



2018-5 CEF Telecom Call: Public Open Data/ HPC

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CEF-TC-2018-5: Public Open Data

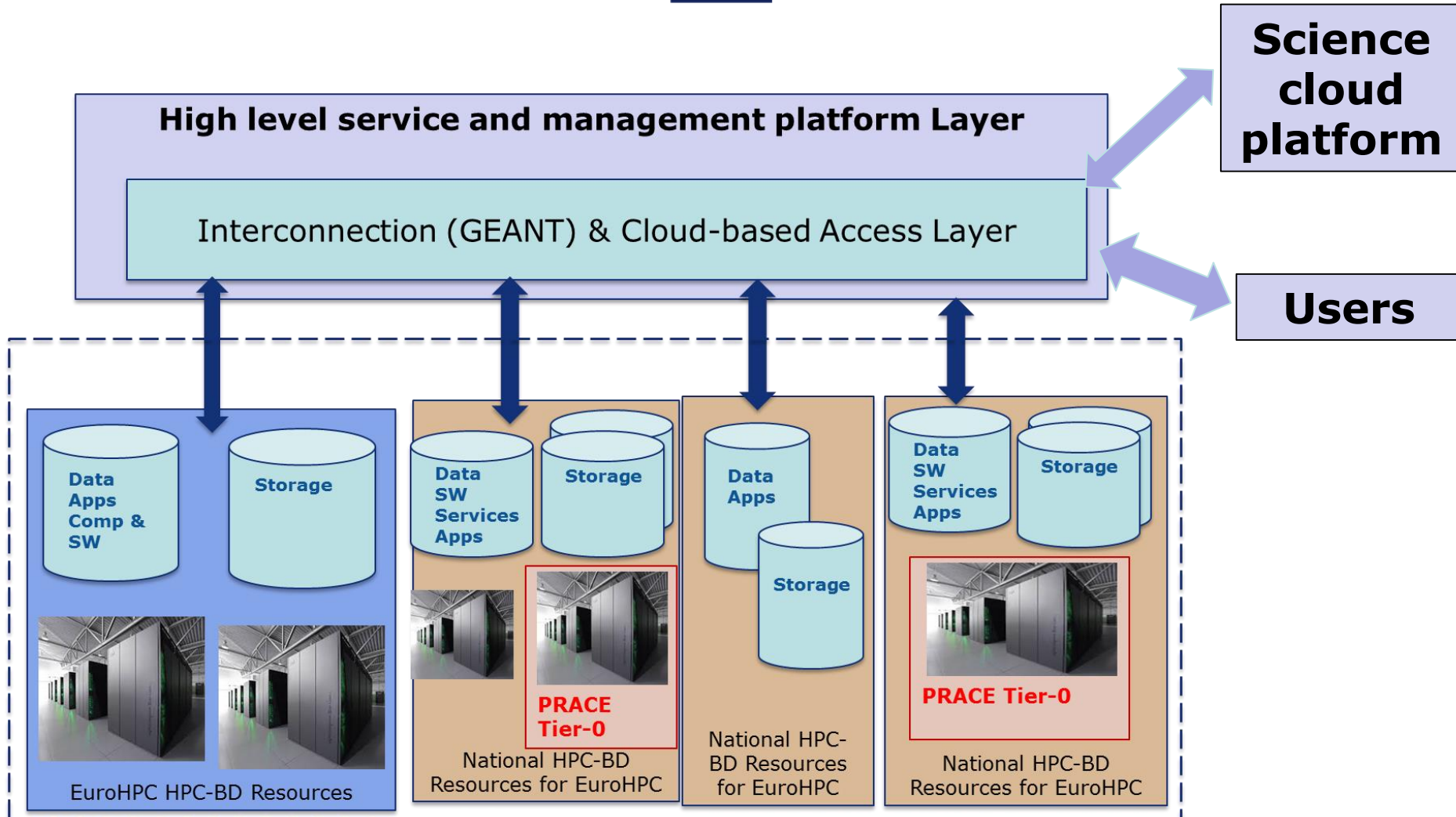
Improved access to public sector information, as well as its exploitation, is an essential component of the EU strategy for stimulating new business opportunities and research and addressing societal challenges.

Actions addressed by this 2018 call will have to reflect one of the following three **Objectives**:

- 1) Support for the re-use of information made discoverable/available through the European Data Portal
- 2) Support generation of cross-border services providing access to harmonised thematic open dataset, in particular geospatial data
- 3) **Support the creation of new access services to increase the HPC and data capacities of the European Data Infrastructure**

The European Data Infrastructure Implementation (long term vision)

European
Commission



Objective 3: Increasing the HPC and data capacities in Europe



Expected Outcome

- create **generic access services** increasing the usability of HPC, storage and data management facilities, and enabling the exploitation and the cross-border use of HPC+data for public interest
- Generic access services will have to be showcased **in concrete services of public interest with real users**
- proposed actions must include the **provisioning of HPC and data resources**, including where necessary, the procurement of dedicated HPC, storage and data management infrastructures, and cloud-based services to access resources and to process the data

Difference with previous call:

(2017): services demonstrating the value of HPC+Open Data

(2018): generic access services + user services + provisioning of HPC and Data resources

Objective 3 - Overview

- Budget: **15 m€**
- Indicative funding per action: (expected) **3-5 m€**
- Max. co-funding rate: **75% of total eligible costs**
- Pre-financing: **up to 50% of the grant amount**
- Indicative duration of the actions: **36 months**
- Consortium composition: **no minimum consortium composition**

Objective 3: **Specifics (1/2)**

- Proposals **must** address all of the following:
 - generic access services, and demonstrate that they increase the usability of HPC, storage and data management facilities
 - set of cases in targeted application area(s) and develop end-user driven services of public interest, based on the proposed generic access services
 - identify clearly the relevant data and ensure
 1. seamless access to input data and
 2. relevant datasets (including metadata) generated will be made available as open data - conformant/interoperable with standards relevant to the targeted public services, including for upload onto a national/domain Open Data Portal and the European Data Portal

Objective 3 – Specifics (1/2)

- Proposals **must** address all of the following (2/2):
 - demonstrate that the action contributes to the objectives of the European Data Infrastructure, i.e. increasing the uptake of HPC, storage and data management facilities in Europe, and contributing to a new generation of easy-to-use HPC and data-powered cross-border and intelligent services
 - demonstrate the value of using supercomputing resources in the proposed action to analyse and process massive amounts of open data resources.
- Expected applicants include: HPC+data infrastructure providers, large data generators or providers, users, developers of cloud-based access services

Objective 3: **What is in scope?**

- **What IS in scope of the call?**
 - Proposals increasing the HPC and data capacities in Europe, **with generic access services and end-user services, and provisioning of HPC/data capacities**
 - No restrictions on the application domain of the service or input data sets
 - Output (**relevant** data/datasets and metadata):
 - publicly available as open data and,
 - (if applicable) conformant/interoperable with the standards adopted by the targeted public services, including for seamless upload onto a national/domain related Open Data portal and the European Data Portal
- **What IS NOT in scope of the call?**
 - Proposals that do not increase the HPC and data capacity available for users in Europe with additional HPC/data resources and services

Objective 3 - Award criteria (1/2)

Relevance:

- **Alignment to DSI implementation objectives & activities (WP), e.g.:**
 - What are the generic service(s) – how do they increase the usability of HPC and data facilities? how do they enable the scalable exploitation and the cross-border use of HPC and data capacities for public interest?
 - What are the use cases, the application area(s) and the concrete services with real users? how do they showcase the use of generic services?
 - What are the new HPC and data resources provisioned? How much and how are they accessed? Are new infrastructures procured? What are the cloud-based services to access resources and to process the data?
 - What is the relevant input data, how is seamless access ensured?
 - How the proposal will contribute to lay down the basis a new generation of HPC and data-powered cross-border and intelligent services?
- **Alignment to EU/national policies, strategies and activities, including e.g.:**
 - How the proposal increases the HPC and data capacities of the European Data Infrastructure and widens the use of HPC (European Cloud initiative: [COM\(2016\)178](#))

Objective 3 - Award criteria (1/2)

- **Quality & efficiency:**

- **Maturity** e.g. are there new services and HPC/data capacities, or builds on an existing one? does the proposal demonstrate that the proposed action is technically mature e.g. diagrammatic representation of the high-level architecture of the solution
- **Coherence/effectiveness of work plan** e.g. are the HPC resources provisioned adequate for the objectives? Do they justify the the procurement of new resources?
- **Quality of consortium/consortium members**
- **Support from national authorities/industry/NGOs**
- **Attention to security/privacy/accessibility** (inclusiveness, where relevant)

- **Impact & sustainability:**

- **Quality of the approach to facilitate wider deployment/take-up of the proposed actions** e.g. what are the specific dissemination activities to target users? Are other potential users/countries/public administrations etc. well identified? Are there specific training activities (where relevant)?
- **Capability of long-term sustainability without EU funding** e.g. are there business cases to operate the service with the necessary support and maintenance? in case of sub-contracting of core tasks how will the knowledge-transfer be organised?

Other useful information

- **Call webpage:**

<http://ec.europa.eu/inea/en/connecting-europe-facility/cef-telecom/apply-funding/2018-cef-telecom-call-public-open-data>

- **Call text:**

https://ec.europa.eu/inea/sites/inea/files/2018-5_call_text_public_open_data_final.pdf

- **Background info on the HPC strategy:**

<http://ec.europa.eu/digital-single-market/en/policies/high-performance-computing>

More information on the calls...



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<http://ec.europa.eu/inea/en/connecting-europe-facility/cef-telecom/apply-funding/2018-cef-telecom-calls-proposals>



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Thank you!