



February 10, 2022

[Funding Newsletter Issue|9](#)

Dear members,

I wish to start by thanking the many members that have joined the workshop “*Digital Europe: Cloud, Edge and Data Spaces Funding Opportunities*” held on 28 January 2022, organised in collaboration with the European Commission, DG Connect. The idea behind this workshop was to provide you a detailed overview of the Digital Europe Programme 2021-2022, previewing, the so much expected coming calls, as well as to provide you some tips on how you can present a qualitative proposal. Many speakers from the Commission were invited on the subject including Pierre Chastanet, Head of Unit - Cloud & Software, Manuel Mateo Goyet, Deputy Head of Unit – Cloud & Software, Francisco Guirao, Project Officer, who provided an overview of the tips and tricks for a good proposal write-up, Federico Milani, who delivered an overview on dataspace, and other dataspace interventions per sector, such as health, agriculture, manufacturing, and mobility. For those that could not attend, you can find the recording through this link: <https://www.youtube.com/watch?v=U-eacEO29AA>.

Additionally, we would like to bring to your attention the [webinar](#) organised by the European Commission to explain the Grant Agreement preparation for Horizon Europe, as well as to the official [Online Manual](#). These instruments can be of great help when approaching the application processes of different EU calls, especially if it's the first time that you are applying.

## Calls at EU level

Programme: Internal Security Fund (ISF)

**Call for proposals for data sets for the European Data Space for innovation (ISF-2021-TF1-AG-DATA) - Budget 500.000,00 EUR – Deadline 17 March 2022**

The objective of this call, under the ISF Thematic Facility 2021-2022, is to carry out the preparatory work needed for the creation of high-quality large-scale shareable data sets for innovation, including work on interoperability e.g., through standardisation and privacy such as by anonymisation. The work undertaken should be based on identified operational use cases (i.e., types of applications that will use the data). Proposed activities under this call should build to the extent possible on solutions and ecosystems already existing and available at EU level. In that respect, proposals are encouraged to refer to the relevant activities conducted by EU agencies notably Europol and EU-LISA as well as relevant EU associations such as the EACTDA (the European Anti-Cybercrime Technology Development Association). Consideration should also be given to relevant outcomes stemming from EU funded projects, notably in the context of H2020 Programme.

Full details about the call can be found here: [https://ec.europa.eu/info/funding-tenders/opportunities/docs/2021-2027/isf/wp-call/2021-2022/call-fiche\\_isf-2021-tf1-ag-data\\_en.pdf](https://ec.europa.eu/info/funding-tenders/opportunities/docs/2021-2027/isf/wp-call/2021-2022/call-fiche_isf-2021-tf1-ag-data_en.pdf)

Programme: Connecting Europe Facility – Digital

### **1. Preparation of works for operational digital platforms**

TOPIC ID: CEF-DIG-2021-TA-PLATFORMS – Budget 4 million – Deadline 22 March 2022

Operational digital platforms (including this CSA), as one of CEF Digital Synergy actions, aim to support EU environmental and energy targets, by providing both technologies and connectivity to enable a cyber-secure Internet of Energy and an optimised transport system along the major European paths, as per the 5G objectives in the Gigabit Society Communication and in the Directive on measures to reduce the cost of deploying high-speed electronic communications networks (2014/61/EU). This will optimise energy use of ICT and reduce the environmental impact, while increasing the benefits enabled by ICT. Operational digital platforms will build on and integrate with existing and emerging European data, cloud and edge computing and connectivity infrastructures, in particular those supported in other parts of CEF Digital, the Digital Europe Programme, and Horizon Europe.

## **2. Integration of 5G with edge computing and federated cloud facilities**

TOPIC ID: CEF-DIG-2021-TA-5GINTEGRA – Budget 2 million – Deadline 22 March 2022

The main objective of this CSA is to accelerate the development of edge computing solutions as part of 5G corridors and 5G local communities and to ensure an integrated approach with the development of European federated cloud and edge infrastructures funded under CEF Digital and Digital Europe. The objective is to develop concepts and facilities for:

- a) the interconnection of newly deployed 5G corridor sections and 5G infrastructure for local communities with edge computing facilities and federated cloud infrastructures;
- b) relevant operational service platforms that enable the provision of CAM and commercial 5G connectivity services; and
- c) the support of services of general interest in local communities. Furthermore, the objective is to accompany CEF-funded 5G deployment projects during their edge node deployment and service platform integration phase in order to adopt the common concepts developed.

## **3. 5G Smart Communities – Works**

TOPIC ID: CEF-DIG-2021-5GSMARTCOM-WORKS – Budget 25 million – Deadline 22 March 2022

Projects funded under this call are expected to:

- a) Deploy 5G infrastructures capable of delivering leading-edge connectivity with characteristics (such as Gigabit performance, high-user-density, ubiquitous coverage, capacity to connect IoT devices, low latency, and reliability) that are capable of supporting innovative ways of improving the provision of public services and SGIs or SGEIs;
- b) Where necessary, bundle the deployed 5G networks with a cloud-to-edge middleware stack capable of supporting the data-intensive use cases and applications required by the involved SEDs.

## **4. Interconnection of backbone networks for cloud federations – Works**

TOPIC ID: CEF-DIG-2021-CLOUD-FED-WORKS – Budget 65 million – Deadline 22 March 2022

CEF Digital aims to stimulate the commercial offering of cloud services throughout the EU. This topic will support the deployment of Gigabit links for the interconnection between Socio-economic drivers that are public administrations, or public or private entities entrusted with the operation of SGIs or of SGEIs and backbone networks for cloud federations. The topic will support the investment costs (studies, works and equipment) related to the development and deployment of cross-border and national cloud infrastructure interconnections at both the physical (i.e. very high capacity networks) and functional levels (i.e. management systems, and software-defined infrastructures) for public administrations or public and private entities

entrusted with the operation of services of general interest or of Services of General Economic Interest (SGEIs) across the EU.

## **5. Interconnection of backbone networks for cloud federations with other cloud, HPC and edge infrastructures – Studies**

TOPIC ID: CEF-DIG-2021-CLOUD-OTHER-STUDIES – Budget 1 million – Deadline 22 March 2022

Federated cloud infrastructures will gradually need to be interconnected with other cloud, HPC and edge infrastructures. The objective of this topic is to fund feasibility studies for these interconnections to anticipate the technical, legal, and economic requirements to progressively establish a fully secured and highly energy-efficient European computing continuum.

The applicants may apply for grants for studies, including the following activities:

- a) analysis of investment needs related to the development and deployment of cross-border and national cloud infrastructure interconnections at both the physical (i.e., very high-capacity networks) and functional levels (i.e. management systems, software-defined infrastructures) for public sector end-users and private actors operating data infrastructures for services of general public interest across the EU;
- b) analysis of economic sovereignty of deployed alternatives. This covers the analysis of total cost of ownership and of the relevant items that result in the extraction of the funding from the required value-chains;
- c) analysis of technological needs relevant for the interconnection of the aforementioned networks and resources.

## **6. Equipping backbone networks with high-performance and secure DNS resolution infrastructures - Works**

TOPIC ID: CEF-DIG-2021-CLOUD-DNS-WORKS – Budget 14 million – Deadline 22 March 2022

This topic will support the deployment of a recursive European DNS resolver service infrastructure (hereafter DNS4EU) serving socio-economic drivers, public, corporate and residential internet end-users in the EU, and offering very high reliability and protection against global cybersecurity threats and those specific to the EU (e.g. phishing in EU languages).

Programme: Horizon Europe Framework Programme

### **1. Centres of Excellence for supporting supercomputing applications for Science and Innovation**

TOPIC ID: HORIZON-EUROHPC-JU-2021-COE-01-02 – Budget 45 million – Deadline 06 April 2022

Advancing the transition towards Exascale capabilities by developing or scaling up existing parallel codes, resulting into effective applications to solve scientific, industrial, or societal challenges and addressing the needs of the user communities.

## **2. Centres of Excellence preparing applications in the Exascale era**

TOPIC ID: HORIZON-EUROHPC-JU-2021-COE-01-01 – Budget 45 million – Deadline 06 April

Advancing Lighthouse Exascale Applications, at the frontier of technology and relevant for the communities of HPC users, that enable and promote the use of upcoming Exascale and post Exascale computing capabilities in collaboration with other High-Performance Computer (HPC) stakeholders. The goal is to develop or scale up existing parallel codes towards Exascale performance, resulting into tangible benefits mainly for scientific challenges. Proposals for Exascale Lighthouse applications will exploit existing federated resources around Europe, developing available competences, and ensuring multidisciplinary (combining application domain and HPC system, software, and algorithm expertise). Examples of Exascale Lighthouse applications include weather forecast and climate change, material science, natural hazards, digital twin of the human body.

## **3. Edge Computing Evolution**

TOPIC ID: HORIZON-JU-SNS-2022-STREAM-A-01-05 – Budget 6 million – Deadline 26 April 2022

Expected Outcome:

- a) a clear technological strategy for edge integration into a cloud continuum offering opportunities for European cloud/edge technology suppliers and supporting various edge/access integration scenarios, (e.g., NTN);
- b) edge architecture and technologies supporting most demanding applications and use cases such as high automation levels for autonomous driving, immersive applications such as digital twins, advanced XR/VR, hologram applications, requiring extremely low latencies and/or very high-capacity justifying edge processing and computing;
- c) open, secure, distributed, possibly decentralised, edge computing architectures and implementations optimally integrating heterogeneous communications and networking in edge computing for IoT, with a value chain perspective opening innovative IoT applications and control.

## **4. Evolved Architecture for Global Green Systems**

TOPIC ID: HORIZON-JU-SNS-2022-STREAM-A-01-04 – Budget 6 million – Deadline 26 April 2022

#### Expected Outcome:

a) reduced energy and carbon footprint of the evolved 5G network, through de-carbonisation of the evolved networks and increased renewable penetration capabilities within SNS user “vertical” domains;

b) extension of the 5G Service Based Architecture (SBA) applicability to an extensive value chain covering a holistic system covering data communication, distributed computing, and data storage, extending the communication infrastructure into a sustainable, interconnected, greener end-to-end intercomputer system, supporting all types of services and interconnected networks.

### Calls at national level

#### Germany

##### **1. Using the possibilities of digitization, the Telenotarzt-system (TNA-system)**

The Telenotarzt-System (TNA-System) should be used to introduce Telenotarzt as an additional emergency medical service within the Free State of Bavaria. A suitable infrastructure is required for the use of tele-emergency doctors: the TNA system.

The tendered services essentially include the development, manufacture, delivery, assembly, installation, and commissioning of all TNA system components for a functional overall system including verification, validation, and commissioning in the different locations of the TNA system. In addition, services for the operation and service of the TNA system are to be provided beyond the time of construction (e.g. cloud service, maintenance, incident management).

Organisation: BAYERISCHES STAATSMINISTERIUM DES INNERN, FÜR SPORT UND INTEGRATION

Address: Odeonsplatz 3 80539 Munich      Email: [zentrale.vergabestelle@reg-ob.bayern.de](mailto:zentrale.vergabestelle@reg-ob.bayern.de)

Telephone: +49-8921760      Deadline: 7 March 2022

##### **2. Partial Renewal (CPU-based) And Expansion of The Central HPC Compute Cluster**

Organisation: HEINRICH-HEINE-UNIVERSITÄT DÜSSELDORF

Address: Geb. 16.11 Raum 03.26, Universitätsstr. 1 40225 Düsseldorf

Telephone: +49-211/81-15910      Email: [einkauf@hhu.de](mailto:einkauf@hhu.de)      Deadline: 1 March 2022

##### **3. Database for cultural assets and media management for the district of upper Bavaria and the district of Swabia**

The subject of the award is the procurement of database software for archiving and inventorying for museums, archives, library stocks and media files (hereinafter referred to as software, system or system software), including services and maintenance of the software. The

districts of Upper Bavaria and Swabia work closely together as part of a cooperation agreement in the joint implementation of the award procedure for the procurement of a uniform new software. The central awarding office of the district of Upper Bavaria (ZVS OBB) has been commissioned by the two districts to carry out the award procedure. The new system is to be used in the respective culture departments and take over the databases from existing legacy systems. In the future, there will only be one common software version for both districts. This software version should take into account the needs of heterogeneous cultural institutions as differentiated as possible. It should have a modular structure and the data fields should be highly customisable.

Organisation: BEZIRK OBERBAYERN

Address: Prinzregentenstr. 14 80538 München

Email: [vergabe@bezirk-oberbayern.de](mailto:vergabe@bezirk-oberbayern.de) Telephone: +49 89219811301 Deadline: 1 March 2022

#### **4. Provision of a central private cloud-based communication solution**

The communication system must offer full voice functionality, meaning:

a) full PBX functionality, e.g., caller ID, call forwarding, telephone conference, voice messaging, speech dialog system (automatic operator 1,2,3...) including announcement function, queues, group functions;

b) trunk interfaces or integrated SIP trunks;

c) extensions (support for up to 3,000 extensions, network with system features for up to 3,000 participants);

d) telephones (a variety of different IP telephones (corded and cordless), softphones for Windows, Apple and Android and interfaces for analogue and UpN telephones).

More details about the call are found [at this link](#).

Organisation: RHEIN-SIEG-KREIS, DER LANDRAT, ALLGEMEINE DIENSTE UND ZENTRALE VERGABESTELLE

Address: Kaiser-Wilhelm-Platz 1, 53721 Siegburg

Email: [zvs@rhein-sieg-kreis.de](mailto:zvs@rhein-sieg-kreis.de) Deadline: 3 March 2022

#### **5. Procurement of GPU extension of the HPC Cluster**

The aim of the procurement is to expand the existing HPC cluster at the GFZ Potsdam with GPU systems for computationally intensive processes such as machine learning and other single or double precision floating point calculations. The expansion should take place during

ongoing operations. As part of the expansion, the network infrastructure is to be made fully compatible with the existing infrastructure.

Organisation: HELMHOLTZ-ZENTRUM POTSDAM, DEUTSCHES  
GEOFORSCHUNGSZENTRUM GFZ - EINKAUF

Address: Telegrafenberg Haus G 255 14473 Email: [unterhofer@gfz-potsdam.de](mailto:unterhofer@gfz-potsdam.de)

Deadline: 1 April 2022

## **6. IT framework agreement - Budget 38 million**

This call for tenders covers various IT topics, which are made up of 18 lots. The investment bank of Berlin is to conclude a framework agreement to cover short-term support needs in the field of information technology IT. Some of the services will be online services - development, consulting, and support of applications in the MS environment (office, SharePoint etc.) including interfaces to SAP, Nscale, AEM, Nintex and IDV as well as development; SharePoint and MS sql technical - operation, advice, care and support of their infrastructure in the area of SharePoint and ms sql databases.

Organization: INVESTITIONSBANK BERLIN

Address: Bundesallee 210 Email: [Ausschreibungen@ibb.de](mailto:Ausschreibungen@ibb.de) Deadline: 3 March 2022

## **7. Framework Agreement: "Further Development of the Portals Service-bw and Amt24"- Budget 25 million**

The contractor will carry out the further development of the portals service-BW and AMT24. The state of Baden-Württemberg and the free state of Saxony are working together to digitize their administrations. The portals "service-bw" and "amt24" operated in the respective countries are the respective country administration portals. Both portals have an identical code basis, consisting of a front and back end. The portal will be continuously developed, modernised, and maintained in line with corresponding requirements and innovations.

organisation: Auftraggeber Sind Das Land Baden-Württemberg, Vertreten Durch Das Ministerium des Inneren, Für Digitalisierung Und Kommunen Baden-Württemberg, Und Der Freistaat Sachsen, Vertreten Durch Die Sächsische

Address: Willy-Brandt-Straße 41 E-mail: [BW-SN@gvw.com](mailto:BW-SN@gvw.com) Telephone: +49 89689077301

Deadline: 1 March 2022



Italy

**Assignment of the supply of a hyperconverged server infrastructure for the creation of a private cloud Daas (desktop as a service) intranet system – Budget 1.3 million**

Supply of a hyperconverged server infrastructure for the creation of a "private cloud Daas (Desktop as a Service)" intranet system, including delivery, installation, start-up, maintenance, assistance, "Training on the Job" and training.

Organization: ACI INFORMATICA S.P.A.

Address: Via Fiume delle Perle, 24 00144 Rome Email: [acquisti.tec@pec.informatica.aci.it](mailto:acquisti.tec@pec.informatica.aci.it)

Deadline: 3 March 2022

Netherlands

**Market consultation outsourcing ICT infrastructure municipality of Stadskanaal**

The cloud migration includes the outsourcing of infrastructure and network services, 2nd line service desk, workplace and mobile device support and technical application management.

Organization: GEMEENTE STADSKANAAL

Address: Postbus 140, Stadskanaal Email: [inkoop@stadskanaal.nl](mailto:inkoop@stadskanaal.nl)

Telephone: +31 599631631 Deadline: 16 July 2022

Spain

**1. Service and supply of databases for Barcelona de serveis municipals, S.A**

Link to the tender: <http://contractaciopublica.gencat.cat/perfil/BSM/customProf>

Organisation: BARCELONA DE SERVEIS MUNICIPALS, S.A.

Address: C/ Calabria 66 08015 BARCELONA Email: [ajcc@bsmsa.cat](mailto:ajcc@bsmsa.cat)

Deadline: 16 March 2022

**2. File documentation service, preparation of databases and dump to gis platform of information regarding sunken state ships of general administration of the state - Budget 146.656,00 EUR**

Tenders are invited for file documentation service, preparation of databases and dump to GIS platform of information regarding sunken state ships of general administration of the state.

Link to the tender: [https://contrataciondelestado.es/wps/portal/!ut/p/b0/DcqxCoAgEADOr2k-15bAwSBag4bSJQ4VOTpNyuz3c3zwwMAOJmGlgIWuhNysnfeZKZ2D8wWZ\\_cFkqaBtATYwYMHNIUEvY\\_5sJ7ZOIir1DU9R43z3SkriMaoffrfYbA!!/](https://contrataciondelestado.es/wps/portal/!ut/p/b0/DcqxCoAgEADOr2k-15bAwSBag4bSJQ4VOTpNyuz3c3zwwMAOJmGlgIWuhNysnfeZKZ2D8wWZ_cFkqaBtATYwYMHNIUEvY_5sJ7ZOIir1DU9R43z3SkriMaoffrfYbA!!/)

Organisation: JUNTA DE CONTRATACIÓN DEL MINISTERIO DE CULTURA Y DEPORTE

Address: Plaza Del Rey, 1 28004 Madrid Email: [junta.contratacion@cultura.gob.es](mailto:junta.contratacion@cultura.gob.es)

Deadline: 03 March 2022

### **3. Supply, installation, and maintenance of perimeter security infrastructure for cybersecurity measures in hospital complexes in Castilla y León and cloud services – Budget 592.244,00 EUR**

A double objective is intended with the contract: in addition to the supply, installation, and maintenance of the perimeter security infrastructure necessary for the application of cybersecurity measures in hospital complexes in Castilla y León and its services in the cloud, thus guaranteeing the protection measures in hospitals, also start preparing for a safe transition to cloud services, which leads to a hybrid model of Data Processing Center providing the necessary protection.

Organization: GERENCIA REGIONAL DE SALUD DE CASTILLA Y LEON

Address: Paseo Zorrilla, nº 1 47007 Valladolid Email: [EleCasVa@jcy1.es](mailto:EleCasVa@jcy1.es)

Telephone: +34 983413600

Deadline: 26 April 2022

### **4. Provision of digital and repository certification services in the cloud for mc mutual – Budget 246.670,00 EUR**

Link to the tender:

[https://contrataciondelestado.es/wps/poc?uri=deeplink:detalle\\_licitacion&idEvl=0y3jq4C0kiznSoTX3z%2F7wA%3D%3D](https://contrataciondelestado.es/wps/poc?uri=deeplink:detalle_licitacion&idEvl=0y3jq4C0kiznSoTX3z%2F7wA%3D%3D)

Organisation: Dirección General De La Mutual Midat Cyclops, Mutua Colaboradora Con La Seguridad Social, Nº 1

Address: Avda. Josep Tarradellas, 14-18, 08029 Barcelona

Email: [mesacontratacion@mc-mutual.com](mailto:mesacontratacion@mc-mutual.com) Telephone: +34-934051244

Deadline: 7 March 2022

Best regards,

Jeanette Fava | CFO