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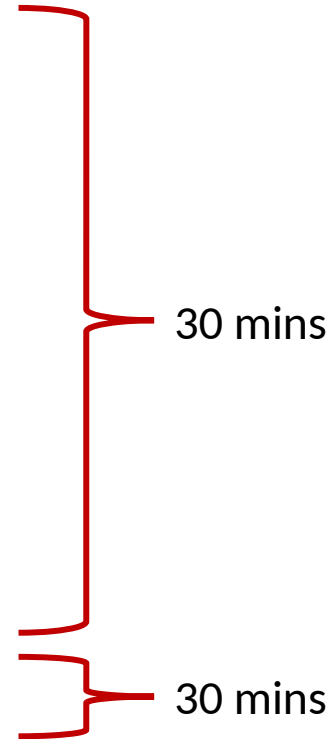
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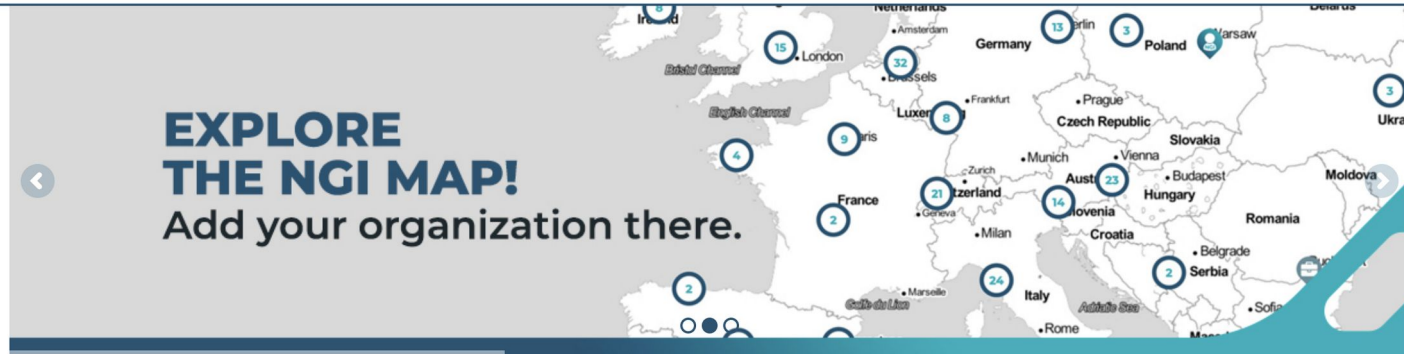
NGI Search Open Call 1 Webinar

Use chat for questions until the Q&A
Please mute yourselves

AGENDA

- Welcome
- Scope of the 1st Open Call
 - Topics of the 1st Open Call
- What do you get out?
 - 10 Value added services
- Rules of the 1st Open Call
- Q/A





NGI SOLUTIONS

All Solutions



<https://www.ngi.eu/>



<https://pointer.ngi.eu/>

NGI Search (ngisearch.eu)

- Scout and run **5 Open Calls** to find and select talented researchers, innovators and activists working in search and discovery within a human-centric context.
- Support and mentor the selected candidates over a **12-month custom programme using 10 value-added services**
- Integrate them into the **NGI community**, in particular the sister RIA on infrastructure, as well as communicate and disseminate their results.
- Synergise with **national, regional and international initiatives** to establish a peer-based system of quality and dissemination at the global level.

Total budget: 8.5 MEUR

Duration: Sept. 2022 – Aug. 2025

80% FSTP: 6.8MEUR over 5 open calls (50-150kEUR per OC project)

<https://www.ngisearch.eu/>



Topics

- Intelligent Voice Based Assistants
- Natural Language Processing
- Semantic Analysis
- Social computing
- Data visualization
- New ways of discovering and accesing information

Topic #1: Intelligent Voice Based Assistants

- Make them context-aware and change their answer depending on: device to which a human is speaking to, the time, the place. This requires time-sensitivity, geolocational awareness and integration with other real-time metrics.
- Mixed modal interactions: input and output are not only voice but also images or sounds
- Privacy concerns: when searches are done in public, the response should keep ones privacy

Topic #2: Natural Language Processing

(NLP) methods are widely in use. The majority of search engines use the huge amounts of previously accumulated user requests for predicting the search output without taking into account the user's intention. Model complexity of the current state-of-the-art models is increasing and implies the use of great amounts of energy for computation.

Simpler and more sustainable NLP research and practices

- Edge/Tiny computing for NLP
- Federated NLP
- Social Media data

Topic #3: Semantic analysis

Semantic data integration generates a common representation of concepts and their relations, aiding in the integration of heterogeneous data. Information about a subject or topic might be spread across different data sources so there exists the need for the integration of the knowledge.

- Search dynamic relations between concepts
- Federated query processing for large-scale heterogeneous data

Topic #4: Social computing

Social computing are the systems that support the gathering, representation, processing, use, and dissemination of information that is distributed across social collectivities.

The interaction between social behaviour and technologies needs to be addressed in order to reach substantial changes in the behaviour of the adopters. The implementation of edge social computing by means of context-aware learning, collaborative learning and other proposals in this direction are encouraged.

Topic #5: Data visualization

Data visualization has attracted much attention recently, calling for joint actions in different research fields such as information visualization, human-computer interaction, machine learning, data management and mining, and computer graphics. We seek interactive tools and mechanisms that allow visualizations for machine learning / query results that can provide user recommendations and support user-driven actions (all kinds of scalable and efficient solutions)

- Visually-driven analysis of spatio-temporal, textual and other kinds of data
- Progressive visualizations (in batches)

Topic #6: New ways of discovering and accessing information

Due to the rapid development of the IoT and the variability and volume of data sources, mechanisms for searching and integrating data are essential to leverage all relevant knowledge for improving processes and services.

New ways of discovering information need to be created in the form of platforms and products that deal algorithmically with data. The integration of data-driven machine learning with human knowledge can effectively lead to explainable AI that would provide us ways to discover and access information where only raw data is present.

A possible challenge is to develop new algorithms and methodologies to discover and access information by combining Big Data technologies.

Your Benefits

MULTIPLE BENEFITS FOR YOUR PROJECT

**Open Call
from 1 Dec.
2022 to 1 Feb.
2023**

**Get funded
up to
€150,000
to innovate**

**Ten services
provided
during one
year**

Added-Value Services (Technical)

- (I) *Technology mentoring and advice* — **UMU** will provide mentoring sessions based on the needs of the projects and that will serve to refine the functionalities to be developed. This includes advice on technologies for storing, managing and accessing data, advice on tools, infrastructures, platforms and software according to the size and goals of the project, suggestions on the algorithms that need to be programmed as baseline and on the strategies to achieve novel results.
- (II) *Beta testing* — **OW2** will leverage its ReachOut beta-testing platform to support NGI-Search beneficiaries with its expertise and will support them during the whole process of preparing and implementing their beta-testing campaigns.
- (III) *Link to Standards and Foundations* — **OW2**/UMU will help identify potential standards and other outlets for the projects, and provide general advice on approaching these bodies and make introductions. LKN will also identify projects active in the NGI Surveyors' field . Many open source foundations may be contacted, such as Eclipse Foundation, OSI (Open Source Initiative), FSFE (Foundation for Free Software Europe), Open Forum Europe (OFE), Open Infrastructure Foundation, (OIF), etc., of which most are already OW2 Associate Organizations.

Added-Value Services (Business)

- (IV) *Market Readiness* — **OW2** provides a Market Readiness Programme that facilitates adoption of open source by mainstream decision-makers. With its Market Readiness Levels (MRL) methodology, OW2 provides a unique analysis of open source project market potential that facilitates their adoption by mainstream decision makers. MRL helps NGI Search FSTP projects improve their competitiveness through best practices, quality metrics and market alignment analysis. The estimated timeframe needed for one project to implement MRL goes approximately from one to four weeks.
- (V) *Pitch training* — **FBA** will run Pitch Training workshops to each group of Open Call winners, to learn how to better pitch their solution to potential end-users and investors.
- (VI) *Business modeling and coaching* - **AU** has extensive experience in developing business models for NGI type of projects focussing on open source, trust and privacy as core values. Projects will be offered tailored business model advice and coaching sessions.

Added-Value Services (Innovation)

- (VII) *Open source licensing* — **OW2** will provide guidance in the selection and management of open source licenses. While the license selection belongs to the NGI Search projects, OW2 will set-up a specialised discussion channel and organise three annual dedicated workshops in the framework of OW2con to address trends in open source licenses and discuss license compliance issues and licensing options.
- (VIII) *Market landscaping and research* — **LKN** will provide online services based on Linknovate.com for innovation scouting and monitoring: unlimited access to Linknovate.com to the selected NGI Search projects during the programme.
- (IX) *open science advice* — **UMU** will provide appropriate open science practices mentoring to the projects, best practices on reproducible research and open research data philosophy in general (transparency, sharing, collaboration), including the promotion of inclusion and exchange of knowledge within diverse and traditionally underrepresented groups.
- (X) *Content creation support for marketing materials* — **FBC** (affiliated entity of FBA) will assist NGI Surveyors to jointly produce content with the consortium in order to showcase their project results in line with WP4.

1st Open Call basic rules

Open call benefits:

- Joining the NGI SEARCH Support Programme with a duration of up to 12 months
- Receiving funding of up to €50,000 if the applicant is a natural person applying on their behalf, or up to €150,000 if the applicant is applying as an organisation.
- Option to receive Technical, Business and Innovation mentoring provided by the NGI Search project partners

Eligibility criteria

- We are calling for
- for individual or organisations looking to change the way users search and discovery on the internet with the European values of openness, transparency, privacy and trust in mind.
- Both natural persons and organisations
- We also accept consortia of natural persons, consortia of organisations or consortia of natural persons and organisations. The limit is 3 members per team

4 stages of Evaluation Process

- 1) Eligibility Check
- 2) Minimum Quality Criteria
- 3) External Evaluation
- 4) Consensus Meeting

...And finally the Sub-Grant Agreement signing, when and if you get selected.

Call submission

Sign up for a FundingBox ID

Email

First name

Last name

Username

Password

I want to receive updates by email about funding opportunities and events

Sign up

Your FundingBox ID information is used to allow you to sign in securely and access your data. FundingBox records certain usage data for security, support, and reporting purposes. Click "Sign up" above to accept our [Privacy Policy](#) and [Terms of Service](#)

Already have a FundingBox ID? [Sign in](#)

Your applications to NGI Search 1st Open Call

Here you will find the applications you have started or submitted. Make sure you submit your applications before the deadline in 2 months.

Start a new application

 Built with FundingBox Enterprise | [Legal](#) | [Manage your cookies](#)

Call submission

+ Add a contributor

★ 1	LEGAL AND CONTACT INFO*	Fill
★ 2	PROJECT*	Fill
★ 3	EXCELLENCE*	Fill
★ 4	IMPACT*	Fill
★ 5	IMPLEMENTATION*	Fill
★ 6	STATISTICAL SECTION*	Fill
★ 7	DECLARATION OF HONOUR*	Fill
★ 8	PROCESSING OF PERSONAL DATA*	Fill

★ Required sections. Fill in all marked sections to submit the application.

Export this application as PDF

Go to the community

Delete this application

- The application process is fully online
- You can save your application (in draft) and come back later at your own time
- There is no need to process any paperwork (until are selected)
- The application can be exported as a .pdf but only before the submission
- We've also prepared the “*Instructions*”, available on the Open Call site, where you have all the steps of the process listed

IMPORTANT note: You can submit only **one proposal!**

You are ready to submit your application

Submit now

Export this application as PDF

Go to the community

Delete this application



Call submission



Contributor

There is an option to **add contributors** on the application submission page



Mind the deadline

Make sure you submit your application **BEFORE** the deadline.



Fill all the fields

Submitting your application is available only after all the **red star** marked sections are **correctly** filled out.



The first proposal

Only **the first proposal** which has been submitted in order of time, will be evaluated.



Edit it

You can always edit all the fields **until the deadline**, even after the submission.



- **Help needed?**
- Write us at ngisearch@fundingbox.com
- Official **Open Call Helpdesk** is open <https://spaces.fundingbox.com/spaces/the-next-generation-internet-ngi-community-ngi-search>
- Feel free to **raise your questions there**, project partners will get back to you in no time.

Some more **IMPORTANT** notes

Conflict of Interest

MQC and Scope:

MUST: Open Source (minimum open core) development and real working code that is in a deployable state

AND, minimum one out of three:

- 1) Provide real demonstrations either as research demonstrators showcasing novel concepts; minimum viable products showcasing a potential business; and/or community projects that are in a deployable state.
- 2) Contributions to standards and larger communities that are already working on solutions or have a solid track record in the community;
- 3) Collaboration between entrepreneurs, tech-geeks, developers, socially engaged people and so on on deep technology to provide a foundation towards entering the market as a standard, open source project and/or commercial service.

SCOPE: relate back to the call.

<https://www.ngisearch.eu/view/Main/Introduction>

<https://ngi-search-open-call.fundingbox.com/>

Thanks

Call closes 1/2/23 1700CET

Q/A (put up your hand, please)

Further Questions: ngi-search@ow2.org



This project has received funding from the European Union's Horizon research and innovation programme under the grant agreement 101069364