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
The Internet
The Next Generation Internet

Now Even Brighter!

More European Values!

Safe for Humans
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
The larger ecosystem
“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 Vision

Develop key internet technologies in line with core EU values and societal expectations

- **Trust**: users control their data
- **Resilience**: secure and resilient infrastructure
- **Decentralisation**: Secure peer-to-peer transactions
- **Inclusion**: All take part in online society
- **Sustainability**: Reduced carbon footprint
Engineering trustworthiness

The original core architecture has been exposed as rather fundamentally untrustworthy. A key rationale for creating a Next Generation Internet.

As one interviewed expert succinctly put: “we need trust built from the ground up”. Every technical primitives from the current internet needs to be re-evaluated in terms of the complete threat catalogue.
Building security from the ground up

- Decentralised internet-wide identity mechanisms
- Distributed reputation mechanism(s)
- Transport layer security
- End to end confidentiality of traffic metadata
- Verifiability of routing paths
- Security transparency

Engineering Trustworthiness
NGI OPEN CALLS

- OPEN -

PRIVACY ENHANCING TECHNOLOGIES

NGI TRUST OPEN CALL

November 30th deadline!

NEXT GENERATION SEARCH AND DISCOVERY

NGI ZERO DISCOVERY

August 1st deadline!

DECENTRALISED TECHNOLOGIES

LEDGER OPEN CALL

Expected April 30th 2020 deadline!

PRIVACY & TRUST ENHANCING TECHNOLOGIES

NGI ZERO PET

August 1st deadline!

Visit www.ngi.eu
Next Generation Internet
Research & Innovation actions
Key characteristics

Go to [https://ngi.eu](https://ngi.eu) and navigate to Open Calls

Two More Competitive calls in October + February 2020

Viability (up to €100k)
Execution (up to €180k)*
Commercialisation (up to €200k)*

Competitive calls every **two months** until the budget is allocated.
Projects between €5k-50k

5.6 million euro in grants between now and 2021

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Up to €200k
EU-US Collaboration

NGI EXPLORERS PROGRAM

thinknexus
Contact me...

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http://ngi.eu/opencalls/