



Connecting Europe Facility (CEF)

Call for proposals

CEF 2 Digital - Backbone networks for pan-European cloud federation
(CEF-DIG-2022-CLOUD)

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HEALTH AND DIGITAL EXECUTIVE AGENCY (HaDEA)

HaDEA B - Digital, Industry and Space
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CALL FOR PROPOSALS

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0. Introduction

This is a call for proposals for EU **action grants** in the field of “Cloud” under the Digital strand of the **Connecting Europe Facility (CEF)**.

The regulatory framework for this EU Funding Programme is set out in:

- Regulation 2018/1046 ([EU Financial Regulation](#))
- the basic act ([CEF Regulation 2021/1153](#)¹).

The call is launched in accordance with the [2021-2025 Work Programme](#)² and will be managed by the European Health & Digital Executive Agency (HaDEA) (hereafter ‘the Agency’).

The call covers the following **topic**:

- **CEF-DIG-2022-CLOUD-FED-STUDIES — Interconnection of backbone networks for Cloud federations - Studies**

NOTE: The term ‘project’ used in the call documentation is synonymous to the term ‘action’ used in the CEF Regulation 2021/1153.

We invite you to read the **call documentation** on the Funding & Tenders Portal Topic page carefully, and in particular this Call Document, the Model Grant Agreement, the [EU Funding & Tenders Portal Online Manual](#) and the [EU Grants AGA — Annotated Grant Agreement](#).

These documents provide clarifications and answers to questions you may have when preparing your application:

- the [Call Document](#) outlines the:
 - background, objectives, scope, activities that can be funded and the expected results (sections 1 and 2)
 - timetable and available budget (sections 3 and 4)
 - admissibility and eligibility conditions (including mandatory documents; sections 5 and 6)

¹ Regulation (EU) 2021/1153 of the European Parliament and of the Council of 7 July 2021 establishing the Connecting Europe Facility (OJ L 249, 14.7.2021, p. 38–81).

² Commission Implementing Decision C(2021) 9463 final of 16 December 2021 concerning the adoption of the work programme for 2021-2023 and the financing decision for the implementation of the Connecting Europe Facility (CEF).

- criteria for financial and operational capacity and exclusion (section 7)
- evaluation and award procedure (section 8)
- award criteria (section 9)
- legal and financial set-up of the Grant Agreements (section 10)
- how to submit an application (section 11)
- the Online Manual outlines the:
 - procedures to register and submit proposals online via the EU Funding & Tenders Portal ('Portal')
 - recommendations for the preparation of the application
- the AGA — Annotated Grant Agreement contains:
 - detailed annotations on all the provisions in the Grant Agreement the successful applicants will have to sign in order to obtain the grant (*including cost eligibility, payment schedule, accessory obligations, etc.*).

1. Background

End users' tight budgetary constraints, the growing awareness of cloud impact on climate change, the relatively low cloud uptake among both the public and private sectors (18%)³, and the need to enable the free flow of data across the EU are all fuelling the demand for federated cloud and edge infrastructures. Such infrastructures need to be interconnected in a highly secure, highly energy-efficient, and fully interoperable manner, respecting data protection and offering very low latency. This demand is driven by a technological shift in which cloud has become the technology underpinning the uptake of emerging technologies such as Artificial Intelligence (AI), Blockchain, Internet of Things (IoT) and High-Performance Computing (HPC).

Yet, the market for cloud services and infrastructure is highly concentrated among a limited number of companies. While some local alternatives exist at national level, none of the pan-European providers are European-owned.

This situation is especially problematic for public administrations or public and private entities entrusted with the operation of services of general interest (SGIs⁴) or of Services of General Economic Interest (SGEIs⁵) as well as critical infrastructures, who are in need for particularly robust and secure backbone networks and interconnection services. Their respective infrastructures are not properly interconnected and

³ Only 1 company in 4 and 1 in 5 SME are using cloud computing in the EU according to the 2019 Digital Economy and Society Index (DESI)

⁴ Commission Notice on the notion of State aid as referred to in Article 107(1) of the Treaty on the Functioning of the European Union, OJ C 262, 19.7.2016, p. 1–50

⁵ See the Communication from the Commission on the application of the European Union State aid rules to compensation granted for the provision of services of general economic interest Official Journal C8, 11.01.2012, [https://eur-lex.europa.eu/legal-content/EN/ALL/?uri=CELEX:52012XC0111\(02\)](https://eur-lex.europa.eu/legal-content/EN/ALL/?uri=CELEX:52012XC0111(02)), and the Commission Decision of 20 December on the application of Article 106(2) of the Treaty on the Functioning of the European Union to State aid in the form of public service compensation granted to certain undertakings entrusted with the operation of services of general economic interest Official Journal L7, 11.01.2012, p. 3-10, <https://eur-lex.europa.eu/legal-content/EN/ALL/?uri=CELEX%3A32012D0021>

alternative (sub)contractors which could provide such services are either too small or not in line with their high demands in terms of data management⁶.

Answering this challenge, in its Data Strategy of February 2020⁷, the European Commission committed to invest in a High Impact Project on European data spaces, and federated cloud-to-edge infrastructures and services.

Together with the Digital Europe programme, InvestEU and the Recovery and Resilience Fund (RRF), the CEF Digital programme, and specifically this call, will be the catalyst to deploy cross-border and national/regional cloud-to-edge infrastructure interconnections at both the physical (i.e. very high capacity networks) and functional levels (i.e. management systems and software-defined infrastructures) among socio-economic drivers (SED) across the EU to the benefit of EU citizens and businesses. Within the context of this call, socio-economic drivers are public administrations or public or private entities entrusted with the operation of SGIs or of SGEIs.

The associated architectural requirements to enable security, safety, energy and resource efficiency, data protection and interoperability of those interconnections is also an inherent part of this call.

2. Objectives — Scope (including digital security requirements) — Expected impact

Objectives

CEF Digital aims among other things to enhance the availability and access to trustworthy cloud offerings throughout the EU. Public administrations, public or private entities entrusted with the operation of SGIs or of SGEIs⁸, require safe and secure access to trustworthy cloud services. Those user entities could increasingly rely on the capacities available in other Member States, instead of spending money to buy and operate infrastructure that is sporadically used during peak-time. The security and trustworthiness of cloud infrastructures is therefore of essential importance and should be strengthened, by providing users with access to multiple computing resources across several Member States as a result of the projects supported by CEF Digital. New cloud infrastructures would also gradually need to be interconnected with other cloud, HPC and edge infrastructures, in order to make available computing capacity according to the demand of new applications with high processing requirements and/or low latency.

The studies under this topic should explore interconnection needs and prepare for future deployment of Gigabit links between the data processing capacities of public administrations, public or private SGIs or SGEIs entities, and – where relevant – their cloud providers. This should aim at improving the availability and resilience of cloud services for these users, including their protection against cyberthreats. Currently, market forces are not providing sufficient answers to the challenge of adequate and secure cross-border interconnection with and among cloud providers. Future deployments should take place where existing infrastructure cannot satisfy proper

⁶ <https://digital-strategy.ec.europa.eu/en/news/study-economic-detriment-smes-unfair-and-unbalanced-cloud-computing-contracts>

⁷ COM(2020) 66 final https://ec.europa.eu/info/sites/info/files/communication-european-strategy-data-19feb2020_en.pdf

⁸ Services of general economic interest (SGEI) are economic activities that public authorities identify as being of particular importance to citizens and that would not be supplied (or would be supplied under different conditions) if there were no public intervention. The concept may apply to different situations and terms, depending on the Member States, but SGEIs can typically range from activities such as postal services, energy supply, or public transport, to social services, such as care for the elderly and disabled or hospitals being part of national health service, to public education organised within the national educational system funded and supervised by the State (See footnote 5).

seamless functioning of resources from different providers, and also where there is a lack of the necessary redundancy to guarantee the reliability and resilience of cloud connectivity that can ensure adequate, safe and secure connectivity for the Gigabit society⁹.

The studies funded under this topic should also cover future investment needs and required technology for the interconnection of cloud, HPC and edge infrastructures. The priority is the identification of shortages that prevent the EU from holding digital independence while implementing current state of the art of technology.

Scope

The applicants may apply for grants covering one or more of the following activities:

- Analysis of investment needs related to the development and deployment of cross-border and national infrastructures for cloud interconnections as well as cloud interconnections with HPC and edge infrastructures 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. Analysis should also consider contribution to green policy objectives¹⁰.
- Analysis of economic sovereignty of deployed alternatives. This covers the analysis of total cost of ownership, the relevant items that result in the extraction of the funding from the required value-chains, as well as contribution to green policy objectives¹¹.
- Analysis of technological needs and carbon footprint relevant for the interconnection of the aforementioned networks and resources.
- Analysis of cybersecurity risks that future operators of essential services related to connectivity involved in the interconnection of cloud infrastructures would need to address.
- Any preparatory work required prior to signing a contract with a supplier for the deployment of backbone networks for cloud federations (e.g., dataflow analysis, topographic definitions, analysis of rights of way).

Public administrations or public and private entities entrusted with the operation of SGIs or SGEIs should be the end users of the future infrastructures foreseen through the studies.

This topic is complementary to the actions foreseen under the Digital Europe Programme, which focuses on the deployment at large-scale of the next generation of European cloud to edge services, the associated EU marketplace, and modular middleware platforms for interoperability between different data services. Recent developments include the “Simpl” initiative¹², launched by the European Commission

⁹<https://digital-strategy.ec.europa.eu/en/library/connectivity-european-gigabit-society-brochure>

¹⁰<https://eur-lex.europa.eu/legal-content/EN/TXT/?qid=1576150542719&uri=COM%3A2019%3A640%3AFIN>

¹¹<https://eur-lex.europa.eu/legal-content/EN/TXT/?qid=1576150542719&uri=COM%3A2019%3A640%3AFIN>

¹²<https://digital-strategy.ec.europa.eu/en/news/simpl-cloud-edge-federations-and-data-spaces-made-simple>

in May 2022, aiming at the development of smart middleware for a European cloud federation and for the European data spaces.

Digital security requirements

In view of the particular sensitivity of cloud infrastructures from a security perspective and the importance to reduce exposure to risks to the maximum possible extent, proposals under this topic are subject to **strict exclusion of non-EU controlled entities**, under Article 11.4 of the CEF Regulation 2021/1153¹³.

The assessment of the foreign (non-EU) control will be addressed in principle during the evaluation of proposals and at the latest during the grant agreement preparation. Participants will be requested to submit an ownership control questionnaire for this purpose to determine their control status. They will also be requested to submit supporting documents in order for the Commission to determine that the entities are not controlled by third countries or nationals of third countries or by entities established in third countries.

Expected impact

The call aims to result in the following outcomes:

a) Investment roadmap for achieving a robust cloud federation network in the EU with increased competitiveness and resilience of the EU computing industry in line with EU rules on data protection, security, portability and sustainability.

b) Technological roadmap to achieve technological autonomy in critical digital computing infrastructures to process EU data, in particular through European common dataspace. The roadmap should also include the needs for the roll-out of emerging technologies, including AI, 'internet of things' (IoT), HPC in the aforementioned interconnections.

c) Definition of the requirements for energy efficiency and sustainable large-scale deployment of interconnected cloud-to-edge infrastructures across the EU territory.

3. Available budget

The available call budget is **EUR 3 000 000**. This budget might be increased provided that the total additional budget cumulatively allocated to the topic across all calls of the work programme is lower than 20% of the total budget of the multiannual plan.

We reserve the right not to award all available funds, depending on the proposals received and the results of the evaluation.

¹³ Art. 11 (4) of the CEF Regulation 2021/1153: "The work programmes may provide that legal entities established in third countries associated to the CEF in accordance with Article 5, and legal entities established in the Union but directly or indirectly controlled by third countries or nationals of third countries or by entities established in third countries, are not eligible to participate in all or some of the actions under the specific objectives set out in Article 3(2), point (c), for duly justified security reasons. In such cases, calls for proposals and calls for tenders shall be restricted to entities established, or deemed to be established, in Member States and directly or indirectly controlled by Member States or by nationals of Member States."

4. Timetable and deadlines

Timetable and deadlines (indicative)	
Call opening:	12 October 2022
<u>Deadline for submission:</u>	<u>23 February 2023 – 17:00:00 CEST</u> (Brussels)
Evaluation:	March-June 2023
Information on evaluation results:	July 2023
GA signature:	October/November 2023

5. Admissibility and documents

Proposals must be submitted before the **call deadline** (see *timetable section 4*).

Proposals must be submitted **electronically** via the Funding & Tenders Portal Electronic Submission System (accessible via the Topic page in the [Search Funding & Tenders](#) section). Paper submissions are NOT possible.

Proposals (including annexes and supporting documents) must be submitted using the forms provided *inside* the Submission System (⚠ NOT the documents available on the Topic page — they are only for information).

Proposals must be **complete** and contain all the requested information and all required annexes and supporting documents:

- Application Form Part A — contains administrative information about the participants (future coordinator, beneficiaries and affiliated entities) and the summarised budget for the project (*to be filled in directly online*)
- Application Form Part B — contains the technical description of the project (*to be downloaded from the Portal Submission System, completed and then assembled and re-uploaded*)
- **mandatory annexes and supporting documents** (*to be uploaded*):
 - detailed budget table per WP (*template available in the Submission System*)
 - activity reports of last year (unless exempted from operational capacity check; see *section 7*)
 - list of previous projects (key projects for the last 4 years) (*template available in Part B*)
 - timetable/Gantt chart (*template available in the Submission System*)
 - letters of support (MS agreement) (*template available in the Submission System; the list of MS contact points is published in the [HaDEA website](#)*)
 - ownership control questionnaire (*template available in the Submission System*)

- other annexes.

Please note that the amounts entered into the summarised budget table (filled in directly online) must correspond to the amounts calculated in the detailed budget table. In case of discrepancies, the amounts in the online summarised budget table will prevail.

At proposal submission, you will have to confirm that you have the **mandate to act** for all applicants. Moreover, you will have to confirm that the information in the application is correct and complete and that the participants comply with the conditions for receiving EU funding (especially eligibility, financial and operational capacity, exclusion, etc.). Before signing the grant, each beneficiary and affiliated entity will have to confirm this again by signing a declaration of honour (DoH). Proposals without full support will be rejected.

Your application must be **readable, accessible and printable**.

Proposals are limited to maximum **120 pages** (Part B). Evaluators will not consider any additional pages.

You may be asked at a later stage for further documents (*for legal entity validation, financial capacity check, bank account validation, etc.*).



For more information about the submission process (including IT aspects), consult the [Online Manual](#).

6. Eligibility

Eligible participants (eligible countries)

In order to be eligible, the applicants (beneficiaries and affiliated entities) must:

- be legal entities (public or private bodies)
- be established in one of the eligible countries, *i.e.*
 - EU Member States (including overseas countries and territories (OCTs))

Beneficiaries and affiliated entities must register in the [Participant Register](#) — before submitting the proposal — and will have to be validated by the Central Validation Service (REA Validation). For the validation, they will be requested to upload documents showing legal status and origin.

Other entities may participate in other consortium roles, such as associated partners, subcontractors, third parties giving in-kind contributions, etc. (*see section 13*).

Please note however that this call is subject to restrictions due to security reasons. This means that entities must not be directly or indirectly controlled from a country that is not an eligible country.

Moreover:

- participation in any capacity (as beneficiary, affiliated entity, associated partner, subcontractor or recipient of financial support to third parties) is limited to entities from eligible countries project activities (included subcontracted work) must take place in eligible countries (*see section geographic location below and section 10*)
- the Grant Agreement may provide for IPR restrictions (*see section 10*).

Specific cases

Natural persons — Natural persons are NOT eligible (with the exception of self-employed persons, i.e. sole traders, where the company does not have legal personality separate from that of the natural person).

International organisations — International organisations¹⁴ are eligible. The rules on eligible countries do not apply to them.

Entities without legal personality — Entities which do not have legal personality under their national law may exceptionally participate, provided that their representatives have the capacity to undertake legal obligations on their behalf, and offer guarantees for the protection of the EU financial interests equivalent to that offered by legal persons¹⁵.

EU bodies — EU bodies (with the exception of the European Commission Joint Research Centre) can NOT be part of the consortium.

EU restrictive measures — Special rules apply for certain entities (*e.g. entities subject to [EU restrictive measures](#) under Article 29 of the Treaty on the European Union (TEU) and Article 215 of the Treaty on the Functioning of the EU (TFEU)*¹⁶ and entities covered by Commission Guidelines No [2013/C 205/05](#)¹⁷). Such entities are not eligible to participate in any capacity, including as beneficiaries, affiliated entities, associated partners, subcontractors or recipients of financial support to third parties (if any).



For more information, see [Rules for Legal Entity Validation, LEAR Appointment and Financial Capacity Assessment](#).

Consortium composition

There are no specific eligibility conditions concerning consortium composition for this topic.

Eligible activities

Eligible activities are the ones set out in section 2 above.

Projects should take into account the results of projects supported by other EU funding programmes. The complementarities must be described in the project proposals (Part B of the Application Form).

Projects must comply with EU policy interests and priorities (*such as environment, social, security, industrial and trade policy, etc.*).

Financial support to third parties is not allowed.

Geographic location (target countries)

Proposals must relate to activities taking place in the eligible countries (*see above*).

¹⁴ An 'international organisation' means an intergovernmental organisation (other than the EU) with legal personality under international public law (including specialised agencies — with or without legal personality — set up by international organisations and referred to in Article 156(1) EU Financial Regulation [2018/1046](#).

¹⁵ See Article 197(2)(c) EU Financial Regulation [2018/1046](#).

¹⁶ Please note that the EU Official Journal contains the official list and, in case of conflict, its content prevails over that of the [EU Sanctions Map](#).

¹⁷ Commission guidelines No [2013/C 205/05](#) on the eligibility of Israeli entities and their activities in the territories occupied by Israel since June 1967 for grants, prizes and financial instruments funded by the EU from 2014 onwards (OJEU C 205 of 19.07.2013, pp. 9-11).

Duration

Projects should normally range up to 12 months (extensions are possible, if duly justified and through an amendment).

Project budget

Project budgets (maximum grant amount) are expected to be around EUR 1 000 000.

7. Financial and operational capacity and exclusion

Financial capacity

Applicants must have **stable and sufficient resources** to successfully implement the projects and contribute their share. Organisations participating in several projects must have sufficient capacity to implement all these projects.

The financial capacity check will be carried out on the basis of the documents you will be requested to upload in the [Participant Register](#) during grant preparation (*e.g. profit and loss account and balance sheet, business plan, audit report produced by an approved external auditor, certifying the accounts for the last closed financial year, etc.*). The analysis will be based on neutral financial indicators, but will also take into account other aspects, such as dependency on EU funding and deficit and revenue in previous years.

The check will normally be done for all beneficiaries, except:

- public bodies (entities established as public body under national law, including local, regional or national authorities) or international organisations
- if the individual requested grant amount is not more than EUR 60 000.

If needed, it may also be done for affiliated entities.

If we consider that your financial capacity is not satisfactory, we may require:

- further information
 - an enhanced financial responsibility regime, i.e. joint and several responsibility for all beneficiaries or joint and several liability of affiliated entities (*see below, section 10*)
 - prefinancing paid in instalments
 - (one or more) prefinancing guarantees (*see below, section 10*)
- or
- propose no prefinancing
 - request that you are replaced or, if needed, reject the entire proposal.

 For more information, see [Rules for Legal Entity Validation, LEAR Appointment and Financial Capacity Assessment](#).

Operational capacity

Applicants must have the **know-how, qualifications** and **resources** to successfully implement the projects and contribute their share (including sufficient experience in projects of comparable size and nature).

This capacity will be assessed together with the 'Quality' award criterion, on the basis of the competence and experience of the applicants and their project teams, including operational resources (human, technical and other) or, exceptionally, the measures proposed to obtain it by the time the task implementation starts.

If this evaluation of the award criterion is positive, the applicants are considered to have sufficient operational capacity.

Applicants will have to show their operational capacity via the following information:

- description of the consortium participants
- applicants' activity reports of last year
- list of previous projects (key projects for the last 4 years).

Additional supporting documents may be requested, if needed to confirm the operational capacity of any applicant.

Public bodies, Member State organisations, and international organisations are exempted from the operational capacity check.

Exclusion

Applicants which are subject to an **EU exclusion decision** or in one of the following **exclusion situations** that bar them from receiving EU funding can NOT participate¹⁸:

- bankruptcy, winding up, affairs administered by the courts, arrangement with creditors, suspended business activities or other similar procedures (including procedures for persons with unlimited liability for the applicant's debts)
- in breach of social security or tax obligations (including if done by persons with unlimited liability for the applicant's debts)
- guilty of grave professional misconduct¹⁹ (including if done by persons having powers of representation, decision-making or control, beneficial owners or persons who are essential for the award/implementation of the grant)
- committed fraud, corruption, links to a criminal organisation, money laundering, terrorism-related crimes (including terrorism financing), child labour or human trafficking (including if done by persons having powers of representation, decision-making or control, beneficial owners or persons who are essential for the award/implementation of the grant)
- shown significant deficiencies in complying with main obligations under an EU procurement contract, grant agreement, prize, expert contract, or similar (including if done by persons having powers of representation, decisionmaking- or control, beneficial owners or persons who are essential for the award/implementation of the grant)

¹⁸ See Articles 136 and 141 of EU Financial Regulation [2018/1046](#).

¹⁹ Professional misconduct includes: violation of ethical standards of the profession, wrongful conduct with impact on professional credibility, false declarations/misrepresentation of information, participation in a cartel or other agreement distorting competition, violation of IPR, attempting to influence decision-making processes or obtain confidential information from public authorities to gain advantage.

- guilty of irregularities within the meaning of Article 1(2) of Regulation No [2988/95](#) (including if done by persons having powers of representation, decisionmaking- or control, beneficial owners or persons who are essential for the award/implementation of the grant)
- created under a different jurisdiction with the intent to circumvent fiscal, social or other legal obligations in the country of origin or created another entity with this purpose (including if done by persons having powers of representation, decisionmaking- or control, beneficial owners or persons who are essential for the award/implementation of the grant).

Applicants will also be refused if it turns out that²⁰:

- during the award procedure they misrepresented information required as a condition for participating or failed to supply that information
- they were previously involved in the preparation of the call and this entails a distortion of competition that cannot be remedied otherwise (conflict of interest).

8. Evaluation and award procedure


The proposals will have to follow the **standard submission and evaluation procedure** (one-stage submission + one-step evaluation).

An **evaluation committee** (assisted by independent outside experts) will assess all applications. Proposals will first be checked for formal requirements (admissibility, and eligibility, *see sections 5 and 6*). Proposals found admissible and eligible will be evaluated (for each topic) against the operational capacity and award criteria (3 phases: individual evaluation, consensus phase and panel review) and then ranked according to their scores (*see sections 7 and 9*).

For proposals with the same score (within a topic or budget envelope) a **priority order** will be determined according to the following approach:

- 1) Score obtained under the 'Priority and urgency' criterion
- 2) Score obtained under the 'Relevance and maturity' criterion
- 3) Score obtained under the 'Catalytic effect' criterion
- 4) Score obtained under the 'Impact' criterion
- 5) Score obtained under the 'Quality' criterion.

All proposals will be informed about the evaluation result (**evaluation result letter**). Successful proposals will be invited for grant preparation; the other ones will be put on the reserve list or rejected. Proposals that are below the budget threshold (i.e. passed, but not ranked high enough to receive funding) will be awarded a Seal of Excellence.

 No commitment for funding — Invitation to grant preparation does NOT constitute a formal commitment for funding. We will still need to make various legal checks before grant award: *legal entity validation, financial capacity, exclusion check, etc.*

²⁰ See Article 141 EU Financial Regulation [2018/1046](#).

Grant preparation will involve a dialogue in order to fine-tune technical or financial aspects of the project and may require extra information from your side. It may also include adjustments to the proposal to address recommendations of the evaluation committee or other concerns. Compliance will be a pre-condition for signing the grant.

If you believe that the evaluation procedure was flawed, you can submit a **complaint** (following the deadlines and procedures set out in the evaluation result letter). Please note that notifications which have not been opened within 10 days after sending are considered to have been accessed and that deadlines will be counted from opening/access (see also [Funding & Tenders Portal Terms and Conditions](#)). Please also be aware that for complaints submitted electronically, there may be character limitations.

9. Award criteria

The **award criteria** for this call are as follows:

- **Priority and urgency:** evaluating correspondence of the proposal with the sectoral policy objectives and priorities, measuring its EU added-value and, where applicable, assessing the possible synergies with other sectors or CEF Digital topics and, where applicable, ensuring a geographical balance of the CEF digital support in the respective area. (5 points)
- **Maturity:** assessing the maturity of the action in the project development. The criterion will measure, among others, i) the readiness/ability of the project to start by the proposed start date and to complete by the proposed end date, ii) the status and planning of the contracting procedures and the necessary permits, and iii) information on the availability of the financial resources needed to complement the CEF investment (5 points)
- **Quality:** evaluating the soundness of the implementation plan proposed, both from the technical and financial point of view, the architecture and design approach, the organisational structures put in place (or foreseen) for the implementation, the risk analysis, the control procedures and quality management and the communication strategy. Moreover, when applicable, it will also assess the information related to the operations/maintenance strategy proposed for the completed project (5 points)
- **Impact:** assessing, when applicable, the economic, social, competition and environmental impact, including the climate impact, and other relevant externalities. This criterion may be substantiated by a Cost Benefit Analysis (CBA), in which case the evaluation will look at the soundness, comprehensiveness, and transparency of the analysis as well as proposed means to monitor its impact. The criterion will also assess, where applicable, the safety, security, cybersecurity of electronic communication networks, interoperability and accessibility aspects of the proposal, innovation and digitalisation, its cross-border dimension, and contribution to network integration and territorial accessibility, including in particular for Outermost Regions and islands. Moreover, the criterion will assess, where applicable, potential complementarities with other public funding programmes. (5 points)
- **Catalytic effect:** evaluating the effect of the EU financial assistance on the realisation of the project, for instance by overcoming a financial gap generated by insufficient commercial viability, high upfront costs or the lack of market finance, increasing the capacity to mobilise differentiated investments sources, improving the quality of the project or accelerating the overall investment plan. (5 points).

Award criteria	Minimum pass score		Maximum score
Priority and urgency	3		5
Maturity	3		5
Quality	3		5
Impact	3		5
Catalytic effect	3		5
Overall (pass) scores	15		25

Maximum points: 25 points.

Individual thresholds per criterion: 3/5, 3/5, 3/5, 3/5 and 3/5 points.

Overall threshold: 15 points.

10. Legal and financial set-up of the Grant Agreements

If you pass evaluation, your project will be invited for grant preparation, where you will be asked to prepare the Grant Agreement together with the EU Project Officer.

This Grant Agreement will set the framework for your grant and its terms and conditions, in particular concerning deliverables, reporting and payments.

The Model Grant Agreement that will be used (and all other relevant templates and guidance documents) can be found on [Portal Reference Documents](#).

Starting date and project duration

The project starting date and duration will be fixed in the Grant Agreement (*Data Sheet, point 1*). Normally the starting date will be after grant signature. Retroactive application can be granted exceptionally for duly justified reasons, but never earlier than the proposal submission date.

Project duration: up to 31.12.2026 (extensions are possible, if duly justified and through an amendment).

Milestones and deliverables

The milestones and deliverables for each project will be managed through the Portal Grant Management System and will be reflected in Annex 1 of the Grant Agreement.

Beneficiaries will also be invited to check and update information about output indicators.

Form of grant, funding rate and maximum grant amount

The grant parameters (*maximum grant amount, funding rate, total eligible costs, etc*) will be fixed in the Grant Agreement (*Data Sheet, point 3 and art 5*).

Project budget (maximum grant amount): projects of any budget are admitted. The grant awarded may be lower than the amount requested.



Please be aware that you may be asked to request an amendment to reduce the grant awarded if your project encounters major delays during the project implementation. If you do not comply with this request, we may have to terminate the grant (*see art 32*).

The grant will be a budget-based mixed actual cost grant (actual costs, with unit cost and flat-rate elements). This means that it will reimburse ONLY certain types of costs (eligible costs) and costs that were *actually* incurred for your project (NOT the *budgeted* costs). For unit costs and flat-rates, you can charge the amounts calculated as explained in the Grant Agreement (*see art 6 and Annex 2 and 2a*).

The costs will be reimbursed at the **funding rate of 50%** that is fixed in the Grant Agreement.

Grants may NOT produce a profit (i.e. surplus of revenues + EU grant over costs). For-profit organisations must declare their revenues and, if there is a profit, we will deduct it from the final grant amount (*see art 22.3*).

Moreover, please be aware that the final grant amount may be reduced in case of non-compliance with the Grant Agreement (*e.g. improper implementation, breach of obligations, etc.*).

Budget categories and cost eligibility rules

The budget categories and cost eligibility rules are fixed in the Grant Agreement (*Data Sheet, point 3, art 6 and Annex 2*).

Budget categories for this call:

- A. Personnel costs
 - A.1 Employees, A.2 Natural persons under direct contract, A.3 Seconded persons
 - A.4 SME owners and natural person beneficiaries
- B. Subcontracting costs
- C. Purchase costs
 - C.1 Travel and subsistence
 - C.2 Equipment
 - C.3 Other goods, works and services
- D. Other cost categories
 - D.1 Financial support to third parties
- E. Indirect costs

Specific cost eligibility conditions for this call:

- personnel costs:
 - average personnel costs (unit cost according to usual cost accounting practices): Yes
 - SME owner/natural person unit cost²¹: Yes

²¹ Commission [Decision](#) of 20 October 2020 authorising the use of unit costs for the personnel costs of the owners of small and medium-sized enterprises and beneficiaries that are natural persons not receiving a salary for the work carried out by themselves under an action or work programme (C(2020)7715).

- subcontracting costs:
 - country restrictions for subcontracting costs: Yes, subcontracted work must be performed in the eligible countries or target countries
- travel and subsistence unit cost²²: No (only actual costs)
- equipment costs: full cost
- other cost categories:
 - costs for financial support to third parties: not allowed
 - studies: No
 - synergetic elements: No (only for 'Works' Actions, not for 'Studies')
 - works in outermost regions: No
 - land purchases: No
- indirect cost flat-rate: 0% of the eligible direct costs (categories A-D, except volunteers costs, if any)
- VAT: VAT is NOT eligible
- other:
 - in-kind contributions for free are allowed, but cost-neutral, i.e. they cannot be declared as cost
 - project websites: communication costs for presenting the project on the participants' websites or social media accounts are eligible; costs for *separate* project websites are not eligible
 - eligible cost country restrictions: Yes, only costs for activities carried out in eligible countries or target countries are eligible
 - other ineligible costs: Yes, costs related to purchase of land


Reporting and payment arrangements

The reporting and payment arrangements are fixed in the Grant Agreement (*Data Sheet, point 4 and art 21 and 22*).

After grant signature, you will normally receive a **prefinancing** to start working on the project (up to **30%** of the maximum grant amount). The prefinancing will be paid 30 days from entry into force/financial guarantee (if required – whichever is the latest).

There will be no **interim payments**. **Payment of the balance**: At the end of the project, we will calculate your final grant amount. If the total of earlier payments is higher than the final grant amount, we will ask you (your coordinator) to pay back the difference (recovery).

All payments will be made to the coordinator.

 Please be aware that payments will be automatically lowered if one of your consortium members has outstanding debts towards the EU (granting authority or other EU bodies). Such debts will be offset by us — in line with the conditions set out in the Grant Agreement (*see art 22*).

²² Commission [Decision](#) of 12 January 2021 authorising the use of unit costs for travel, accommodation and subsistence costs under an action or work programme under the 2021-2027 multi-annual financial framework (C(2021)35).

Please also note that you are responsible for keeping records on all the work done and the costs declared.

Prefinancing guarantees

If a prefinancing guarantee is required, it will be fixed in the Grant Agreement (*Data Sheet, point 4*). The amount will be set during grant preparation and it will normally be equal or lower than the prefinancing for your grant.

The guarantee should be in euro and issued by an approved bank/financial institution established in an EU Member State. If you are established in a non-EU country and would like to provide a guarantee from a bank/financial institution in your country, please contact us (this may be exceptionally accepted, if it offers equivalent security).

Amounts blocked in bank accounts will NOT be accepted as financial guarantees.

Prefinancing guarantees are formally NOT linked to individual consortium members, which means that you are free to organise how to provide the guarantee amount (*by one or several beneficiaries, for the overall amount or several guarantees for partial amounts, by the beneficiary concerned or by another beneficiary, etc.*). It is however important that the requested amount is covered and that the guarantee(s) are sent to us in time to make the prefinancing (scanned copy via Portal AND original by post).

If agreed with us, the bank guarantee may be replaced by a guarantee from a third party.

The guarantee will be released at the end of the grant, in accordance with the conditions laid down in the Grant Agreement.

Certificates

Depending on the type of action, size of grant amount and type of beneficiaries, you may be requested to submit different certificates. The types, schedules and thresholds for each certificate are fixed in the grant agreement (*Data Sheet, point 4 and art 24*).

Liability regime for recoveries

The liability regime for recoveries will be fixed in the Grant Agreement (*Data Sheet point 4.4 and art 22*).

For beneficiaries, it is one of the following:

- limited joint and several liability with individual ceilings — *each beneficiary up to their maximum grant amount*
- unconditional joint and several liability — *each beneficiary up to the maximum grant amount for the action*

or

- individual financial responsibility — *each beneficiary only for their own debts.*

In addition, the granting authority may require joint and several liability of affiliated entities (with their beneficiary).

Provisions concerning the project implementation

Security rules: *see Model Grant Agreement (art 13 and Annex 5)*

IPR rules: *see Model Grant Agreement (art 16 and Annex 5):*

- rights of use on results: Yes

Communication, dissemination and visibility of funding: *see Model Grant Agreement (art 17 and Annex 5)*:

- communication and dissemination plan: No
- additional communication and dissemination activities: Yes
- special logos: No

Specific rules for carrying out the action: *see Model Grant Agreement (art 18 and Annex 5)*:

- Member State information: Yes
- specific rules for digital infrastructure projects: Yes
- durability: Yes
- special obligations linked to restrictions due to security:
 - implementation in case of restrictions due to security: Yes

Other specificities

n/a

Non-compliance and breach of contract

The Grant Agreement (chapter 5) provides for the measures we may take in case of breach of contract (and other non-compliance issues).



For more information, see [AGA — Annotated Grant Agreement](#).

11. How to submit an application

All proposals must be submitted directly online via the Funding & Tenders Portal Electronic Submission System. Paper applications are NOT accepted.

Submission is a 2-step process:

a) create a user account and register your organisation

To use the Submission System (the only way to apply), all participants need to [create an EULogin user account](#).

Once you have an EULogin account, you can [register your organisation](#) in the Participant Register. When your registration is finalised, you will receive a 9-digit participant identification code (PIC).

b) submit the proposal

Access the Electronic Submission System via the Topic page in the [Search Funding & Tenders](#) section (or, for calls sent by invitation to submit a proposal, through the link provided in the invitation letter).

Submit your proposal in 4 parts, as follows:

- Part A includes administrative information about the applicant organisations (future coordinator, beneficiaries, affiliated entities and associated partners) and the summarised budget for the proposal. Fill it in directly online
- Part B (description of the action) covers the technical content of the proposal. Download the mandatory word template from the Submission System, fill it in and upload it as a PDF file
- Annexes (*see section 5*). Upload them as PDF file (single or multiple depending on the slots; the budget table can be uploaded as Excel file).

The proposal must keep to the **page limits** (*see section 5*); excess pages will be disregarded.

Documents must be uploaded to the **right category** in the Submission System otherwise the proposal might be considered incomplete and thus inadmissible.

The proposal must be submitted **before the call deadline** (*see section 4*). After this deadline, the system is closed and proposals can no longer be submitted.

Once the proposal is submitted, you will receive a **confirmation e-mail** (with date and time of your application). If you do not receive this confirmation e-mail, it means your proposal has NOT been submitted. If you believe this is due to a fault in the Submission System, you should immediately file a complaint via the [IT Helpdesk webform](#), explaining the circumstances and attaching a copy of the proposal (and, if possible, screenshots to show what happened).

Details on processes and procedures are described in the [Online Manual](#). The Online Manual also contains the links to FAQs and detailed instructions regarding the Portal Electronic Exchange System.

12. Help

As far as possible, ***please try to find the answers you need yourself***, in this and the other documentation (we have limited resources for handling direct enquiries):

- [Online Manual](#)
- FAQs on the Topic page (for call-specific questions in open calls; not applicable for actions by invitation)
- [Portal FAQ](#) (for general questions).
- call information on the [HaDEA website](#).

Please also consult the Topic page regularly, since we will use it to publish call updates.

Contact

For individual questions on the Portal Submission System, please contact the [IT Helpdesk](#).

Non-IT related questions should be sent to the following email address: HaDEA-CEF-DIGITAL-CALLS@ec.europa.eu. Please submit your questions²³ no later than 10 days

²³ Interested applicants are invited to see first if a question is already answered from the existing FAQs published on the Funding & Tenders Portal.

before the submission deadline. Questions received after 13 February 2023 may not be answered.

Please indicate clearly the reference of the call and topic to which your question relates (*see cover page*).

13. Important



IMPORTANT

- **Don't wait until the end** — Complete your application sufficiently in advance of the deadline to avoid any last minute **technical problems**. Problems due to last minute submissions (*e.g. congestion, etc.*) will be entirely at your risk. Call deadlines can NOT be extended.
- **Consult** the Portal Topic page regularly. We will use it to publish updates and additional information on the call (call and topic updates).
- **Funding & Tenders Portal Electronic Exchange System** — By submitting the application, all participants **accept** to use the electronic exchange system in accordance with the [Portal Terms & Conditions](#).
- **Registration** — Before submitting the application, all beneficiaries, affiliated entities and associated partners must be registered in the [Participant Register](#). The participant identification code (PIC) (one per participant) is mandatory for the Application Form.
- **Consortium roles** — When setting up your consortium, you should think of organisations that help you reach objectives and solve problems.

The roles should be attributed according to the level of participation in the project. Main participants should participate as **beneficiaries** or **affiliated entities**; other entities can participate as associated partners, subcontractors, third parties giving in-kind contributions. **Associated partners** and third parties giving in-kind contributions should bear their own costs (they will not become formal recipients of EU funding).

- **Coordinator** — In multi-beneficiary grants, the beneficiaries participate as consortium (group of beneficiaries). They will have to choose a coordinator, who will take care of the project management and coordination and will represent the consortium towards the granting authority. In mono-beneficiary grants, the single beneficiary will automatically be coordinator.
- **Affiliated entities** — Applicants may participate with affiliated entities (i.e. entities with a legal or capital link to a beneficiary which participate in the action with similar rights and obligations as the beneficiaries, but do not sign the grant and therefore do not become beneficiaries themselves). They will get a part of the grant money and must therefore comply with all the call conditions and be validated (just like beneficiaries); but they do not count towards the minimum eligibility criteria for consortium composition (if any).
- **Associated partners** — Applicants may participate with associated partners (i.e. partner organisations which participate in the action but without the right to get grant money). They participate without funding and therefore do not need to be validated.
- **Consortium agreement** — For practical and legal reasons it is recommended to set up internal arrangements that allow you to deal with exceptional or unforeseen circumstances (in all cases, even if not mandatory under the Grant Agreement). The consortium agreement also gives you the possibility to redistribute the grant money according to your own consortium-internal principles and parameters (for instance, one beneficiary can reattribute its grant money to another beneficiary). The consortium agreement thus allows you to customise the EU grant to the needs inside your consortium and can also help to protect you in case of disputes.

- **Balanced project budget** — Grant applications must ensure a balanced project budget and sufficient other resources to implement the project successfully (*e.g. own contributions, income generated by the action, financial contributions from third parties, etc*). You may be requested to lower your estimated costs, if they are ineligible (including excessive).
- **No-profit rule** — Grants may NOT give a profit (i.e. surplus of revenues + EU grant over costs). This will be checked by us at the end of the project.
- **No double funding** — There is a strict prohibition of double funding from the EU budget (except under EU Synergies actions). Outside such Synergies actions, any given action may receive only ONE grant from the EU budget and cost items may under NO circumstances declared to two different EU actions.
- **Completed/ongoing projects** — Proposals for projects that have already been completed will be rejected; proposals for projects that have already started will be assessed on a case-by-case basis (in this case, no costs can be reimbursed for activities that took place before the project starting date/proposal submission).
- **Combination with EU operating grants** — Combination with EU operating grants is possible, if the project remains outside the operating grant work programme and you make sure that cost items are clearly separated in your accounting and NOT declared twice (see [AGA — Annotated Model Grant Agreement, art 6.2.E](#)).
- **Multiple proposals** — Applicants may submit more than one proposal for *different* projects under the same call (and be awarded a funding for them).
Organisations may participate in several proposals.
BUT: if there are several proposals for *very similar* projects, only one application will be accepted and evaluated; the applicants will be asked to withdraw one of them (or it will be rejected).
- **Resubmission** — Proposals may be changed and re-submitted until the deadline for submission.
- **Rejection** — By submitting the application, all applicants accept the call conditions set out in this this Call Document (and the documents it refers to). Proposals that do not comply with all the call conditions will be **rejected**. This applies also to applicants: All applicants need to fulfil the criteria; if any one of them doesn't, they must be replaced or the entire proposal will be rejected.
- **Cancellation** — There may be circumstances which may require the cancellation of the call. In this case, you will be informed via a call or topic update. Please note that cancellations are without entitlement to compensation.
- **Language** — You can submit your proposal in any official EU language (project abstract/summary should however always be in English). For reasons of efficiency, we strongly advise you to use English for the entire application. If you need the call documentation in another official EU language, please submit a request within 10 days after call publication (for the contact information, see *section 12*).

- **Transparency** — In accordance with Article 38 of the [EU Financial Regulation](#), information about EU grants awarded is published each year on the [Europa website](#).

This includes:

- beneficiary names
- beneficiary addresses
- the purpose for which the grant was awarded
- the maximum amount awarded.

The publication can exceptionally be waived (on reasoned and duly substantiated request), if there is a risk that the disclosure could jeopardise your rights and freedoms under the EU Charter of Fundamental Rights or harm your commercial interests.

- **Data protection** — The submission of a proposal under this call involves the collection, use and processing of personal data. This data will be processed in accordance with the applicable legal framework. It will be processed solely for the purpose of evaluating your proposal, subsequent management of your grant and, if needed, programme monitoring, evaluation and communication. Details are explained in the [Funding & Tenders Portal Privacy Statement](#).