



## TRUBLO OPEN CALL 3 OVERVIEW

**V1.0**

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## 1. TRUBLO SUMMARY

As societies and human/social networks grow, people increasingly turn to digital networks for direct and far more functional ways of finding and disseminating information. In such networks, trust in the medium and disseminating information and content has inevitably to rely more and more on technologically assisted means. Blockchain technology can contribute to the evolution of Next Generation Internet towards high levels of Distributed Trust in seamless and unobtrusive ways increasing in a transparent way the trustworthiness of content shared through future media. Trust is essential to societies, and blockchain has the potential to shift trust in people and institutions to trust in the technology that is used.

In this context, TruBlo aims to invite research teams to develop projects that nurture and facilitate the creation of tools for distributed trust, by exploring and using blockchain technology. The perspective is that such work will lead to fully scalable blockchain based solutions and applications for trustable content.

TruBlo offers through 3 Open Calls, up to 4,2M€ funding and support services to empower academic teams, researchers, SMEs and startups to define and implement small scale research projects for the development of new software, platforms or tools for distributed trust.

TruBlo - Trusted and reliable content on future blockchains, is a European project funded by the European Commission under the European Union's Horizon 2020 Research and Innovation Programme, and part of the European Commission's Next Generation Internet (NGI) initiative. Full information on the project can be found in <https://www.trublo.eu/>.

## 2. RESEARCH CHALLENGES

Blockchain technology and its products are in constant development and fruition, thus, new characteristics and attributes emerge along with new issues and challenges. The monitoring of this technological domain is very important for the accurate and efficient management of the technology by the stakeholders. The purpose of this action is to monitor such scientific and technological evolution and support the relevant research, development and financial efforts that are in progress. Through experienced methodologies and by approaching the state of the art solutions and related work, it is easier to manage and monitor such dynamic technologies, while the approach will work as a feedback loop for the next iterations of these efforts.

Full description of the TruBlo Research Challenges can be found in TruBlo website in the following address:

[https://www.trublo.eu/wp-content/uploads/2021/09/Annex3.2\\_Refining-Research-Challenges-and-Direction.pdf](https://www.trublo.eu/wp-content/uploads/2021/09/Annex3.2_Refining-Research-Challenges-and-Direction.pdf)

## 3. OPEN CALL FOCUS AREAS



TruBlo has defined two use cases to create a broad frame for selectable ideas:

### **Use case 1: Trust and reputation models on blockchains.**

This use case targets innovative applications, technologies, technical approaches and methodologies that increase trust levels in blockchain-based information exchange, especially user-generated content on the Internet and social media, as well data from IoT infrastructures.

Call topics can include:

- Engineering on level of trust (from devices to the applications and user-level)
- Reputation measuring and assessment based on transactions history
- Easy to use and understand reputation models on blockchain applications, and others.
- New ways of monetizing premium-user generated content, GDPR compliant privacy enhanced blockchains, KYC approaches on blockchains, and applications related to copyrights on user-generated content.

### **Use case 2: Proof-of-validity and proof-of-location.**

This use case focus is on innovative mechanisms to increase transparency and trustworthiness of user-generated content. The users, as a part of the blockchain infrastructure, can apply additional verification mechanisms to increase transparency, validity and trustworthiness, such as Proof- of-Location and Proof-of Validity.

Call topics can include:

- Privacy
- Encryption
- Content Validation
- Content Location
- Fake news
- Misinformation
- Disinformation
- Verification

The open call will look for proposals for both defined use cases, meaning the teams can simultaneously contribute to both of them.

Following the spirit of the H2020 Call ICT-54 Blockchain for the Next Generation Internet, the TruBlo Research and Innovation Action encourages open source software and open hardware design, open access to data, standardisation activities, access to testing and operational infrastructure as well as an IPR regime ensuring interoperability, reusability of results, lasting and sustainable impact.

## **4. TRUBLO PROGRAMME**

Through its open calls, TruBlo aims to stimulate technology researchers, startups and SMEs to participate in its programme, where they will have access to technology framework and support to generate new value with the initial research concepts. The TruBlo programme is 15-



month long, and it is divided into 2 stages (INNOVATION and PROGRESS), each divided into three-month sprints. Each stage is associated with a specific technology framework and services package to accelerate and enhance the development of new products and services that foster trust in internet information exchange and content.

The TruBlo open call is the entry point for access to direct funding and for integrating the TruBlo Programme.

**The 3rd open call aims at initially selecting up to 20 projects, led and executed by developers, innovators, researchers, SMEs and entrepreneurs, among others, actively involved in research, development and application activities in Blockchain related technologies.**

The TruBlo Open Call 3 will be open from **27 January 2022 to 30 March 2022 17:00 CET**.

In all stages, selected teams will receive technical and business support (as described in section 8 of the annex 2 'Guide for applicants').

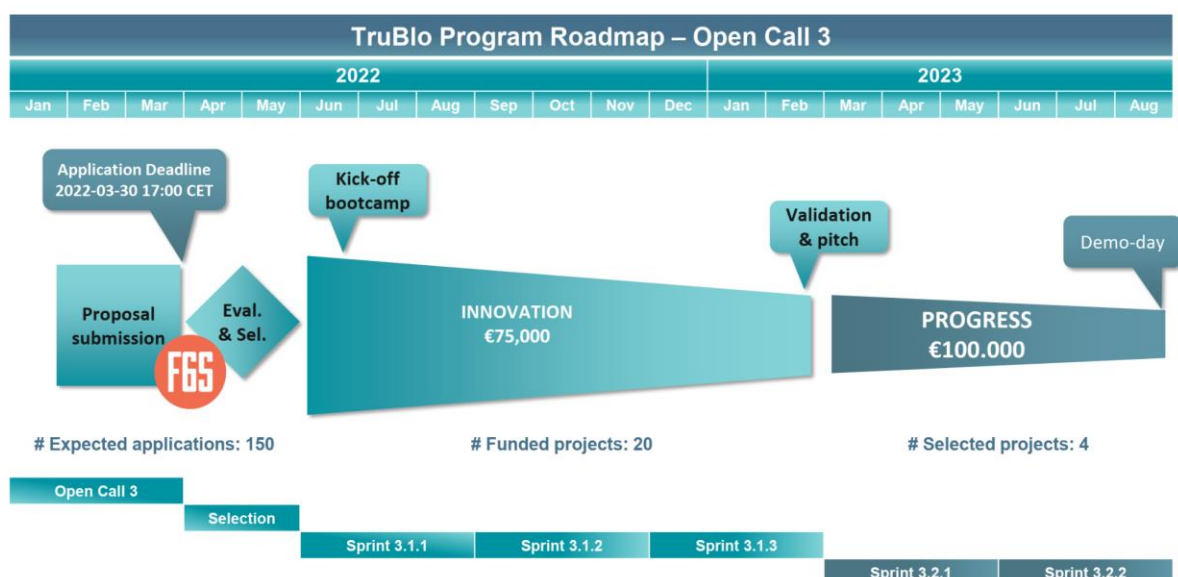


Image 1. TruBlo Program roadmap - Open Call 3

Applications must be made through the F6S platform only. Please see Annex 1 “Guide for Applicants” for more details on proposal application submission, funding, eligibility, technical and service support.

**Deadline: 30 March 2022, 17:00 CET**  
**Call identifier: TruBlo Open Call 3**  
**Language of the proposal for submission: English**

*Please note that opening and closing dates of TruBlo Call can be subject to change in case of any modifications in the project's schedule.*



## 5. SUPPORT TO APPLICANTS

The TruBlo consortium will provide information to the applicants only via [info@trublo.eu](mailto:info@trublo.eu). No binding information will be provided via any other means (e.g. telephone or email).

More info at: <https://www.trublo.eu/apply/>

Apply via: <https://www.f6s.com/trublo-open-call-3/apply>

Support team: [info@trublo.eu](mailto:info@trublo.eu) (TruBlo Project and Open Call)

F6S Support team: [support@f6s.com](mailto:support@f6s.com) (F6S platform issues)



## 6. APPLICATION DOCUMENTS AND TEMPLATES

Overview	<b>Open call 3 overview</b> Overview of TruBlo project and open call 3
Annex 1	<b>Guide for applicants</b> Detailed information to apply to the TruBlo Open Call 3 such as an abstract of the TruBlo action, a detailed description of the TruBlo open Call 3, the modalities for application, the evaluation process, the scheme of the funding support, the IPR aspects related to TruBlo and how to prepare and submit a proposal
Annex 2	<b>Application form</b> Export of application form available at F6S where applicants provide administrative data and upload annexes 2.1 mandatory, and 2.2 optional. This document is provided for reference, applications must be submitted online.
Annex 2.1	<b>Proposal description</b> Template of the technical annex to describe the proposal.
Annex 2.2	<b>Additional applicants</b> Template to describe additional applicants if the team or consortium have more than 3 members.
Annex 3	<b>Declaration of Honour</b> Template of the declaration of honour to be submitted only during final eligibility check and contracting procedures.
Annex 4	<b>SME Declaration</b> Template of the SME declaration where SME Status is assessed. To be submitted by SMEs only during final eligibility check and contracting procedures.
Annex 5	<b>Team Declaration of Honour</b> Template of the declaration of honour to be submitted by teams only during final eligibility check and contracting procedures.
Annex 6	<b>Sub Grant Agreement</b> Template of the sub-grant agreement to be signed between the project and TruBlo consortium
Annex 7	<b>Bank Account Information</b> Template of the bank account information of sub-project consortium leader to be submitted by SMEs only during final eligibility check and contracting procedures.
Annex 8	<b>Template for H2020 Financial Support to Third Parties</b> Carbon copy of the information on the TruBlo Open Call published on the European Commission website.