NGI

DISCOVER THE NEXT GENERATION INTERNET

**Main Stage Session: Internet of Humans**

*An interactive session with the architects of a safer and more reliable Internet led by the **Next Generation Internet**, EU Commission initiative with the mission of bringing Internet back to humans.*

Wolves Summit 14

21 October 2021

NGI @ WOLVES SUMMIT

❏ Moderator: **Monique Calisti**, *Director NGI Outreach Office*

❏ Panel presenter: **Gemma Carolillo**, *Deputy Head of the Next Generation Internet Unit at the European Commission*; and moderated by.

❏ NGI Innovators:

- **Igor Farinic,** Chief Executive Officer at Evolveum, funded by NGI TRUST accelerated by NGI TETRA

- *Zenna Fiscella* Project Manager at Scuttlebutt, funded by NGI Pointer

- *Jurij Skornik,* General Manager of Trace Labs Ltd. funded by NGI LEDGER and NGI Atlantic.
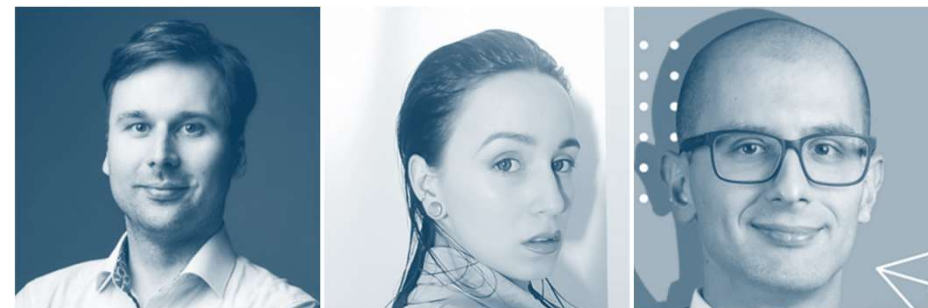
NGI @ WOLVES SUMMIT

- ❑ **NGI @ Wolves Summit on-site** in Wroclaw
- ❑ **NGI onsite booth** to spread the word about the **NGI funding opportunities**.
- ❑ **Live chat** to follow-up on the session through the NGI Community.
  Follow this link to join the live conversation.
- ❑ Follow us on social media:
  - @NGI4eu
  - #WolvesSummit2021
  - #Connectionsthatmatter

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A GROWING COMMUNITY AT WORK TO BUILD AN INTERNET OF HUMANS

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NGI AT A GLANCE

The Next Generation Internet (NGI) initiative aims to shape the development of the Internet of tomorrow into an Internet of Humans that responds to people's fundamental needs, including **trust, security and inclusion**, and reflects the European values and norms.

Restoring **trust**

CHALLENGES

- ⇢ Protect personal data
- ⇢ Ensure privacy and security
- ⇢ Combat disinformation online
- ⇢ Guarantee access and freedom of choice
- ⇢ Respect fundamental rights
- ⇢ Enforce ethics and sustainability by design

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SUPPORTING INTERNET INNOVATION & COORDINATION

To attract top talents, NGI is directly supporting innovators including individual researchers, developers, start-ups and social innovators.

❑ **Research and Innovation Actions** are acting as intermediaries: 20% of their budget to select, monitor, mentor, train and build the community; 80% to fund individual projects among 3rd party researchers, developers, hi-tech start-ups/SMEs

❑ The NGI builds also on **Coordination and Support Actions** to ensure synergies across all stakeholders, with a focus on:

⇢ Outreach, community building, business acceleration

⇢ Policy and strategic programming

⇢ EU-US collaboration

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NGI: OVER 600 INNOVATORS, 80% OF THEM NEW TO HORIZON FUNDING

654
INNOVATORS
SUPPORTED SO FAR

3922
APPLICANTS
NGI OPEN CALLS

36
COUNTRIES
ON THE NGI MAP

NGI

DISCOVER ALL THE NGI PROJECTS

FED4FIRE
FEDERATION FOR FIRE PLUS

NGI POINTER

NGI TRUBLO

NGI ESSIF-LAB

NGI 4ALL

NGI TRUST

NGI ASSURE

NGI ONTO CHAIN

NGI EXPLORERS

NGI ZERO PET

NGI DAPSI

NGI THINK NEXUS

NGI FORWARD

NGI ZERO DISCOVERY

NGI LEDGER

NGI ATLANTIC.EU

NGI TETRA

NGI

Join us and get funded!

TIMELINE OF NGI OPEN CALLS 2021

MORE OPEN CALLS TO BE ANNOUNCED LATER IN 2021

NGI ASSURE 6th call
1 October – 1 December

NGI DAPSI 3rd call
23 September – 23 November

NGI ONTOCHAIN 2nd call
NGI Pointer 2nd call
NGI Atlantic 5th open calls

2020	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	2022

2021

TETRA – Tenderio Plus
30 October 2020

Fed4FIRE+ Continuous call "SME & NGI CASCADED EXPERIMENTS"
Cut-off submission dates every two weeks.
On hold in attendance of extra budget made available

CURRENT NGI OPEN CALLS 2021

DON'T MISS OUR OPEN CALLS DDLs!

Data Portability & Services Incubators – 23/11

Reinforcing the European Blockchain ecosystem – 01/12

Consulting on public tendering – continuous

Federated Testbeds for NGI Innovators
On hold in attendance of extra budget made available

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VISIT WWW.NGI.EU AND JOIN US
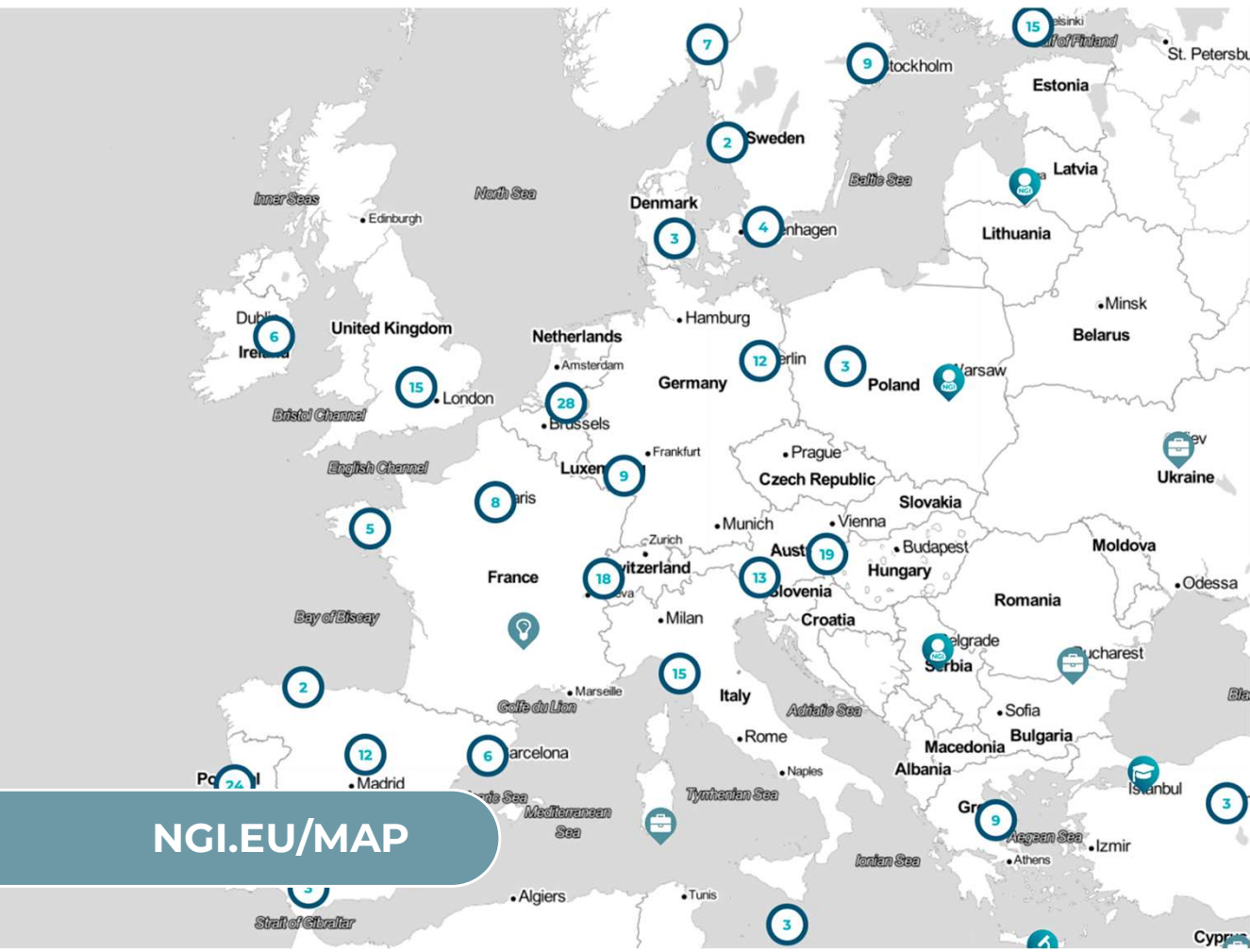
REGISTER TO THE **NGI MAP**

JOIN THE **NGI COMMUNITY PLATFORM**

JOIN THE **NGI EXCHANGE PLATFORM**

SUBSCRIBE TO THE **NGI NEWSLETTER**

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NGI MAP

REGISTER YOUR EVENT, INITIATIVE, OR ORGANISATION

NGI.EU/MAP

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NGI – Stay plugged!

NGI.EU/EVENTS

COMMUNITY.NGI.EU

JOIN THE NGI COMMUNITY

Don't miss the
NGI Exchange Platform

EXCHANGE.NGI.EU

MEET THE NEXT GENERATION INTERNET INNOVATORS

Igor Farinic
Chief Executive Officer
Evolveum

Zenna Fiscella
Project Manager
Scuttlebutt

Jurij Skornik,
General Manager
Trace Labs Ltd.

NGI TETRA

NGI TRUST

NGI POINTER

NGI LEDGER

NGI ATLANTIC.EU

NGI INNOVATORS

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EVOLVEUM - Developers of MidPrivacy and MidScale

Igor Farinic, Chief Executive Officer at Evolveum.

Our Goals:

- **MidPrivacy:** manage complex provenance metadata, transparency and accountability
- **MidScale:** make midPoint scalable for large deployments

The Outcomes:

- **MidPrivacy:** successful prototype integrated into midPoint
- **MidScale:** scalable data storage implementation, major performance and usability improvements

SCUTTLEBUT 2.0 - The Gossiping Protocol: Offline-first, communal privacy, trust based, communication protocol

NGI POINTER

Zenna Fiscella Project Manager for the Scuttlebutt NGI Pointer Project

- All Google services were down for 1 hour in dec 2020 (The Guardian)
- All Facebook services went down for 6 hours last week (CNBC)
- Vast rise in cyber warfare
- 48,2% of the world doesn't have access to the internet (Statista)
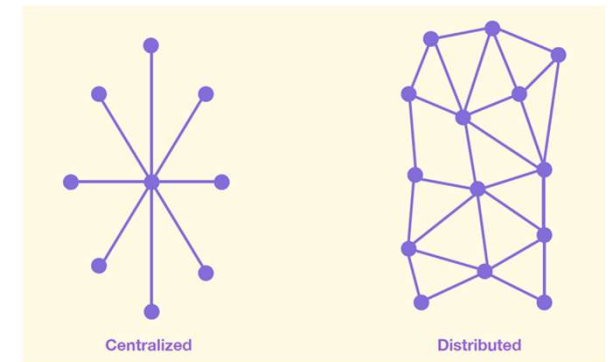
The need for a more resilient internet is NOW

Faster

Scalable

Offline First

More Private

Data Sovereignty

Low tech compatible

Centralized   Distributed

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TRACE LABS GROUP LTD - Developers of OriginTrail: world's first Decentralized Knowledge Graph

Jurij Skornik, General Manager of Trace Labs Ltd.

- Global semantic network for data and value exchange driving network effects

- "Semantic Web3" fabric through synergy of **Knowledge Graphs and Blockchains**

- Permissionless network running on 1800+ nodes globally

Blockchain agnostic network #integrity	Global data standards support (W3C, GS1) #interoperabiltiy	Data access permissioning #Privacy

Web3 applications

Decentralized Knowledge Graph

Blockchains

ethereum · xDai · polygon · Polkadot.
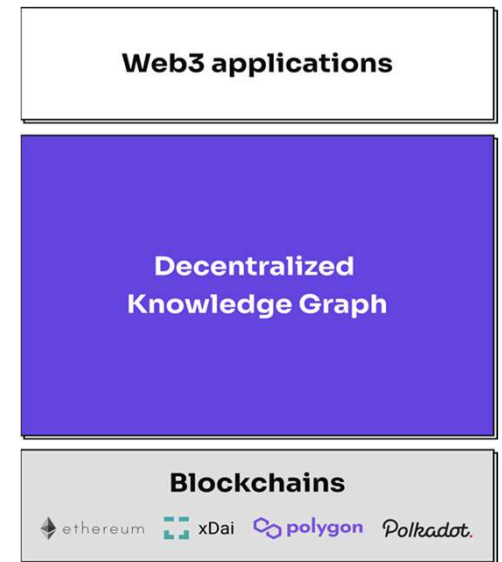
STAY UPDATE
AND GET INVOLVED!

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/channel/UCafmIQ_fwe_FiwiiYj6QLUA

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THANK YOU!