TRUSTCHAIN OC1: DECENTRALISED DIGITAL IDENTITY

Second webinar for Applicants

TRUSTCHAIN Consortium

27/03/2023

EUROPEAN DYNAMICS F6S University of Ljubljana Faculty of Computer and Information Science ΟΙΚΟΝΟΜΙΚΟ ΠΑΝΕΠΙΣΤΗΜΙΟ ΑΘΗΝΩΝ ATHENS UNIVERSITY OF ECONOMICS AND BUSINESS CIBER VOLUNTARIOS.org ALASTRIA TIMELEX CITY UNIVERSITY OF LONDON EST 1894

TRUSTCHAIN IN BRIEF

TRUSTCHAIN - Fostering a Human-Centred, Trustworthy and Sustainable Internet , a European project part of the **EC-Next Generation Internet (NGI) initiative.**

TRUSTCHAIN was launched in January 2023 to **empower innovators and end users trough 5 Open Calls to create a portfolio of Next Generation Internet protocols and an ecosystem of decentralised identity management software solutions**.

Up to 8,775 M€ funding and mentoring program with best international experts in their field as well as access to divers support services e.g. access to infrastructure, crypto-token for demonstration purposes, business development training, communication support.

TRUSTCHAIN OBJECTIVE

- **Contribute to the Next Generation Internet**
- **Achieve a human centered, trustworthy and sustainable decentralised internet**
- **Embed principles of human-rights, sustainability, ethics and other human values in the solutions it will deliver for trusted relationships in the digital world.**
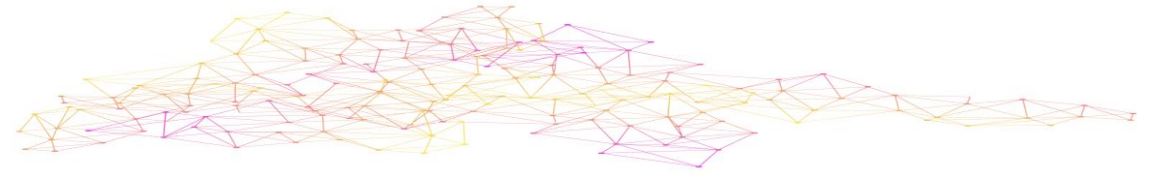
How ?

→ **Co-creation with engagement of end users**

→ **Provide democratic, transparent, traceable, and regulatory compliant mechanisms** that can support any ecosystem of entities and actors participating with their **digital identities**.

→ Use **decentralised digital identity architectures** together with **IoT, AI, Cloud-to-Edge, DLT and DT** and **embed in such solution's important societal goals** in accordance with objective **truth** and therefore, **trustworthiness**.

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TRUSTCHAIN OC1

| TRUSTCHAIN.NGI.EU

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OC1 DECENTRALISED DIGITAL IDENTITY

Up to 15 selected projects

Submission deadline: 10th April 2023 - 17:00 CET

Up to **K€ 117** per project

Objective

Define, develop, upgrade the state of the art :

○ A framework for decentralised user-centric identity management;

○ Protocols for trustworthiness assessment of entities and their data (verifiable credentials and decentralized reputation systems);

○ Smart oracles assessing the trustworthiness of data.

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ELLIGIBILITY CRITERIA & SELECTION PROCESS

What ?

- Utilize existing concepts and technologies already developed for SSI

- Be open-source and **ideally** achieve TRL 7

- Be tested and evaluated by an adequate pool of potential users

- Be supported by a self-sustaining business model

- Use standard technology for full-stack development and be compatible with current standards.
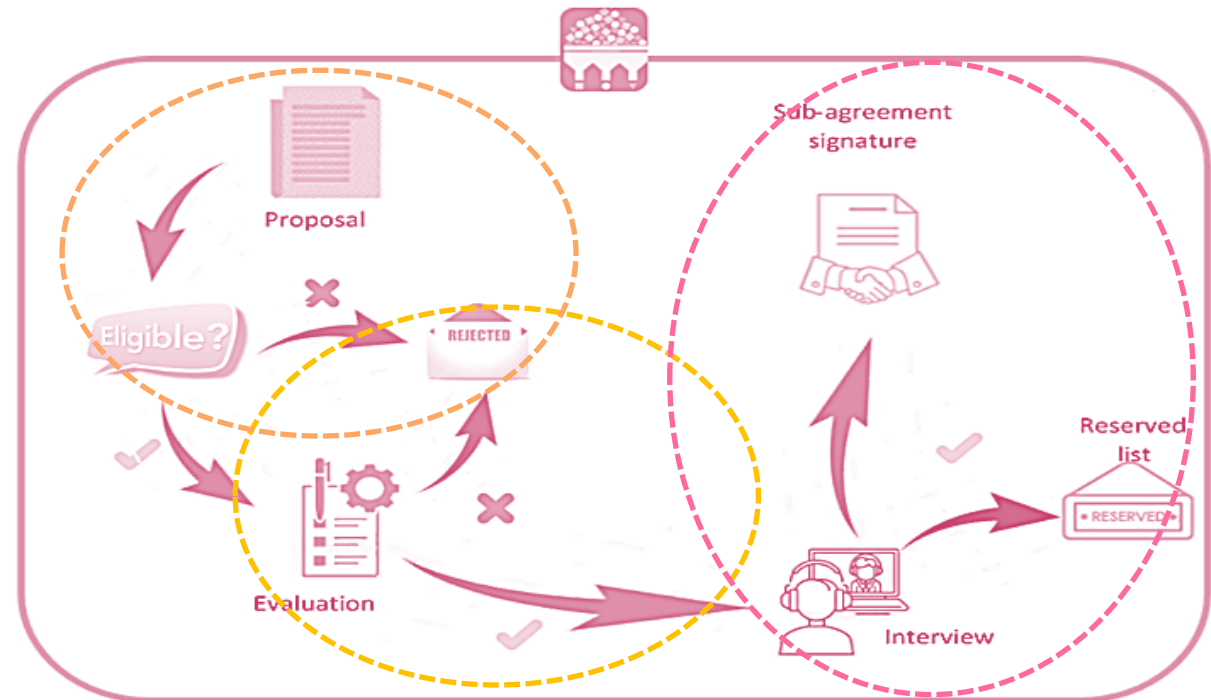
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Who ?

Developers

Researchers

Innovators

} Including the **Academic** and **Private sector**
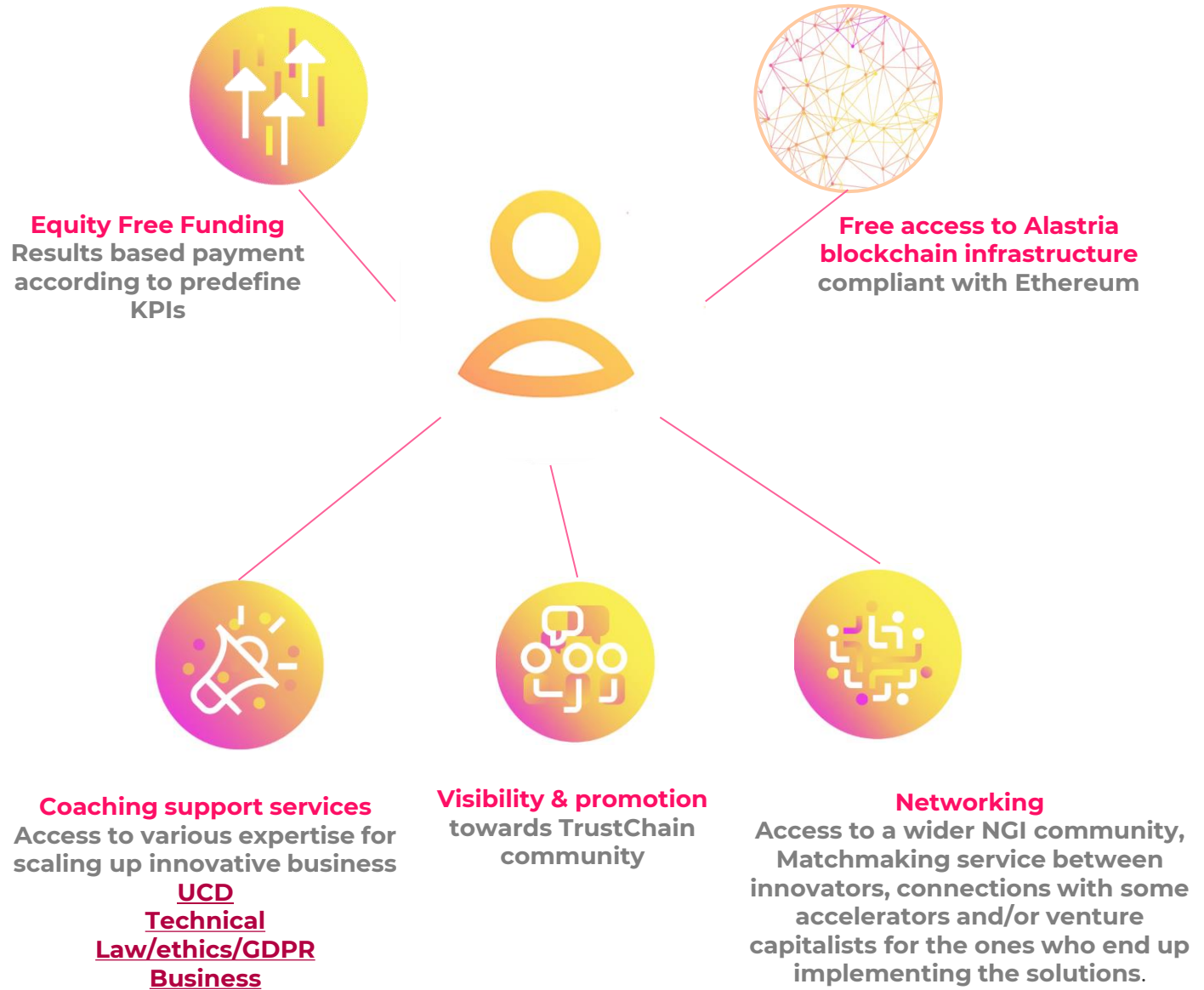
Selection process

3 phases: **Eligibility check**, **proposal evaluation** & **online interview**

WHY TO APPLY?

You will get →

Equity Free Funding
Results based payment according to predefine KPIs

Free access to Alastria blockchain infrastructure compliant with Ethereum

Coaching support services
Access to various expertise for scaling up innovative business
UCD
Technical
Law/ethics/GDPR
Business

Visibility & promotion towards TrustChain community

Networking
Access to a wider NGI community, Matchmaking service between innovators, connections with some accelerators and/or venture capitalists for the ones who end up implementing the solutions.

FOCUS IN SOME SPECIFIC ASPECTS TO BE COVERED IN YOUR PROPOSAL

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ENSURING THE IMPLEMENTATION OF AN USERS CENTRED APPROACH IN TRUSTCHAIN OC1

Validation/ Evaluation
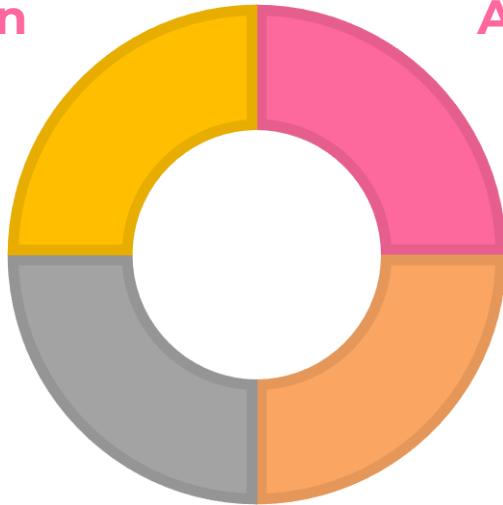
Ideation: Active listening

Development

Design: Implement the user requirements

1. Identify who are the end-users of your tool.

2. Incorporate them in the process of ideation:

   Qualitative methods examples:
   1. Workshops
   2. Focus Groups

3. Once the tool is developed, end-users need to validate the tool.

No matter how large is **the sample** but it **needs to be representative** of your end users.

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TAKING CARE OF ETHICS ASPECTS IN TRUSTCHAIN

o Assess the ethical aspects of your project using the **ethics questionnaire** in the guide for applicants (Administrative Form)! It is the applicant's responsibility!

⚠️ **Any potential infringement of ethics principles and/or any potential harm, can result in the rejection of your proposal.**

o (Arguably) most relevant topic to be addressed ➜ Data protection (GDPR):
  • Whenever you process **personal data** as part of your project
  • Main obligations are:
    o Inform data subjects
    o Ensure having a legal basis for processing (e.g. consent when required)
    o Consult your DPO if you have one

o Seek, when required, approval from an **external, independent advisor** on the measures you propose to mitigate any ethical risks (e.g. an independent, experienced data protection expert) or, if mandatory, from an external ethics/data protection body!

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o Mainstream Digital Identity is going to be well-supported by eIDAS2 and the European Digital Identity Wallet Architecture and Reference Framework (ARF)

o ARF should be used as guiding principles.

o But use cases should not be limited by ARF, and should focus on human-centred innovative digital identity systems.

Source: https://digital-strategy.ec.europa.eu/en/library/european-digital-identity-wallet-architecture-and-reference-framework
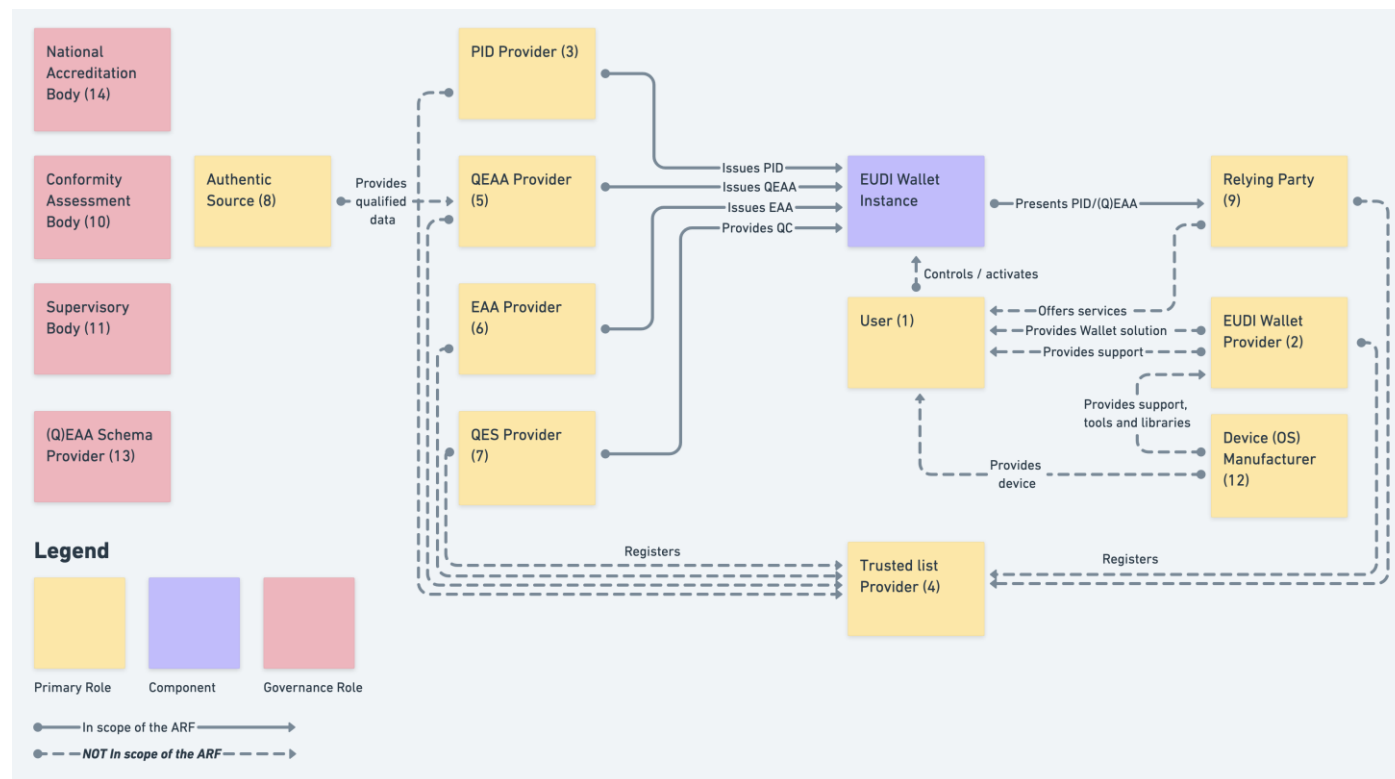
HOW TO APPLY ?

Entry point for all proposals

https://www.f6s.com/trustchain-open-call-1/apply

Submission received by any other channel will be automatically discarded

Tips and tricks for a good proposal

1 **Read carefully the TRUSTCHAIN Open Call 1 document and Guide for Applicant**

2 **Check carefully the eligibility criteria**

3 **Take a look at the FAQs on our website**

4 **Use the official TRUSTCHAIN template for your proposal**

LEARN MORE

https://trustchain.ngi.eu

https://www.f6s.com/trustchain-open-call-1

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