Topic applications. Applications are accepted only for PoC, Prototype and Patch projects.

## Budget and duration

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| **Project type** | **TRL** | **Max duration** | **Max budget** |
| Proof of concept | 0-3 | 3 months | 5,000€ |
| Prototype | 3-6 | 6 months | 15,000€ |
| Major Innovation | 6-9 | 12 months | 50,000€ |
| Patch | 6-9 | 3 months | 5,000€ |

## Timeline

* Sep 24, 2018: start of submission for applications
* Nov 11, 2018: end of submission for applications
* Dec 3, 2018: announcement of results