

TRUSTCHAIN OCI: 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**.

OCT DECENTRALISED DIGITAL IDENTITY



Up to 15 selected projects



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



Up to **K€ 117** per project



Developers

Researchers

Innovators

Including both
Academic and
Private sector

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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!

Follow us



trustchain.ngi.eu

Thank you !



University of Ljubljana
Faculty of Computer and
Information Science



ALASTRIA

TIMELEX



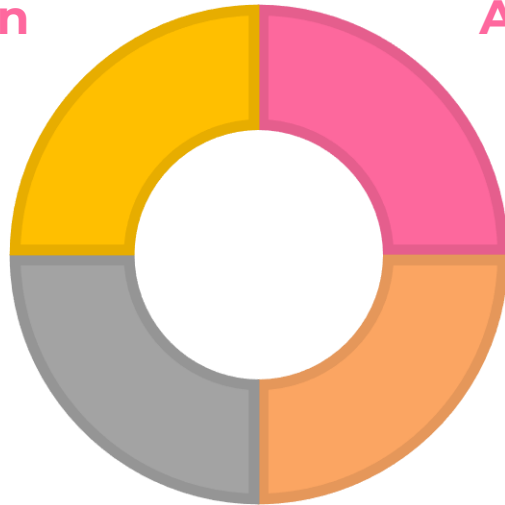
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**FOCUS IN SOME SPECIFIC ASPECTS TO
BE COVERED IN YOUR PROPOSAL**

ENSURING THE IMPLEMENTATION OF AN USERS CENTRED APPROACH IN TRUSTCHAIN OCT

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.

TAKING CARE OF ETHICS ASPECTS IN TRUSTCHAIN

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

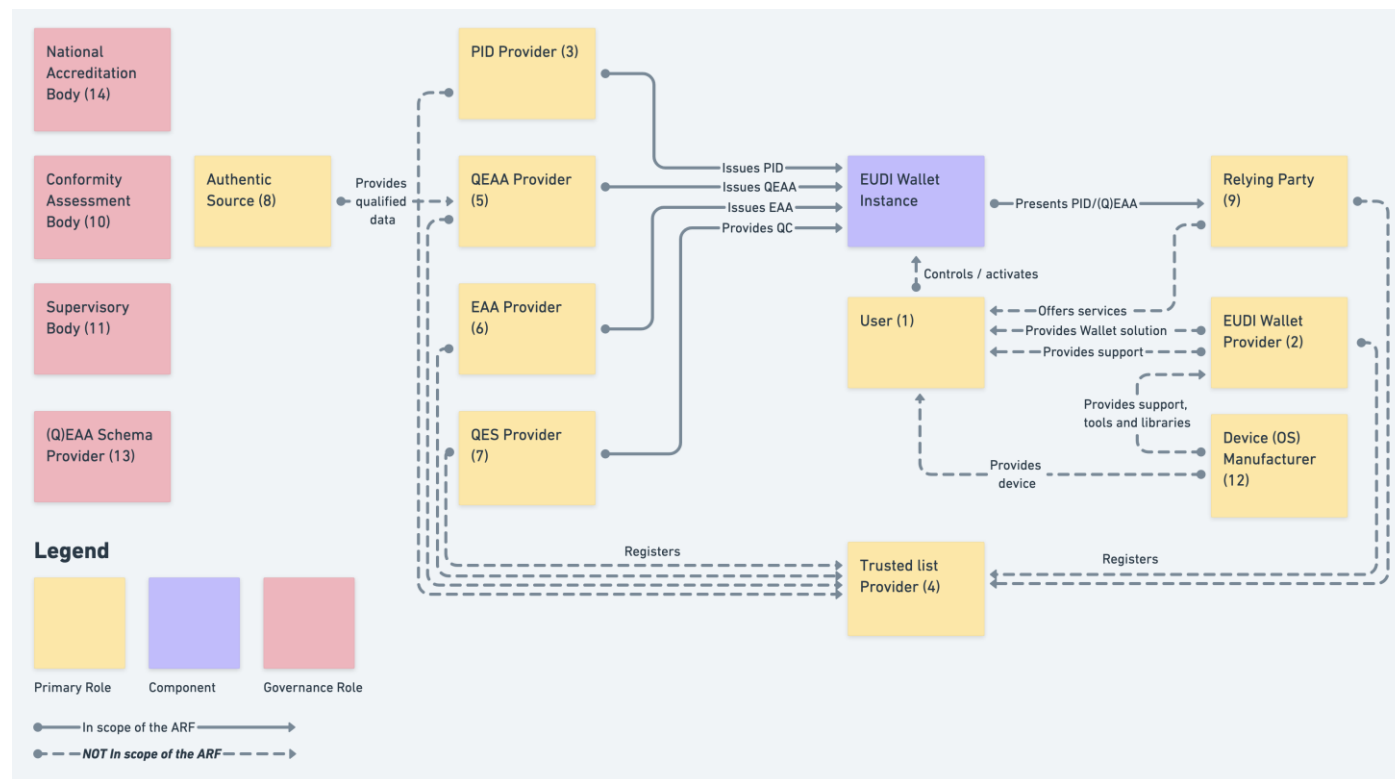


Any potential infringement of ethics principles and/or any potential harm, can result in the rejection of your proposal.

- (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!

THE DIGITAL IDENTITY ARCHITECTURE AND REFERENCE FRAMEWORK: WHERE DO WE STAND? HOW TO CONSIDER IT IN TRUSTCHAIN OCT

- 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.



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

LEARN
MORE

<https://trustchain.ngi.eu>

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



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**

JOIN OUR NEXT WEBINAR

3rd of April – 11 AM CET

SIGN UP NOW

