Next Generation Internet

Partnership for innovative technological solutions to ensure privacy & enhance trust for the human-centric Internet

Open Calls 2019-2021

Grant Agreements 825618 / 825322 / 825310 / 825354

IETF Mission

The mission of the IETF is to make the Internet work better by producing high quality, relevant technical documents that influence the way people design, use, and manage the Internet.
[RFC 3935]

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."
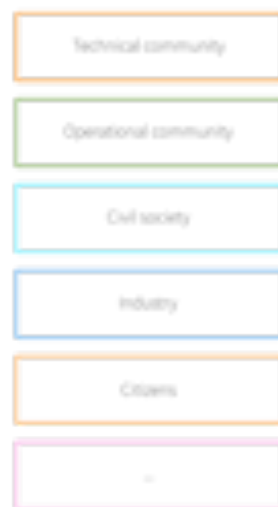
Tim Berners-Lee

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 users. Overloaded with expectations.
From everybody.

- Work consistent and forward-thinking. No time to lose.

Consultation

Technical community

Operational community

Civil society

Industry

Citizens

...

Draft Topic analysis

Expert workshop

Interim report

Initial draft vision

An internet of human values

Topic analysis

Clustering

Proposed vision

An Internet of human values

Pre-NGI (H2020)

Call I: **Internet maintainability**

Call II: **Technology trustworthiness**

Call II: **Architecture renovation**

NGI Flagship (after 2020)
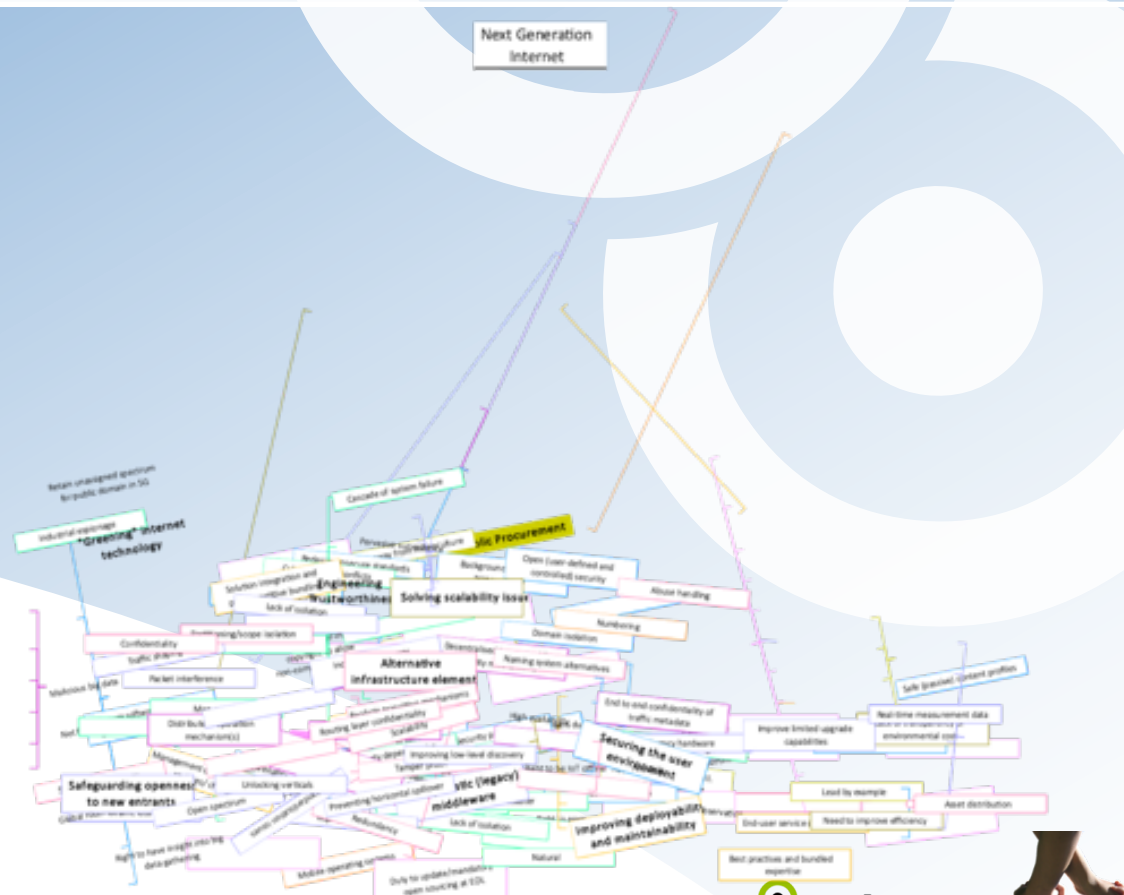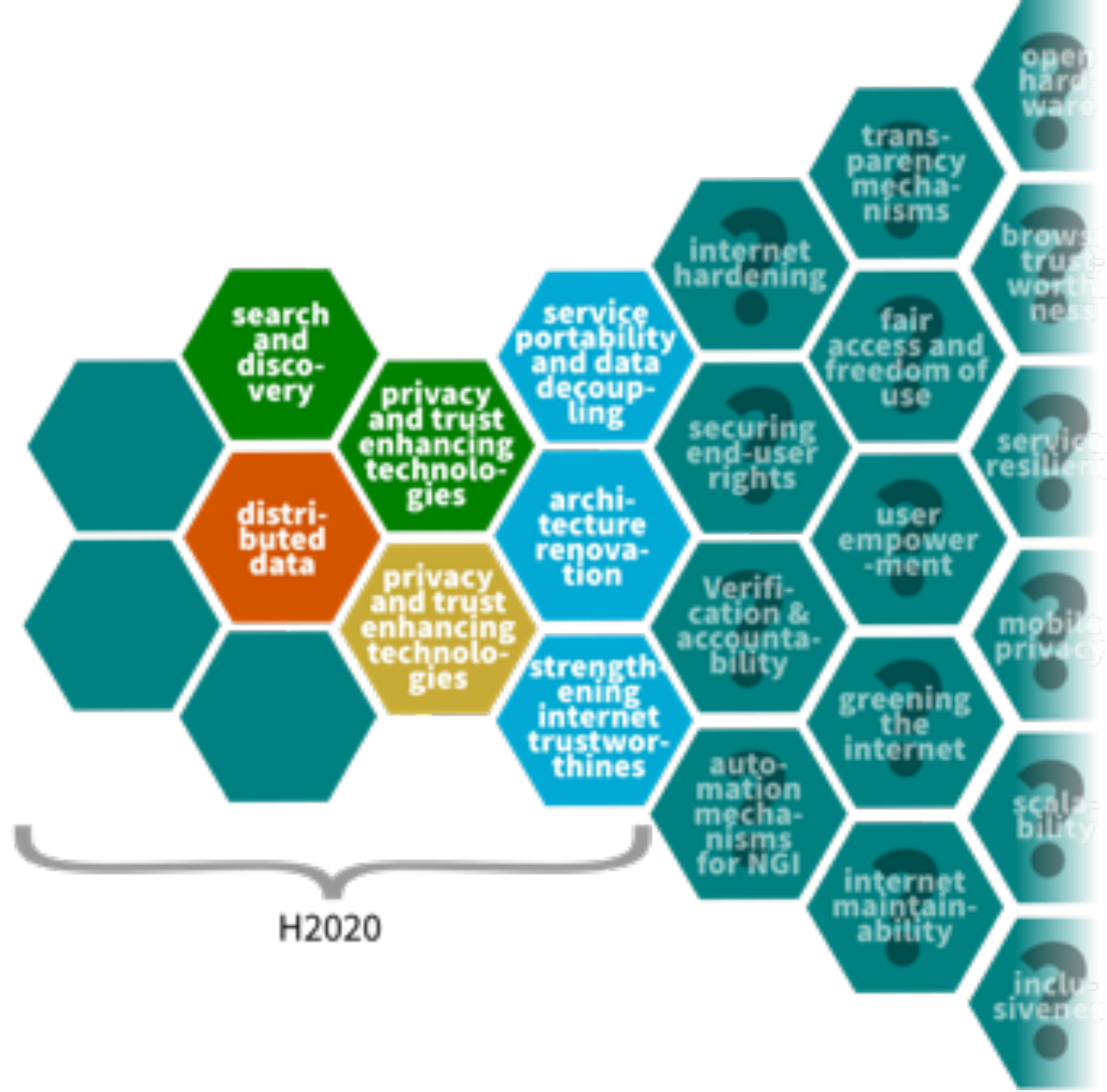
The larger ecosystem

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

Next Generation Internet
Research & Innovation actions

NEXT GENERATION INTERNET

search and discovery

privacy and trust enhancing technologies

distributed data

privacy and trust enhancing technologies

service portability and data decoupling

architecture renovation

strengthening internet trustworthines

internet hardening

transparency mechanisms

open hardware

fair access and freedom of use

browser trustworthiness

securing end-user rights

user empowerment

service resilience

Verification & accountability

greening the internet

mobile privacy

automation mechanisms for NGI

internet maintainability

scalability

inclusiveness

H2020

Key characteristics

search and disco-very

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 between now and 2021

5.6 million euro in small grants between now and 2021

nlnet FOUNDATION

Key characteristics

NEXT GENERATION INTERNET

privacy and trust enhancing technolo-gies

5.6 million euro in grants between now and 2021

GÉANT
Networks · Services · People

NGI_Trust
€100k

LEDGER

up to €200k

Go to
https://ngi.eu
and navigate to
Open Calls

distri-buted data

5.6 million euro in grants between now and 2021

LEDGER

NGI OPEN CALLS

– OPEN –

PRIVACY ENHANCING TECHNOLOGIES

NGI TRUST OPEN CALL

DECENTRALISED TECHNOLOGIES

LEDGER OPEN CALL

NEXT GENERATION SEARCH AND DISCOVERY

NGI ZERO DISCOVERY

PRIVACY & TRUST ENHANCING TECHNOLOGIES

NGI ZERO PET

NGI OPEN CALLS

– OPEN –

PRIVACY ENHANCING TECHNOLOGIES

NGI TRUST OPEN CALL
April 30th deadline!

DECENTRALISED TECHNOLOGIES

LEDGER OPEN CALL
April 30th deadline!

NEXT GENERATION SEARCH AND DISCOVERY

NGI ZERO DISCOVERY
April 1st deadline!

PRIVACY & TRUST ENHANCING TECHNOLOGIES

NGI ZERO PET
April 1st deadline!

Contact me…

- Brook Schofield
  brook.schofield@geant.org

- http://ngi.eu/opencalls