TRUSTCHAIN OC1: DECENTRALISED DIGITAL IDENTITY

Third webinar for Applicants

TRUSTCHAIN Consortium
03/04/2023
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.
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.

Requirements

- Use 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.
STAY UPDATED
AND GET INVOLVED!

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Thank you!
FOCUS IN SOME SPECIFIC ASPECTS TO BE COVERED IN YOUR PROPOSAL
ENSURING THE IMPLEMENTATION OF AN USERS CENTRED APPROACH IN TRUSTCHAIN OC1

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.
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.

(Arguably) most relevant topic to be addressed ➔ Data protection (GDPR):
- Whenever you process personal data as part of your project
- Main obligations are:
  - Inform data subjects
  - Ensure having a legal basis for processing (e.g. consent when required)
  - Consult your DPO if you have one
- 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!
Mainstream Digital Identity is going to be well-supported by eIDAS2 and the European Digital Identity Wallet Architecture and Reference Framework (ARF).

ARF should be used as guiding principles.

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

HOW TO APPLY?

Entry point for all proposals

[link](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

[link](https://trustchain.ngi.eu)
[link](https://www.f6s.com/trustchain-open-call-1)
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