

NGI Zero: come work for the internet

Funding the Next Generation Internet

**Powered by the
European Commission Directorate-General
for Communications Networks
Content and Technology**



825322 / 825310



Internet New Years Event

2019-01-17

TODAY WE CREATE THE
INTERNET
OF TOMORROW



“From utopia to dystopia in just 29 short years”

“We demonstrated that the Web had failed instead of served humanity, as it was supposed to have done, and failed in many places. The increasing centralization of the Web ended up producing—with no deliberate action of the people who designed the platform—a large-scale emergent phenomenon which is anti-human.”

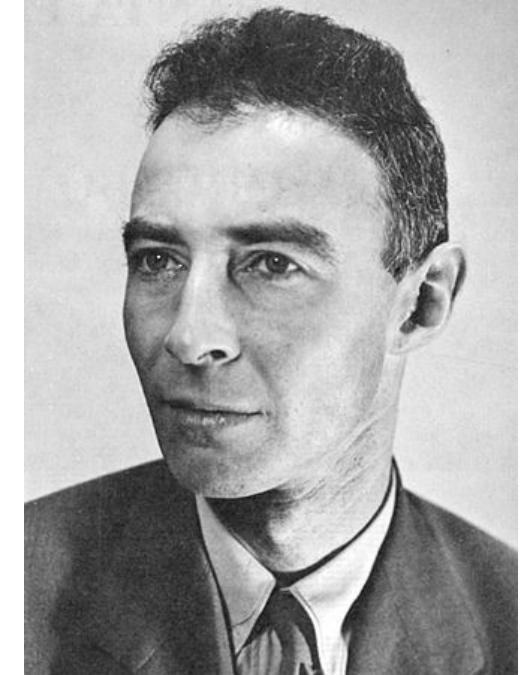


Tim Berners-Lee

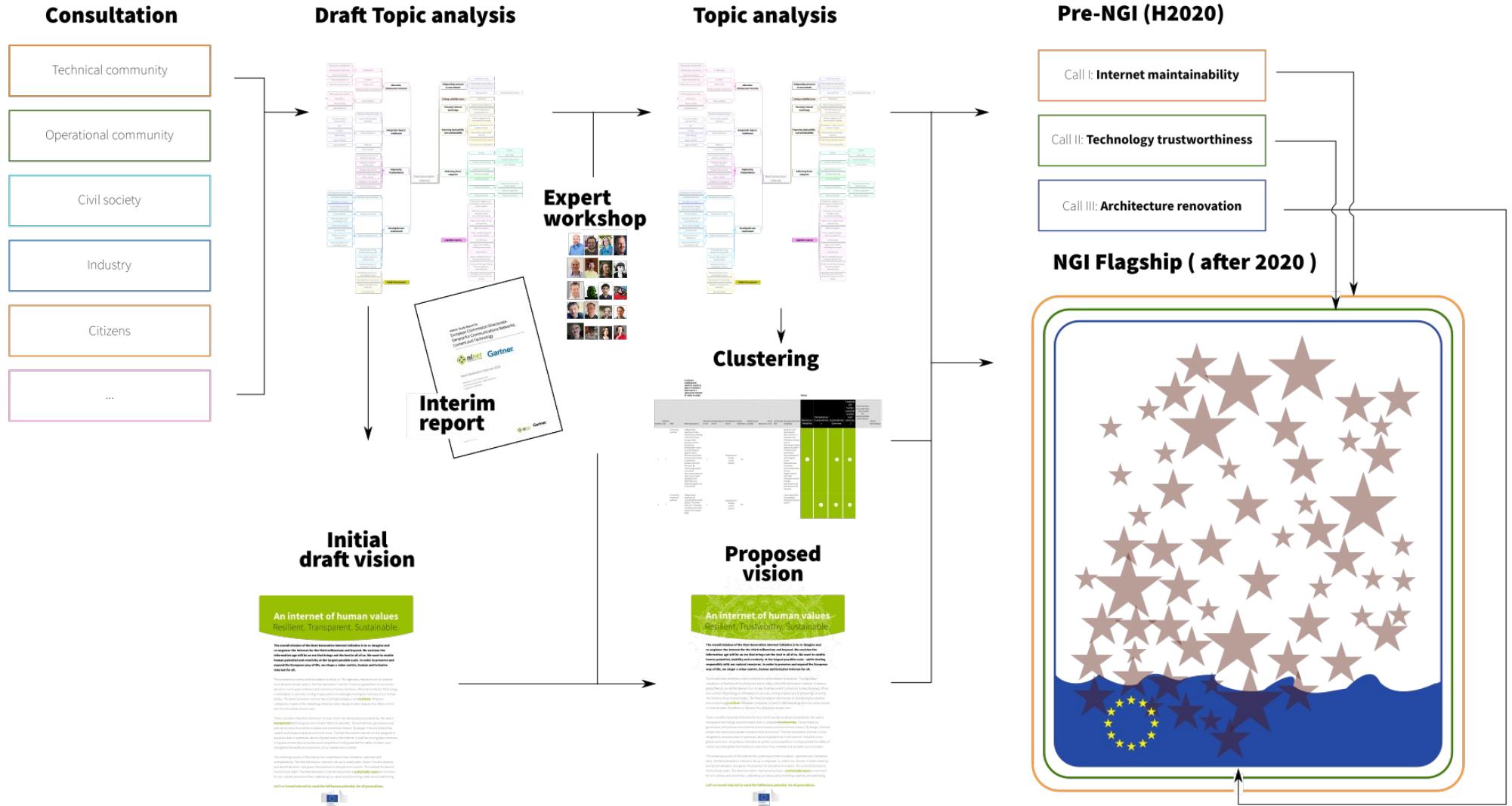
An engineering race with high stakes



Wernher von Braun



Robert Oppenheimer



NGI Vision

“The overall mission of the Next Generation Internet initiative is to re-imagine and re-engineer the Internet for the third millennium and beyond. **We envision the information age will be an era that brings out the best in all of us.** We want to enable human potential and creativity at the largest possible scale. In order to preserve and expand the European way of life, we shape a value-centric, human and inclusive Internet for all.”

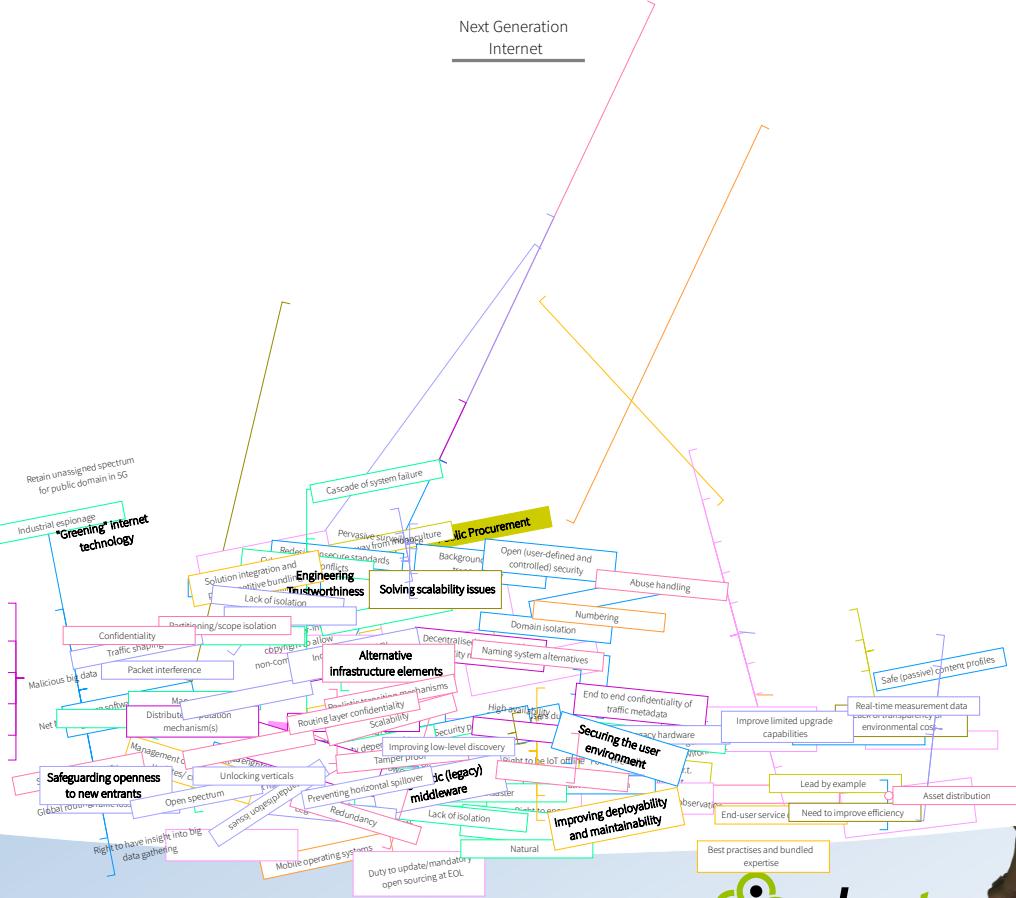
Read full text at <https://ngi.eu/vision>



NGI is a moonshot **++** effort

- The internet is the **largest** and **most pervasive** technical construct ever made by humans
- And we need to change it with 3.8+ billion people 'on board'.
- High political stakes. High economic stakes. Highly critical users. Overloaded with expectations. From everybody.
- Work consistent and forward-thinking. No time to lose.



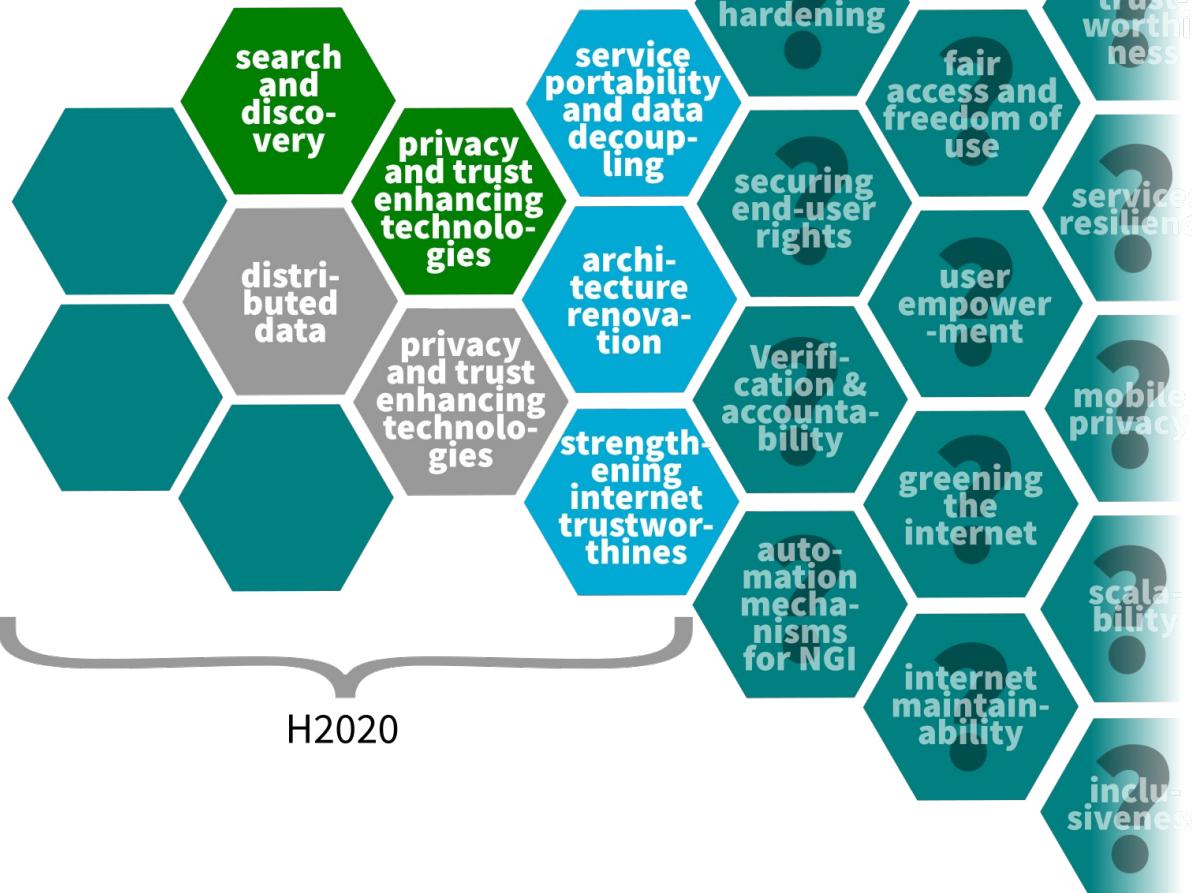


Facilitate incremental innovation as tech commons



'R&I Actions' should encourage, when relevant, **open source** software and **open hardware** design, access to **data**, **standardisation** activities, access to testing and operational infrastructure as well as an IPR regime ensuring lasting impact and **reusability** of results.

Next Generation Internet Research & Innovation actions





News

[EC publishes study on Next Generation Internet 2025](#)

2018/10/05

[Bob Goudriaan successor of Marc Gauw](#) 2017/10/12

[NLnet Labs' Jaap Akkerhuis inducted in Internet Hall of Fame](#)
2017/09/19

Apply for a grant

Next deadline: February 1st 2019 12:00 CET

This form can be used to request support for your project. Note that some larger funds like the [Discovery Fund](#) and the [Privacy & Trust Fund](#) have special and strict conditions, and you'd better have a look at them before you submit a proposal. Also note that releasing software, hardware and content under open licenses, and the application of open standards where possible are transversal requirements for all. From our end we will provide a transparent and fast selection process. Please check the call-specific guide for applicants for the call you are interested in.

Calls

Send in your ideas.
Deadline Feb 1st, 2018.

**HELP FUNDRAISING FOR THE
OPEN INTERNET
WITH FIVE MINUTES OF YOUR TIME**

Want to help but no money to spend? Help us by [protecting open source](#) and its users.



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the next generation internet initiative cordially invites you to

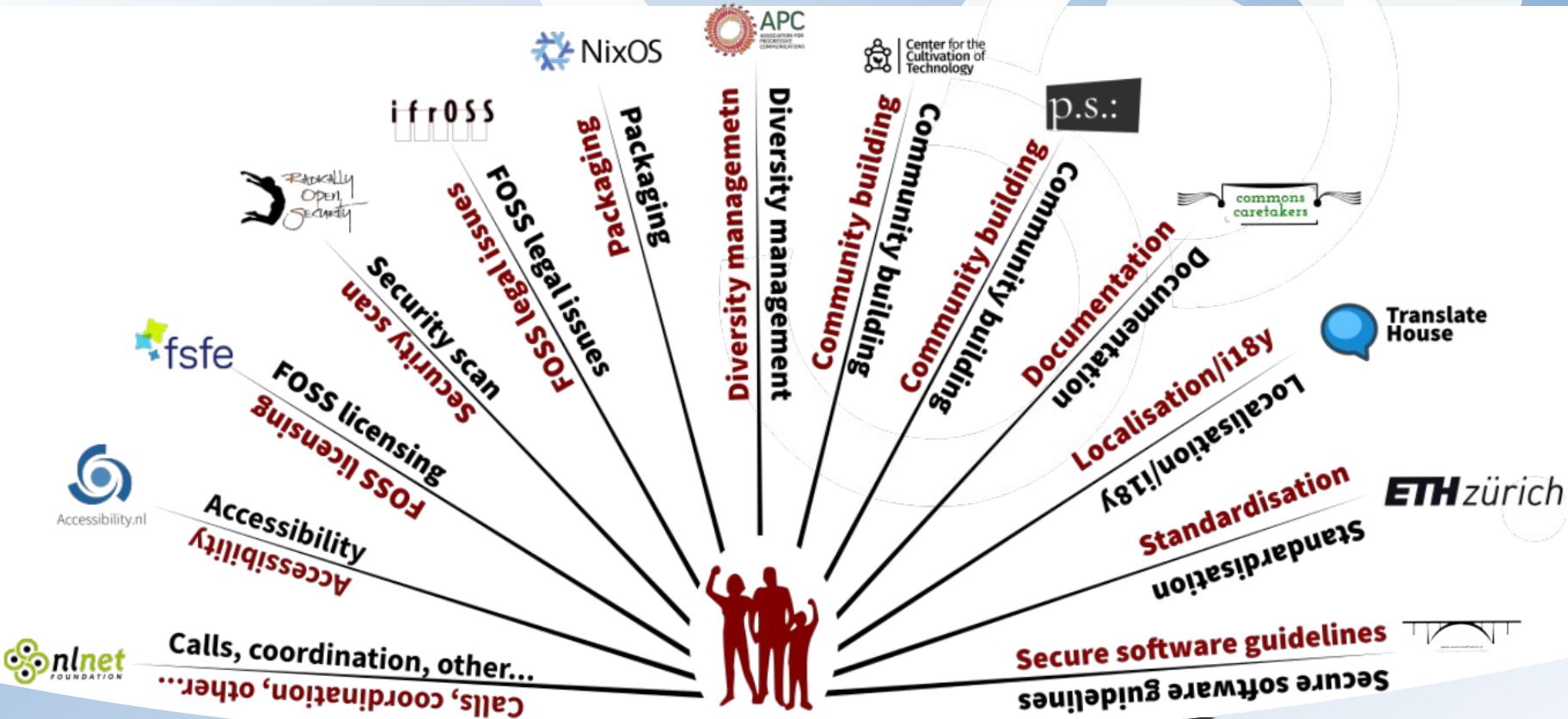
work for the internet

Full time and part-time paid and unpaid positions available.

- 👉 Work from home (or anywhere you like)
- 👉 Collaborate with people from all over the world
- 👉 Challenge your talents to the extreme
- 👉 Help save future generations



Project-centric



The larger ecosystem



RIPE NCC
RIPE NETWORK COORDINATION CENTRE



DIGITALEUROPE



GÉANT
Networks • Services • People



Internet
Society

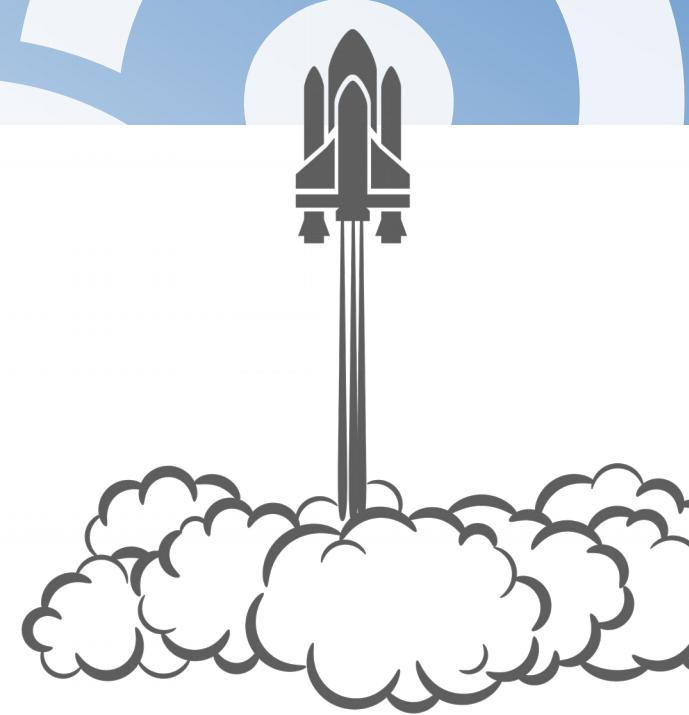


eco

Our approach

Design a light-weight and confidential application procedure providing adequate insight into technical capabilities as well as the urgency, relevance and relative cost effectiveness of the projects proposed at a low cost to the **applicants**.

Weight	Criterion
30%	Technical excellence/feasibility
40%	Relevance/Impact/Strategic potential
30%	Cost effectiveness/Value for money



Improve ideas where needed



.. we use a staged approach which identifies and amends missing or inadequate aspects of the proposals prior (and conditional) to the start of a project.

... and guide and support projects with essential QA and strategic aspects that require additional expertise



Be consistent in requirements and best practices

*Make sure every project delivers on **accessibility***

*Make sure projects can be **localised**/internationalised*

*Make sure **licensing** is compatible and all legal stuff is in order*

*Support with dealing with **standards** setting organisations*

*Provide a **responsible disclosure** procedure*

*Provide **documentation** for users/developers*



(continued)

Mentor with applying best practices in **secure software** development across all projects

Create a **reproducible** build environment and help design **automated tests**

Perform an early stage independent **security scan** of the project plan

Make software **available** early to allow for ‘many eyeballs’

Independent **security scan** of the actual outcomes

(continued)

- Liaise and mentor projects with interacting with **ecosystem** and **target groups**, e.g. technical and operational community, digital rights organisations, free software community, businesses, consumer organisations, end users
- Manage and support **diversity** and gender bias in the design phase

Privacy & Trust Enhancing Technologies



Privacy & Trust Enhancing Technologies

**Privacy isn't dead, but we
lack the right tools to protect
our intimacy**

Reliability, confidentiality, integrity and security should be the '**new normal**' of the internet, something ordinary users should not have to worry about.

Trust is one of the key drivers for the Next Generation Internet, and an adequate level of privacy is a non-negotiable requirement for that.

Next Generation Search & Discovery



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Internet New Years Event



2019-01-17

Next Generation Search & Discovery

**The pen may be mightier
than the sword, but how
does it fare against the
search button?**

Search should not be a gatekeeper, a black box or a privacy nightmare. If the internet is the equivalent of a global brain, we need creativity and diversity in the pathways across that brain to unlock its true potential. Search and discovery are basic human needs for humans of all ages, and we would like to put powerful new technology in the hands of future generations as building blocks for a fair and democratic society and an open economy that benefits all.

Key characteristics

search and disco- very

5.6 million euro
in small grants
between now and
2021

Competitive calls every
two months until the
budget is allocated.

Projects between 5k-50k

Walk the talk:

- Inclusion
- Security
- Localisation
- Open Standards
- Free & Open Source
- Deliver to deploy

privacy and trust enhancing technolo- gies

5.6 million euro
in small grants
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2021

The Team



Accessibility.nl



APC
ASSOCIATION FOR
PROGRESSIVE
COMMUNICATIONS



Center for the
Cultivation of
Technology



Everything we ever learned about grant management and maturing technology
comes together in NGI+.
The idea of great grant making is after all simple: it is not about the funder, but
about the fundees.

ETH zürich





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join us and help discover and shape the next generation internet
and claim your spot in human history

Full time and part-time paid and unpaid positions available.

Read all about it on

- 👉 <https://nlnet.nl/discovery>
- 👉 <https://nlnet.nl/PET>
- 👉 <https://ngi.eu>



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