

NGI

DISCOVER THE NEXT GENERATION INTERNET

Latest update:

October 2024



**A GROWING
COMMUNITY
AT WORK
TO BUILD
AN INTERNET
OF TRUST
FOR ALL**

NGI AT A GLANCE

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 Trust. 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 Europe.

Restoring trust

CHALLENGES

- Protect personal data
- Ensure privacy and security
- Combat disinformation online
- Guarantee access and freedom of choice
- Respect fundamentals rights
- Enforce ethics and sustainability by design



NGI

INTERNET OF HUMANS

1000 +

INNOVATIONS



[NGI.EU/DISCOVER-NGI-SOLUTIONS](https://ngi.eu/discover-ngi-solutions)



The Next Generation Internet
is a **European Commission** initiative.

SUPPORTING INTERNET INNOVATION - AN ECOSYSTEM APPROACH

The NGI is providing funding to support innovators including individual researchers, developers, start-ups and SMEs and an ecosystem for efforts to flourish and grow contributing to Europe technological sovereignty

- **NGI Research and Innovation Actions** are acting as intermediaries: 20% of their budget is dedicated to select, monitor, mentor, train and build the community; 80% to fund individual projects among 3rd party individuals and/or organisations
- **NGI Coordination and Support Actions** are at work to ensure synergies across all stakeholders, with a focus on:
 - Outreach, community building, business acceleration
 - Policy and strategic programming
 - EU-US/CANADA collaboration

RESEARCH AND INNOVATION ACTIONS

Timeframe: **2022 - 2027** Total budget for projects: **~€80m**



TRANSOCEANIC



SEARCH



ASSURE



OPENWEBSEARCH.EU



SARGASSO



TRUST
CHAIN



TRUBLO



ZERO
COMMONS



ZERO
CORE



ZERO
REVIEW



ZERO
ENTRUST



ZERO
COMMONS

NGI PILOTS - INNOVATION ACTIONS

- **Timeframe: 2024 - 2027**
- **Several Open Calls for 3rd Party Projects will be run**



COORDINATION AND SUPPORT ACTIONS



- The **NGI4ALL.E project** oversees communication and community building at the service of the whole NGI initiative
- It leads and operates the **NGI Outreach Office** in charge of coordinating communication, dissemination and marketing activities for the NGI initiative across Europe and beyond.

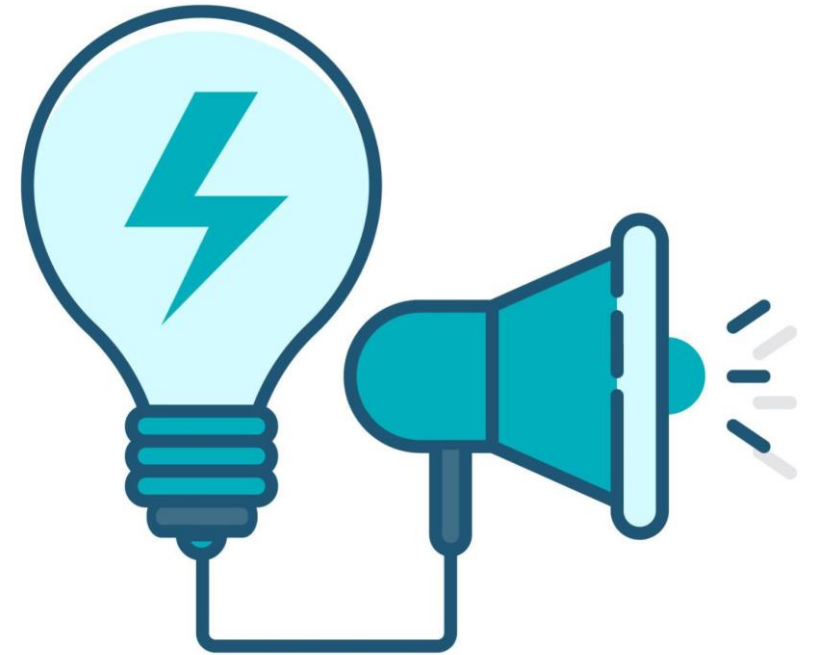


- **NGI ENRICHERS** reinforces EU-US-Canada
- It supports European NGI researchers and innovators to spend 3-6 months in the US or Canada to work and collaborate with US and Canadian hosts to promote knowledge-sharing and establish long-term collaborations on NGI technologies, services, and standards



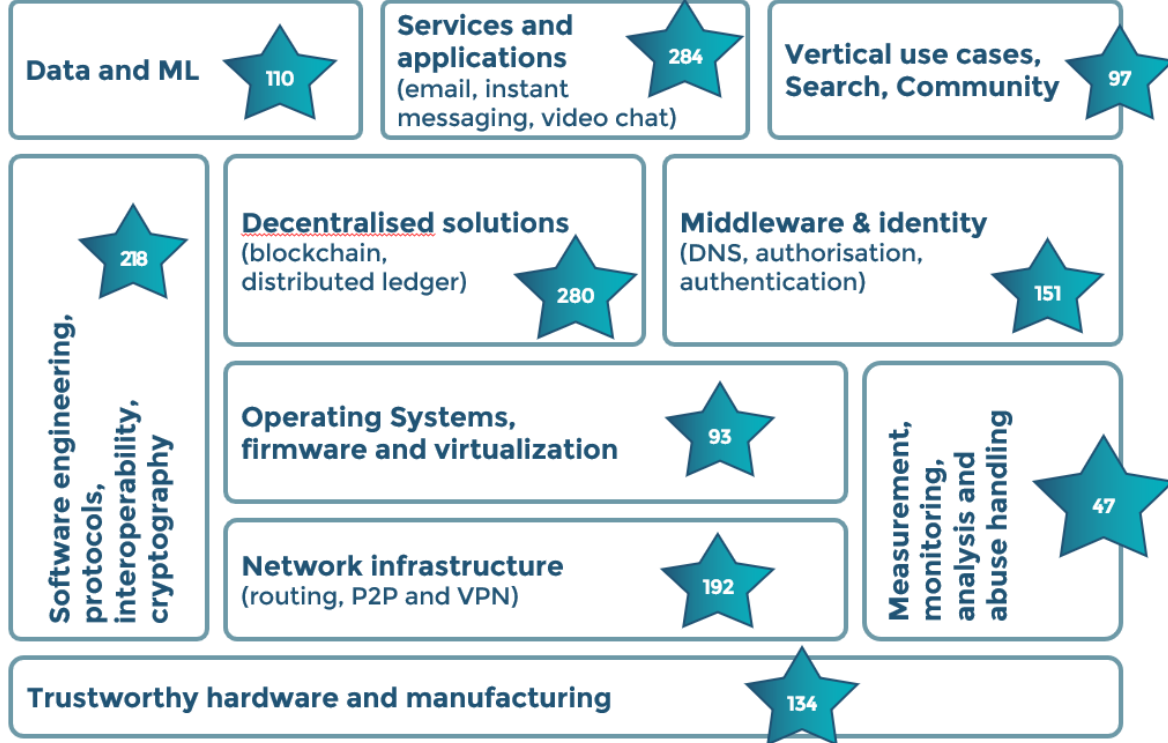
- The **NGI4 Commons** has the main ambition to help relevant NGI efforts to integrate and align with national and European digital commons policies.
- It aims to elaborate on a long-term strategy for Internet Commons, which are critical for sovereignty and trust, helping to overcome fragmentation and close the gap between grassroots commoners' initiatives and top-down sovereignty policies.

THE NGI OFFERING



[NGI.EU/DISCOVER-NGI-SOLUTIONS](https://ngi.eu/discover-ngi-solutions)

Discover NGI Innovations



NEXT
GENERATION
INTERNET
INTERNET OF HUMANS

1228
Number of
NGI solutions



NGI SOLUTIONS CATALOGUE

So far, the NGI has funded more than 1000 innovators with inclusive and trust-based complementary technology building blocks.

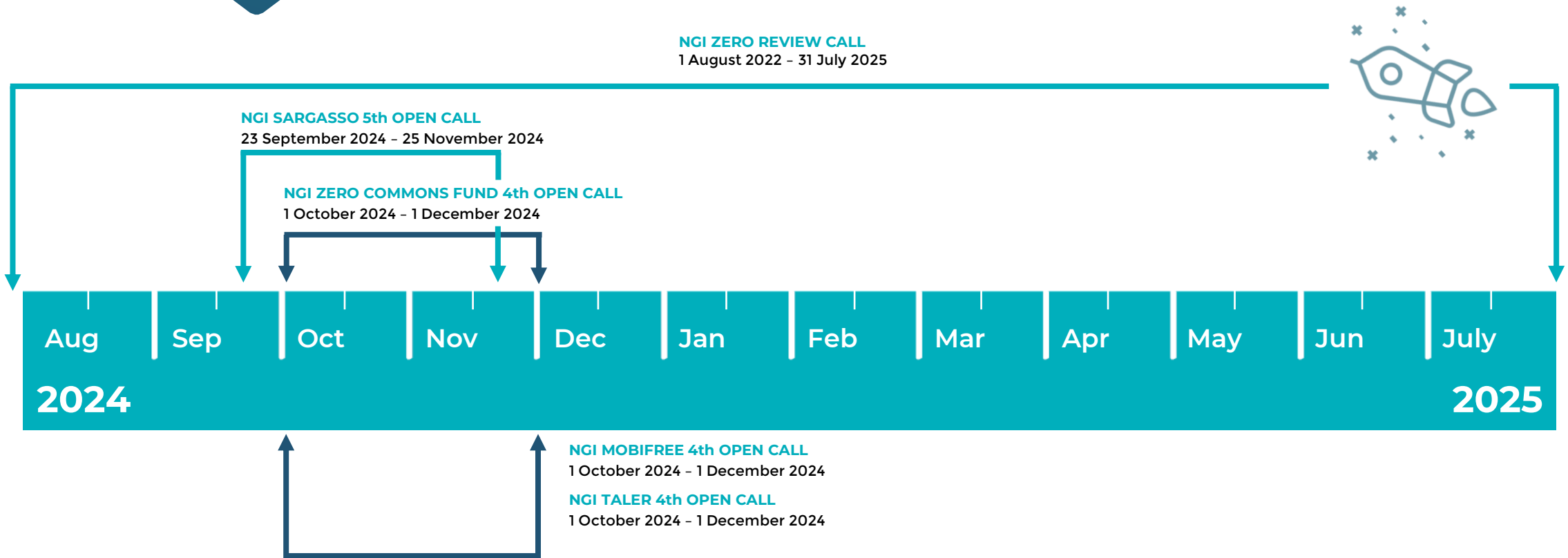
[NGI.EU/DISCOVER-NGI-SOLUTIONS](https://ngi.eu/discover-ngi-solutions)



**JOIN US AND
GET FUNDED!**

[NGI.EU/OPENCALLS](https://ngi.eu/opencalls)

TIMELINE OF NGI OPEN CALLS 2024



NGI TRUSTCHAIN

Fostering a Human-Centered, Trustworthy and Sustainable Internet

- Total budget for funding third-party projects 2023-2025:
→ **€8.8m**
- Through its five **Open Calls**, **TrustChain** aims to support top Internet innovators (academies and high-tech companies) focusing on topics such as:
 - Decentralized digital identity
 - User privacy and data governance
 - Economics and democracy
 - Multi chains support for NGI protocols
 - Green scalable and sustainable DLTs
- **Start date:** 1 January 2023| **End date:** 31 December 2025



trustchain.ngi.eu

NGI ZERO CORE

A greener, more secure and resilient global Internet

- Total budget for projects 2022-2025:
→ **€8.8m**
- It aims to support troubleshooters that help society tackle the ossification of the internet and other hard but very very important challenges, each of which has significant social and economic consequences. It looks for new ideas and disruptive core technologies, while at the same time evolving technologies that are still future-proof. It works towards better technologies to restore and maintain European sovereignty and to secure democratic ownership of the digital society.
- **NGI Zero** actively works towards **digital commons and trustworthy** technological building blocks for the next generation of the internet.
- **Start date:** 1 January 2023| **End date:** 31 December 2025



<https://nl.net.nl/core/>

NGI SEARCH

Next Generation Internet Discovery and Search

- Total budget for projects 2022-2025:
→ **€8.5m**
- The vision of the NGI Search project is to change the way we use and experience search & discover data and resources in general on the internet and on the web. This includes:
 - A new voice and image-based user interfaces for searching and representing data.
 - Heterogeneous data sources include IoT, semantic data, multimedia, social media and traditional websites.
 - New ML and NLP methodologies in a generic context.
 - Specific use cases such as industry 4.0, health, social media, etc.
- NGI Search aims to run **five Open Calls** and distribute **up to 150,000 €** to each project, with the support of a dedicated team, an Advisory Board and 10 added-value services.
- **5 open calls**
- **Start date:** 1 September 2022 | **End date:** 31 August 2025



ngisearch.eu

NGI OPENWEBSEARCH.EU

Shaping the web search of the future

- Total budget for projects 2022-2025:
→ **€8.5m**
- It aims to create an open European infrastructure for internet search based on European values and jurisdiction, contributing to Europe's digital sovereignty as well as promote an open human-centred search engine market.
- It aims to develop the core of a European Open Web Index (OWI) as a basis for a new Internet Search in Europe. In addition, it aims to set the foundation for an open and extensible European open Web Search and Analysis Infrastructure (OWSAI), based on Europe's values, principles, legislation and standards.

Start date: 1 September 2022 | **End date:** 31 August 2025



openwebsearch.eu

NGI ENRICHERS

Next Generation Internet Transatlantic

- Total budget for projects 2022-2025:
→ €2m
- It aims to reinforce EU-US-Canada cooperation in the area of Next Generation Internet. It fosters increased inclusiveness, by supporting a human-centered approach to technology development that is aligned with European social and ethical values, as well as sustainability.
- The NGI Enrichers program supports European NGI researchers and innovators to spend 3-6 months in the US or Canada to work and collaborate with US and Canadian hosts to promote knowledge-sharing and establish long-term collaborations on NGI technologies, services, and standards. The program provides travel funding, allowance, and visa for visiting fellows from Europe and supports both fellows and their hosts with boot camps, mentors, visibility, community building and more!

5 open calls

- **Start date:** 1 September 2022| **End date:** 31 August 2025



ENRICHERS
TRANSATLANTIC

enrichers.ngi.eu

NGI ZERO REVIEW

Supporting quality and maturity of digital commons

- Total budget for projects 2022-2025:
→ €1.5m
- NGI Zero Review is a three year support programme offering various targeted services to free and open source projects within the [Next Generation Internet](#) initiative.
- **Start date:** 1 August 2022| **End date:** 31 July 2025



nlnet.nl/NGI0/review

NGI ZERO ENTRUST

Privacy and trust enhancing technologies

- Total budget for projects 2022-2025:
→ **€9.6m**
- It aims to finance and support projects that work towards better technologies to restore and maintain European sovereignty and to secure democratic ownership of the digital society.
- Projects focus on create a virtuous cycle of innovation through free and open source software, libre hardware and open standards.
- **Start date:** 1 August 2022 | **End date:** 31 July 2025



nl.net.nl/entrust

COORDINATION AND SUPPORT ACTIONS

Growing a sustainable and inclusive ecosystem

- The **NGI4ALL.E** project is in charge of communication and community building at the service of the whole NGI initiative
- NGI4ALL.E aims to support NGI communication, marketing, and community building, helping engage a diverse community of stakeholders, spanning from researchers and innovators to policymakers and end-users.
- It leads and operates the **NGI Outreach Office** in charge of coordinating communication, dissemination and marketing activities for the NGI initiative across Europe and beyond.
- It voices the NGI community and promotes its work to maximise its impact.



Start date: 1 July 2022 | **End date:** 31 June 2025

COORDINATION AND SUPPORT ACTIONS

OPEN SOURCE AND INTERNET COMMONS FOR EUROPE'S DIGITAL SOVEREIGNTY

- **The NGI Commons project** main ambition is to help relevant NGI efforts to integrate and align with national and European digital commons policies.
- The project seeks to elaborate on a long-term strategy for Internet Commons, which are critical for sovereignty and trust, helping to overcome fragmentation and close the gap between grassroots commoners' initiatives and top-down sovereignty policies.



Start date: 1 January 2024 | **End date:** 31 December 2026

commons.ngi.eu



[COMMUNITY.NGI.EU](https://community.ngi.eu)

JOIN THE **NGI**
COMMUNITY

STAY UP TO DATE AND GET INVOLVED!

 ngi.eu

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THANK YOU!

