Next Generation Internet
Funding opportunities –
upcoming calls

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Next Generation Internet in Horizon 2020

Artificial Intelligence
ICT-26-2018-2020

Internet of Things
ICT-27-2018-2020

Global Social Sphere
ICT-28-2018

Interactive Technologies
ICT-25-2018-2020

Multilingual
ICT-29-2018

Inclusive
ICT-30-2019-2020

NGI - Open Internet Initiative
Next Generation Internet – Open Internet Initiative

• Focus on **Internet innovators** that do not normally participate in EC funded research

• Impact orientation: **short research / validation cycles** to quickly bring research results to the market

• **Cascading grants**: agile programming, flexible implementation

• Supporting the **human-centric Internet** vision
R&I project implementation through sub-granting

Project submitted to EC call:
Run by organisations in the ecosystem
Leadership in the research area
Euro 7 million, 2-3 years,
80% for sub-grantees, pan-European
Procedures adapted to stakeholders

R&I Action:
Privacy and trust enhancing technologies

Activities include inter-alia:
• Definition of the calls for projects
• Attracting and selecting top-teams
• Monitoring
• Mentoring, Coaching, Sharing
• Community building

Sub-grantee:
• One legal entity with one specific project
• Internet innovators: hi-tech startups and SMEs, researchers, developers, ...
• Carry out the R&I work
• 50,000 – 200,000 Euro, 9 – 12 month
NGI R&I actions in 2018 call

**Privacy and Trust Enhancing Technologies**
- Sensors, devices, AI-based algorithms incorporated in our digital environment
- Greater control when sharing personal data, attributes and information
- Robust and easy to use technologies

**Decentralised Data Governance**
- Open hardware and software ecosystems based on blockchains, DLT, P2P technologies
- Attention to ethical, legal and privacy issues
- Supporting autonomy, data sovereignty and ownership

**Discovery and Identification Technologies**
- Large heterogeneous data sources, services, objects and sensors, multi-media content
- Contextual querying, personalised information retrieval and increased quality of experience
NGI R&I actions selected in 2018 call

The Intermediaries:
- **Agile programming**, which can adapt to the technology / market evolution and evolve based on its learnings
- **Try & fail or succeed culture**: promising lines are expanded; failure feeds the ecosystem for learning and improving
- A process to select most promising avenues (funnel like focusing on impact)

The Sub-Grantees:
- Selection based on **excellence & quality**
- **Research with market orientation** - not just apps
- **Co-creation model** - supporting novel ideas while contributing to overall goals & objectives
- **Low administrative burdens**
NGI R&I actions in 2019 call

**Strengthening internet trustworthiness with electronic identities**
- Authentication, authorisation, traceability, privacy and confidentiality (incl. objects, ...)
- New business models for verifying and valuating data
- Scalability, standardisation, deployability, ease of use, ...

**Service and data portability**
- Separation of data from services provided to end-users
- Handling mixed data sets, standardisation, operational and business models
- Techno-legal constraints, simplification of terms of use

**Open internet architecture renovation**
- Internet architecture evolution towards better efficiency, scalability, security & resilience
- Auditing, testing and improving protocols and open source SW and HW
- Ability to roll-out at internet scale

Call for RIAs opens: October 2018
Deadline submission proposals: March 2019
First call for sub-grantees: Q1 2020
Join us in this exciting journey

https://www.ngi.eu
https://ec.europa.eu/research/participants/portal