NGI

DISCOVER THE NEXT GENERATION INTERNET

Latest update:

February 2025

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

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NGI AT A GLANCE

The Next Generation Internet (NGI) is a European Commission initiative launched about 9 years ago. NGI aims to shape the development of the internet to ensure it serves people and societies rather than solely commercial interests of a few, focusing on areas like privacy, trust, search and discovery, and decentralized architectures.

RESTORING TRUST MAIN CHALLENGES

⇢ Protect personal data

⇢ Ensure privacy and security

⇢ Combat disinformation online

⇢ Guarantee access and freedom of choice

⇢ Respect fundamentals human rights

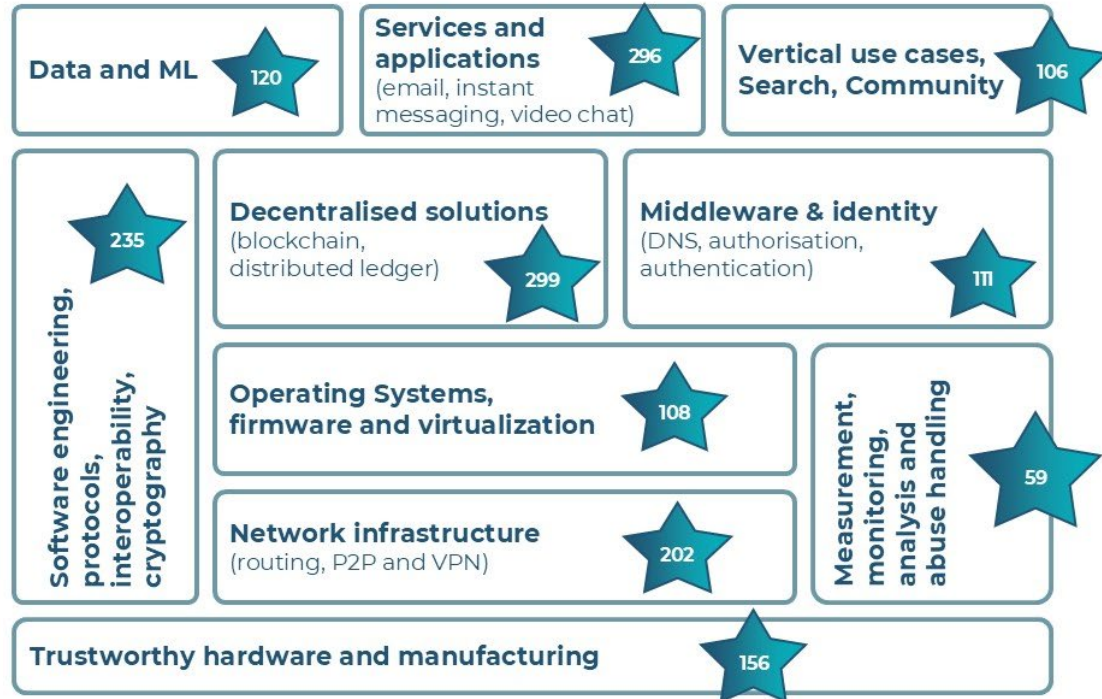⇢ Enforce ethics and sustainability by design

Discover NGI Innovations

Data and ML **120**

Services and applications (email, instant messaging, video chat) **296**

Vertical use cases, Search, Community **106**

Software engineering, protocols, interoperability, cryptography **235**

Decentralised solutions (blockchain, distributed ledger) **299**

Middleware & identity (DNS, authorisation, authentication) **111**

Operating Systems, firmware and virtualization **108**

Measurement, monitoring, analysis and abuse handling **59**

Network infrastructure (routing, P2P and VPN) **202**

Trustworthy hardware and manufacturing **156**

1342 Number of NGI solutions

NEXT GENERATION INTERNET
INTERNET OF HUMANS

European Commission

NGI SOLUTIONS CATALOGUE

So far, the NGI has funded more than 1500 innovators with inclusive and trust-based complementary technology building blocks.

NGI.EU/DISCOVER-NGI-SOLUTIONS

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SUPPORTING INTERNET INNOVATION
-   AN ECOSYSTEM APPROACH

The NGI provides **funding** to support innovators including individual researchers, developers, start-ups and SMEs and grows an **ecosystem** for innovation efforts to flourish and grow contributing to **Europe technological autonomy.**

- **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% goes to funding individual projects among 3rd party individuals and/or organisations via Open Calls

- **NGI Innovation Actions / Pilots** make use of the rich portfolio of technologies and tools developed in the NGI, and apply them to real-life use cases with the goal of validating NGI human-centric solutions across value chains, as close as possible to operational conditions, engaging large user groups and proving their socio-economic potential.

- **NGI Coordination and Support Actions** are at work to ensure synergies across all stakeholders, with a focus on:

    ⇢ Outreach, community building, business acceleration, and international collaborations

    ⇢ Policy and strategic programming

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RESEARCH AND INNOVATION ACTIONS

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

NGI PILOTS - INNOVATION ACTIONS

- Timeframe: **2024 - 2027**

- **Several Open Calls for 3rd Party Projects will be run**

COORDINATION AND SUPPORT ACTIONS

NGI 4ALL.E

- **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 TRANSATLANTIC

- **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

NGI COMMONS

- **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 grassroot commoners' initiatives and top-down sovereignty policies.

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NGI Zero Commons Fund

ZERO COMMONS

Grant details:

- €5,000 - €50,000 per grant
- Total fund: €21.6 million
- Timeline: Through 2027

Core focus areas

- Software
- Hardware
- Standards
- Data & AI
- Science
- Education

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NGI Zero Commons Fund

Over 50 funded projects across technology spectrum, from infrastructure to end-user applications:

Development tools
- Land Code Editor
- Bubble-up (SQLite)
- PyCM Analysis
- Verilog-A Distiller

Social & collaboration
- ActivityPods 3.0
- Decidim Democracy
- Mobilizon Events
- Openki Education

Data & maps
- OpenStreetMap-NG
- Analytics Caddy
- Open Everything Fact
- Smart Semantic Data

Hardware & systems
- LibrePCB 2.0
- ZSWatch Smartwatch
- Garage Storage
- Slips Network Security

Communication tools
- Mustang Unified Comms
- Collabora Online Suite
- Slipshow Presentations
- EPE Print Media

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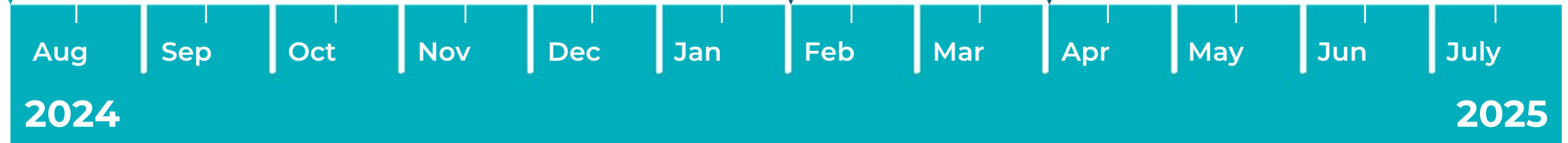**JOIN US AND GET FUNDED!**

NGI.EU/OPENCALLS

TIMELINE OF NGI OPEN CALLS

NGI ZERO REVIEW CALL
1 August 2022 – 31 July 2025

**NGI ZERO COMMONS FUND
6th Open Call**
1 February 2025 – 1 April 2025

NGI Taler 6th Open Call
1 February 2025 – 1 April 2025

Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	July

2024   **2025**

NGI Mobifree 6th Open Call
1 February 2025 – 1 April 2025

NGI Fediversity 4th Open Call
1 February 2025 – 1 April 2025

COMMUNITY.NGI.EU

JOIN THE **NGI**
COMMUNITY

STAY UP TO DATE AND GET INVOLVED!

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THANK YOU!