

D3.1

Open call documentation



<https://ngisargasso.eu/>



<https://www.linkedin.com/company/ngi-sargasso/>



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Abstract

This deliverable contains all the documents created for the two Open Calls of NGI Sargasso: the General Open Call and the Open Call for Digital Credentials. The referenced documents include informational guidelines, flyers, registration forms, and Frequently Asked Questions (FAQs) for the Open Calls.

Keywords

Guidelines, flyers, forms, FAQs


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Disclaimer

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<i>Dissemination level</i>		
<i>PU</i>	Public, fully open. e.g., website	
<i>CL</i>	Classified information as referred to in Commission Decision 2001/844/EC	
<i>CO</i>	Confidential to GENOMED4ALL project and Commission Services	

*** Deliverable types:**

R: document, report (excluding periodic and final reports).

DEM: demonstrator, pilot, prototype, plan designs.

DEC: websites, patent filings, press and media actions, videos, etc.

OTHER: software, technical diagrams, etc.



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Introduction

This deliverable consists of a set of documents that have been published online for the opening of two parallel open calls on June 1, 2023. The two calls are:

- ❑ NGI Sargasso: General Call
- ❑ NGI Sargasso and Canada Collaborative Call for Digital Credentials Interoperability and Mutual Recognition Projects

This deliverable is a compilation of the following documents:

NGI Sargasso: General Open Call

- ❑ Annex 1. Guidelines for applicants. Including the rules for the open call. This document is also available online for the interested applicants in our call.
- ❑ Annex 2. Call leaflet. Design of promotional content about the open call that will be published online and printed in paper for distribution at designated events.
- ❑ Annex 3. Application form. Form that needs to be fulfilled by applicants and that it is available online.
- ❑ Annex 4. Q&A. Set of question and answers documents that it is made available to sort out main doubts about the call.

NGI Sargasso: Open Call in Digital Credentials

- ❑ Annex 5. Guidelines for applicants. Including the rules for the open call. This document is also available online for the interested applicants in our collaborative call.
- ❑ Annex 6. Call leaflet. Design of promotional content about the open call that will be published online and printed in paper for distribution at designated events.
- ❑ Annex 7. Application form. Form that needs to be fulfilled by applicants and that it is available online.
- ❑ Annex 8. Q&A. Set of question and answers documents that it is made available to sort out main doubts about the collaborative call.

Annex 1. Guidelines for applicants (General Open Call)

Included as an attachment at the end of the document and online at [\[1\]](#)

Annex 2. Call leaflet (General Open Call)

Designed by Australo. Printed for events by the partners.





More information in the **Impact Master Plan (D5.1)**

Annex 3. Application form (General Open Call)

Available online at [\[2\]](#)

Annex 4 Q&A (General Open Call)

An extensive list from the online Frequently Asked Questions (FAQ) section is included. This document is constantly updated by the NGI Sargasso team as new questions arise. This document is available at: [\[3\]](#)

Annex 5. Guidelines for applicants (Open Call in Digital Credentials)

Included as an attachment at the end of the document and online at [\[4\]](#)

Annex 6. Call leaflet (Open Call in Digital Credentials)

Designed by Australo. Printed for events by the partners.





More information in the **Impact Master Plan (D5.1)**

[Annex 7. Application form \(Open Call in Digital Credentials\)](#)
Available online at [\[5\]](#)

[Annex 8 Q&A \(Open Call in Digital Credentials\)](#)

An extensive list from the online Frequently Asked Questions (FAQ) section is included. This document is constantly updated by the NGI Sargasso team as new questions arise. This document is available at: [\[6\]](#)



References

- [1] General call guideline: <https://ngisargasso.eu/download/guide-for-applicants/>
- [2] General call Application Form: <https://ngisargasso.eu/download/application-form/>
- [3] Open Calls Question and Answers section (FAQ) of the general call:
<https://ngisargasso.eu/download/faqs/>
- [4] Collaboration call guideline: <https://ngisargasso.eu/download/guide-for-applicants-canada/>
- [5] Collaboration call Application Form: <https://ngisargasso.eu/download/application-form-canada/>
- [6] Open Calls Question and Answers section (FAQ) of the collaborative call:
<https://ngisargasso.eu/download/faqs-canada/>



NGI SARGASSO GENERAL OPEN CALL. 1st CUT-OFF DATE

Guidelines for Applicants

OPENING: 1st of June 2023

CLOSING: 31st of July 2023 at 17:00PM CEST / 10:00AM CDT

Project Website <https://ngisargasso.eu>

Open Call platform <http://cascadefunding.sploro.eu/application/new?program=ngi-sargasso-2023>

V3.0 09/06/2023



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Introduction

The purpose of this document “*Guidelines for Applicants*” is to provide clear and concise instructions to applicants submitting proposals for the **first cut-off date of the NGI Sargasso project**. The document contains information that is specific to this deadline, including eligibility criteria, evaluation procedures, and submission requirements, which have been carefully curated to ensure clarity and accuracy. **It is important to note that the information presented in this document may not apply to subsequent calls launched by the NGI Sargasso project.** Therefore, it is essential that all applicants thoroughly read and comprehend this document to ensure that their proposals meet the specific requirements outlined for the first cut-off date.

The Guidelines for Applicants document aims to assist potential applicants. It is provided for information purposes only and is not intended to replace **consultation of the Sub-Grant Agreement template**, where it is defined the framework of rights and obligations of the Contracting Parties for the development of the financed project. The Sub-Grant Agreement will be signed by the NGI Sargasso coordinator, on behalf of the entire consortium, and the beneficiary.

The NGI initiative

The **Next Generation Internet (NGI)** is a European Commission initiative that aims to shape the development and evolution of the Internet into an Internet of Humans. An Internet that responds to people’s fundamental needs, including trust, security, and inclusion, while reflecting the values and the norms all citizens enjoy in Europe¹.

Initial EC investment in NGI research and innovation of more than EUR 250M (2018-2020) has already supported around 1,000 Internet researchers and innovators involved in many hundreds of projects. The EC announced renewed EU funding for NGI under Horizon Europe. During the 2021-2022 period, the European Commission has designated EUR 62 million to assist the most prominent Internet innovators in the fields of Trust and Data Sovereignty on the Internet, Trustworthy Open Search and Discovery, Internet Architecture and Decentralized Technologies, in addition to promoting enhanced EU-USA and EU-Canada cooperation and collaboration.²

¹ [Next Generation Internet initiative | Shaping Europe's digital future \(europa.eu\)](https://ec.europa.eu/digital-single-market/en/next-generation-internet-initiative-shaping-europe's-digital-future)

² <https://www.ngi.eu/about/>



The initiative NGI supports [several projects](#) that are committed to the NGI **vision**: to create a new internet infrastructure that is open, secure, and trustworthy, that gives equal opportunities to all, and that is accessible to everyone, everywhere. Some of these projects' present open calls for financial support for initiatives aligned with NGI areas of interest. Among them are [NGI Onto Chain](#), [NGI Trublo](#), [NGI Assure](#), [NGI Zero Core](#), [NGI Enrichers](#), [NGI Atlantic](#) and [Essif-lab](#) projects. These and other initiatives can be found on the [NGI EU portal](#).

About the NGI Sargasso project

NGI Sargasso focuses on strengthening EU cooperation and strategic partnerships with the USA and Canada in the Next Generation Internet. The project has been organized to support all Internet innovators in the areas of trust and Internet data sovereignty, trusted open search and discovery, and Internet Architecture and Decentralized Technologies. With NGI Sargasso, an international ecosystem will be created with the presence of the USA and Canada in order to promote the values of Europe beyond its borders, such as openness, inclusion, transparency, privacy, cooperation, and data protection.

Our mission is to catalyse transatlantic collaboration on the development and experimentation of new ideas, implementation of prototypes, and contribution to standards and open-source communities on technology trends with the potential to reshape tomorrow's Next Generation Internet technologies and services.

Objectives and ambition of NGI Sargasso.

NGI Sargasso aims **to revolutionize the Next Generation Internet** technologies, services and standards, and contribute to the evolution of the Internet according to a human-centric approach of the internet commons. For the development of NGI Sargasso, it is crucial that the proposals presented start from close collaboration with entities from the US and/or Canada.

NGI Sargasso Approach

The Approach of NGI Sargasso is clear and precise: to contribute and promote a sustainable open Internet environment through a transatlantic **collaborative ecosystem (EU-USA-Canada)** with the objective to cooperate on emerging topics for the Next Generation Internet. Innovative ideas from Europe are ready to be opened to the world, and that will only



be possible through collaboration with the USA and Canada, leaders in internet research and development activities.³.

NGI has focused its program on improving interoperability, establishing global standards for NGI to be universal and accessible to everyone, promoting innovation and creativity, which can lead to more efficient and sustainable solutions for the current challenges of the Internet. Additionally, efforts focused within the **EU-USA-Canada ecosystem** will help to improve online privacy and security, which is essential to ensuring trust and integrity of online information. These efforts will enable the creation of a more open, inclusive, secure and sustainable Internet for everyone.

NGI Sargasso knowledge areas.

NGI Sargasso focuses on specific areas of knowledge critical to developing a more human-centric and sustainable internet. We believe that the internet should reflect the values and needs of individuals and communities, and that it should be equitable, accessible, and secure for everyone.

To achieve this vision, NGI Sargasso prioritizes the following areas of knowledge:

- ❑ **Trust:** it is focused on improving trust in the online world, by making the internet more secure and protecting users' privacy.
- ❑ **Data sovereignty:** NGI is working towards giving users control over their personal data and ensuring that it is stored and processed in a secure manner.
- ❑ **Digital identity:** to create a digital identity framework that is trustworthy, secure and interoperable, to make it easier for people to interact with the internet.
- ❑ **Internet architecture and renovation:** to renovate the existing internet architecture to make it more efficient, secure and scalable, while also preserving existing investments and assets.
- ❑ **Decentralised technologies:** the use of decentralised technologies such as blockchain, to improve the security and privacy of the internet.
- ❑ **Interoperability & Standardization:** the NGI initiative aims to promote interoperability and standardisation, enabling seamless communication and data exchange across platforms and devices. This supports innovation, competition, and user empowerment in the digital economy.

³ <https://www.cse.wustl.edu/~jain/cis788-99/ftp/testbeds/index.html>



- ❑ **New Internet Commons:** the creation of a new Internet Commons, a shared digital space where everyone can participate in the creation and exchange of digital content and services.

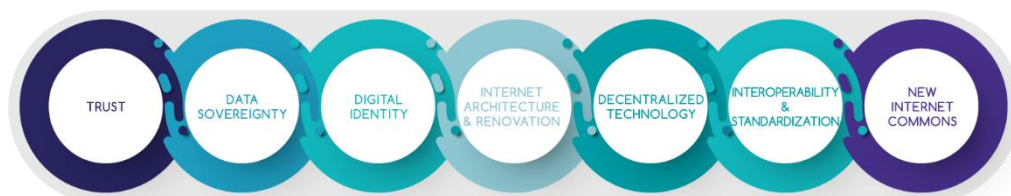


Figure 1. NGI Sargasso Knowledge Areas

NGI Sargasso technology domains

Proposals submitted to the NGI Sargasso Open Call could use some of the following base technologies to address the challenges in the above areas of knowledge: Artificial Intelligence, Blockchain and DLTs, Data, Cybersecurity, 6G and novel networks, IoT (Internet of Things), Open-source hardware and software, novel software architectures, etc.

The proposals are not limited to the use of the technologies mentioned above.

The selected projects are expected to have a clear development component, going further than theoretical approaches or just mere studies.

NGI Sargasso Challenges

NGI Sargasso has identified a set of **challenges** for this first cut-off date after conducting a series of interviews and surveys to dozens of experts in Europe, Canada and the USA. There are 9 concrete challenges and an open one. Proposals should be directed towards one of those (including the open challenge for NGI).

No.	Description
CH1	<p>Sustainable Digital Infrastructure Across Continents: Addressing environmental issues in digital networks, systems and infrastructure has emerged as a priority in both Europe, Canada and the USA, as increased complexity in systems may require additional resources. Sustainable maintenance, repair, and life-cycle management of digital technologies is included in this challenge.</p> <p><i>Knowledge Areas: Internet Architecture and Renovation, Energy Efficiency</i></p>
CH2	<p>Harmonized Cross-Atlantic Digital Governance: The need for a unified techno/legal framework for digital services across the Atlantic is gaining attention in both the EU, Canada and the USA. This includes the development of efficient networks, interconnections, and consistent regulation of data and cloud services to</p>



No.	Description
	facilitate cross-border data exchanges and services. Knowledge Areas: Internet Architecture and Renovation, Trust, Data Sovereignty
CH3	Inclusive Public Digital Spaces for Global Community Engagement: Facilitating community engagement via public digital spaces is becoming a priority in Europe, the US, and Canada. These public platforms should be inclusive and accessible, complementing private platforms. <i>Knowledge Areas: Digital Identity, Trust, New Internet Commons</i>
CH4	Enhanced Data Security and Privacy in Transcontinental Perspective The improvement of data security measures and stronger protections for personal data are a shared concern in Europe and North America. A focus is on respecting individual's data sovereignty and privacy. <i>Knowledge Areas: Trust, Data Sovereignty, Digital Identity</i>
CH5	Interoperability and Standardisation Across Borders Seamless interaction between systems and devices is essential for interconnected digital environments. Europe, the US, and Canada have a joint interest in establishing widely accepted technological standards and protocols. <i>Knowledge Areas: Interoperability & Standardisation</i>
CH6	Global Implementation of Decentralised Technologies As the world becomes more digitally connected, the implementation of decentralised technologies has become a crucial issue in Europe, Canada and the USA. These technologies offer a more distributed and resilient framework for digital services and require shared standards and protocols to ensure interoperability. <i>Knowledge Area: Decentralised Technologies, Interoperability & Standardisation</i>
CH7	Encouraging Transatlantic Citizen Participation Fostering citizen engagement in the digital society and smart city development is a shared priority for Europe, Canada and the USA. Tools and developments enabling this participation becoming a reality will be the target of this challenge. <i>Knowledge Areas: Trust, Digital Identity</i>
CH8	Quantum-Resistant Security Systems: With advancing technology, traditional encryption methods become more vulnerable, highlighting the importance of quantum encryption. Integrating quantum encryption into security systems provides an extra layer of protection against potential cyber threats, ensuring the confidentiality and integrity of sensitive information. By combining quantum encryption with efforts to bridge the digital divide, a more secure and inclusive digital environment can be created for everyone. <i>Knowledge Area: New Internet Commons, Trust</i>
CH9	Ethical Implementation of Blockchain and Decentralised Technologies As blockchain and other decentralised technologies continue to evolve, there's a growing need to ensure their ethical application, particularly in Europe, Canada and USA. This involves careful consideration of the social implications of these



No.	Description
CH10	technologies, such as how they can influence power dynamics, citizen participation, and digital inclusivity. It also includes developing strategies for mitigating potential risks or harm, such as data misuse or the exacerbation of digital divides. <i>Knowledge Area: Trust, Decentralised Technologies, New Internet Commons, Digital Identity</i>
	Open Challenge for Next Generation Internet Open for any project that addresses an emerging issue related to the specified areas of knowledge. This challenge encourages innovative solutions in the fields of Trust, Data Sovereignty, Digital Identity, Internet Architecture and Renovation, Decentralised Technologies, Interoperability & Standardisation, and New Internet Commons across Europe, USA and Canada. <i>Knowledge Area: Trust, Data Sovereignty, Digital Identity, Internet Architecture and Renovation, Decentralised Technologies, Interoperability & Standardisation, New Internet Commons</i>

TABLE 1. CHALLENGES FOR NGI SARGASSO OPEN CALL.

Relevant dates

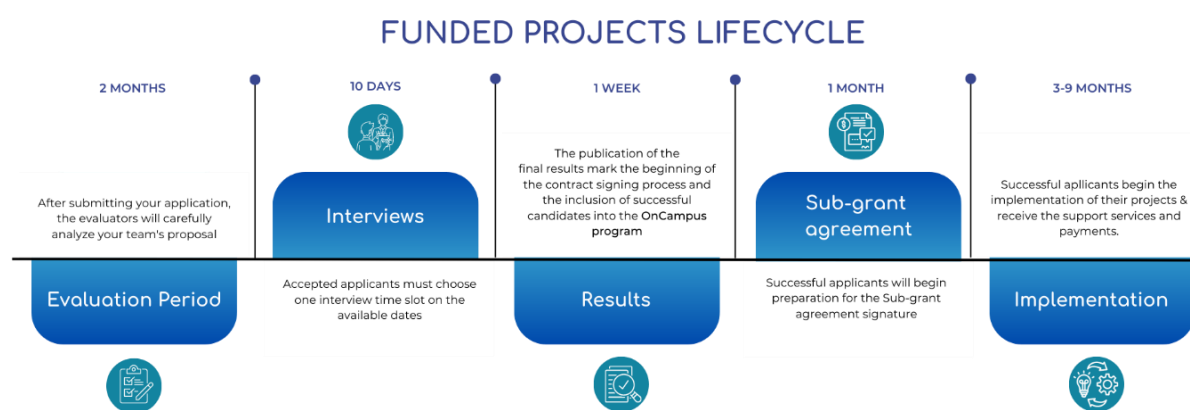


FIGURE 1. LIFECYCLE OF A FUNDED PROPOSAL

Applications

- ☐ Opening: **01.06.2023**
- ☐ Deadline for submission: **31.07.2023, 17:00h CEST/10:00 CDT.**



Evaluation

- ❑ Evaluation period: Indicatively 2 months to evaluate potential applicants. **01.08.23 to 15.09.2023**
- ❑ Interviews: only the applicants who passed the evaluation stage will be interviewed. Applicants must choose one interview time slot on the available dates: **04.09.2023 to 08.09.2023 and 11.09.2023 to 15.09.2023**, between **15:00 PM and 19:00 PM CEST/8:00 AM and 12:00 PM CDT**.
- ❑ Results: The publication of the evaluation's final results will be between **25.09.23 and 02.10.23** marking the beginning of the contract signing process and the inclusion of successful candidates into the OnCampus program.
- ❑ Sub-grant agreement preparation: Starting from **02.10.2023**, successful applicants will begin preparation for the Sub-grant agreement signature until **10.10.2023**.

OnCampus program

The OnCampus program, which is implemented by [Mobile World Capital Barcelona](#), offers business guidance, individualized assistance, entry to a wide-ranging network of important stakeholders, expert insights, and marketing prospects.

- ❑ Onboarding: Starting from **10.10.2023**, the selected teams will commence identifying the most suitable range of services for their training during the OnCampus program.

Rules and conditions

Eligible beneficiaries

The European eligible entities by NGI Sargasso open call should be legally identified under the following categories of organisations:

- ❑ **Universities and research centers:** academic and research institutions with a focus on developing novel knowledge areas and technologies aligned with the focus of NGI Sargasso.
- ❑ **NGOs and foundations:** non-profit organizations and foundations that work under the NGI areas of knowledge and technologies.
- ❑ **SMEs and startups:** small and medium-sized enterprises and startups that focus on developing innovative solutions related to NGI Sargasso's areas of focus.

Single applications with an USA-Canadian collaborator.

EU entities will apply on their own (no consortium) with a USA and/or Canadian collaborator.

It will be requested, for EU beneficiaries to clearly identify an USA and/or Canadian collaborator(s) in their application via [Support Letter](#).

In principle, any type of entity based there can be a collaborator for the sake of this initiative. The only restriction strives in the fact that the USA/Canadian counterpart cannot be a linked



or associated partner to the European beneficiary. Entities belonging to the same group (ie: matrix and their subsidiaries) cannot be considered as a valid “consortium”.

Legal definition for beneficiaries.

From a legal perspective, beneficiaries should be identified as established legal entities in any of the eligible countries in the call.

In the case of companies only [SMEs](#) are eligible.

Natural persons, mid-caps or large industries or corporations are not eligible for the purpose of the call.

Eligible countries

Only applicants legally established/resident in any of the following countries (hereafter collectively identified as the “Eligible Countries”) are eligible for funding:

- ❑ The Member States (MS) of the European Union (EU), including their outermost regions;
 - In the case of **Hungary**, although it is an MS of the EU, according to Council Implementing Decision 2022/2506, no legal commitments should be entered into with any public interest trust established based on the Hungarian Law IX of 2021 or with any entity maintained by said public interest trust.
- ❑ The Overseas Countries and Territories (OCT) linked to the Member States⁴;
- ❑ Horizon Europe associated countries: according to the updated [list published by the EC](#).

Maturity levels of the sub-granted projects.

NGI Sargasso encourages and supports projects that focus on the creation, improvement, and enhancement of open-source technologies. These projects involve activities related to generating, expanding, or significantly improving the current state-of-the-art projects within specific knowledge areas or technologies as defined earlier.

This open call for proposals emphasizes cross-border collaboration with the US and Canada oriented towards the development of novel technologies under open-source licensing. It is important to note that NGI Sargasso does not provide support for projects involving the creation of proprietary developments protected under copyright.

⁴ Entities from Overseas Countries and Territories (OCT) are eligible for funding under the same conditions as entities from the Member States to which the OCT in question is linked.



It's important to understand that this open call is not intended to finance well-mature and market-ready developments. NGI Sargasso focuses on projects that are still in earlier stages of development, prioritizing innovation and advancements rather than solely market readiness.

Financial Support

NGI Sargasso will only provide financial support to **European entities** for projects submitted to this open call.

The total budget available for this first call is 500,000€. Apart from the grant amount, NGI Sargasso also provides mentoring, coaching, and networking opportunities to help applicants achieve their project goals.

The grant is disbursed over the course of the NGI Sargasso project, following a "flat rate" approach. This means that the funding is distributed gradually, subject to meeting specific outcomes and milestones, rather than administrative justifications of time and/or expenses.

Each organisation supported by NGI Sargasso will receive a maximum of 150.000€ among different open calls that are run under the NGI Sargasso framework.

The program offers three types of grants based on the project's duration:

- 3-month experiment: up to EUR 50.000.
- 6-month experiment: up to EUR 75.000.
- 9-month experiment: up to EUR 100.000.

Subcontracting

Regarding "subcontracting," it is important to note that within the context of NGI Sargasso, subcontracting is strictly prohibited for core/essential tasks. This signifies that the primary responsibilities associated with the project must be undertaken and carried out by the team members described in the proposal. It is essential to maintain a clear understanding that the core tasks should not be delegated to external entities or subcontractors. The team should possess the necessary expertise and capacity to fulfill these crucial obligations to ensure the successful execution of the project.

Indicative distributions of the funds.

Payments will be disbursed in various stages depending on the project's duration, contingent upon meeting designated milestones or KPIs and delivering specific outputs.

For 3-month projects: 2 payments



For 6-month projects: 3 payments

For 9-month projects: 4 payments

PROJECT DURATION	MONTH 1	MONTH 3	MONTH 6	MONTH 9
OUTPUT	Coaching Plan & KPIs definition	Final Review		
3-MONTH PROJECT	30%	70%	-	-
OUTPUT	Coaching Plan & KPIs definition	Mid-Review	Final Review	
6-MONTH PROJECT	20%	30%	50%	-
OUTPUT	Coaching Plan & KPIs definition	Mid-Review	Mid-Review	Final Review
9-MONTH PROJECT	10%	30%	30%	30%

TABLE 2. PAYMENT MILESTONES

For a more detailed payment schedule please check our [Frequently Asked Questions](#) document online.

Origin of funds

Once an applicant has been selected for funding, they will be required to sign a dedicated Sub-Grantee Funding Agreement with the NGI Sargasso consortium. It is important to note that the funds attached to the Sub-Grantee Funding Agreement come directly from the funds of the Horizon Europe Project NGI Sargasso, which has been funded by the European Commission. Therefore, the funds remain the property of the EU until the payment of the balance, which is managed by the project partners in NGI Sargasso via European Commission Horizon Europe Grant Agreement Number 101092887.

The Sub-Grantee Funding Agreement represents a significant commitment from both the NGI Sargasso program and the sub-grantees who will receive funding. The relationship between sub-grantees and the European Commission through the NGI Sargasso program carries a **set of obligations for the sub-grantees** with the European Commission. These obligations will be outlined in the Sub-Grantee Agreement, which the selected applicants will need to review and agree to. It is the responsibility of the sub-grantees to ensure that they fulfil these obligations, and the NGI Sargasso consortium partners will provide guidance and support as needed.

All selected applicants should carefully review the terms of the agreement and ensure that they are able to meet their obligations in order to receive the funding and successfully carry out their project.



Allocation of funds per project.

The financing provided for each sub-granted project is determined through a lump sum scheme, taking into account the requirements specified in the call text and the duration of the experiment. In NGI Sargasso, the funding granted to each project depends on its duration. Projects with a duration of 3 months can receive up to 50.000 EUR, while those of 6 months can receive up to 75.000 EUR and projects with a duration of 9 months can receive up to 100.000 EUR.

The maximum amount of funding that can be granted to a single organization for all NGI Sargasso calls combined cannot exceed 150.000 EUR. For this first call, the total budget available is 500,000 EUR. If sufficient projects are not financed until the available budget is exhausted, the remaining budget will be allocated to future calls.

Language

English is the only official language for the NGI Sargasso project. Submissions done in any other language will not be eligible and will not be evaluated. English is also the only official language during the whole execution of the NGI Sargasso program. This means that all the communication and materials will be in English, and all deliverables will only be accepted if in English.

Documents Format

Unless otherwise stated in specific questions of the application form, any document requested in any of the phases must be submitted electronically in **PDF format without restrictions for printing.**

Multiple submissions

Applicants submitting proposals for the NGI Sargasso project should note that **multiple submissions by the same legal entity are allowed in the same or different calls, only if the scope of the proposals are different.**

However, it is important to bear in mind that while multiple submissions by the same legal entity are permitted, the maximum amount of funding that can be granted to a single organization for all NGI Sargasso calls combined cannot exceed EUR 150,000. Unsuccessful applications are of course invited to resubmit it after corrections for the next cut-off date.

Absence of conflict of interest

Applicants must not have any actual or potential conflicts of interest during the NGI Sargasso selection process or the entire project duration. Any situations that could potentially influence the impartiality of the individuals taking part in the selection process, or during the project implementation, are considered conflicts of interest. These can include financial interests, personal relationships, or any other factors that could affect the applicant's ability to remain impartial. All cases of conflict of interest will be assessed on a case-by-case



basis by the relevant NGI Sargasso selection committee and consortium partners. **If an applicant is found to have a conflict of interest, this could result in the application being disqualified.**

It is important to note that **NGI Sargasso consortium partners, their affiliated entities, employees, and permanent co-operators are not allowed to submit a proposal and therefore to receive any financial support through the open calls**, as this would violate the European Commission's regulations.

Ethical Issues

NGI Sargasso strictly adheres to the fundamental ethical principles outlined in the "European Code of Conduct for Research Integrity." To ensure compliance, all applicants are required to submit a self-assessment ethics questionnaire, which will be available in the Sploro platform. This questionnaire confirms whether or not the application contains any ethical issues.

During the evaluation process, **the NGI Sargasso consortium may verify whether the self-assessment declaration aligns with the contents of the application.** In cases where clarification is needed, the consortium reserves the right to contact the beneficiaries. If an applicant indicates that their application may have ethical issues, an ethics review will be conducted. Applications that fail to adequately address ethical concerns or privacy aspects will be rejected.

All applicants must thoroughly review and assess their applications for any potential ethical issues before submission. **Failure to comply with the ethical guidelines outlined in the "European Code of Conduct for Research Integrity" could lead to disqualification of the application.** Therefore, it is of utmost importance that all applicants take the necessary steps to ensure that their proposals meet the highest ethical standards.

Data Protection

NGI Sargasso requires access to Personal and Entity Data in order to process and evaluate applications. As open call coordinator, SPLORO will act as the Data Controller for all data submitted through the Sploro platform for this purpose. To ensure the safety and security of this data, the Sploro platform has been designed and operates under strict compliance with The General Data Protection Regulation (EU) 2016/679 (GDPR). Therefore, all applicants are required to accept the Sploro Platform terms to ensure full coverage. For more information regarding the data privacy policy and security measures implemented by Sploro, please refer to their website at <https://sploro.eu>.



Proposal submission process

Overall process

The submission will be done through the official online submission platform, which is directly linked to the NGI Sargasso website. Only applications received directly through the online submission platform will be considered eligible.

We will provide applicants with an editable template of the application form to let them prepare the application offline before introducing the information in the form available at the Sploro platform. Sending this form template in any other format and via e-mail or any other means will automatically disqualify the submission.

If the applicant discovers an error in a submitted application or aims to improve the application, and provided the call deadline has not passed, the applicant may submit a new version. For this purpose, the applicant must contact the NGI Sargasso open call managers to re-open the application. Applicants will be able to modify all questions of the application form as many times as needed until the deadline. Please be aware that once opened, the applicants should send the form again, or it will not be evaluated. Once resubmitted, only the last version received before the call deadline will be considered in the evaluation.

NGI Sargasso offers a dedicated support channel available for applicants at helpdesk@ngisargasso.eu. Requests will receive a response within 72 hours of their submission. While all possible effort will be made to respond in a timely manner, the teams should plan their submissions, accordingly, allowing enough time before the deadline (i.e., at least 72 hours prior) if they expect an answer. Lack of the receipt of an answer to an enquiry shall not constitute grounds for extension or re-evaluation of a submission. Requests or inquiries about the submission system or the call itself, received AFTER two days before the closure time of the call will neither be considered nor answered.

Documents to be submitted

- Application [form](#): an online form divided in different sections:
 - 1) Overall organisation profile
 - 2) Alignment
 - Background problem that will be solved
 - Team behind the project
 - Collaborative entities profile in US/Canada
 - Challenge rationale and description
 - 3) Excellence
 - Objectives and the solution proposed.
 - Why the proposal is innovative.
 - Appropriateness of the solution to sort the problem presented.



4) Impact

- How core technologies are enhanced.
- Scale-up and exploitation potential of the solution.
- Foreseen activities in dissemination and communication.

[Support letter](#) from the USA/Canada entity.

Applicants must strictly adhere to the form provided by NGI Sargasso consortium via Sploro platform, which defines sections and the overall length. Evaluators will be instructed not to consider extra material in the evaluation.

Application preparation

For the successful submission, applicants are strongly advised to follow these steps:

- ❑ Check the guidelines for applicants to determine if your organisation is eligible for the program.
- ❑ Applicants are required to apply online and answer all mandatory questions (with no exception) at: <https://cascadefunding.sploro.eu>. Moreover, applicants must submit all the requested documents established in the call. The lack of any of the documents will negatively affect the eligibility of the applicant for the evaluation process. In addition, note that certain documents - which will be required for each applicant selected for the program and signing a sub-grantee agreement - may take time to acquire. It is highly advisable that you read Section 5.2.3 (below) and take into consideration the time needed to obtain these documents.
- ❑ Be concrete and concise. Open questions have character limitations. Please examine all the open call documents and attend the various online events promoted by the NGI Sargasso program in order to be prepared.
- ❑ Only the submission within the Open Call duration will be accepted. There will not be any deadline extensions unless there is a Force Majeure situation (i.e., a major problem with the platform caused by the NGI Sargasso consortium and not by the applicants, making the system unavailable for a long period). - It is strongly advised not to wait until the last minute.

Proposal Evaluation and Selection Process

Application reception

Submissions will be done ONLY via the Sploro platform, and it will be the unique entry point for all application submissions. Applications submitted by any other means will not be considered nor evaluated. Only the documentation included in the submission will be considered by evaluators. A full list of applicants will be drafted containing their basic information for statistical purposes and clarity (which will be also shared with the EC for



transparency). The application reception will close on **31.07.2023, 17:00 CEST (10:00 AM CDT)**. There will not be any deadline extensions unless there is a Force Majeure situation, caused by the NGI Sargasso consortium and not by the applicants, which renders the system unavailable.

Evaluation process

The evaluation process will take place for a maximum of three weeks from the closure of the call and will be evaluated according to the following categories:

Eligibility criteria

An automatic filtering to discard non-eligible proposals will follow the shortlist below.

Eligibility criteria check will verify:

- a) All the required fields are completed.
- b) Applicants should be registered in an EU Member State or a Horizon Europe associated country and twinning with a USA/Canada counterpart.
- c) The existence of a legal entity.
- d) The correct fulfilment of the application form on the Sploro platform.
- e) The alignment with the NGI Sargasso call for proposals and challenges, and
- f) The uniqueness of the proposal (proposal not already funded in the NGI Sargasso project and/or any other project to avoid double funding).
- g) Support letter from the USA/Canada entity exists.
- h) The applicant and the USA/Canada counterpart are not linked or associated entities or have any other legally binding relation which qualifies them as a company group.

Applications marked as non-eligible will get a rejection letter including the reasons (a to h) for being declared as non-eligible. No further feedback on the process will be given.

Experts' remote evaluation

The applications that pass the eligibility check will move to the remote evaluation stage where an external evaluation board with experience in DLT domain, R&D, technology and business development will review each proposal, scoring them based on 3 different evaluation criteria (**Alignment, Excellence and Impact**).

- 1) Alignment: Applicants must align with:
 - a) Call objectives/ challenges.
 - b) Areas of knowledge
 - c) Technologies
- 2) Excellence: projects must demonstrate high quality and a clear set of objectives aligned with the NGI Sargasso vision and with the general objectives of the project. The Excellence is evaluated according to the following criteria:
 - a) Clarity and pertinence of the objectives



- b) Excellence, innovation and quality of the project.
 - c) Appropriateness of the solution to solve the selected challenge.
 - d) Clear and detailed plan of proposed activities, ensuring that the activities are aligned with the project objectives and developed within realistic timeframes.
 - e) Clear identification of the improvements that will be developed over the current state of technology and their technical feasibility.
 - f) Clear and concise explanation of how the collaboration between the European organization and the US/Canada entity will be structured, considering roles, communication mechanisms, synergies, and mutually identified benefits of the collaboration.
- 3) Impact: Proposals must demonstrate impact on the NGI technologies advancement and its contribution to meeting the overall project objectives. The impact is evaluated according to the following criteria:
- a) Clarity and specificity of the expected benefits for the organization by participating in NGI Sargasso.
 - b) Explanation of how mutual and sustainable benefits will be ensured.
 - c) Assessment of the relevance and scope of the expected environmental impact.
 - d) Relevance and potential for economic impact of the project.
 - e) Relevance and contribution of the project to desired social improvement or transformation.
 - f) Effectiveness of the proposed experiments to exploit and disseminate the project results and to communicate the project.

The selected experts will be independent of the organisations involved in the consortium and of any third party applying to the call. The experts will sign a declaration of confidentiality concerning the contents of the proposals they read. The form which they use in the evaluation carries a declaration of freedom from conflict of interest which they agree to by signing them. Proposals will be evaluated by 2 evaluators. All evaluators will receive the evaluation guidelines, templates, and will be duly informed about the timing for an agile process and conflict of interest issues.

The experts will score each award criterion on a scale from 0 to 5:

Score	Definition
0	Proposal fails to address the criterion or cannot be assessed due to missing or incomplete information.
1	Poor – criterion is inadequately addressed or there are serious inherent weaknesses.
2	Fair – proposal broadly addresses the criterion, but there are significant weaknesses



3	Good – proposal addresses the criterion well, but a number of shortcomings are present.
4	Very good- proposal addresses the criterion very well, but a small number of shortcomings are present.
5	The proposal successfully addresses all relevant aspects of the criterion. Any shortcomings are minor.

TABLE 3. CRITERIA SCORE

Normalisation score

For the final grade calculation, there will be two evaluators per proposal, where each one will score differently without knowing the evaluation of their colleague, thus avoiding one evaluator conditioning the other. Therefore, the same evaluation may receive very different scores.

The normalisation process counts with a several steps approach:

- ❑ **External Evaluators Average (EEA) and Overall Average Score (OAS):** each evaluator has evaluated several proposals. We calculate the average score of all applicants and compare it with the average score of each evaluator.
- ❑ Each External Evaluator Average is compared to the Overall Average Score using a simple division (EEA / OAS). As a result, we know the percentage each evaluator represents of the OAS. This has a double meaning:
 - Evaluators under 100% have a negative pattern against the average. Their scores are then increased.
 - Evaluators above 100% have a positive pattern against the average. Their scores are then decreased.
- ❑ **Correction factor:** Based on this formula $1 + (1 - (EEA/OAS))$. This factor is unique for each evaluator.
- ❑ The following step is applying the Correction Factor to each criterion per evaluator. **Alignment x Correction Factor | Excellence x Correction factor | Impact x Correction factor.**
- ❑ Then we calculate the final score of each criterion as the average of each corrected score of the two evaluators on each proposal. (It may be the case that correction brings scores over a 5 in any criteria. In those cases, the score is capped in 5).
- ❑ We add the corrected scores and calculate the total score.
- ❑ Finally, we build the shortlist according from highest to lowest total score.

Using this method, a more balanced distribution of scores would be guaranteed, and the possibility of biases and distortions would be reduced. At the end of the evaluation process,



all proposals will be ranked based on their scores. The list of accepted proposals at remote evaluation will be published as well as the information about the non-eligible proposals. All applicants will be informed about the evaluation results.

Interview stage

The top-ranked projects of the external remote evaluation shall be duly invited to participate in an online interview. Given that the interview will be recorded, utmost consideration shall be accorded to data protection throughout the process. The primary aim of the interview is to gain a comprehensive understanding of the project's concept, the team's skills and competence, and their capacity and willingness to exploit the results. At least 2 evaluation board members will carry out the interviews.

The evaluation of this stage will be simple. The 2 evaluators will determine individually if the proposal they are interviewing should move forward with a yes/no decision. Each yes decision will motivate an extra 1 point in the overall evaluation and a new shortlist list will be populated.

At the end of the evaluation process all proposals will be ranked based on their scores (15 points from remote evaluation + 2 points from interview maximum).

Final Selection

At the end of the evaluation process all proposals will be ranked based on their scores, and the best proposals will be invited to sign the sub-grant agreement and participate in the program. The list of accepted proposals at remote evaluation will be published as well as the information about the noneligible proposals. All applicants will be informed about the evaluation results.

The criteria for the ranking of the proposals will be semi-automatic following the rules below:

- ❑ Rule 1: The proposals will be ranked based on their overall score.
- ❑ Rule 2: In case following Rule 1 there are proposals in the same position, priority will be given to proposals having a higher score in the interview.
- ❑ Rule 3: In case following Rule 2 there are proposals in the same position, priority will be given to proposals that have higher score on the Excellence award criterion.
- ❑ Rule 4: In case following Rule 3 there are proposals in the same position, priority will be given to proposals that have higher score on the Impact award criterion.
- ❑ Rule 5: In the event that following Rule 4 there are proposals in the same position, priority will be given to teams that count with a better gender balance (ie: 50-50 distribution according to the tables in team member composition).

The NGI Sargasso consortium will then formally approve a list of proposals within the limits of the available funding.



Prior to contracting to the top ranked applicants, the consortium will ask for the approval of the European Commission, and the list of selected projects will be submitted to the European Commission for final screening. Once validated, the project will communicate the results and every applicant will receive via email: An Evaluation Summary Report (ESR) and a letter informing of the rejection decision or invitation to negotiation and following steps.

Sub-grant agreement preparation

A written Sub-grantee agreement will be signed with successful applicants. All the legal issues are accurately covered by the planned contracts with the sub-granted beneficiaries. The sub-grant agreement will foresee, among other things, the special clauses derived from Horizon Europe in cascading granting, the payment schedule, and conditions (milestones), general legal text issues of rights and obligations by the NGI Sargasso consortium and each sub-grantee, including IPR and audit procedures. It will also have a set of annexes such as the description of the project, bank account information form, status information and any other document required by NGI Sargasso consortium to assure the correct execution of the sub-granted projects.

A legal entity that does not provide the requested data and documents in due time will not be included in NGI Sargasso Program. The sub-granted projects will also define in their contract a set of research, business and technical milestones linked to a set of KPIs, to which the project will associate the payment at the end of each phase. The project mentors are responsible to assess the milestones and trigger the payment process.

The objective of the contract preparation is fulfilling the legal requirements between the NGI Sargasso consortium and every beneficiary of the call. The requested elements for validation that will be requested are:

For all the entities selected.

- ❑ **Bank account information.** Form identifying the account in which the funds will be transferred signed by the legal representative of the organisation and including a bank statement showing the ownership of the account. The coordinator of the consortium, ESF, will also provide additional security measures to verify the ownership of the account.
- ❑ **Sub-grantee funding agreement.** Signed between the Consortium (represented by the coordinator ESF) and the beneficiary.

For entities that are already validated by the European Commission's Funding and Tenders Portal that count with a registered and validated PIC Number we will request the PIC Number and a screenshot of the Funding and Tenders portal in which it's evidenced the type of organisation which has been selected as a beneficiary (university, NGO, foundation, SME...)

For those entities without a validated PIC number OR without a validated status (like self-declared SMEs) we will request:



- ❑ **Legal entity form.** The Legal Entity form for [private companies](#), and [public law bodies](#) necessary for the awarding of EU funding. Company Register, Official Journal and so forth, showing the name of the organisation, the legal address and registration number and
- ❑ **VAT Number registration** (if applicable), a copy of a document proving VAT registration (in case the VAT number does not show on the registration extract or its equivalent).

Only SMES

- ❑ **SME declaration:** form based on the standard templates by the EC in which the consortium can verify the ownership structure and financial figures to verify the size of the company.
- ❑ Balance accounts and P&L for the last two closed years
- ❑ In companies with linked or associated entities, additional information (accounts for mother companies, group trees, etc.) could be requested.

Beneficiaries' Responsibilities

The selected organisations are indirectly beneficiaries of European Commission funding. As such, they are responsible for the proper use of the funding and ensure that the recipients comply with obligations under Horizon specific requirements. The obligations that are applicable to the recipients include:

Conflict of interest

Beneficiaries must take all measures to prevent any situation where the impartial and objective implementation of the sub-project is compromised for reasons involving economic interest, political or national affinity, family or emotional ties or any other shared interest ('conflict of interests'). They must formally notify to the NGI Sargasso coordinator without delay any situation constituting or likely to lead to a conflict of interest and immediately take all the necessary steps to rectify this situation. The NGI Sargasso coordinator may verify that the measures taken are appropriate and may require additional measures to be taken by a specified deadline. If the sub-contracted consortium member breaches any of its obligations, the sub-contract may be automatically terminated. Moreover, costs may be rejected.

Data protection and confidentiality

During implementation of the sub-project and for four years after the end of the sub-project, the parties must keep confidential any data, documents or other material (in any form) that is identified as confidential at sub-contract signing time ('confidential information').

Promotion of the action and EU Funding visibility

The beneficiary must promote their participation in the NGI Sargasso project and the benefits obtained as a result of participating in the program. They will provide targeted



information to multiple audiences (including the media and the public) in a strategic and effective manner and to highlight the financial support of the EC. The NGI Sargasso Communication Team will guide, provide materials and support these communication activities. Unless the European Commission or the NGI Sargasso coordinator requests, or agrees otherwise or unless it is impossible, any communication activity related to the action (including in electronic form, via social media, etc.), any publicity, including at a conference or seminar or any type of information or promotional material (brochure, leaflet, poster, presentation etc.), and any infrastructure, equipment and major results funded by the grant must:

- ☐ display the EU emblem;
- ☐ display the NGI Sargasso logo.

When displayed in association with a logo, the European emblem should be given appropriate prominence. This obligation to use the European emblem in respect of projects to which the EC contributes implies no right of exclusive use. It is subject to general third-party use restrictions which do not permit the appropriation of the emblem, or of any similar trademark or logo, whether by registration or by any other means. Under these conditions, the Beneficiary is exempted from the obligation to obtain prior permission from the EC to use the emblem. Further detailed information on the EU emblem can be found on the Europa web page. Any publicity made by the beneficiary in respect of the project, in whatever form and on or by whatever medium, must specify that it reflects only the author's views and that the EC or NGI Sargasso project is not liable for any use that may be made of the information contained therein. The EC and the NGI Sargasso consortium shall be authorized to publish, in whatever form and on or by whatever medium, the following information:

- ☐ the name of the beneficiary;
- ☐ contact address of the beneficiary;
- ☐ the general purpose of the project;
- ☐ the amount of the financial contribution foreseen for the project; after the final payment, and the amount of the financial contribution actually received;
- ☐ the geographic location of the activities carried out;
- ☐ the list of dissemination activities relating to the foreground;
- ☐ the details/references and the abstracts of scientific publications relating to the foreground and, if funded within the sub-project, the published version or the final manuscript accepted for publication;
- ☐ the publishable reports submitted to the NGI Sargasso consortium;
- ☐ any picture or any audio-visual or web material provided to the EC and NGI Sargasso in the framework of the project.



The beneficiary shall ensure that all necessary authorisations for such publication have been obtained and that the publication of the information by the EC and NGI Sargasso does not infringe any rights of third parties. Upon a duly substantiated request by the beneficiary, NGI Sargasso, if such permission is provided by the EC, may agree to forego such publicity if disclosure of the information indicated above would risk compromising the beneficiary's security, academic or commercial interests.

Financial audits and control

The European Commission (EC) will monitor compliance with the financial support conditions outlined in Annex 1 of the NGI Sargasso Grant Agreement by beneficiaries and third parties. The EC may conduct financial audits, which may be conducted by external auditors or by EC services, including the European Anti-Fraud Office (OLAF). Beneficiaries must make all detailed information and data available to the EC or any authorized representative for audit purposes. The beneficiary must keep all sub-project deliverables and documents for up to five years from the end of the project.

Internal communication

Each of the teams selected to join the program must nominate a primary contact point that will act as a coordinator during the duration of the program.

- ☐ Provide any notice in writing to the NGI Sargasso program coordinator.
- ☐ Notify immediately of any change of persons or contact details to the NGI Sargasso coordinator. The address list shall be accessible to all concerned.

External communication and open data

Each funded organisation will be publicly listed at NGI Sargasso public channels like social networks or website. The funding disbursed by the NGI Sargasso consortium to each of the beneficiaries will be made public under a dataset that will be uploaded into an open a free repository as it is Zenodo.



ANNEX

Application Form

Legal and contact INFO

Proposing organization(s) - EU

Contact information

- Last Name*:
- First Name*:
- E-mail*:

Organisation information

- Organization legal name*:
- Organization short name*:
- Type of organization*:
 - ☐ University
 - ☐ Research centre
 - ☐ NGOs
 - ☐ Foundation
 - ☐ SME/Startup
 - ☐ Other (complete)
- Legal address
- City/Town*:
- Province/Region*:
- Country*:
- Phone number*:
- Organization Website*:
- VAT number:
- PIC number*:

From the US/CA side:

Organisation information

- Full legal name*:
- Organisation short name*:
- Legal address*:
- City*:
- State/Region*:
- Country*:
- Website*:



- **Support letter*:** *[It is mandatory to include a support letter from the US or Canadian entity involved in the project. This letter should confirm the entity's commitment to executing the project alongside the European entity that has applied for NGI Sargasso funding. The letter should also outline the entity's role in the project and how they plan to contribute to its success. This support letter is a critical part of the application and should be submitted along with all other required materials.]*
- **Description*:** *[please, provide a description of your organization & the department taking part in the project (max 500 characters)]*

Contact point

- Last Name*:
- First Name*:
- Position*:
- e-mail*:
- Phone number*:

Project description

Alignment

- Project Name*:
 - Project Acronym*:
 - Tagline*: *[Describe the project you would like to develop within the NGI Sargasso Support Programme in one sentence (max 300 characters)]*à *This description will be made public if you are selected.*
 - Brief description*: *[Tell us more about the project you would like to develop within the NGI Sargasso Support Programme (max 500 characters)]*
 - Challenges addressed*: *[select one or more options]*
- ☐ **Challenge 1. Sustainable Digital Infrastructure Across Continents:** Addressing: Addressing environmental issues in digital networks, systems and infrastructure has emerged as a priority in both Europe, Canada and the USA, as increased complexity in systems may require additional resources. Sustainable maintenance, repair, and life-cycle management of digital technologies is included in this challenge.
Knowledge Areas: Internet Architecture and Renovation, Energy Efficiency
- ☐ **Challenge 2. Harmonized Cross-Atlantic Digital Governance:** The need for a unified techno/legal framework for digital services across the Atlantic is gaining attention in both the EU, Canada and the USA. This includes the development of efficient networks, interconnections, and consistent regulation of data and cloud services to facilitate cross-border data exchanges and services.
Knowledge Areas: Internet Architecture and Renovation, Trust, Data Sovereignty
- ☐ **Challenge 3. Inclusive Public Digital Spaces for Global Community Engagement:** Facilitating community engagement via public digital spaces is becoming a priority in



Europe, the US, and Canada. These public platforms should be inclusive and accessible, complementing private platforms.

Knowledge Areas: Digital Identity, Trust, New Internet Commons

□ **Challenge 4. Enhanced Data Security and Privacy in Transcontinental**

Perspective: The improvement of data security measures and stronger protections for personal data are a shared concern in Europe and North America. A focus is on respecting individual's data sovereignty and privacy.

Knowledge Areas: Trust, Data Sovereignty, Digital Identity

□ **Challenge 5. Interoperability and Standardisation Across Borders Description:**

Seamless interaction between systems and devices is essential for interconnected digital environments. Europe, the US, and Canada have a joint interest in establishing widely accepted technological standards and protocols.

Knowledge Area: Interoperability & Standardisation

□ **Challenge 6. Global Implementation of Decentralised Technologies:** As the world becomes more digitally connected, the implementation of decentralised technologies has become a crucial issue in Europe, Canada, and the USA. These technologies offer a more distributed and resilient framework for digital services and require shared standards and protocols to ensure interoperability.

Knowledge Area: Decentralised Technologies, Interoperability & Standardisation

□ **Challenge 7. Encouraging Transatlantic Citizen Participation:** Fostering citizen engagement in the digital society and smart city development is a shared priority for Europe, Canada, and the USA. Tools and developments enabling this participation becoming a reality will be the target of this challenge.

Knowledge Areas: Trust, Digital Identity

□ **Challenge 8. Quantum-Resistant Security Systems:** With advancing technology, traditional encryption methods become more vulnerable, highlighting the importance of quantum encryption. Integrating quantum encryption into security systems provides an extra layer of protection against potential cyber threats, ensuring the confidentiality and integrity of sensitive information. By combining quantum encryption with efforts to bridge the digital divide, a more secure and inclusive digital environment can be created for everyone.

Knowledge Area: New Internet Commons, Trust

□ **Challenge 9. Ethical Implementation of Blockchain and Decentralised Technologies:**

As blockchain and other decentralised technologies continue to evolve, there is a growing need to ensure their ethical application, particularly in Europe, Canada, and USA. This involves careful consideration of the social implications of these technologies, such as how they can influence power dynamics, citizen participation, and digital inclusivity. It also includes developing strategies for mitigating potential risks or harm, such as data misuse or the exacerbation of digital divides.

Knowledge Area: Trust, Decentralised Technologies, New Internet Commons, Digital Identity



☐ **Challenge 10. Open Challenge for Next Generation Internet Description:** Open for any project that addresses an emerging issue related to the specified areas of knowledge. This challenge encourages innovative solutions in the fields of Trust, Data Sovereignty, Digital Identity, Internet Architecture and Renovation, Decentralised Technologies, Interoperability & Standardisation, and New Internet Commons across Europe and North America.

Knowledge Area: Trust, Data Sovereignty, Digital Identity, Internet Architecture and Renovation, Decentralised Technologies, Interoperability & Standardisation, New Internet Commons

- Sorting the challenge(s): *[Please explain how you are planning to sort out the challenge(s) selected and the relation your solution/research has with the areas of knowledge and technologies selected. [2000 characters]*
- Alignment with NGI initiative *[Please explain how you are aligned with this proposal with the values and spirit of the Next Generation Internet Initiative [2000 characters]*
- Project length: *[Select the more adequate project length for the activities proposed]*
 - ☐ 3-months project
 - ☐ 6-months project
 - ☐ 9-months project
- Expected results: *[Please briefly explain the results you expect to achieve with your Project max 500 characters]*
- TEAM
 - Last name
 - First name
 - Title
 - Online CV / LinkedIn page
 - Short bio
 - Main tasks in the project
 - Percentage of dedication to the project

Excellence

1. Problem/need

What problem will the project address and aim to solve? (Max 1000 characters)

2. Objective

What are the specific objectives of your project and how do they relate to NGI Sargasso's vision of improving online privacy and security, and promoting a more decentralized and sustainable Internet? (Max 1000 characters)

3. Innovation of your project

What specific contributions will your project make to the achievement of NGI Sargasso's objectives and how does it differentiate from other projects in the same field? (Max 1000 characters)



4. Activity plan

Please provide a detailed plan of the activities that your organization will undertake to achieve the project's goals. How will these activities align with the project objectives? (Max 2000 characters)

5. Please upload a Gantt chart that includes all the planned activities for the project's execution.

6. Ambition over current state of technologies

What improvements will you develop over the state of the technology? (Max 1000 characters)

7. Deliverables

Describe the deliverables that you will produce within the framework of the project (i.e.: open-source repositories, reports, etc.) 1000 characters.

8. Are you promoting open source somehow?

Yes/No/Do not know yet.

9. Collaboration

Can you please explain how the collaboration between your organization and the US/Canada entity will be structured for the execution of the NGI initiative? (Max 1000 characters)

Impact

1. What specific benefits does your organization expect to gain from participating in NGI Sargasso, and how will these benefits contribute to your organization objectives? *(Max 1000 characters)*

2. How do you expect your counterpart to benefit from their participation in NGI Sargasso? *(Max 1000 characters)*

3. How will you ensure that these benefits are mutual and sustainable? *(Max 1000 characters)*

4. What are the potential ways that your project could have a positive impact on the environment, and how will possible negative effects be addressed? *(Max 1000 characters)*

5. How can your project contribute to economic development through job creation, fostering innovation, and/or promoting competitiveness in the market? *(Max 1000 characters)*

6. What are the expected social impacts of your project and how do they align with the goals of the NGI initiative?



7. Communication: This activity refers to the communication of the organization's participation in the NGI Sargasso project to relevant communities and the general public. It involves creating a strategy to ensure that the project's outcomes and impacts reach the intended audience through various channels, such as social media, website, press releases, newsletters, and events. Please select one or more of the communication strategies listed below that your organization plans to use for sharing its participation in NGI Sargasso. *[select one or more options]*

- ☐ Social Media: The beneficiary will utilize various social media platforms (e.g., Twitter, Facebook, LinkedIn, Mastodon, etc.) to share updates and news about their participation in NGI Sargasso.
- ☐ Newsletter: The beneficiary will send out regular newsletters to their mailing list to keep them informed about their participation in NGI Sargasso.
- ☐ Conferences and events: The beneficiary will attend relevant conferences and events to promote their participation in NGI Sargasso and network with other relevant stakeholders.
- ☐ Press releases: The beneficiary will issue press releases to relevant media outlets to announce their participation in NGI Sargasso and share updates about their progress.
- ☐ Website updates: The beneficiary will regularly update their website to include information about their participation in NGI Sargasso and share updates with their online community.
- ☐ Others

7.1 Can you give some additional examples of communication strategies that you have in mind?

8. Dissemination: Dissemination of project results involves sharing the outcomes and findings of the project with the relevant stakeholders and the general public. This process helps to maximize the impact of the project and increase awareness of its outcomes, and may involve various strategies such as publications, conferences, social media, and other forms of communication. The aim is to ensure that the project's results reach as wide an audience as possible and can be used to inform future research and decision-making.

Please select the dissemination strategies that your organization plans to use to share the project results with the relevant community and the general public. *[select one or more options]*

- ☐ Presenting the results at conferences and workshops.
- ☐ Publishing research papers in academic journals and industry publications.
- ☐ Organizing webinars and online events.
- ☐ Creating informative and engaging videos for social media platforms.
- ☐ Collaborating with influencers and opinion leaders in the relevant field to promote the project results.
- ☐ Participating in interviews with media outlets.
- ☐ Hosting demos and showcasing the project outputs to stakeholders.
- ☐ Contribute to open-source repositories.



☐ Other

8.1 Can you give some additional examples of dissemination strategies that you have in mind? *(Max 1000 characters)*

8.2 Please confirm that you agree to collaborate with NGI Sargasso in its transversal Dissemination & Communication activities (i.e., participating in interviews, providing materials for articles and publications, etc.)

Yes/No

9. Exploitation: The goal of exploitation is to ensure that the project outcomes have a lasting impact and contribute to the overall objectives of NGI Sargasso, such as advancing internet privacy and security, promoting decentralization, and enhancing the competitiveness of the European tech industry.

Please select the strategies that you plan to use to exploit the results of your project.

☐ Commercialization: The beneficiary will explore ways to commercialize the results of the project, such as creating new products or services that can be sold in the market.

☐ Licensing: The beneficiary will license the intellectual property resulting from the project to third parties for a fee.

☐ Open access: The beneficiary will make the results of the project publicly available through open access repositories, such as online databases or journals.

☐ Collaboration: The beneficiary will collaborate with other organizations to further develop and apply the project results.

☐ Further research: The beneficiary will continue to conduct further research and development based on the project results.

☐ Other

9.1 Can you give some additional examples of exploitation strategies that you have in mind? *(Max 1000 characters)*

Other

Where did you get to know us?

☐ Through the partners. Which one?

☐ Through social media. Which one?

☐ At an event Which one?

☐ Through mailing

☐ Through NGI channels

☐ Other, please specify.

Privacy policy

By submitting this form, you agree and confirm the following:

- We have read, understood, and will comply with the open call details and requirements stated in the Guidelines for applicants.
- All information provided in the NGI Sargasso application submitted by our entity is correct and complete.



- Our company is not in any situation, which would exclude us from receiving financial support for third parties.
- Our company is not under liquidation or in financial difficulty.
- Our company is not subject to a conflict of interest in connection with the cascade funding.
- We will inform the NGI Sargasso consortium, without delay, of any situation considered a conflict of interest or which could raise a conflict of interest.
- We will process any personal data in compliance with the applicable EU and national law on data protection.



NGI Sargasso and Canada collaborative call in Digital Credentials

Guidelines for Applicants

OPENING: 1st of June 2023

CLOSING: 31st of July 2023 at 17:00PM CEST / 10:00AM CDT

Project Website <https://ngisargasso.eu>

Open Call platform <http://cascadefunding.sploro.eu/application/new?program=ngi-sargasso-2023-canada-call>

V3.0 09/06/2023



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Introduction

This document provides clear and concise instructions to entities interested in submitting proposals for a collaboration initiative aimed at addressing challenges related to the interoperability and mutual recognition of digital credentials between jurisdictions in the **EU and Canada**.

The **Guidelines for Applicants** document outlines eligibility criteria, evaluation procedures, and submission requirements specifically tailored for this callout. It is important to note that the information presented in this document may not apply to subsequent calls.

Potential applicants should thoroughly read and comprehend this document to ensure that their proposals meet the specific requirements outlined for the call-out.

The NGI initiative

The **Next Generation Internet (NGI)** is a European Commission initiative that aims to shape the development and evolution of the Internet into an Internet of Humans. An Internet that responds to people's fundamental needs, including trust, security, and inclusion, while reflecting the values and the norms all citizens enjoy in Europe¹.

Initial EC investment in NGI research and innovation of more than EUR 250M (2018-2020) has already supported around 1,000 Internet researchers and innovators involved in many hundreds of projects. The EC announced renewed EU funding for NGI under Horizon Europe. During the 2021-2022 period, the European Commission has designated EUR 62 million to assist the most prominent Internet innovators in the fields of Trust and Data Sovereignty on the Internet, Trustworthy Open Search and Discovery, Internet Architecture and Decentralized Technologies, in addition to promoting enhanced EU-US and EU-Canada cooperation and collaboration.²

The initiative NGI supports [several projects](#) that are committed to the NGI **vision**: to create a new internet infrastructure that is open, secure, and trustworthy, that gives equal opportunities to all, and that is accessible to everyone, everywhere. Some of these projects' present open calls for financial support for initiatives aligned with NGI areas of interest. Among them are [NGI Onto Chain](#), [NGI Trublo](#), [NGI Assure](#), [NGI Zero Core](#), [NGI Enrichers](#), [NGI Atlantic](#) and [Essif-lab](#) projects (both in cooperation with the US). These and other initiatives can be found on the [NGI EU portal](#).

About the NGI initiative and Canada collaboration.

In September 2020, Canada and the European Commission (EC) agreed to collaborate on a discovery phase aimed at exploring digital credentials through a series of workshops. These workshops were jointly led by Innovation, Science and Economic Development Canada (ISED) and DG CONNECT from the EC and were conducted from the spring to summer of

¹ [Next Generation Internet initiative | Shaping Europe's digital future \(europa.eu\)](#)

² <https://www.ngi.eu/about/>



2021. The primary objective of these workshops was to assess the current technology and policy landscapes related to digital credentials in both jurisdictions, with the aim of identifying areas of overlap and gaps that needed to be addressed to facilitate interoperability and mutual support for digital credentials. Based on the discussions held during these workshops, a set of recommendations was developed to guide future work in this area.

The technical workshops revealed that Canada and the EU have various SSI and digital credential technologies in use that are not interoperable, creating the risk of technology siloes. Experts recommended that both jurisdictions adopt internationally recognized standards and best practices such as the Verifiable Credentials (VC) Data Model 1.1 and Decentralized Identifiers (DIDs) 1.0, enabling baseline compatibility with World Wide Web Consortium (W3C) test suites, and adopt a ledger and feature-agnostic approach to prevent vendor lock-in.

Following the recommendations of the workshop's final report³, EC and CA are moving forward to Research & Innovation collaboration in areas pertaining to digital credentials under the Next Generation Internet initiative. Digital credential interoperability refers to the ability of different digital credential systems to work together seamlessly, enabling individuals to use their digital credentials, which are the digital representations of traditional physical documents or other types of information, across various platforms, applications, and services. The aim of the cooperation is to demonstrate interoperability and mutual recognition at the technical and semantic level.

Objectives and ambition of the NGI Sargasso-Canada Collaboration Call for Proposals

In Canada, there is a parallel callout for proposals related to challenges of digital credential interoperability and mutual recognition under the theme of "[Digitization and cybersecurity](#)".

The NGI Sargasso project will support entities from EU member states and associated countries selected in this call, while the Canadian government will finance Canadian counterparts. The aim of this collaboration is to establish an effective partnership that can develop and implement internationally recognized standards and best practices for digital credentials and establish a seamless and interoperable digital credential ecosystem.

This represents a significant opportunity for the EU and Canada to foster innovation and digital transformation in the critical area of digital credential interoperability and mutual recognition. Regular meetings and open communication channels will ensure that all stakeholders are aligned with NGI's goals and objectives.

³ [Canada-EU Joint Workshop Series for Enabling Interoperability and Mutual Support for Digital Credentials: Results and next steps | Shaping Europe's digital future \(europa.eu\)](#)



NGI Sargasso: Promoting Digital Credentials Interoperability.

The NGI Sargasso project plays a vital role in promoting the collaboration between Canada and the European Union on digital credential interoperability.

One of the project's primary objectives is to enable cross-border collaboration between researchers, innovators, and developers to promote innovation and digital transformation.

Target Areas

Some of the main target areas in achieving digital credential interoperability include ^{4,5}:

- ❑ **Technical interoperability:** Different digital credential systems may use different technical standards and protocols, making it difficult to exchange and verify information across systems. To achieve interoperability, these systems must be designed to work with each other, which requires a common set of technical standards.
- ❑ **Semantic interoperability:** Even if different digital credential systems use the same technical standards, they may use different terminologies or meanings for the same attributes. For example, one system may use "date of birth" while another may use "birthdate." Achieving semantic interoperability requires developing a common vocabulary and understanding of attributes.
- ❑ **Legal and regulatory interoperability:** Different countries and regions may have different legal and regulatory frameworks for digital credentials, which can create barriers to interoperability. For example, privacy regulations may differ, and some countries may require certain types of identity verification that are not recognized in other countries.
- ❑ **Governance interoperability:** Digital credential systems may be governed by different entities or organizations, each with its own rules and policies. To achieve interoperability, there must be a shared governance framework that allows for consistent policies and procedures across systems.
- ❑ **User experience:** Digital credential systems must be easy to use and intuitive for users, regardless of which system they are using. This requires designing systems with user-centred principles in mind and ensuring that users have a clear understanding of how to use their digital credentials across different platforms and applications.

NGI Collaboration opportunities

The issue of digital credential interoperability and mutual recognition is of growing importance in today's globalized and digitalized world. Recognizing this, Canada and the European Commission (EC) have identified an opportunity to collaborate on the development and advancement of digital credential standards and certifications, joint proofs of concept and pilots, mutual recognition for digital credentials and digital trust services, and more. To take this collaboration to the next level, the innovation ecosystems in both jurisdictions are being leveraged to fund a call-out that will advance interoperability testing of technical conformity and/or compatibility between trust frameworks, test issuing and

⁴ <https://eur-lex.europa.eu/legal-content/EN/TXT/HTML/?uri=CELEX:52022PC0197>

⁵ eID systems following diverse standards <https://op.europa.eu/webpub/eca/special-reports/e-government-24-2022/en/>



verification services and infrastructures, test the interoperability of digital wallet solutions, and develop and test an approach for decentralized trusted data registries. This represents an exciting opportunity for entities in both Canada and the EU to work together and make significant strides in this crucial area.

Both jurisdictions have highlighted the opportunity to continue to work together to advance interoperability and mutual support for digital credentials including:

- ❑ Cooperation on the development of digital credential standards and certifications.
- ❑ Joint proofs of concept and pilots for end-to-end digital credential use cases.
- ❑ Mutual recognition for digital credentials and digital trust services.
- ❑ Adoption, awareness and support through digital credential demonstrations.
- ❑ The creation of shared repositories for digital credential technologies.

Through this collaborative call, both jurisdictions have the opportunity to further their joint efforts in advancing interoperability and mutual recognition of digital credentials. The aim is to provide funding for projects that tackle **at least one of the following challenges:**

- ❑ **Advance interoperability testing of technical conformity and/or compatibility between trust frameworks.**

The topic will explore conformity and compatibility testing approaches and will propose solutions that will advance the interoperability between technology solutions and trust frameworks from EU and Canada.

- ❑ **Test issuing and verification services and infrastructures between jurisdictions.**

This topic will focus on innovative EU services and infrastructures that support the digital credential model (issuing, verifying and holding) and will advance and test these solutions with the Canadian counterparts.

- ❑ **Test the interoperability of digital wallet solutions, including testing EBSI wallet framework interoperability with Canadian digital credential technologies.**

This topic will focus on demonstrating interoperability between EU and Canadian wallet solutions. The proposal should identify interoperability challenges and propose innovative solutions that will facilitate and improve the storage, presentation and verification of digital credentials between EU and Canadian wallets.

- ❑ **Develop and test an approach for decentralised trusted data registries.**

This topic will focus on designing innovative and transparent, cryptographically secure system to act as a trust anchor for digital credentials. This system will be based on international standards and allow easy scaling. The aim will be to advance the solution, testing easy scaling, and/or implementing international standards together with the Canadian counterparts.

The projects should adhere to internationally recognised standards and best practices, such as the W3C VC Data Model 1.1 and DIDs 1.0 and ensure both technical and semantic interoperability with the cooperating projects from Canada. In addition, the latest developments in the eIDAS architecture reference framework (ARF) should be taken into account and the potential benefits of the United Nations Centre for Trade Facilitation and e-



Business (UN/CEFACT) project on standardisation of digital identity for trade facilitation should be considered. Development and testing can be carried out using the EBSI infrastructure.

Collaboration with Canada.

As part of this collaborative open call, it is not necessary for applicants to provide a support letter from a Canadian entity. The [Canadian Government](#) recently closed its own [call for proposals](#) focused on digitization and cybersecurity on April 18, and is currently evaluating submissions. They will provide a list of potential Canadian candidates who can collaborate with European entities. NGI Sargasso will facilitate the matching process between the two parties.

Given the fact the selected projects from the Canadian side, will not be known until they are selected (in parallel to NGI Sargasso call), we expect the projects that are submitted to be flexible enough to adapt their developments to the needs of a collaboration with a yet unknown partner from Canada by the time of proposal submission.

Relevant dates

Applications

- ❑ Opening: **01.06.2023**
- ❑ Deadline for submission: **31.07.2023, 17:00h CEST/10:00 CDT.**

Evaluation

- ❑ Evaluation period: Indicatively 2 months to evaluate potential applicants. **18.07.23 to 15.09.2023**
- ❑ Interviews: only the applicants who passed the evaluation stage will be interviewed. Applicants must choose one interview time slot on the available dates: **04.09.2023 to 08.09.2023 and 11.09.2023 to 15.09.2023**, between **15:00 PM and 19:00 PM CEST/8:00 AM and 12:00 PM CDT.** Results: The publication of the evaluation's final results will be between **25.09.23 and 02.10.23** marking the beginning of the contract signing process and the inclusion of successful candidates into the OnCampus program.
- ❑ Sub-grant agreement preparation: Starting from **02.10.2023**, successful applicants will begin preparation for the Sub-grant agreement signature until **10.10.2023**.

OnCampus program

- ❑ Onboarding: Starting from **10.10.2023**, the selected teams will commence identifying the most suitable range of services for their training during the NGI Sargasso program.



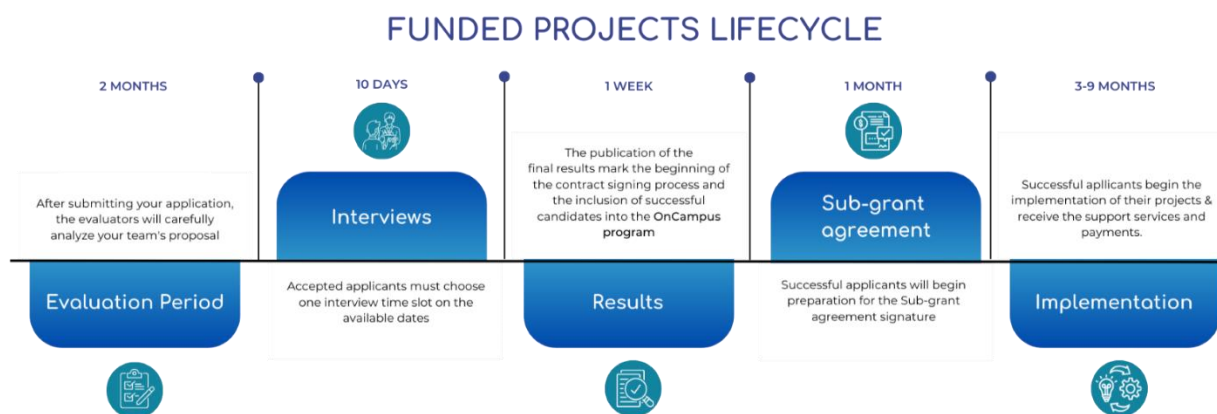


FIGURE 1. LIFECYCLE OF A FUNDED PROPOSAL

Rules and conditions

Eligible beneficiaries

The European eligible entities by NGI Sargasso open call should be legally identified under the following categories of organisations:

- ❑ **Universities and research centers:** academic and research institutions with a focus on developing novel knowledge areas and technologies aligned with the focus of NGI Sargasso.
- ❑ **NGOs and foundations:** non-profit organizations and foundations that work under the NGI areas of knowledge and technologies.
- ❑ **SMEs and startups:** small and medium-sized enterprises and startups that focus on developing innovative solutions related to NGI Sargasso's areas of focus.

Legal definition for beneficiaries.

From a legal perspective, beneficiaries should be identified as established legal entities in any of the eligible countries in the call.

In the case of companies only [SMEs](#) are eligible.

Natural persons, mid-caps or large industries or corporations are not eligible for the purpose of the call.

Eligible countries

Only applicants legally established/resident in any of the following countries (hereafter collectively identified as the "Eligible Countries") are eligible for funding:

- ❑ The Member States (MS) of the European Union (EU), including their outermost regions;



- In the case of **Hungary**, although it is an MS of the EU, according to Council Implementing Decision 2022/2506, no legal commitments should be entered into with any public interest trust established based on the Hungarian Law IX of 2021 or with any entity maintained by said public interest trust.
- ❑ The Overseas Countries and Territories (OCT) linked to the Member States⁶;
- ❑ Horizon Europe associated countries: according to the updated [list published by the EC](#).

Maturity levels of the sub-granted projects.

NGI Sargasso encourages and supports projects that focus on the creation, improvement, and enhancement of open-source technologies. These projects involve activities related to generating, expanding, or significantly improving the current state-of-the-art projects within specific knowledge areas or technologies as defined earlier. In addition to these activities, NGI Sargasso also welcomes initiatives that promote standardization, conduct interoperability testing, or undertake technical prototyping of novel paradigms in NGI technologies.

This particular open call for proposals emphasizes cross-border collaboration with Canada and specifically targets the development of novel technologies under open-source licensing within the digital credentials' domain. It is important to note that NGI Sargasso does not provide support for projects involving the creation of proprietary developments protected under copyright.

It's important to understand that this open call is not intended to finance well-mature and market-ready developments. NGI Sargasso focuses on projects that are still in earlier stages of development, prioritizing innovation and advancements rather than solely market readiness.

Financial Support

NGI Sargasso will only provide financial support to **European entities** for projects submitted to this collaboration call-out, including a **9-month experiment** with a funding limit of up to **EUR 100,000**.

Apart from the grant amount, NGI Sargasso also provides mentoring, coaching, and networking opportunities to help applicants achieve their project goals.

The grant is disbursed over the course of the NGI Sargasso project, following a "flat rate" approach. This means that the funding is distributed gradually, subject to meeting specific outcomes and milestones, rather than administrative justifications of time and/or expenses.

Each organisation supported by NGI Sargasso can receive a maximum of 150.000€ among different open calls that are run under the NGI Sargasso framework.

⁶ Entities from Overseas Countries and Territories (OCT) are eligible for funding under the same conditions as entities from the Member States to which the OCT in question is linked.



Subcontracting

Regarding "subcontracting," it is important to note that within the context of NGI Sargasso, subcontracting is strictly prohibited for core/essential tasks. This signifies that the primary responsibilities associated with the project must be undertaken and carried out by the team members described in the proposal. It is essential to maintain a clear understanding that the core tasks should not be delegated to external entities or subcontractors. The team should possess the necessary expertise and capacity to fulfill these crucial obligations to ensure the successful execution of the project.

Indicative distributions of the funds.

Financial support will be paid based on specific deliverables and the achievement of certain milestones or KPIs (Key Performance Indicators). We have established a distinct set of criteria to calculate the exact amount of financial support.

For 9-month projects: 4 payments

For a more detailed payment schedule please check our [Frequently Asked Questions](#)

Origin of funds

Once an applicant has been selected for funding, they will be required to sign a dedicated Sub-Grantee Funding Agreement with the NGI Sargasso consortium. It is important to note that the funds attached to the Sub-Grantee Funding Agreement come directly from the funds of the Horizon Europe Project NGI Sargasso, which has been funded by the European Commission. Therefore, the funds remain the property of the EU until the payment of the balance, which is managed by the project partners in NGI Sargasso via European Commission Horizon Europe Grant Agreement Number 101092887.

The Sub-Grantee Funding Agreement represents a significant commitment from both the NGI Sargasso program and the sub-grantees who will receive funding. The relationship between sub-grantees and the European Commission through the NGI Sargasso program carries a **set of obligations for the sub-grantees** with the European Commission. These obligations will be outlined in the Sub-Grantee Agreement, which the selected applicants will need to review and agree to. It is the responsibility of the sub-grantees to ensure that they fulfil these obligations, and the NGI Sargasso consortium partners will provide guidance and support as needed.

All selected applicants should carefully review the terms of the agreement and ensure that they are able to meet their obligations in order to receive the funding and successfully carry out their project.

Number of applicants to be funded

Up to three projects will be selected for this collaborative track, with a total budget of up to 300,000€ and a maximum of 100,000€ per project.



In the event that not all planned projects are financed, any remaining budget will be carried over and allocated to future calls.

Language

English is the only official language for the NGI Sargasso project. Submissions done in any other language will not be eligible and will not be evaluated. English is also the only official language during the whole execution of the NGI Sargasso programme. This means that all the communication and materials will be in English, and all deliverables will only be accepted if in English.

Documents Format

Unless otherwise stated in specific questions of the application form, any document requested in any of the phases must be submitted electronically in **PDF format without restrictions for printing.**

Multiple submissions

Applicants submitting proposals for the NGI Sargasso project should note that **multiple submissions by the same legal entity are allowed in the same or different calls, only if the scope of the proposals are different.**

However, it is important to bear in mind that while multiple submissions by the same legal entity are permitted, the maximum amount of funding that can be granted to a single organization for all NGI Sargasso calls combined cannot exceed EUR 150.000. Unsuccessful applications are of course invited to resubmit it after corrections for the next cut-off date.

For the purpose of clarification, a project funded via **NGI Sargasso collaborative open call** with Canada, will never be funded by **NGI Sargasso open call**. Different projects by the same entity could be supported by NGI Sargasso only if accomplishing the earlier defined conditions and limits.

Absence of conflict of interest

Applicants must not have any actual or potential conflicts of interest during the NGI Sargasso selection process or the entire project duration. Any situations that could potentially influence the impartiality of the individuals taking part in the selection process, or during the project implementation, are considered conflicts of interest. These can include financial interests, personal relationships, or any other factors that could affect the applicant's ability to remain impartial. All cases of conflict of interest will be assessed on a case-by-case basis by the relevant NGI Sargasso selection committee and consortium partners. **If an applicant is found to have a conflict of interest, this could result in the application being disqualified.**

It is important to note that **NGI Sargasso consortium partners, their affiliated entities, employees, and permanent co-operators are not allowed to submit a proposal and therefore to receive any financial support through the open calls**, as this would violate the European Commission's regulations.



Ethical Issues

NGI Sargasso strictly adheres to the fundamental ethical principles outlined in the "European Code of Conduct for Research Integrity." To ensure compliance, all applicants are required to submit a self-assessment ethics questionnaire, which will be available in the Sploro platform. This questionnaire confirms whether or not the application contains any ethical issues.

During the evaluation process, **the NGI Sargasso consortium may verify whether the self-assessment declaration aligns with the contents of the application.** In cases where clarification is needed, the consortium reserves the right to contact the beneficiaries. If an applicant indicates that their application may have ethical issues, an ethics review will be conducted. Applications that fail to adequately address ethical concerns or privacy aspects will be rejected.

All applicants must thoroughly review and assess their applications for any potential ethical issues before submission. **Failure to comply with the ethical guidelines outlined in the "European Code of Conduct for Research Integrity" could lead to disqualification of the application.** Therefore, it is of utmost importance that all applicants take the necessary steps to ensure that their proposals meet the highest ethical standards.

Data Protection

NGI Sargasso requires access to Personal and Entity Data in order to process and evaluate applications. As open call coordinator, SPLORO will act as the Data Controller for all data submitted through the Sploro platform for this purpose. To ensure the safety and security of this data, the Sploro platform has been designed and operates under strict compliance with The General Data Protection Regulation (EU) 2016/679 (GDPR). Therefore, all applicants are required to accept the Sploro Platform terms to ensure full coverage. For more information regarding the data privacy policy and security measures implemented by Sploro, please refer to their website at <https://sploro.eu>.

Proposal submission process

Overall process

The submission will be done through the official online submission platform, which is directly linked to the NGI Sargasso website. Only applications received directly through the online submission platform will be considered eligible.

We will provide applicants with an editable template of the application form to let them prepare the application offline before introducing the information in the form available at the Sploro platform. Sending this form template in any other format and via e-mail or any other means will automatically disqualify the submission.

If the applicant discovers an error in a submitted application or aims to improve the application, and provided the call deadline has not passed, the applicant may submit a new



version. For this purpose, the applicant must contact the NGI Sargasso open call managers to re-open the application. Applicants will be able to modify all questions of the application form as many times as needed until the deadline. Please be aware that once opened, the applicants should send the form again, or it will not be evaluated. Once resubmitted, only the last version received before the call deadline will be considered in the evaluation.

NGI Sargasso offers a dedicated support channel available for applicants at helpdesk@ngisargasso.eu. Requests will receive a response within 72 hours of their submission. While all possible effort will be made to respond in a timely manner, the teams should plan their submissions, accordingly, allowing enough time before the deadline (i.e., at least 72 hours prior) if they expect an answer. Lack of the receipt of an answer to an enquiry shall not constitute grounds for extension or re-evaluation of a submission. Requests or inquiries about the submission system or the call itself, received AFTER two days before the closure time of the call will neither be considered nor answered.

Documents to be submitted

❑ Application [form](#): an online form divided in different sections:

- 1) *Overall organisation profile*
- 2) *Alignment*
 - Background problem that will be solved
 - Collaboration with a Canadian similar project (expectatives for collaboration)
 - Team behind the project.
- 3) *Excellence*
 - Objectives and the solution proposed.
 - Why the proposal is innovative.
 - Appropriateness of the solution to sort the problem presented.
- 4) *Impact*
 - How core technologies are enhanced.
 - Scale-up and exploitation potential of the solution.
 - Foreseen activities in dissemination and communication.

Applicants must strictly adhere to the form provided by NGI Sargasso consortium via Sploro platform, which defines sections and the overall length. Evaluators will be instructed not to consider extra material in the evaluation.

Application preparation

For the successful submission, applicants are strongly advised to follow these steps:

- ❑ Check the guidelines for applicants to determine if your organisation is eligible for the programme.
- ❑ Applicants are required to apply online and answer all mandatory questions (with no exception) at: <https://cascadefunding.sploro.eu>. Moreover, applicants must submit all the



requested documents established in the call. The lack of any of the documents will negatively affect the eligibility of the applicant for the evaluation process. In addition, note that certain documents - which will be required for each applicant selected for the programme and signing a sub-grantee agreement - may take time to acquire. It is highly advisable that you read Section 5.2.3 (below) and take into consideration the time needed to obtain these documents.

- ❑ Be concrete and concise. Open questions have character limitations. Please examine all the open call documents and attend the various online events promoted by the NGI Sargasso programme in order to be prepared.
- ❑ Only the submission within the Open Call duration will be accepted. There will not be any deadline extensions unless there is a Force Majeure situation (i.e., a major problem with the platform caused by the NGI Sargasso consortium and not by the applicants, making the system unavailable for a long period). - It is strongly advised not to wait until the last minute.

Proposal Evaluation and Selection Process

Application reception

Submissions will be done ONLY via the Sploro platform, and it will be the unique entry point for all application submissions. Applications submitted by any other means will not be considered nor evaluated. Only the documentation included in the submission will be considered by evaluators. A full list of applicants will be drafted containing their basic information for statistical purposes and clarity (which will be also shared with the EC for transparency). The application reception will close on **31.07.2023, 17:00 CEST/10:00 AM CDT**. There will not be any deadline extensions unless there is a Force Majeure situation, caused by the NGI Sargasso consortium and not by the applicants, which renders the system unavailable.

Evaluation process

The evaluation process will take place for a maximum of three weeks from the closure of the call and will be evaluated according to the following categories:

Eligibility criteria

An automatic filtering to discard non-eligible proposals will follow the shortlist below. Eligibility criteria check will verify:

- a) All the required fields are completed.
- b) Applicants should be registered in an EU Member State or a Horizon Europe associated country and express their interest in collaboration with a Canadian entity.
- c) The existence of a legal entity.
- d) The correct fulfilment of the application form on the Sploro platform.
- e) The alignment with the NGI Sargasso call for proposals and challenges, and
- f) The uniqueness of the proposal (proposal not already funded in the NGI Sargasso project and/or any other project to avoid double funding).



Applications marked as non-eligible will get a rejection letter including the reasons (a to f) for being declared as non-eligible. No further feedback on the process will be given.

Experts' remote evaluation

The applications that pass the eligibility check will move to the remote evaluation stage where an external evaluation board with experience in digital credential topic will review each proposal, scoring them based on 3 different evaluation criteria (**Alignment, Excellence and Impact**).

- 1) Alignment: Applicants must align with call objectives/challenges.
- 2) Excellence: Projects must demonstrate high quality and a clear set of objectives aligned with the vision of NGI Sargasso in collaboration with Canada. The Excellence is evaluated according to the following criteria:
 - a) Clarity and pertinence of the objectives
 - b) Excellence, innovation and quality of the project.
 - c) Appropriateness of the solution to solve the problem presented.
- 3) Impact: Proposals must demonstrate the impact on the advancement of technologies related to digital credentials and their contribution to achieving the overall objectives of the project. The impact is evaluated according to the following criteria:
 - a) Strengthening the competitiveness, effectiveness, and efficiency of basic technologies related to digital credentials.
 - b) Expansion and market potential of the proposed solutions.
 - c) Effectiveness of the proposed experiments to exploit and disseminate the project results, as well as to communicate the project.

The selected experts will be independent of the organisations involved in the consortium and of any third party applying to the call. The experts will sign a declaration of confidentiality concerning the contents of the proposals they read. The form which they use in the evaluation carries a declaration of freedom from conflict of interest which they agree to by signing them. Proposals will be evaluated by 2 evaluators. All evaluators will receive the evaluation guidelines, templates, and will be duly informed about the timing for an agile process and conflict of interest issues.

The experts will score each award criterion on a scale from 0 to 5:

Score	Definition
0	Proposal fails to address the criterion or cannot be assessed due to missing or incomplete information.
1	Poor – criterion is inadequately addressed or there are serious inherent weaknesses.
2	Fair – proposal broadly addresses the criterion, but there are significant weaknesses
3	Good – proposal addresses the criterion well, but a number of shortcomings are present.



4	Very good- proposal addresses the criterion very well, but a small number of shortcomings are present.
5	The proposal successfully addresses all relevant aspects of the criterion. Any shortcomings are minor.

TABLE 1. CRITERIA SCORE

Normalisation score

For the final grade calculation, there will be two evaluators per proposal, where each one will score differently without knowing the evaluation of their colleague, thus avoiding one evaluator conditioning the other. Therefore, the same evaluation may receive very different scores.

The normalisation process counts with a several steps approach:

- ❑ **External Evaluators Average (EEA) and Overall Average Score (OAS):** each evaluator has evaluated several proposals. We calculate the average score of all applicants and compare it with the average score of each evaluator.
- ❑ Each External Evaluator Average is compared to the Overall Average Score using a simple division (EEA / OAS). As a result we know the percentage each evaluator represents of the OAS. This has a double meaning:
 - Evaluators under 100% have a negative pattern against the average. Their scores are then increased.
 - Evaluators above 100% have a positive pattern against the average. Their scores are then decreased.
- ❑ **Correction factor:** Based on this formula $1 + (1 - (EEA/OAS))$. This factor is unique for each evaluator.
- ❑ The following step is applying the Correction Factor to each criteria per evaluator. **Alignment x Correction Factor | Excellence x Correction factor | Impact x Correction factor.**
- ❑ Then we calculate the final score of each criteria as the average of each corrected score of the two evaluators on each proposal. (It may be the case that correction brings scores over a 5 in any criteria. In those cases the score is capped in 5).
- ❑ We add the corrected scores and calculate the total score.
- ❑ Finally, we build the shortlist according from highest to lowest total score.

Using this method, a more balanced distribution of scores would be guaranteed, and the possibility of biases and distortions would be reduced. At the end of the evaluation process, all proposals will be ranked based on their scores. The list of accepted proposals at remote evaluation will be published as well as the information about the non-eligible proposals. All applicants will be informed about the evaluation results.



Interview stage

The 6 top-ranked projects of the external remote evaluation shall be duly invited to participate in an online interview. Given that the interview will be recorded, utmost consideration shall be accorded to data protection throughout the process. The primary aim of the interview is to gain a comprehensive understanding of the project's concept, the team's skills and competence, and their capacity and willingness to exploit the results. At least 2 evaluation board members will carry out the interviews.

The evaluation of this stage will be simple. The 2 evaluators will determine individually if the proposal they are interviewing should move forward with a yes/no decision. Each yes decision will motivate an extra 1 point in the overall evaluation and a new shortlist list will be populated.

At the end of the evaluation process all proposals will be ranked based on their scores (15 points from remote evaluation + 2 points from interview maximum).

Final Selection

At the end of the evaluation process all proposals will be ranked based on their scores, and the best proposals will be invited to sign the sub-grant agreement and participate in the programme. The list of accepted proposals at remote evaluation will be published as well as the information about the noneligible proposals. All applicants will be informed about the evaluation results.

The criteria for the ranking of the proposals will be semi-automatic following the rules below:

- ❑ Rule 1: The proposals will be ranked based on their overall score.
- ❑ Rule 2: In case following Rule 1 there are proposals in the same position, priority will be given to proposals having a higher score in the interview.
- ❑ Rule 3: In case following Rule 2 there are proposals in the same position, priority will be given to proposals that have higher score on the Excellence award criterion.
- ❑ Rule 4: In case following Rule 3 there are proposals in the same position, priority will be given to proposals that have higher score on the Impact award criterion.
- ❑ Rule 5: In the event that following Rule 4 there are proposals in the same position, priority will be given to teams that count with a better gender balance (ie: 50-50 distribution according to the tables in team member composition).

The NGI Sargasso consortium will then formally approve a list of proposals within the limits of the available funding.

Prior to contracting to the top ranked applicants, the consortium will ask for the approval of the European Commission, and the list of selected projects will be submitted to the European Commission for final screening. Once validated, the project will communicate the results and every applicant will receive via email: An Evaluation Summary Report (ESR) and a letter informing of the rejection decision or invitation to negotiation and following steps.



Sub-grant agreement preparation

A written Sub-grantee agreement will be signed with successful applicants. All the legal issues are accurately covered by the planned contracts with the sub-granted beneficiaries. The sub-grant agreement will foresee, among other things, the special clauses derived from Horizon Europe in cascading granting, the payment schedule, and conditions (milestones), general legal text issues of rights and obligations by the NGI Sargasso consortium and each sub-grantee, including IPR and audit procedures. It will also have a set of annexes such as the description of the project, bank account information form, status information and any other document required by NGI Sargasso consortium to assure the correct execution of the sub-granted projects.

A legal entity that does not provide the requested data and documents in due time will not be included in NGI Sargasso Programme. The sub-granted projects will also define in their contract a set of research, business and technical milestones linked to a set of KPIs, to which the project will associate the payment at the end of each phase. The project mentors are responsible to assess the milestones and trigger the payment process.

The objective of the contract preparation is fulfilling the legal requirements between the NGI Sargasso consortium and every beneficiary of the call. The requested elements for validation that will be requested are:

For all the entities selected.

- ❑ **Bank account information.** Form identifying the account in which the funds will be transferred signed by the legal representative of the organisation and including a bank statement showing the ownership of the account. The coordinator of the consortium, ESF, will also provide additional security measures to verify the ownership of the account.
- ❑ **Sub-grantee funding agreement.** Signed between the Consortium (represented by the coordinator ESF) and the beneficiary.

For entities that are already validated by the European Commission's Funding and Tenders Portal that count with a registered and validated PIC Number we will request the PIC Number and a screenshot of the Funding and Tenders portal in which it's evidenced the type of organisation which has been selected as a beneficiary (university, NGO, foundation, SME...)

For those entities without a validated PIC number OR without a validated status (like self declared SMEs) we will request:

- ❑ The **Legal Entity form** for [private companies](#), and [public law bodies](#) necessary for the awarding of EU funding. Company Register, Official Journal and so forth, showing the name of the organisation, the legal address and registration number and
- ❑ **VAT Number registration** (if applicable), a copy of a document proving VAT registration (in case the VAT number does not show on the registration extract or its equivalent).

Only SMES



- ❑ SME declaration: form based on the standard templates by the EC in which the consortium can verify the ownership structure and financial figures to verify the size of the company.
- ❑ Balance accounts and P&L for the last two closed years
- ❑ In companies with linked or associated entities, additional information (accounts for mother companies, group trees, etc) could be requested.

Beneficiaries' Responsibilities

The selected organisations are indirectly beneficiaries of European Commission funding. As such, they are responsible for the proper use of the funding and ensure that the recipients comply with obligations under Horizon specific requirements. The obligations that are applicable to the recipients include:

Conflict of interest

Beneficiaries must take all measures to prevent any situation where the impartial and objective implementation of the sub-project is compromised for reasons involving economic interest, political or national affinity, family or emotional ties or any other shared interest ('conflict of interests'). They must formally notify to the NGI Sargasso coordinator without delay any situation constituting or likely to lead to a conflict of interest and immediately take all the necessary steps to rectify this situation. The NGI Sargasso coordinator may verify that the measures taken are appropriate and may require additional measures to be taken by a specified deadline. If the sub-contracted consortium member breaches any of its obligations, the sub-contract may be automatically terminated. Moreover, costs may be rejected.

Data protection and confidentiality

During implementation of the sub-project and for four years after the end of the sub-project, the parties must keep confidential any data, documents or other material (in any form) that is identified as confidential at sub-contract signing time ('confidential information').

Promotion of the action and EU Funding visibility

The beneficiary must promote their participation in the NGI Sargasso project and the benefits obtained as a result of participating in the programme. They will provide targeted information to multiple audiences (including the media and the public) in a strategic and effective manner and to highlight the financial support of the EC. The NGI Sargasso Communication Team will guide, provide materials and support these communication activities. Unless the European Commission or the NGI Sargasso coordinator requests, or agrees otherwise or unless it is impossible, any communication activity related to the action (including in electronic form, via social media, etc.), any publicity, including at a conference or seminar or any type of information or promotional material (brochure, leaflet, poster, presentation etc.), and any infrastructure, equipment and major results funded by the grant must:

- ❑ display the EU emblem;
- ❑ display the NGI Sargasso logo and ;



When displayed in association with a logo, the European emblem should be given appropriate prominence. This obligation to use the European emblem in respect of projects to which the EC contributes implies no right of exclusive use. It is subject to general third-party use restrictions which do not permit the appropriation of the emblem, or of any similar trademark or logo, whether by registration or by any other means. Under these conditions, the Beneficiary is exempted from the obligation to obtain prior permission from the EC to use the emblem. Further detailed information on the EU emblem can be found on the Europa web page. Any publicity made by the beneficiary in respect of the project, in whatever form and on or by whatever medium, must specify that it reflects only the author's views and that the EC or NGI sargasso project is not liable for any use that may be made of the information contained therein. The EC and the NGI Sargasso consortium shall be authorised to publish, in whatever form and on or by whatever medium, the following information:

- ❑ the name of the beneficiary;
- ❑ contact address of the beneficiary;
- ❑ the general purpose of the project;
- ❑ the amount of the financial contribution foreseen for the project; after the final payment, and the amount of the financial contribution actually received;
- ❑ the geographic location of the activities carried out;
- ❑ the list of dissemination activities relating to the foreground;
- ❑ the details/references and the abstracts of scientific publications relating to the foreground and, if funded within the sub-project, the published version or the final manuscript accepted for publication;
- ❑ the publishable reports submitted to the NGI Sargasso consortium;
- ❑ any picture or any audio-visual or web material provided to the EC and NGI Sargasso in the framework of the project.

The beneficiary shall ensure that all necessary authorisations for such publication have been obtained and that the publication of the information by the EC and NGI Sargasso does not infringe any rights of third parties. Upon a duly substantiated request by the beneficiary, NGI Sargasso, if such permission is provided by the EC, may agree to forego such publicity if disclosure of the information indicated above would risk compromising the beneficiary's security, academic or commercial interests.

Financial audits and control

The European Commission (EC) will monitor compliance with the financial support conditions outlined in Annex 1 of the NGI Sargasso Grant Agreement by beneficiaries and third parties. The EC may conduct financial audits, which may be conducted by external auditors or by EC services, including the European Anti-Fraud Office (OLAF). Beneficiaries must make all detailed information and data available to the EC or any authorized representative for audit purposes. The beneficiary must keep all sub-project deliverables and documents for up to five years from the end of the project.



Internal communication

Each of the teams selected to join the programme must nominate a primary contact point that will act as a coordinator during the duration of the programme.

- ☐ Provide any notice in writing to the NGI Sargasso programme coordinator.
- ☐ Notify immediately of any change of persons or contact details to the NGI Sargasso coordinator. The address list shall be accessible to all concerned.

External communication and open data

Each funded organisation will be publicly listed at NGI Sargasso public channels like social networks or website. The funding disbursed by the NGI Sargasso consortium to each of the beneficiaries will be made public under a dataset that will be uploaded into an open and free repository as it is Zenodo.



ANNEX

Application Form

Legal and contact INFO

Proposing organization(s) - EU

Applicant

Contact information

- Last Name *:
- First Name *:
- E-mail *:

Organization

- Organization legal name *:
- Organization short name *:
- Type of organization *:
 - ☐ University
 - ☐ Research centre
 - ☐ NGOs
 - ☐ Foundation
 - ☐ SME/Startup
 - ☐ Other (complete)
- City/Town*:
- Region/Province*:
- Country*:
- Phone number*:
- Organization Website*:
- VAT number*:
- PIC number*:

Project

Alignment

- Project Name*:
- Project Acronym*:
- Tagline*: *[Describe the project you would like to develop within the NGI Sargasso Support Programme in one sentence (max 300 characters)]* → *This description will be made public if you are selected.*
- Brief description*: *[Tell us more about the project you would like to develop within the NGI Sargasso Support Programme (max 500 characters)]*
- Challenges addressed*: *[Choose at least one of the following challenges]*
 - ☐ Advance interoperability testing of technical conformity and/or compatibility between trust frameworks.
 - ☐ Test issuing and verification services and infrastructures between jurisdictions.



- ☐ Test the interoperability of digital wallet solutions, including testing EBSI wallet framework interoperability with Canadian digital credential technologies.
- ☐ Develop and test an approach for decentralised trusted data registries.
- Expected results: *[Please explain briefly the results you expect to achieve with your Project max 500 characters]*
- Team behind the project*: *[Please provide a brief overview of the staff who will be involved in the project, including their relevant experience in Digital Credentials or other competencies required for the project (max 2 000 characters)]*
- Considering the call under which the Canadian side operates "[Digitization and cybersecurity](#)", explain what activities you would like to develop with a Canadian entity.

Excellence

1. Objective*:

How does your project aim to address the challenges of interoperability and reliable data registries in the context of digital credentials, and what specific objectives does it have? (Max 1000 characters)

2. Solution*:

What is the proposed project solution and how do you intend to address the challenges selected above? (Max 1000 characters)

3. Innovation of your project*:

What makes your project innovative and how does it differ from existing solutions that address similar challenges in the field of digital credentials? (Max 1000 characters)

4. Appropriateness of the solution to sort the problem presented*:

How does the proposed solution effectively address the specific challenges outlined in the "Digitization and cybersecurity" callout, and why is it considered appropriate for the problem at hand? (Max 1000 characters)

Impact

1. Enhancing Core Technologies for Digital Credential*:

How does the proposed project enhance core technologies related to digital credentials, and what specific advancements does it introduce to improve their effectiveness and efficiency? (Max 1000 characters)

2. Scale-up and exploitation potential of the solution*:

What is the potential for scale-up and exploitation of the proposed solution in the field of digital credentials, and how does it enable the solution to be implemented on a broader scale for maximum impact?

3. Communication: This activity refers to the communication of the organization's participation in the NGI Sargasso project to relevant communities and the general public. It involves creating a strategy to ensure that the project's outcomes and impacts reach the intended audience through various channels, such as social media, website, press releases, newsletters, and events*:

Please select one or more of the communication strategies listed above that your organization plans to use for sharing its participation in NGI Sargasso.



- ☐ Social Media: The beneficiary will utilize various social media platforms (e.g., Twitter, Facebook, LinkedIn, etc.) to share updates and news about their participation in NGI Sargasso.
- ☐ Newsletter: The beneficiary will send out regular newsletters to their mailing list to keep them informed about their participation in NGI Sargasso.
- ☐ Conferences and events: The beneficiary will attend relevant conferences and events to promote their participation in NGI Sargasso and network with other relevant stakeholders.
- ☐ Press releases: The beneficiary will issue press releases to relevant media outlets to announce their participation in NGI Sargasso and share updates about their progress.
- ☐ Website updates: The beneficiary will regularly update their website to include information about their participation in NGI Sargasso and share updates with their online community.
- ☐ Others

3.1 Can you give some additional examples of communication strategies that you have in mind? *(Max 1000 characters)*

4. Dissemination: Dissemination of project results involves sharing the outcomes and findings of the project with the relevant stakeholders and the general public. This process helps to maximize the impact of the project and increase awareness of its outcomes, and may involve various strategies such as publications, conferences, social media, and other forms of communication. The aim is to ensure that the project's results reach as wide an audience as possible and can be used to inform future research and decision-making*:

Please select the dissemination strategies that your organization plans to use to share the project results with the relevant community and the general public.

- ☐ Presenting the results at conferences and workshops.
- ☐ Publishing research papers in academic journals and industry publications.
- ☐ Organizing webinars and online events.
- ☐ Creating informative and engaging videos for social media platforms.
- ☐ Collaborating with influencers and opinion leaders in the relevant field to promote the project results.
- ☐ Participating in interviews with media outlets.
- ☐ Hosting demos and showcasing the project outputs to stakeholders.
- ☐ Improve or create an open-source repository.
- ☐ Other

4.1 Can you give some additional examples of dissemination strategies that you have in mind? *(Max 1000 characters)*

2. Please confirm that you agree to collaborate with NGI Sargasso in its transversal Dissemination & Communication activities (i.e., participating in interviews, providing materials for articles and publications, etc)*: Yes/No

Other

Where did you get to know us?

- ☐ Through the partners. Which one?
- ☐ Through social media. Which one?
- ☐ At an event Which one?



- ☐ Through mailing
- ☐ Through NGI channels
- ☐ Other

Privacy policy

By submitting this form, you agree and confirm the following:

- We have read, understood, and will comply with the open call details and requirements stated in the Guidelines for applicants.
- All information provided in the NGI Sargasso application submitted by our entity is correct and complete.
- Our company is not in any situation, which would exclude us from receiving financial support for third parties.
- Our company is not under liquidation or in financial difficulty.
- Our company is not subject to a conflict of interest in connection with the cascade funding.
- We will inform the NGI Sargasso consortium, without delay, of any situation considered a conflict of interest or which could raise a conflict of interest.
- We will process any personal data in compliance with the applicable EU and national law on data protection.

