TL;DR: lightweight funding scheme for small-scale (~€5k-€50k) mostly-FOSS activities aiming to improve the Next Generation Internet (NGI)

https://ngi.eu or https://nlnet.nl/propose/

• Who?
  – Stephen Farrell, Trinity College Dublin/Tolerant Networks Ltd. (wearing the latter hat right now)
  – Kerry Hartnett, Tolerant Networks Ltd
  – mailto: info@tolerantnetworks.com

• Where?
  – Side-meeting today (November 7\textsuperscript{th}) 1730-1800 UTC Richmond 6 room

• How?
  – GOTO https://ngi.eu or https://nlnet.nl/propose/
Who can apply?

Anyone

• Don’t have to be a company, or set of companies
• Don’t have to be an academic
• Don’t have to be based in EU

But

• Proposed work has to somehow provide benefit to EU as well as the Internet (that has worked for non-EU folks, many apparently teamed up with someone from EU)
NGI, NGI-Zero (NGI0) and us

- NGI is the overall EU-funding umbrella for this kind of thing and funds a bunch of projects to give out those small-scale funds in various ways related to various topics
  - EU typically give ~€5m each to a number of consortia who then re-distribute ~80% of that in small chunks (that the EU commission couldn’t manage as they’re too small)

- A subset of those programmes, (labelled NGI0-<foo>) are initiated and run by NLnet foundation
  - Have about €9.6m to hand out like this in next 3 years (bi-monthly call cycle)

- We’re (Tolerant Networks Ltd.) part of the project-team for a few of those
  - Mostly there to help with how funded folks interact with Internet standards and related things
  - They think our job is to tell ‘em how to succeed with standards; we think our job includes telling people to not waste time trying sometimes:-)
  - We’re not involved in selecting which proposals are funded so happy to chat
Two Current NGI0 Programmes

• NGI0 Entrust [https://nlnet.nl/entrust/](https://nlnet.nl/entrust/)
  - Wants to create a virtuous cycle of innovation through free and open source software, libre hardware and open standards to help create a more resilient, trustworthy and open internet, empowering the end-users.
  - Second call of NGI0 Entrust runs from October 1st 2022 to December 1st 2022 12:00 CET
  - Application guide: [https://NLnet.nl/entrust/guideforapplicants](https://NLnet.nl/entrust/guideforapplicants)

• NGI0 Review [https://nlnet.nl/NGI0/review/](https://nlnet.nl/NGI0/review/)
  - Three year support programme offering support to people already funded via NGI
  - “Support” can relate to security review, standards, accessibility, ...
  - Request support here [https://nlnet.nl/NGI0/review/request.html](https://nlnet.nl/NGI0/review/request.html)
  - Opens till July 31st 2025 or money spent (budget limited so get request in early)
Questions?

Side-meeting today 1730-1800 UTC
Richmond 6 room

info@tolerantnetworks.com
Funded technologies

NGI0 has a broad mandate to fund projects on all layers of technology, ranging from open hardware GSM networks, free/libre silicon, real-time communications (XMPP, SIP, Matrix), P2P networking, post-quantum crypto (Rosenguard, KEMTLS), MLS, OpenPGP, SCION, etc.
NGI0 Entrust

- Entrust is looking for projects that will move beyond the status quo that are built on strong and transparent technologies.
- The project results become available under an open source license.
- Seeking project proposals between 5,000 and 50,000 euro's, with possibility to scale if proven potential
- Very lightweight application process, pretty fast turnaround, minimal reporting overhead
NGI0 Review – Support areas

- Support areas for these projects includes https://www.ngi.eu/ngi-projects/ngi-zero-review/
  - Localisation/internationalisation
  - Copyright compliance and open source licensing
  - Reproducible packaging and continuous integration
  - Testing and performance tuning
  - Accessibility and inclusive design
  - Community building
  - Diversifying developer and user communities
  - Normalisation within a standardisation body
  - Independent security scan
  - Setting up or improving governance of projects

- A request for support is made https://nlnet.nl/NGI0/review/request.html
NGI0 Review/Entrust
Project Partners (1/2)

- Association for Progressive Communications – A global network and organisation that strives towards easy and affordable access to a free and open internet to improve the lives of people and create a more just world
- Center for the Cultivation of Technology – A charitable non-profit host organisation for international Free Software projects
- Commons Caretakers – A not-for-profit service provider for the development of Commons
- Free Software Foundation Europe – Association charity aims to empower users to control technology.
- HAN University of Applied Sciences, dept. Inclusive Design & Engineering – one of the core competence building centres of accessibility in the Netherlands, with significant in-house expertise in accessibility auditing.
- NixOS Foundation – Foundation supporting the development and use of purely functional configuration management tools, in particular, NixOS and related projects
NGI0 Review/Entrust
Project Partners (2/2)

- NLnet Foundation – Grantmaking public benefit organisation, founded by pioneers of the early European internet
- Petites Singularités – Non-profit organisation working with free software and focusing on collective practices
- Radically Open Security – Not-for-profit open source security company
- Tolerant Networks – a Trinity College Dublin campus company focused on robust, interoperable communications mechanisms for extreme and unpredictable environments, which delivers its standardisation experience.

IN ADDITION, WE COLLABORATE WITH:

- Accessibility Foundation – Center of expertise on the accessibility of the internet and other digital media for all people, including the elderly and people with disabilities
- Translate House – Develops and implements open source localisation solutions
- ifrOSS – Provides not-for-profit legal services and studies in the context of free and open source software
More Links

- NGI Zero Coordinator: Michiel Leenaars, ngizero-coordinator@nlnet.nl

- Web pages:
  - https://nlnet.nl/NGI0/review
  - https://nlnet.nl/NGI0/review/request.html
  - https://nlnet.nl/entrust/
  - https://nlnet.nl/propose/
Funding Source

- NGI0 Review/Entrust are made possible with financial support from the European Commission's Next Generation Internet programme, under the aegis of DG Communications Networks, Content and Technology.

- This project has received funding from the European Union’s Horizon Europe research and innovation programme under grant agreement No. 101070519