

The logo for NGI (National Grid of Information) consists of the letters 'NGI' in a bold, white, sans-serif font, enclosed within a teal-colored speech bubble shape that points to the right.

**TRUBLO**  
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# **ANNEX2: TRUSTED AND RELIABLE CONTENT ON FUTURE BLOCKCHAINS GUIDE FOR APPLICANTS**



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Call: H2020-ICT-2018-2020  
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Type of action: RIA

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WORLDLINE IBERIA SA	WLI	Spain
INSTITUTE OF COMMUNICATION AND COMPUTER SYSTEMS	ICCS	Greece
ATHENS TECHNOLOGY CENTER ANONYMI BIOMICHANIKI EMPORIKI KAI TECHNIKI ETAIREIA EFARMOGON YPSILIS TECHNOLOGIAS	ATC	Greece
DEUTSCHE WELLE	DW	Germany
F6S NETWORK LIMITED	F6S	Ireland
CONSORCIO RED ALASTRIA	ALASTRIA	Spain

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## 1. OVERVIEW OF TRUBLO OPEN CALLS

### 1.1 THE TRUBLO ACTION

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 - 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 the call topic ICT-54. As such, it is part of the European Commission's Next Generation Internet (NGI) initiative.

TRUBLO was launched in September 2020 to nurture and facilitate the creation of tools for distributed trust beyond the state-of-the-art research, 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. To achieve this, the project will implement a series of three open calls which are directed at academic teams, researchers, SMEs and startups to define and implement small scale research projects on two related focus areas. TRUBLO has a total budget of 4,2M€ to fund such ideas.

- **Topic Trust and reputation models on blockchains:** This topic targets innovative applications, technologies, technical approaches and methodologies that increase the levels of trust in blockchain-based information exchange, with emphasis on user generated content on the Internet and social media, considering also data from IoT infrastructures.

- **Topic Proof-of-validity and proof-of-location:** This topic is on innovative mechanisms to increase transparency and trustworthiness of user generated genuine content. The users, as being part of a blockchain, can apply additional verification mechanisms to increase transparency, validity and high level of trustworthiness, such as Proof- of-Location and Proof-of Validity.

All three open calls will call for proposals for both topics so that the sourcing of teams can simultaneously contribute to both of them. Every open call has two phases: the first one has as an aim to produce ground-breaking research results on one of the two selected use cases while in the second one, only selected teams will continue their innovation plan providing more tangible prototypes, closer to market and Minimum Viable Products (MVP).

Through these three open Calls, the selected projects should have potential to entail a substantial advance in the state of the art, deliver results with the potential to create higher research, social and economic impacts, combined with the potential to generate new value into the media & internet market.

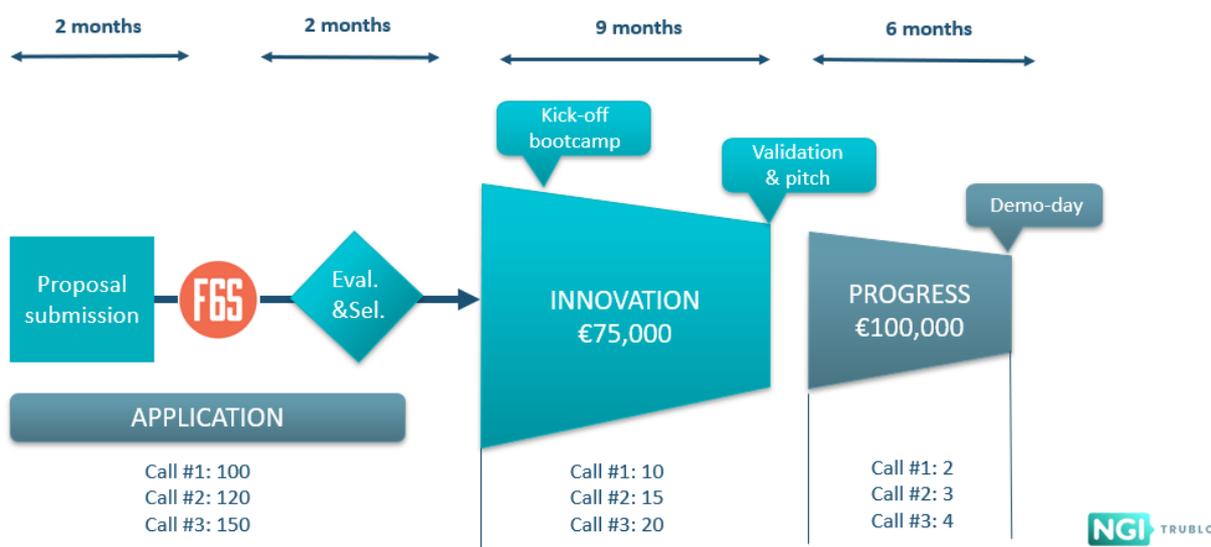
Following the spirit of the H2020 Call ICT-54 Blockchain for the Next Generation Internet, the TRUBLO Research and Innovation Action encourages open source software and open hardware design, open access to data, standardisation activities, access to testing and operational infrastructure as well as an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

This guide is specifically dedicated to **open Call 1** and outlines the application modalities for this call.

## 1.2 TRUBLO PROGRAMME

To fully leverage the potential benefits of Blockchain/DLTs to foster trust in internet information exchange and content, TRUBLO aims to empower the innovation potential of European tech research teams, startups and SMEs by providing access to **specialised knowledge, technology, capital and markets**.

The TRUBLO programme aims to leverage the diverse engaged communities (representing scientific and market stakeholders) potential and, through three open calls, stimulate the technology researchers, startups and SMEs to participate in the TRUBLO programme where they will have access to technology framework and support to generate new value with the initial research concepts. The TRUBLO programme is divided into 2 stages: INNOVATION and PROGRESS. 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.



Each phase is detailed at the overall work plan presented in section 1.3 and section 3. Each phase comprises a set of activities that qualify for financial support. All the funds disbursed will be based on concrete results and not administrative justifications. The fund to third-parties will depend on the phase that each third-party will be able to reach.

## 1.3 TRUBLO CALL 1

The 1st open call aims at initially selecting up to **10 projects** led and executed by a critical number of developers, innovators, researchers, SMEs and entrepreneurs among others, actively involved in research, development and application activities in the fields of Blockchain related technologies. Technologies such as AI, IoT, Cloud and others related to the enhancement of the Blockchain solutions are also welcomed, but without further technical support described in 8.1.1.

Part of the action, experts in diverse fields will also provide to beneficiaries technology development guidance, working methodology as well as access to top infrastructure, training in business and data related topics, coaching, mentoring, visibility and community building support.

**The call is open for submission from 18 January 2021 (12:00 PM CET) to 19th March 2021 (17:00 CET) and its indicative budget is € 950.000.**

Selected applicants will enter a 9-months INNOVATION Stage (Phase 1). From the initial beneficiaries of Phase 1 (up to 10 projects), a subset of 2 beneficiaries will be retained for Progress Stage (Phase 2) according to excellence criteria and will further elaborate the concept proposed in Phase 1.

Phases	Actions	Duration	Budget per project
<b>Phase 1-Innovation</b> <b>14th June 2021 – 11th March 2022</b>	To develop the proposed TRUBLO project and prepare a publication (whitepaper or scientific article) describing their solution	9 months	€ 75.000 (*)
<b>Phase 2- Progress</b> <b>14th March 2022 – 16th September 2022</b>	To develop activities associated with the demonstration/ piloting as well as promotion and exploitation of their project, building an MVP as demonstrator and aiming to engage new customers and/or partners and/or investors.	6 months	€ 100.000 (*)

(\*): Budget for Legal Entities. Budget for natural persons or groups of natural persons see 5.1 section.

### 1.3.1 PHASE 1 INNOVATION: 14TH JUNE 2021 – 11 MARCH 2022

- **Duration:** 9 months, third parties work at their own facilities and occasionally participate in meetings, workshops and training organized by the consortium.
- **Activities and deliverables:** selected teams will be developing the proposed TRUBLO projects in collaboration/ connection with their networks, sector specialists and technology experts, by making use of the TRUBLO blockchain infrastructure and supporting services. What they have to deliver at the end as minimum deliverables is a Whitepaper describing their solution and the impact it can have in the NGI and Media industry and a scientific publication in a prestigious open access journal with high impact.
- **Funding:** €75,000 per third party project, being the payment associated with particular milestones defined between TRUBLO and the third-party.
- **Evaluation to Stage Progress:** analysis of development outcomes, achieved results, stage of development, collaboration with TRUBLO activities and team; business potential of the solution.

Phase 1 Innovation	
<b>Objectives</b>	<ul style="list-style-type: none"> <li>● R&amp;D activities from concept to validation</li> <li>● Participation in TRUBLO kick-off bootcamp, webinars, etc.</li> <li>● Presentation/sharing results to community</li> <li>● open software/ hardware</li> </ul>

<p><b>Expected results and Deliverables</b></p>	<ul style="list-style-type: none"> <li>• Validation of a research concept in a specific environment (preferably in Alastria infrastructure and/or EDMO infrastructure but not obligatory for the participating teams)</li> <li>• White paper / Technical report with the description of the research result and analysis on the impact it can have in the industry</li> <li>• Publication of additional papers in other conferences, magazines and (scientific) journals (optional result)</li> <li>• Joint publication with other teams (optional result)</li> </ul> <p>These expected results must be concreted in the below deliverables:</p> <ul style="list-style-type: none"> <li>• D1.1 Full Research and Innovation Project Proposal</li> <li>• D1.2 Project Solution Design and Business Applicability</li> <li>• D1.3 White paper or Technical report or PoC</li> <li>• D1.4 Scientific or business publication</li> </ul>
<p><b>Duration</b></p>	<p>9 months</p>
<p><b>Funding</b></p>	<ul style="list-style-type: none"> <li>• Total funding of €75,000.</li> <li>• Distributed over sprints of 3 months each (Confirmation 30%, sprint 1: 20%; Sprint 2: 30%; Sprint 3: 20%) and according to the achievement of specific defined milestones/ objectives and participation in TRUBLO events/ bootcamps</li> </ul>

### 1.3.2 PHASE 2 PROGRESS: 14TH MARCH 2022 – 16TH SEPTEMBER 2022

- **Duration:** 6-months, third parties work remotely (at their space) or with potential pilot customer; and participate in several meetings and events where they can promote their project's goals and outcomes;

- **Activities and deliverables:** third parties will develop activities associated with the demonstration/ piloting as well as promotion and exploitation of their project, building an MVP as demonstrator and aiming to engage new customers and/or partners and/or investors. The third-parties will also deliver a Whitepaper describing the evaluation and potential impact of their MVP and present their results in a demo day..

- **Funding:** €100,000 per third-party, attached to the achievement of particular milestones along the 6-months and the participation relevant TRUBLO events and planned promotion/ commercial activities of this stage.

- **Evaluation of Phase Progress:** analysis of pilot results, possible customers product acceptance/ validation, business traction, participation in TRUBLO activities as well as international events, potential scientific, social and economic impact.

<p><b>Phase 2 Progress</b></p>	
<p><b>Objectives</b></p>	<ul style="list-style-type: none"> <li>• Build synergies and have cross-collaboration activities with other projects and/or stakeholders</li> <li>• Create a Proof of Concept and Minimum Viable Product (MVP)</li> </ul>

	<ul style="list-style-type: none"> <li>• Validation of MVP in a specific environment (preferably in Alastria infrastructure and/or EDMO infrastructure but not obligatory for the participating teams)</li> <li>• Work together with potential users / customers (early adopters)</li> <li>• Participate in knowledge transfer events organised by TRUBLO Consortium</li> </ul>
<b>Expected results and Deliverables</b>	<ul style="list-style-type: none"> <li>• MVP in form of a prototype / demonstrator</li> <li>• Demonstration of developed solution with users / customers</li> <li>• Collection of insights and assessment report</li> <li>• Business Model Canvas</li> <li>• White paper detailing the technical aspects of the MVP along with an analysis of future potential and impact</li> <li>• Scientific publications and jointly authored publications with other teams (optional result).</li> </ul> <p>These expected results must be concreted in the below deliverables:</p> <ul style="list-style-type: none"> <li>• D2.1 Detailed Development Plan</li> <li>• D2.2 Detailed Development Plan Monitoring</li> <li>• D2.3 Validation Plan</li> <li>• D2.4 Final report of MVP</li> <li>• D2.5 Demonstration of developed solution with users</li> <li>• D2.6 White paper</li> <li>• D2.7 Business Plan</li> </ul>
<b>Duration</b>	6 months
<b>Funding</b>	<ul style="list-style-type: none"> <li>• Total funding of €100,000.</li> <li>• Distributed over two sprints of three months each and according to the achievement of specific defined milestones/ objectives and participation in TRUBLO events/ bootcamps (Validation &amp; Pitch: 30%, Delivery plan in sprint 1: 20%; Mentor Meeting in Sprint 2: 50%)</li> </ul>

## 1.4 WHAT ARE THE CALL TOPICS TO BE ADDRESSED?

### 1.4.1 TOPIC: TRUST AND REPUTATION MODELS ON BLOCKCHAINS

The purpose of this topic is to invite innovative applications, technologies, technical approaches and methodologies that will increase the levels of trust in blockchain based information exchange. Emphasis will be put on user generated content on the internet and social media. Moreover, data from IoT infrastructures will be considered as well in order to ensure transparency and accountability on infrastructures created by end-users.

Topic Trust and Reputation models on Blockchains can include:

- Engineering new levels of trust from the device, to the application and user-level, including mechanisms for measuring the trustworthiness of the media items and sources.

- Reputation measuring and assessment based on history of transactions as these are being recorded
- Easy to use and understand reputation models applied on blockchain applications, and DApps.
- New ways of monetizing premium user generated content on media platforms through cryptocurrencies, and new solutions on getting access to trustworthy content (including paywalls).
- KYC/AML approaches on blockchains and Dapps related to copyrights on user generated content.
- GDPR compliant privacy enhanced blockchains.

### 1.4.2 TOPIC: PROOF-OF-VALIDITY AND PROOF-OF-LOCATION

This topic will focus on innovative mechanisms that will increase transparency and trustworthiness of user generated genuine content. The transactions generated by the users for sharing content (text, images, video, etc.) in the various social media form a set of interrelated interactions between users and content. This forms consequently a dynamic network (in terms of time and space dimensions) of social interactions between actors in the blockchains and the media items that are being created and shared. **The content to be considered here is mainly genuine user-generated content captured from users' mobile devices.** The users, as being part of a blockchain, can apply additional verification mechanisms that can increase transparency, validity and high level of trustworthiness: namely new Proof-of-Location and Proof-of-Validity mechanisms. While the first one has to do with intrinsic parameters that the mobile devices can provide (e.g. current location of the device when posting a specific article on social media) the Proof of validity is a human-contributed mechanism of validation whereby humans will undergo specific challenges and tests that are focused mainly on human intelligence and capabilities (e.g. recognise if a news item sounds too unrealistic and can be reported as disinformation). The applications under this topic are expected to be disseminated through the European Digital Media Observatory.

Topic Proof-of-validity and Proof-of-location can include:

- Privacy enhancing and preservation mechanisms for content creators while increasing the transparency and verification of the media item that has been generated.
- New algorithms for transparent and collaborative content verification through the use of blockchains
- Content Validation with the use of blockchains, crowdsourcing and Artificial Intelligence based techniques
- Location validation on user generated content
- Innovative uses of blockchain mechanisms and dapps to increase the transparency on media items shared on social media.
- New consensus mechanisms for blockchains that combine existing ones (e.g. Proof of Work, Proof of Stake, etc.) with crowdsourced ones (Proof of Location etc.)
- Dapps for revealing and fighting misinformation and disinformation and contribute to content verification.

## 2. MODALITIES FOR APPLICATION

### 2.1 WHAT TYPE OF PROJECTS WILL BE ELIGIBLE?

Projects must be based on the TRUBLO proposal template (Annex 3) and must clearly fit within

one of the two focus areas aforementioned in section 1.3. Both focus areas require advancing the state of the art, hence the participation of innovators and research groups is essential.

Moreover, the participants should demonstrate their long-term commitment to the TRUBLO research and innovation agenda. The teams will work to demonstrate that the proposed solution progresses from the beginning of the project, reaching a higher maturity level and take-up by the end of the action. Thus, projects in both focus areas must evidence a substantial progress with a particular focus on the interoperability and sustainability of the outcomes. Thus, 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 lasting impact and reusability of results. If not, it should be duly justified.

At the eligibility evaluation stage, if a proposal is considered to better fit another focus area selected by the applicant, this latest will be contacted by the TRUBLO Consortium in order to commonly agree to move the proposal to the relevant topic for evaluation.

## 2.2 WHAT HAPPENS AFTER THE PROPOSALS ARE SUBMITTED?

Immediately after the submission deadline (19 March 2021, 17:00 CET) is over, the evaluation process begins (as described in detail in Section 4 of this Guide).

Experts will evaluate proposals and score them adequately according to the quality of the content presented.

The goal of the process is to select around up to 10 proposals, with the highest scores under both call topics, that will be invited to join the TRUBLO research and innovation action. The exact number of selected projects will be subject to quality of the proposals.

## 3. ELIGIBILITY CRITERIA

All Applicants will have to abide by all general requirements described in this section to be considered eligible for TRUBLO. Therefore, please read this section carefully.

### 3.1 TYPES OF APPLICANTS

The target Applicants of this call are:

- Internet technologists, researchers and innovators.
- Researchers and developers employed in research centres or enterprises among others SMEs, in third-level education institutes, research infrastructures, non-profit organisations and charitable (scientific) foundations.

These Applicants' profiles can apply as individuals or linked to a legal entity. Hence, the participation is possible in several ways:

- Natural person(s):  
One or more individuals (team); established in any eligible country (see section 3.2). This does not consider the country of origin but the residence permit.
- Legal entity:
  - One or more entities (consortium); established in an eligible country (see section 3.2);
  - Universities, research centres, NGOs, foundations, micro, small and medium-sized enterprises (see definition of SME according to the Commission Recommendation 2003/361/EC), large enterprises are eligible.

- Any combination of the above.

In addition, the following condition apply:

- The participating organisations should not have been declared bankrupt or have initiated bankruptcy procedures.
- The organisations or individuals applying should not have convictions for fraudulent behaviour, other financial irregularities, and unethical or illegal business practices.

## 3.2 ELIGIBLE COUNTRIES

Only Applicants legally established/resident in any of the following countries (hereafter collectively identified as the “Eligible Countries”) are eligible:

- The Member States (MS) of the European Union (EU), including their outermost regions;
- The Overseas Countries and Territories (OCT) linked to the Member States<sup>1</sup>;
- H2020 associated countries (those which signed an agreement with the Union as identified in Article 7 of the Horizon 2020 Regulation): according to the updated list published by the EC<sup>2</sup>;
- The UK applicants are eligible under the conditions set by the EC for H2020 participation at the time of the deadline of the call.

## 3.3 LANGUAGE

English is the official language for TRUBLO open calls. Submissions done in any other language will be disregarded and not evaluated.

English is also the only official language during the whole execution of the TRUBLO programme. This means any requested submission of deliverables will be done in English in order to be eligible.

## 3.4 PROPOSAL SUBMISSION

Proposals must be submitted electronically, using the TRUBLO Online Submission Service accessible via the F6S platform available at: <https://www.f6s.com/trublopecall/apply>. Proposals submitted by any other means, will not be evaluated.

Only the documentation included in the application will be considered by evaluators. It will be composed by a form with administrative questions to be completed directly in the platform and the proposal description attached in PDF format.

The information provided should be actual, true and complete and should allow the assessment of the proposal.

The preparation and submission of the proposal and other actions that follow this procedure (such as withdrawal) fall under the final responsibility of the applicant.

### 3.4.1 MULTIPLE SUBMISSIONS

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This call is competitive and applicants should focus on one specific topic, therefore only one

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<sup>1</sup> Entities from Overseas Countries and Territories (OCT) are eligible for funding under the same conditions as entities from the Member States to which the OCT in question is linked

<sup>2</sup> [https://ec.europa.eu/research/participants/data/ref/h2020/grants\\_manual/hi/3cpart/h2020-hi-list-ac\\_en.pdf](https://ec.europa.eu/research/participants/data/ref/h2020/grants_manual/hi/3cpart/h2020-hi-list-ac_en.pdf)



proposal per applicant may be submitted to this call, whether this is a legal entity or a natural person.

In the event of multiple submissions, only the last one received (timestamp of the system) will enter into the evaluation process. Any other submitted proposals involving the same applicant will be declared non-eligible and will not be evaluated in any case.

In the case of Applicants applying as natural person (or group of individuals):

- A natural person will be selected for funding only once, as in the case of one legal entity.
- If a natural person is taking part in several teams:

- The members of the other teams will be informed about the participation of a natural person in multiple teams.

- The natural person participating in multiple teams will be disqualified.

Note that the regular functioning of the F6S platform limits to one application submission per F6S user in each call. If an F6S user wishes to submit more than one application, for example on behalf of different legal entities, the F6S user should request support from the F6S support team ([support@f6s.com](mailto:support@f6s.com)) at least 10 days prior the open call deadline.

### 3.4.2 COMPLIANT DUE TO A TECHNICAL ERROR OF THE TRUBLO ONLINE SUBMISSION SERVICE

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If you experience any problem with the application submission system prior the deadline of the open call you should reach F6S by e-mail through [support@f6s.com](mailto:support@f6s.com) cc'ing the TRUBLO Team ([support@f6s.com](mailto:support@f6s.com)), and explain your situation.

If you believe that the submission of your proposal was not entirely successful due to a technical error on the side of the TRUBLO Online Submission Service, you may lodge a complaint by email through [support@f6s.com](mailto:support@f6s.com) cc'ing the TRUBLO Team ([support@f6s.com](mailto:support@f6s.com)) and explain your situation. For the complaint to be admissible it must be filed within 4 calendar days following the day of the call closure. You will receive an acknowledgement of receipt, the same or next working day.

What else to do? You should secure a PDF version of all the documents of your proposal holding a time stamp (file attributes listing the date and time of creation and last modification) that is prior to the call deadline, as well as any proof of the alleged failure (e.g. screen shots). Later in the procedure you may be requested by the TRUBLO Helpdesk to provide these items.

For your complaint to be upheld, the IT audit trail (application log files and access log files of TRUBLO Online Submission Service) must show that there was indeed a technical problem at the TRUBLO consortium side which prevented you from submitting your proposal using the electronic submission system.

Applicants will be notified about the outcome of their complaint within the time indicated in the acknowledgment of receipt. If a complaint is upheld, the secured files (provided to the IT helpdesk) for which the investigation has demonstrated that technical problems at the TRUBLO consortium side prevented submission will be used as a reference for accepting the proposal for evaluation.

## 3.5 CONFIDENTIALITY AND DEADLINE

Any information regarding the proposal will be treated in a strictly confidential manner.

Only proposals submitted before the deadline will be accepted. After the call closure no additions or changes to received proposals will be taken into account.

Proposals must be submitted **before 19 March 2021, 17:00 CET**. To avoid missing the

deadline, you are encouraged to submit your proposal as soon as possible.

### 3.6 CONFLICT OF INTEREST

Applicants shall not have any actual or/and potential conflict of interest with the TRUBLO selection process and during the whole programme. They must formally notify the TRUBLO coordinator without delay any situation constituting or likely to lead to a conflict of interests and immediately take all the necessary steps to rectify this situation. All cases of conflict of interest will be assessed case by case. In particular, applicants must take all measures to prevent any situation where the impartial and objective implementation of the project is compromised for reasons involving economic interest, political or national affinity, family or emotional ties or any other shared interest ('conflict of interests').

Special mention of conflict of interest with the ONTOCHAIN project, also funded by the EU. ONTOCHAIN applicants with funding cannot participate in the TRUBLO project. Partners or affiliates of ONTOCHAIN consortium cannot participate as applicants either.

If a conflict of interest is discovered and confirmed at the time of the evaluation process, the proposal will be considered as non-eligible and will not be evaluated.

### 3.7 OTHER

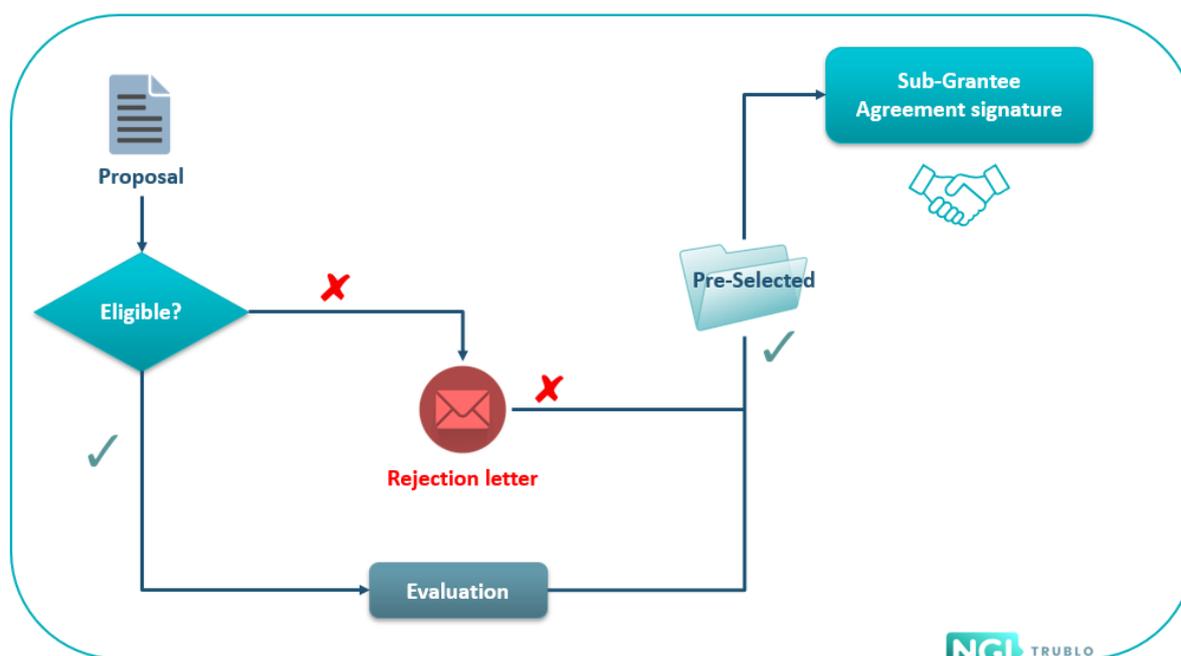
Each applicant must confirm:

- It is not under liquidation or is not an enterprise under difficulty accordingly to the Commission Regulation No 651/2014, art. 2.18,
- Its project is based on the original works and going forward any foreseen developments are free from third party rights, or they are clearly stated.
- The project is based on work that has not been developed and offered as a commercial product or solution.
- It is not excluded from the possibility of obtaining EU funding under the provisions of both national and EU law, or by a decision of both national or EU authority.

## 4. OPEN CALL EVALUATION PROCESS

### 4.1 PROPOSAL EVALUATION AND ACCESS TO TRUBLO FUNDING

Proposals are submitted in a single stage and evaluated in one step as presented hereafter.



#### 4.1.1 CHECK OF PROPOSAL ELIGIBILITY

Admissibility and eligibility criteria for each proposal are checked by the TRUBLO Consortium team. A proposal may be declared ineligible or inadmissible at any stage.

To be considered admissible, a proposal must be:

- Submitted in the electronic submission system before the call deadline;
- Readable, accessible and printable;
- Complete and include the requested administrative data, and any obligatory supporting documents specified in the call (following the template presented in Annex 1 and in Annex 3 if necessary);
- Include the research proposal description. Applicants must follow the template and instructions for drafting the research proposal included in this guide (Annex 3).

A proposal will only be considered eligible if its content corresponds specifically to the topics of the TRUBLO Call 1, including the specific eligibility conditions set out in the relevant parts of this guide (see section 3 of this guide). The eligibility filter enable the creation of a shortlist of proposals to be evaluated.

#### 4.1.2 PROPOSAL EVALUATION

The evaluation of proposals is carried out by the TRUBLO Consortium with the assistance of independent experts. TRUBLO Consortium team ensures that the process is fair and in line with the principles contained in the European Commission's rules on Proposal submission and evaluation.

Experts perform evaluations on a personal basis, not as representatives of their employer, their country or any other entity. They are required to be independent, impartial and objective, and to behave throughout in a professional manner. They sign an expert contract, including a declaration of confidentiality and absence of conflict of interest, before beginning their work.

All experts must declare beforehand any known conflicts of interest and must immediately inform the TRUBLO Consortium team members if they detect a conflict of interest during the course of the evaluation. The expert contract also requires experts to maintain strict

confidentiality with respect to the whole evaluation process. They must follow any instruction given by the TRUBLO Consortium to ensure this. Under no circumstance may an expert attempt to contact an applicant on his/her own account, during the evaluation process. Confidentiality rules must be adhered to at all times before, during and after the evaluation.

Each proposal is evaluated by a set of 2 experts according to the following criteria:

### **1-Excellence and innovation (40% weighting)**

Clarity, pertinence, soundness of the concept and credibility of the proposed methodology

Extent that the proposed work is beyond the state of the art, and demonstrates innovation potential (e.g. ground-breaking objectives, novel concepts and approaches, new products, services or business and organisational models)

Excellence/Capacity of the applicant

### **2-Expected impact and value for money (30% weighting)**

Contribution to establishing and strengthening a durable software ecosystem to achieve trustworthy content handling and information exchange as well as trustworthy service exchange in the next generation Internet/social networks.

Impact of the innovation on the needs of European and global markets

Quality of the proposed measures to exploit and disseminate the project results (including management of IPR), and to manage research data where relevant.

### **3-Project Implementation (30% weighting)**

Quality and effectiveness of the work plan, including extent to which the resources assigned to the work are in line with its objective and deliverables

The experts will score each award criterion on a scale from 0 to 5. For each criterion under examination, score values will indicate the following assessments:

- **0: Fail.** The proposal fails to address the criterion under examination or cannot be judged due to missing or incomplete information.
- **1: Poor.** Criterion is inadequately addressed, or there are serious inherent weaknesses.
- **2: Fair.** Proposal broadly addressed the criterion but there are significant weaknesses.
- **3: Good.** The proposal addresses the criterion well, although certain improvements are possible.
- **4: Very Good.** The proposal addresses the criterion well, but a number of shortcomings is present.
- **5: Excellent.** The proposal successfully addresses all relevant aspects of the criterion in question. Any shortcomings are minor.

For each criterion, the minimum threshold is 3 out of 5 points. The default overall threshold, applying to the sum of the three individual scores with the corresponding weight each, is 10.

Top ranked projects coming from Remote Evaluation performed by the 2 experts, (in case of the submission of proposals twice as many as the number of expected funded projects) will be invited to participate in Remote Interview, where teams are expected to pitch/ explain their

project and answer to reviewers questions.

The interview will be followed by a consensus meeting to align expert evaluation reports.

The TRUBLO consortium then formally approves a list of Top ranked proposals coming out of Remote Interview within the limits of the available funding. Up to 10 projects addressing both topics should be selected. The list of selected projects is then submitted to the European Commission for final screening.

Regarding the communication of the results, each applicant will receive via e-mail a letter informing of the decision whether a rejection decision or an invitation to negotiation and following steps.

### 4.1.3 SCIENTIFIC MISCONDUCT AND RESEARCH INTEGRITY

Issues of scientific misconduct and research integrity are taken very seriously. In line with the Horizon 2020 Rules for Participation, appropriate action such as termination of the Grant Agreement Preparation phase or, if the Grant Agreement has been signed, the implementation of liquidated damages and financial penalties, suspension of payments, recoveries and termination of the Grant Agreement, will be taken against any applicants/beneficiaries found to have misrepresented, fabricated or plagiarised any part of their proposal.

## 4.2 THE NEGOTIATION PROCESS

The objective of the negotiations is to fulfil the legal requirements between the TRUBLO consortium and each selected project of the call. It covers essentially the status information of the beneficiaries. The legal requirements for legal entities and natural persons are provided in the table hereafter.

For legal entities	For natural persons
<p><b>A legal existence:</b></p> <p>Company Register, Official Journal and so forth, showing the name of the organization, the legal address and registration number and, if applicable, a copy of a document proving VAT registration (in case the VAT number does not show on the registration extract or its equivalent)</p> <p><b>Specifically for SMEs:</b></p> <ol style="list-style-type: none"> <li>A proof of the SME condition is required:                     <ul style="list-style-type: none"> <li>- If the applicant has been fully validated as an SME on the Beneficiary Register of the H2020 Participant Portal, the PIC number must be provided.</li> <li>- If the applicant has not been fully validated as an SME on the H2020 Participant Portal, the following documents will be required to prove the status as an SME:</li> </ul> </li> <li>In the event the beneficiary declare being non-autonomous, <b>the balance sheet and profit and loss account</b> (with annexes) for the <b>last period</b> for upstream and downstream organizations is required.</li> </ol>	<p>A copy of the ID-card or passport of participant(s) in the project team will be required.</p> <p>A proof for each participant in the project that (s)he is legally established and working in an eligible country (see section 3.2).</p>



<p><b>3. Status Information Form.</b> It includes the headcount (AWU), balance, profit &amp; loss accounts of the latest closed financial year and the relation, upstream and downstream, of any linked or partner company.</p> <p><b>4. Supporting documents.</b> In cases where either the number of employees or the ownership is not clearly identified: any other supporting documents which demonstrate headcount and ownership such as payroll details, annual reports, national regional, association records, etc.</p>	
<p><b>Bank account information:</b> The account where the funds will be transferred will be indicated via a financial information form signed by the entity, individuals and the bank owners. The holder of the account will be the legal entity and/or all the individuals or the coordinator of the group on its own (consortium of legal entities or consortium of legal entities and natural persons) if allowed by the other team members.</p>	
<p><b>Sub-grantee funding agreement:</b> Signed between the TRUBLO Consortium (represented by its coordinator European Dynamics), and the beneficiary/ies.</p>	

The information request, by the TRUBLO consortium will be done including deadlines. Failing to meet the deadlines requested will directly end up the negotiation process.

### 4.3 MONITORING PROCESS ALL ALONG THE TWO PHASES OF CALL 1

As part of the evaluation of each phase, to monitor the progress and proper evolution of the teams, some requirements are defined:

		<b>Monitoring process</b>
<b>Phase Innovation</b>	<b>1-</b>	<p>Third parties taking part in the Innovation Phase will perform basic and applied research and have to produce beyond the state of the art scientific results. The monitoring of the progress during the Innovation phase will be based in the completion and evaluation of deliverables:</p> <ul style="list-style-type: none"> <li>● M1: D1.1 Full Research and Innovation Project Proposal</li> <li>● M3: D1.2 Project Solution Design and Business Applicability</li> <li>● M6: D1.3 Technical Report</li> <li>● M9: D1.4 White paper and Scientific or Business Publication or PoC</li> </ul> <p>The amount assigned to the Innovation Phase will be distributed in payments associated with results and milestones described in 5.1 and 5.2.</p>
<b>Phase Progress</b>	<b>2 -</b>	<p>A similar monitoring process will be applied for the Progress Phase. This will be mainly focused in the development of an MVP with the adequate business approach supported by the completion and evaluation of deliverables:</p> <ul style="list-style-type: none"> <li>● M10: D2.1 Detailed Development Plan</li> <li>● M12: D2.2 Detailed Development Plan Monitoring. D2.3 Validation Plan</li> </ul>

	<ul style="list-style-type: none"> <li>M15: D2.4 Report of MVP. D2.5 Demonstration of developed solution with users. D2.6 White Paper. D2.7 Business Plan</li> </ul> <p>The total amount assigned to the Innovation Phase will be distributed in payments associated with results and milestones described in 5.1 and 5.2.</p>
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## 5. FINANCIAL SUPPORT PROVIDED

The distribution of the indicative budget of the call will be proportional to the number of eligible proposals received for both topics.

### 5.1 INDICATIVE DISTRIBUTION OF FUNDS

Selected teams will become part of the TRUBLO programme and will go through an exhaustive sequential process which will last for best applicants 9 months (Phase 1) and 15 months (Phase 2), each divided into three-month sprints. The maximum amount of the fund will vary depending on the type of team (See Section 3.1 Type of Beneficiaries) as indicated in the table below and providing that all of the 2 phases have been completed.

Type of team	Phase 1	Phase 2	Maximum funding
Natural person	37 500€	50 000€	87 500€
Team of natural persons	56 250€	75 000€	131 250€
Legal entity or consortium of legal entities or combination of legal entities and natural persons	75 000€	100 000€	175 000€

For each phase, a pre-financing payment will be made during the first month and the remaining payments will be based on concrete results that will be evaluated at the end of the corresponding sprint. For the first phase, payments will be made in four instalments and for the second phase payments will be made in three instalments

#### Phase 1 – Innovation

- Start of the implementation and pre-financing: During the first week of the Innovation phase, each team will define with its coach the KPI's to be achieved during the Innovation phase as well as in its intermediate milestones. These KPIs will measure the technological advance, the progress in the business as well as the involvement and commitment of the teams (attendance to the meetings, fulfilling the deadlines for reporting, etc). After this KPIs definition, and the attendance to the welcome event where coaches, partners and teams will know each other, the pre-financing of 30% of the total amount will be delivered.
- 1<sup>st</sup> Sprint: after the first sprint of the innovation phase, the coaches will assess the percentage of execution of the project based in the fulfillment of KPI's. A 100% completion of KPIs will release the total of the 2nd payment, which is the 20% of the total amount of this phase. A lower completion of the tasks will launch the proportional payment. If the KPIs are met by less than 50% the payment will be retained until the end of the Innovation Phase. If Less than a 25%, the teams will be automatically disqualified from the process.
- 2<sup>nd</sup> Sprint: when the second sprint has been completed, a new assessment process will be done by the coaches, in order to review the fulfillment degree of the KPI's. Following the same model stated for the previous review, the completion of the 100% will release the total 3<sup>rd</sup> payment, 30% of the total

amount of the Innovation phase. Lower completion of the task will launch the proportional payment. If the KPIs met by less than 50% the payment will be retained until the end of the phase. If less than a 25% is met, the teams will be automatically disqualified.

- 3<sup>rd</sup> Sprint: For the last sprint of this phase, the same logic as before will be followed. Teams will be paid according to their degree of fulfillment of KPI's. The 20% of the total amount in the case of a 100% fully completion. Only is the percentage of completion in under 25% the team will be disqualified, and no further payment released. This stage will end with a Validation and Pitch session where the teams will defend their projects before the TRUBLO consortium. Two of them will be selected to continue in the Progress phase.

### Phase 2 – Progress

- Pre-financing payment: after the Validation and Pitch session the teams selected for continuing in the Progress phase will meet with the coaches and define the KPIs to be achieved during the Progress phase, as well as the mid-term milestones. After that, a new pre-financing of 30% of the total amount will be released to face the Progress phase.
- 1<sup>st</sup> Sprint: after the first sprint of the progress phase, the coaches will assess the percentage of execution of the project based on the fulfillment of KPI's. A 100% completion of KPIs will release the total of the 2nd payment, which is the 20% of the total amount of this phase. A lower completion of the tasks will launch the proportional payment. If the KPIs are met by less than 50% the payment will be retained until the end of the Progress Phase. If Less than a 25%, the teams will be automatically disqualified from the process.
- 2<sup>nd</sup> Sprint: For the last sprint of this phase, the same logic as before will be followed. Teams will be paid according to their degree of fulfillment of KPI's. The 50% of the total amount in the case of a 100% full completion. Only is the percentage of completion in under 25% the team will be disqualified, and no further payment released.

## 5.2 SUMMARY OF FUNDING PER TYPE OF BENEFICIARY

	Innovation Phase				Progress Phase		
	Pre financing 30% of the total funding	Sprint 1.1 20% of the total funding	Sprint 1.2 30% of the total funding	Sprint 1.3 20% of the total funding	Pre financing 30% of the total funding	Sprint 2.1 20% of the total funding	Sprint 2.2 50% of the total funding
Indicative Dates	End M1	End M3	End M6	End M9	End M10	End M12	End M15
One natural person	11250€	7500€	11250€	7500€	15000€	10000€	25000€
Group of natural	16875€	11250€	16875€	11250€	22500€	15000€	37500€



persons							
Legal Entity(es) or combination of legal entities or combination of legal entity (ies) and individual(s)	22500€	15000€	22500€	15000€	30000€	20000€	50000€

These numbers are indicatives, detailed payment schedule and payment conditions will be settled in the Sub-grant Agreement.

In the case of projects with multiple beneficiaries, the payments will be done to the coordinator. The coordinator must distribute the payments between the beneficiaries and it will be done according to the conditions set in the Consortium Agreement, signed by all the beneficiaries, previous to the signature of this Sub grantee Agreement.

### 5.2.1 ORIGIN OF THE FUNDS

Any selected proposer will sign a dedicated Sub-Grantee Funding Agreement with the TRUBLO project coordinator (on behalf of TRUBLO Consortium). The funds attached to the Sub-Grantee Funding Agreement come directly from the funds of the European Project TRUBLO, and the TRUBLO consortium is managing the funds according to the Grant Agreement Number 957228 signed with the European Commission.

As will be indicated in the Sub-Grantee Funding Agreement, this relation between the sub-grantees and the European Commission through TRUBLO project carries a set of obligations to the sub-grantees with the European Commission. It is the task of the sub-grantees to accomplish them, and of the TRUBLO consortium partners to inform about them.

## 6. PREPARATION AND SUBMISSION OF PROPOSALS

The submission will be done through the F6S platform (<https://www.f6s.com/trublopencall/apply>) which is directly linked with the TRUBLO Programme. **The applicants are required to register a profile at FS6 to be able to submit a proposal.**

The documents that will be submitted are:

- **Application form:** administrative questions to be completed directly in the F6S platform: <https://www.f6s.com/trublopencall/apply>  
In addition, some general questions for statistic purpose and tick boxes to be clicked by the third parties confirming they have read the conditions and agree with the conditions defined in this document. In addition, an ANNEX 3.1 will be uploaded in case that more than 3 applicants participate as individuals (natural persons) or/and more than 3 applicants participate as organisations (Legal entities) filled with the information about the applicant(s) that do not fit in the application form.
- **Proposal description:** document in PDF format containing the description of the project. It will include three different sections:

- (1) Project Summary,
- (2) Organisation background,



(3) Detailed proposal description.

The project proposals must strictly adhere to the template provided by the TRUBLO consortium via the F6S platform, which defines sections and the overall length.

## 7. APPLICANTS COMMUNICATION FLOW

### 7.1 GENERAL COMMUNICATION FLOW

The applicants will receive communications after each step of the evaluation process indicating if they passed or not. A communication will also be sent to applicants rejected, including the reasons for the exclusion.

### 7.2 APPEAL PROCEDURE

If, at any stage of the evaluation process, the applicant considers that a mistake has been made or that the evaluators have acted unfairly or have failed to comply with the rules of this TRUBLO open Call, and that her/his interests have been prejudiced as a result, the following appeal procedures are available.

A complaint should be drawn up in English and submitted by email to:

[support@trublo.eu](mailto:support@trublo.eu)

Any complaint made should include:

- Contact details;
- The subject of the complaint;
- Information and evidence regarding the alleged breach.

Anonymous complaints or those not providing the mentioned information will not be considered. Complaints should also be made within five (calendar) days since the announcement of the evaluation results to the applicants.

As a general rule, the TRUBLO Team will investigate the complaints with a view to arriving at a decision to issue a formal notice or to close the case within no more than twenty days from the date of reception of the complaint, provided that all the required information has been submitted by the complainant. Whenever this time limit is exceeded, the TRUBLO Consortium will inform the complainant by email of the reasons for the unforeseen delay and the subsequent steps.

## 8. SUPPORT AND TECHNICAL INFRASTRUCTURES

The TRUBLO project will provide a unique and very competitive mixture of supporting services to the funded third parties, using TRUBLO technical infrastructure. The mixture contains **Technical Support Services** (including the provision of the Alastria blockchain infrastructure), **Business and Innovation Support Services** to further strengthen the innovation capacity of the selected third-parties projects and **Technical Knowledge Support & Training Services** which will strengthen the skills of the project teams and act as a facility for further knowledge transfer. These services are described in the sequel.

### 8.1 TECHNICAL SUPPORT (TESS)

TRUBLO will offer the following Technical Support Services:

### 8.1.1 ALASTRIA NETWORK

For the TRUBLO participants, Alastria will provide to use two of the Blockchain networks to use: the Red-T network based on Quorum technology and the Red-B network based on Hyperledger Besu technology, both of them are Ethereum-type networks.

The TRUBLO project will provide a Portal to request the different services that are going to be provided:

- An **Alastria Self Sovereign Identity** (AlastriaID) that you can incorporate to your projects to use Verifiable Credentials and for basic use of the TRUBLO Services.
- A **TRUBLO GitHub repository** space(s) for your projects if you do not want to set your own spaces. This will also facilitate the open-source enhancements that TRUBLO is emphasizing for the projects.
- A **Node-Requester-Mechanism\*** if you want to host your own Blockchain node and just connect to the networks
- Or a **Node-As-A-Service\*** if you want to Alastria to host your Blockchain node for you.
- A **TRUBLO Wallet** to use the AlastriaID and to request all of the TRUBLO Services in the Portal.
- **Smartcontracts Test Tool** to validate your Smart contracts based on Best Practices (coding) and Best Practices (security)
- **Smartcontracts deployment Tool** to deploy your Smart Contracts in one of the network in a secure way) without no technical expertise
- **Storage-as-a-Service** for your project storage requirements (up to a certain limit of space based on TRUBLO Credits)
- **Dashboard** mechanism for statistics of usage/activity of your project
- A mechanism for **connectivity to the European Observatory against Disinformation Verification Platform**

All these services, wallet and Portal will be available for users at the beginning of the Phase 1 (Innovation)

\* **IMPORTANT NOTICE:** Node-Requester-Mechanism and Node-As-A-Service are services only available for Legal Entities.

### 8.1.2 EUROPEAN OBSERVATORY AGAINST DISINFORMATION PLATFORM

The European Observatory against Disinformation (<https://www.disinfobservatory.org>) is currently using its own

verification and collaboration platform in order to serve its users' needs. All TRUBLO beneficiaries will be provided with the option to develop applications and solutions that can be integrated (with an API interface) to this platform and tested by a large community of users, in real life scenarios. The main operational features of the verification and collaboration platform used by the European Observatory against disinformation platform are presented as follows:

1. **Content aggregation:** Find and insert an unlimited volume of information by defining content flows from multiple social media platforms and web sources.
2. **Content curation:** Create collections and organize relevant content into collections.
3. **Robust search and filtering:** Aggregate content or search through and inside collections by using a variety of filters (keywords, date, user, location, etc.).
4. **Automated translation:** Translate content from/to any language.
5. **Content analysis:** Analyze the aggregate content with the aid of a variety of tools operated by TrulyMedia, as well as third-party providers.
6. **Editing:** Easily create content and publish it online or insert to editorial systems directly from TrulyMedia.
7. **Collaboration:** Connect with your team members or other organizations to collaboratively analyze and verify online content.

Beneficiaries will be provided with:

- Access to the platform services and provision of relevant cases for fact checking;
- API for accessing thematic aggregated content from SM and web sources
- API for accessing existing fact-checked repositories
- Service for submission of trustworthiness requests. The API can provide verdicts about the trustworthiness of a news item from multiple sources (User generated content, Social Media, News Rooms). Once the request is submitted the Disinformation Observatory evaluation mechanism provides the verdict after the conclusion of the relevant fact checking. Items can be marked as trusted or untrusted.
- training and technical assistance in order to make sure that their solution can be easily integrated and tested, while meeting the user needs and technical requirements of the Observatory.

## 8.2 BUSINESS AND INNOVATION SUPPORT (BISS)

“Business and Innovation Support Services” is a broad term that covers various tasks that support innovation. In the context of TRUBLO, these services aim to facilitate and enhance innovation of start-ups, research teams and SMEs, who will be selected to receive funding from the project in order to develop innovative prototypes and applications. BISS will be offered to the recipients, on demand, by members of the consortium. Each supported entity, either in Phase 1 or Phase 2 of the open Call procedure, will receive an Innovation Voucher equal to 20 credits, which can be “redeemed” according to their needs in one or more of the services offered by the project. The Innovation Voucher Scheme is outlined in the following table:

The support is split into two key areas:

- General business support: Helping, guiding and supporting to get to results. This includes innovation techniques, business modeling and guidance on user needs, feedback to development plans.
- Communication support: To ensure that the teams, their selection and the work done is adequately public, can be found and used for other research and innovation efforts. Here the work is primarily to use the communication channels of the project. A special task is enabling the participants to talk to potential users, e.g. a participant working on a solution for media companies has a chance to interact with domain experts, who will provide potentially critical feedback regarding needs, features, workflows, etc.

	Phase 1 Innovation	Phase 2 Progress
Innovation Feedback & Fine-tuning	<p>Starting strong is probably one of the most critical factors that may determine the success of any idea and project.</p> <p>The TRUBLO team will provide a thorough review and feedback on the applicants’ solutions, both from the technological and the business angle, in order to refine its concept for better</p>	



	addressing current market needs and trends.	
Innovation Brokering	TRUBLO will be connecting different teams and entities, working on similar or complementary technological fields in order to collaborate and therefore add value to their outcomes and products. This activity may also allow Phase 1 applicants to co-develop Phase 2 application with other organisations.	
Innovation Funding		TRUBLO will provide guidance, tips and feedback before and throughout the application process for Identifying alternative European funding sources
Business Modelling and Planning Support		TRUBLO will provide guidance, tools and advisory to the application on how to develop and choose the right business model and how to draft and present a solid, according to standards, business plan.
Awareness Raising	<p>The beneficiaries of TRUBLO funding will be supported with communications services. The goal is to ensure that individual outcomes and outcomes as a whole are easy to find, well described and are communicated to a core community of experts. For this the project will be utilizing the communication and dissemination tools of the project. This includes the TRUBLO website, newsletter, social media channels (primarily Twitter and LinkedIn). Awareness raising will work in three levels:</p> <ul style="list-style-type: none"> <li>● Level 1: Introduce teams and their project, as well as to describe the outcomes. For each team, project and outcome there will be a short profile.</li> <li>● Level 2: General and summarized outcomes of TRUBLO</li> <li>● Level 3: Usage and licensing options for TRUBLO outcomes</li> </ul>	
“Talk to Users” Hotline	<p>TRUBLO will allow establish an “open” line with the end users in order to receive feedback on their concepts and ideas, and validate their assumptions regarding the key users needs for the software. The format here is that participating teams have a chance to present to and discuss with business users. Dw will assist in finding the rights experts, e.g.legal, newsroom, technical infrastructure.</p> <p>The “Talk to Users” format will be set-up as regular business hours once a month. In project phases were most participants work and need feedback the frequency can be extended.</p>	



Adding to the above, TRUBLO will organise a webinar covering a number of business growth related topics (such as Sales, Operations, Business Planning, Valuation etc.). The webinar will be offered and will be open for participation to all successful applicants of the calls.

## 8.3 TECHNICAL KNOWLEDGE SUPPORT AND TRAINING (TEKSUS)

The following set of activities will provide the programme technical/ research logic and vision for the selected projects as well as the corresponding support. TEKSUS will be offered to the recipients, on demand, by members of the consortium.

- **Technical Knowledge Support:** TRUBLO will provide to participants the necessary technical support by answering technical questions and providing scientific content and advice on demand, whenever possible.
- **Technical Training & Mentoring:** TRUBLO will enrich the technical skills of the participants and equip them with the necessary background and baseline knowledge to support innovation, by providing links to all the necessary training material and technical toolkits. These services can include:
  - self-paced courses;
  - e-Classes in which participants will be able to interact live with each other by sharing questions, experiences and solutions;
  - coaching and mentoring sessions.
- **Technical Coordination:** TRUBLO will ensure the thematic and technical coherence and coordination of the projects initiated by the participants as well as cross-fertilization between the projects,, so that the collection of the selected projects contributes towards a significant advancement and impact in the research domain.

The above services will be provided by several means. A **Learning Management System (LMS)** will also be used as an online collaborative platform where participants will find all the necessary services for technical knowledge support and training. This platform will be focused on standard approaches followed in blended learning, distance education, flipped classroom and other e-learning projects in universities, workplaces and other sectors. The main features provided through this platform will be:

- **Training Material Lessons:** For delivering content in flexible ways. Content pages will provide lessons that will support the development and innovation of the new projects.
- **Wiki / Library:** A collection of web pages that anyone can add to or edit, which will include:
  - *List of relevant projects:* A section where the participants will be able to quickly find tenths of other projects relevant to the field of interest of this call. A separate subsection will be provided for the presentation of the projects being funded by TRUBLO.
  - *List of relevant publications:* A section where participants will be able to find (or add) publications or sources relevant to the scientific and technical interests of the participating projects.
  - *List of tools:* A section where participants will be able to find (or add) links to useful tools and the corresponding user manuals. A TRUBLO code repository GitHub may be created to support this feature under <https://github.io/> TRUBLO and easy-accessible by the TRUBLO Portal as defined in the section 8.1.1.
  - *Glossary:* A section which will enable participants to create and maintain a list of definitions, like a dictionary.

- **Forum & Chat:** Means for all participants to have asynchronous and real-time synchronous discussions with mentors, trainers and other members of the community
  - *Question Bank:* This subforum will be the main place where technical knowledge support will be offered, based on questions of the participants.
  - *Surveys:* For gathering data e.g. from participants to help organisers learn about their “class” and to collect feedback, in order to enhance the training material and procedures.

## 9. INTELLECTUAL PROPERTY RIGHTS (IPR)

### 9.1 IPR OWNERSHIP OF THE SUB-GRANTED PROJECTS

The ownership of all IPR created by the beneficiaries, via the TRUBLO funding, will remain with them. Results are owned by the Party that generates them. The Sub-Grant Agreement will introduce provisions concerning joint ownership of the results of the sub-granted projects. This will be assessed and negotiated case by case.

### 9.2 COMMUNICATION OBLIGATIONS

There are no IPR obligations toward the European Commission (EC). However, any communication or publication of the beneficiaries shall clearly indicate that the project has received funding from the European Union via the TRUBLO project, therefore displaying the EU and project logo on all printed and digital material, including websites and press releases. Moreover, beneficiaries must agree that certain information regarding the projects selected for funding can be used by TRUBLO consortium for communication purposes.

## 10. SUPPORT TO APPLICANTS

For more information about the TRUBLO open Calls, please check the Frequently Asked Questions (FAQs) section included at <https://www.trublo.eu/faq/>. For further information on the open call, in case of any doubt regarding the eligibility rules, the information that is to be provided in the Application Form, or if you encountered technical issues or problems with the Application Form, please contact TRUBLO Helpdesk email: [support@trublo.eu](mailto:support@trublo.eu)

## 11. INDICATIVE SCHEDULE

The table below presents the indicative dates during which each phase of TRUBLO open1 will take place.

Description	Indicative dates
<b>Call Publication</b>	18 January 2021 at 12:00 PM CET
<b>Call Deadline</b>	19 March 2021 at 17:00 CET
<b>Evaluation Period</b>	Until 30 April 2021

<b>Signature of Sub-grant Agreement</b>	Until 31 May 2021
<b>Phase 1-Innovation</b>	From 14th June 2021 to 11th March 2022
<b>Phase 2-Progress</b>	From 14th March 2021 to 16th September 2022

## 12. ANNEXES

### 12.1 ANNEX 3- PROPOSAL DESCRIPTION TEMPLATE

[https://www.trublo.eu/wp-content/uploads/2021/01/Annex3\\_TRUBLO-Proposal-Description-Template-1.docx](https://www.trublo.eu/wp-content/uploads/2021/01/Annex3_TRUBLO-Proposal-Description-Template-1.docx)

### 12.2 ANNEX 3.1- TRUBLO ADDITIONAL APPLICANTS TEMPLATE

[https://www.trublo.eu/wp-content/uploads/2021/01/Annex3.1\\_Additional-Applicants-template-TRUBLO.docx](https://www.trublo.eu/wp-content/uploads/2021/01/Annex3.1_Additional-Applicants-template-TRUBLO.docx)

