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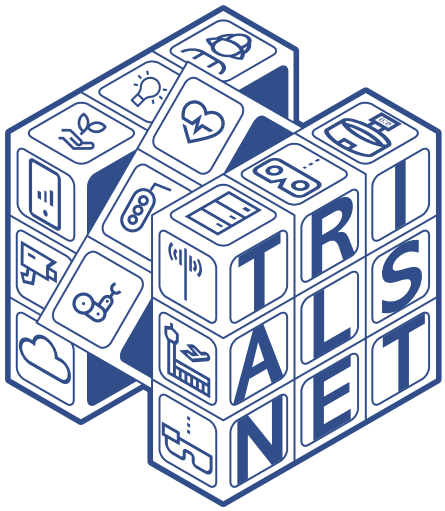
6GSNS



TrialsNet: TRials supported by Smart Networks beyond 5G

Deliverable D7.2

Open call launch, proposal evaluation, and grant awards

Project Details

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Table of Content

List of Acronyms and Abbreviations

Acronym	*Description*
3GPP	3rd Generation Partnership Project
5G	5th Generation mobile Wireless Communication System
6G	6th Generation mobile Wireless Communication System
CERTH	Center for Research and Technology Hellas
DoH	Declaration of Honour
EC	European Commission
ESR	Evaluation Summary Report
ETSI	European Telecommunications Standards Institute
EU	European Union
EuCNC	European Conference on Networks and Communications
FAQ	Frequently Asked Questions
FIF	Financial Identification Form
GoA	Guide of Applicants
HIT	Hellenic Institute of Transport
ICT	Information and Communication Technology
IPR	Intellectual Property Rights
KPI	Key Performance Indicator
KVI	Key Value Indicator
PIIU	Promozione per l'Innovazione fra Industria e Università Associazione
SDG	Sustainable Development Goals
SME	Small Medium Enterprise
TEI	Ericsson Telecomunicazioni S.p.A
UC	Use Case
WP	Work Package

List of Figures

List of Tables

Executive Summary

The primary objective of the TrialsNet Open Call was to onboard new key stakeholders including verticals, companies, research centers, start-ups, and other relevant entities, as well as facilities and infrastructure owners. These stakeholders are to enhance the project's activities, thereby maximizing its impact on accelerating 5G deployment in Europe and promoting Europe's technological sovereignty as it progresses towards 6G. The key actions related to the TrialsNet Open Call to achieve this objective have been:

- Populate the project with innovative use cases and conduct data-driven trials within the three project domains: i) Infrastructure, Transportation, Safety & Security, ii) eHealth and Emergency, and iii) Culture, Tourism, and Entertainment,
- Engage key actors to conduct large-scale trials beyond 5G using diverse and heterogeneous vertical use cases that encompass critical industrial and societal sectors,
- Support the deployment of new trials on the project platforms and network solutions, and expand its infrastructure to additional geographical locations in Europe to complement the main project clusters,
- Execute an intense communication campaign to maximize awareness and understanding among potential applicants, ensuring the successful promotion of the Open Call.

In this context, the Work Package 7 (WP7) of TrialsNet has been responsible for organising the Open Call, ensuring it aligns with the project's goals, methodology, and framework as detailed in WP1 and documented in D1.1 [1]. As part of this effort, WP7 developed a comprehensive set of documents to guide third parties through the application process. Due to the cross-disciplinary nature of this task, the Open Call preparation involved close cooperation with the project's technical WPs: WP2 for platform and network solutions deployment, WP3, WP4, and WP5 for the design and implementation of use cases, and WP6 for establishing the Key Performance Indicators (KPIs) and Key Value Indicators (KVIs) frameworks. Furthermore, a new role, the Open Call Strategy Manager, was created during the preparation phase to oversee the coordination among the technical WPs with the Open Call selected proposals and to devise a unified strategy for launching the Open Call.

This document initially summarises the guidelines that third parties followed to apply for the TrialsNet Open Call, addressing all legal and administrative aspects in alignment with the project's objectives, as well as the technical framework adopted by TrialsNet, including its goals, the domains of urban ecosystems it addresses, the cross-cluster implementation of use cases, the definition, measurement, and evaluation of KPIs and KVIs, and the methodology required for executing large-scale trials, as detailed in D7.1 [2]. Such documentation has been prepared based on the project's deliverables D2.1 [3], D3.1 [4], D4.1 [5], D5.1 [6], and D6.1 [7] respectively. Additionally, this document describes the Open Call schedule and the promotional efforts undertaken.

The main part of this deliverable is then focusing on the Open Call results, covering the applied procedures, the content of applicants' offers, and an analysis of the selected proposals. It also emphasizes on the contracting phase, including the process, timing and lessons learnt.

To support applicants in preparing their proposals, TrialsNet organized two webinars: the first on 7 November 2023, focusing on the terms and conditions of the Open Call, and the second on 5 December 2023, to present the project's sites and infrastructure and to explain the KPIs and KVIs frameworks for measurement and evaluation. TrialsNet also participated in the "From 5G to 6G: Opportunities for European Start-ups and SMEs" webinar on 7 December 2023, providing detailed guidance on navigating Open Call procedures to the participants. Applicants also benefited from a Feasibility Check procedure, which allowed them to share their intentions and verify the feasibility of their proposals, receiving informal and non-binding feedback. This deliverable also details about a help desk that was established to address all administrative and technical inquiries from applicants. Furthermore, this document explains the evaluation process, which followed criteria similar to those of the Horizon Europe programme.

Lastly, it should be emphasized that the Open Call launch was designed to be flexible, enabling adjustments based on applicant feedback and project challenges, to ensure a balanced and fair process for all third parties interested in applying. For example, TrialsNet created templates for proposal descriptions, budget requests, and feasibility checks, and maintained a live web page on the project website, where frequently asked questions (FAQs) were addressed.

1 Introduction

The WP7, titled “Open Call and Support to Third Parties”, is responsible for the management of the project’s Open Call and to provide support to third parties in line with the project objectives and structure. In the context of WP7, the Task 7.2 (T7.2) “Open Call Launch, proposal Evaluation, and Grants Award”, is responsible for the promotion of the Open Call, encompassing various tools and channels, thorough evaluation of proposals, involving multiple steps including also external expert evaluations, as well as legal and administrative support for selected applicants.

The deliverable corresponds to T7.2 of WP7 and is organized as follows.

Section 2 meticulously lays out an overview of the TrialsNet Open Call, in terms of the project’s motivation, vision and goals, use cases and infrastructures. It emphasizes on the objectives and terms of the Call, the grants offered by the Call (including the payment schedule) and the submission of the applications. It also details about the evaluation process, incorporating the criteria for proposal evaluation. Finally, it provides information about the feasibility check procedures, intellectual property rights (IPR) and the ethics requirements.

Section 3 outlines the comprehensive efforts undertaken to promote the TrialsNet Open Call. It delves into the methodologies and strategies employed to reach the target audience, the tools and channels utilized for dissemination, and the resulting engagement statistics.

Section 4 is dedicated to highlighting the Helpdesk activities that were carried out during the implementation of the TrialsNet Open Call in facilitating smooth operations.

Section 5 furnishes an overview of the outcomes from the TrialsNet Open Call. It includes an analysis of the proposals received, detailed results, and the methodology used for evaluation. It elucidates the breakdown of the received proposals, offering insights into the volume and diversity of submissions received during the Open Call period, prioritization strategies for proposals with identical scores, and a thorough examination of proposals based on KPIs and KVIs.

Section 6 provides information about the contractual phase for the selected applicants. By presenting the process, timing, and lessons learnt, this chapter aims to offer a comprehensive understanding of how the contracting phase was managed and the structured approach that was adopted to formalize agreements with selected third parties, ensuring that all legal and administrative requirements were met.

Finally, the conclusions section provides a short summary and reports about the next steps. Furthermore, Annex A contains the template for the application forms found on the Funding Box tenders portal. Annex B delivers the Financial Identification Form. Lastly, Annex C offers the list of selected applicants.

2 The Open Call

2.1 Motivation, vision and goals

Smart Cities have gained traction as solutions to enhance “livability” and quality of life. Beyond 5G and 6G technologies offer avenues to positively impact vital social aspects like sustainability, resilience, inclusion, trust, and security.

TrialsNet's vision is to realize significant societal values through the deployment of 5G and beyond applications, paving the way for the next generation of mobile networks. It will conduct large-scale trials to implement a diverse range of innovative 6G applications spanning various technologies, including Cobots, Metaverse, massive twinning, and Internet of Senses. These applications will address three key urban ecosystem domains: i) Infrastructure, Transportation, Security & Safety; ii) eHealth & Emergency; and iii) Culture, Tourism & Entertainment.

TrialsNet aims to foster collaboration and inclusivity by championing open architectures, large experimentation sites, and a multi-stakeholder approach. Through its technological innovations and support for standardization processes like 3GPP and European Telecommunications Standards Institute (ETSI), TrialsNet seeks to bolster Europe's position in the global Information and Communication Technology (ICT) market and advance its leadership in communication technologies and emerging enabling technologies.

2.2 Use Cases and Infrastructures

In the context of the three aforementioned domains, TrialsNet is developing and implementing 13 innovative use cases across wide coverage areas involving diverse sets of real users in four geographical clusters: Italy, Spain, Greece, and Romania. These use cases are designed to be transversal, targeting the identified domains across pan-European clusters. Importantly, variations of the same use case are deployed in multiple clusters, enabling a comprehensive evaluation of network KPIs and KVIs across different contexts and scenarios, including various network deployments and solutions. Documents detailing the sites, related infrastructures, use cases for each cluster, and the TrialsNet framework, including an overview of KPIs and KVIs, can be accessed and downloaded from the Open Call page.

2.3 Objectives of the Call

The TrialsNet project, co-funded by the European Union’s Horizon Europe program, launched an Open Call to invite third parties, such as verticals, companies (including Small Medium Enterprises (SMEs)), research centers, start-ups, and other relevant entities, as well as facility and infrastructure owners, to propose new or complementary use cases. These use cases will further enrich the TrialsNet domains and support large-scale trials beyond 5G.

The proposed use cases should target one of the key areas identified by the project:

- Infrastructure
- Transportation
- Security & Safety
- eHealth
- Emergency
- Culture
- Tourism
- Entertainment

The primary goal of the TrialsNet Open Call is to enhance the project through the following key actions:

- Involve key actors to perform beyond 5G large-scale trials through diversified and heterogeneous vertical use cases that cover key industrial and societal sector.

- Support the deployment of new trials over the project platforms and network solutions, as well as to extend its infrastructures domain in other geographical locations in Europe (to complement the core clusters).

The Open Call aims to maximize the impact and accelerate the adoption of TrialsNet solutions by showcasing their flexibility, user acceptance, and technology transfer capabilities.

By fostering innovative use cases through its Open Call, TrialsNet seeks to enhance and expand beyond 5G demonstration activities, promoting broader adoption and scaling of its solutions towards the next generation of mobile networks.

TrialsNet project prepared a lot of support material for the applicants. They were asked to refer to the TrialsNet website to get more familiar with the project concept, approach, use cases, infrastructures and trials, as well as with the project outcomes so far, and to be informed about the dedicated webinars. Downloadable material related to the Open Call was at the disposal of the applicants on the Open Call page, while the most useful ones were the project deliverables published on the TrialsNet website in the dedicated page.

2.4 Terms of the Call

TrialsNet offered applicants of the Open Call the opportunity to participate through two different options:

- **Option 1:**
  a) **New use case(s)** and field trials **supported by one or more TrialsNet infrastructures** in terms of platforms and network solutions,

  or

  b) **Improvement of TrialsNet use case(s)** by the integration of software applications, features, devices, new users, and datasets
- **Option 2: New use case(s)** leveraging **on new additional field trials infrastructures** such as experimental, private, and/or commercial network deployments.

For both Option 1 and Option 2 single or multiple (maximum 3) beneficiary proposal is possible.

The Open Call has a clear European dimension. Selected sub-projects from the Open Call will be required to provide feedback on necessary improvements and infrastructure evaluations to meet the evolving needs of 5G services. All trials are expected to achieve high levels of exposure and visibility.

2.5 Grants offered by the Open Call

TrialsNet assigned a total of **€5,521,107.25** to offer financial assistance to chosen applicants. Each project will run for 12 months and receive funding of up to **€200,000 (under Option 1)** or **€300,000 (under Option 2)**.

Individual applicants, for both Options, may receive a maximum of €200,000.

The payment will be distributed in three installments, contingent upon the progress of the action, the submission of deliverables, and the achievement of KPIs as outlined in the trial description:

- 20% of the assigned Grant after 1 month from the Grant signature against presentation of a detailed plan of activities,
- 65% at completion of the contracted activities,
- 15% when the EC accepts the projects final results.

2.6 Submission of the applications

The online Application Form had to be completed any time after the launch of the Open Call (16 October 2023) until the 19 January 2024 at 17:00 CET.

Applications were submitted electronically via the dedicated Funding Box tenders portal submission system using the forms provided inside the platform (see Annex A) and required filling in information regarding the following aspects:

- Legal and contact information
- Description of the proposed use case(s) and related trials (a proposal template was provided)
- Applicants' experience
- Applicants' activities plan
- Expected impact
- Applicants' capabilities

The applicant indicated the estimated allocation of resources (person-months) and costs, specifying a budgetary breakdown per direct cost item (staff, travel and subsistence). A 25% (calculated on direct costs) flat rate as overhead costs could be added. A budget request template was provided.

The form was deactivated on 19 January 2024 at 17:00 PM CET, thus any applications received after the specified deadline were automatically rejected. It was strongly recommended that applicants submit their applications well in advance of the deadline to accommodate any potential technical or connectivity issues and ensure timely delivery. The evaluation was restricted to 60 eligible proposals.

Upon receiving the application, TrialsNet sent a confirmation receipt to the provided email address. This confirmation served as acknowledgment that the application was received on time but did not certify that it was complete and suitable for evaluation.

2.7 Eligibility Check

After the application phase closed, applications were filtered based on eligibility criteria. Applicants were asked to provide additional information to validate their legal entity status by filling out documents related to the "Declaration of Honour on exclusion criteria and absence of conflict of interest," available on the Open Call page. The eligibility rules for participation and funding followed the General Annexes to Horizon Europe for the 2023-2024 Work Programme, allowing legal entities from eligible countries in the EU or associated countries to apply.

Following the Council Implementing Decision 2022/2506, as of 16 December 2022, no legal commitments could be signed with Hungarian public interest trusts established under Hungarian Act IX of 2021 or any entities they maintain, identified using the PIC number. The most recent list of these institutions was available on the EU Funding and Tender Portal.

Organizations could submit multiple proposals, but only one per organization was selected for funding. Beneficiaries of the TrialsNet project were not eligible to participate in this Open Call. Ineligible applications were not evaluated further.

2.8 Evaluation Process

All eligible proposals were evaluated based on criteria aligned to the Horizon Europe programme. The evaluation process was conducted in three stages. Firstly, each proposal was reviewed by a minimum of two external expert evaluators, who were independent individuals not affiliated with or part of the TrialsNet Consortium.

Following individual assessments, the evaluators were convened for a consensus discussion to reach agreement on a unified evaluation report and overall score.

Lastly, to mitigate any potential biases, all evaluators participated in a joint panel discussion alongside project representatives to rank and finalize the shortlisted proposals.

The evaluation was limited to 60 eligible proposals. Priority was given by the time stamp of the completion and submission of the proposal.

The project partners appointed 10 external evaluators, who were paired to evaluate the proposals. Each pair consisted of evaluators from different countries and refrained from assessing proposals from their own countries. This precaution was taken to maintain fairness in the evaluation process.

2.8.1 Criteria for proposal evaluation

The following aspects were considered and evaluated. The criteria that were evaluated are presented in bullet form:

- Capacity of the applicants to perform the field trial (Threshold 3/5; Weight 2).
- Relevance for TrialsNet and for 5G evolution (Threshold 3/5; Weight 2)
- Industrial and/or scientific innovation (Threshold 3/5; Weight 1).
- Clarity and methodology (Threshold 3/5; Weight 1)
- Impact for market and society (Threshold 3/5; Weight 1)
- Technology expertise and quality (Threshold 3/5; Weight 1)

Each criterion was scored on a scale from 0 to 5, as follows:

- **0 - Fail:** The proposal fails to address the criterion under examination or cannot be judged due to missing or incomplete information.
- **1 - Poor:** The criterion is addressed in an inadequate manner, or there are serious inherent weaknesses.
- **2 - Fair:** While the proposal broadly addresses the criterion, there are significant weaknesses.
- **3 - Good:** The proposal addresses the criterion well, although improvements would be necessary.
- **4 - Very good:** The proposal addresses the criterion very well, although certain improvements are still possible.
- **5 - Excellent:** The proposal addresses successfully all aspects of the criterion.

2.9 Feasibility check procedures

During the Open Call period, applicants were encouraged to reach out to the TrialsNet consortium to communicate their intentions of contribution. This step aimed to verify the feasibility of their proposal and to receive informal, non-binding feedback. To initiate the feasibility check process, applicants were required to complete the online Feasibility Check Form, which was accessible through the Open Call page.

Additionally, applicants had the option to submit a draft version of their proposal, utilizing the template provided by TrialsNet, to opencall@trialsnet.eu. In the subject line, they were instructed to include the short name of the proposal to facilitate the provision of detailed information in support of the Feasibility Check Form (see Annex A of D7.1 [2]).

All received requests were processed in the order of their arrival, and feedback was provided within 5 working days.

The deadline for submitting feasibility check requests was **10 December 2023, at 17:00 CET**. A total of 111 requests for feasibility check were received and processed, describing new use cases or enhancements of TrialsNet use cases.

2.10 Intellectual Property Rights

With respect to intellectual property rights (IPR), the principles governing IPR management within the third-party project were defined. The grant awarded to selected applicants will not affect ownership of any pre-existing intellectual property, encompassing background technologies, designs, works, inventions, software, data, techniques, know-how, or materials. The third party contributing to TrialsNet will maintain ownership of the intellectual property.

2.11 Ethics Requirements

The selected beneficiaries are required to adhere to the project's Ethics Requirements, as was explicitly mentioned in Article 2 of the contract as well as the guidance provided by the project.

Additionally, they must follow the instructions and comply with the project’s Data Management Plan.

If applicable, beneficiaries must obtain all necessary ethical and regulatory approvals from the relevant committee(s) before engaging in any project activities that require such approvals. Moreover, when involving human

subjects or their legal guardians, beneficiaries must obtain properly signed informed consent and acknowledgement forms.

Failure to comply with these ethical obligations will be considered a serious violation of the contract, resulting in its premature termination.

3 Promotion Activities

The Open Call promotion was a key activity to the call success. In particular, making potential applicants aware of the opportunity, as well as clarifying the opportunity characteristics and constraints, is the cornerstone to the application by interested and relevant third parties, as well as to their success in the Call execution (i.e., use case integration in the project framework, and its reporting and dissemination). To this extent, we planned and executed a set of promotion activities, following a specific promotion methodology, to maximise the call success. The remaining of this section details the promotion activity carried out and its measurable results.

3.1 Open Call Promotion methodology

In order to select the higher level of third-party use cases, in terms of innovation, impact and development capabilities, as well as to guarantee equal opportunities to all the potential participants, irrespective of their countries, we tried to promote TrialsNet Open Call to the widest possible audience.

The first step of this process consisted in identifying the target audience, accounting both for the call needs and for the entities which could benefit more from the offered opportunity and find it more appealing. Secondly, we identified the available communication channels, accounting both for the usual communication channels of the project partners and for the target audience, including fora, groups, associations, and alliances of the target verticals and entity categories, as well as corresponding groups on social media. Finally, we considered the reach of the identified channels, in terms of number of members and views, as well as the ease of access to the channels.

3.2 Target Audience

TrialsNet Open Call targeted third party, such as verticals, companies (including SMEs), research centers, facilities and infrastructure owners, as participants in its Open Call through the implementation of additional, diversified, and heterogeneous vertical use cases, on a large-scale trial activity. The Open Call admitted both single applicants and small consortia.

The main target audience for the Open Call is represented by SMEs and Startups. Multiple reasons bring to this choice:

- This funding opportunity is very relevant to this kind of audience,
- This kind of audience brings a high degree of innovation,
- This kind of audience is sufficiently flexible to be able to integrate a use case in TrialsNet in the times required by the project.

In second place, the Open Call also targets any enterprise, research center and academic entity with sufficient capacity to carry out the use case integration in the expected times, and with sufficient innovation capability to propose a use case integration innovative enough for the project standards.

3.3 Promotional Tools

On the basis of the analysis performed on the target audience and promotional tools and channels, the project decided to exploit webinars (both by organizing its owns and by participating in webinars organized by third parties) as the main tool to promote the Open Call. These webinars, along with the Open Call itself, were advertised through multiple channels, including the project webpage and social media, as well as specific associations and alliances of the target entities and verticals that project partners also participated in.

Furthermore, the project decided to produce a poster and a leaflet for the Open Call, including a QR code directing to the Open Call section of the project webpage. The poster was presented at the EuCNC'23, while the leaflet was distributed at the conferences attended by the project partners, including EuCNC'23 – digitally, BeHEALTH 2023, and 5G Conference Southeastern Europe.

3.3.1 Webinars

Two webinars have been organized by TrialsNet for the Open Call:

- TrialsNet 1st Open Call Webinar, held on 7 November 2023,
- TrialsNet 2nd Open Call Webinar, held on 5 December 2023.

The first webinar had a more generic approach, introducing the application procedure and tools, as well as the project, the clusters, the working methodology, including the KPI and KVI frameworks, together with a wide Q&A session.

The second webinar had a deeper approach, including a more detailed description of the project sites by the corresponding site managers, as well as a detailed description of the KPI and KVI framework. This webinar was also concluded by a wide Q&A session.

Both webinars counted on the participation of various experts from the project partners, to explain the site details, the involved technologies, the project framework, etc. Both webinars were largely participated (each webinar was attended by more than 100 potential applicants, by different countries in Europe), also thanks to the event advertisement carried out through the project social media, specially addressing the main target audience of the Open Call. The webinars have also been recorded and made available through the project YouTube channel, so that potential applicants could review them there. The two webinars were visualized more than 500 times cumulatively.

Besides the two organized webinars, the project members also participated into webinars organized by third parties to promote the Open Call to a potentially interested audience. In particular, this activity was carried out in the following webinars:

- From 5G to 6G: Opportunities for European Start-ups and SMEs, jointly organized by the European Digital SME Alliance and PIIU, and supported by HEXA X II, it was held on 7 December 2023. The event was also available for off-line view (accounting for 67 views).
- Unleashing cascade funding opportunities - Session#7, organized by Sploro, where the Open Call was presented together with other funding opportunities from NGI Sargasso and Fidal. The webinar was held on 30 November 2023.
- Cum pot avea acces startup-urile la finanțare prin programul TrialsNet, in Romanian, organized by start-up Business and allowing to advertise the Open Call opportunity to Startups and SMEs in Romania. The webinar is available for off-line view and accounts for 66 off-line views.

3.4 Promotional Channels

Additionally, the project leveraged the Funding Box tenders portal and the European Digital SMEs Alliance as the two major channels for promoting the TrialsNet Open Call. These platforms provided extensive reach within the funding and digital SMEs communities, allowing for broad dissemination of information about the Open Call and reaching potential applicants across various sectors and regions.

3.4.1 Funding Box

The Funding Box is a well-known platform that connects innovators, entrepreneurs, and startups with funding opportunities. By leveraging Funding Box, TrialsNet tapped into a vibrant community of technology-driven companies and individuals who are actively seeking opportunities to showcase and scale their innovations. The portal's user-friendly interface and wide reach allowed for efficient communication of the Open Call details, making it accessible to a large number of potential applicants. Moreover, Funding Box did not limit its support to the portal alone; they actively promoted the TrialsNet Open Call through their social media channels. They published dedicated posts, tweets, and updates that highlighted the objectives and benefits of participating in the Open Call. This social media campaign helped in capturing the attention of a broader audience, including those who might not regularly visit the portal but are connected through social networks. Funding Box published the following post on their social media as illustrated in Figure 1:

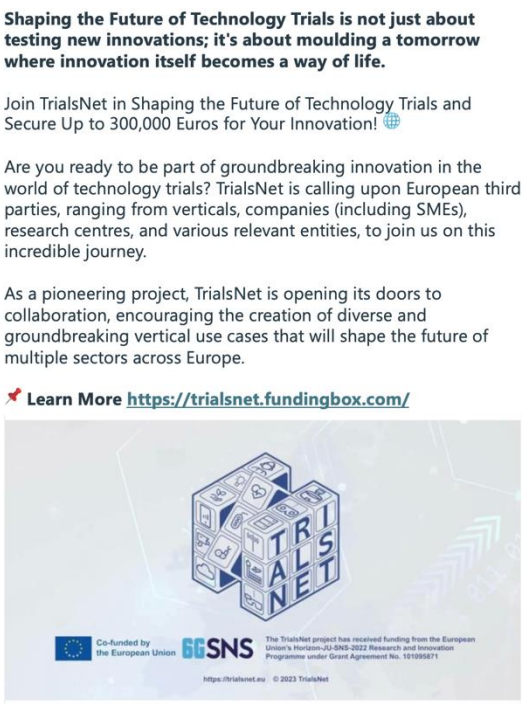


Figure 1. Funding Box post on social media.

The TrialsNet Open Call was prominently featured in the **Funding Box Newsletter**. The four newsletter posts generated significant interest and engagement, as detailed below:

- Funding Opportunities Newsletter, 17 October 2023
  - Opens: 6,418
  - Clicks on TrialsNet Microsite: 36
- Funding Opportunities Newsletter, 7 November 2023
  - Opens: 8,112
  - Clicks on TrialsNet Microsite: 69
- Funding Opportunities Newsletter, 12 December 2023
  - Opens: 8,711
  - Clicks on TrialsNet Microsite: 92
- Funding Opportunities Newsletter, 11 January 2024
  - Opens: 9,632
  - Clicks on TrialsNet Microsite: 59

The TrialsNet Open Call was also promoted through two posts on Funding Box LinkedIn, leveraging the platform's professional network to attract potential applicants and stakeholders:

- Post 1
  - Engagements: 13
  - Impressions: 1,200
  - Clicks: 21
- Post 2
  - Engagements: 17
  - Impressions: 2,300
  - Clicks: 17

The LinkedIn posts generated substantial impressions, reaching a large number of professionals in relevant sectors. The engagements and clicks further indicate that the posts were effective in driving interest and prompting action from viewers.

3.4.2 European Digital SMEs Alliance

On 7 December 2023, the European Digital SMEs Alliance hosted an online workshop titled "From 5G to 6G: Opportunities for European Start-ups and SMEs." This event was meticulously designed to present tailored opportunities for start-ups and SMEs, guiding them through the Open Calls procedures and exploring avenues to support their business growth.

During the session, representatives from TEI and PIIU presented detailed information about the TrialsNet Open Call and the associated procedures. This provided participants with valuable insights into how to navigate the Open Call process and maximize their chances of success.

The promotional campaign for the workshop was thorough and multi-faceted:

- **Webpage-** To ensure wide visibility and participation, a dedicated webpage was created on the Digital SME website. This page included all relevant information, such as the event agenda, speaker details, and guidance on the Open Call procedures.
- **Invitations-** Webinar invitations were sent out to the Digital SME Community and contacts on 23 November and 29 November 2023, reaching a total of 1,227 individuals via email.
- **Social Media Posts-** Three targeted social media posts included tailored graphics and visuals to enhance engagement and reach. They were published on Twitter and LinkedIn on:
    - 23 November (https://www.linkedin.com/feed/update/urn:li:activity:7133433699689213952/, https://x.com/EUdigitalsme/status/1727668322450223482?s=20),
    - 29 November (https://www.linkedin.com/feed/update/urn:li:activity:7135567814257467393/, https://x.com/EUdigitalsme/status/1729802016044560771?s=20), and
    - 6 December 2023 (https://www.linkedin.com/feed/update/urn:li:activity:7138158512508952578/, https://x.com/EUdigitalsme/status/1732392911147274521?s=20)

In addition to the preparatory call with the organizers and technical support provided during the event, the European Digital SMEs Alliance ensured that participants could access the event materials post-session. Links to the video recording and slides shared during the webinar were published on the event webpage, allowing for continued reference and learning.

The event saw robust engagement, with 162 individuals registering and 112 participating. This high level of participation underscores the effectiveness of the European Digital SMEs Alliance's promotional efforts, ensuring broad dissemination and active participation from start-ups and SMEs across Europe.

3.5 Statistics

Measuring the effort and success related to it is a key element in adjusting the resource usage, both in real time and for future occasions. This is why we collected statistics about the webpage section of the Open Call, as well as about the promotion activity carried out through the Social Media channels of the project. In particular, the remaining of this section presents these statistics and analyzes them.

3.5.1 Website Views

The project webpage includes a specific section for the Open Call: https://trialsnet.eu/open-call/. This section was visited over 16k times (more than 40% of the total visits to the project webpage), by over 6k different users (more than 70% of the total users visiting the project webpage). This activity was significantly increased during the period of the Open Call application, as can be seen in Figure 2.

Analyzing the source of the users, over the Open Call period, we can see that the vast majority of the users come directly (i.e., by typing the URL in the browser, including auto-completion by navigation history, as well as the usage of QR codes, as included in the poster and leaflet), followed by organic search (i.e., from a search engine) and by referral (i.e., link from another webpage). Only marginal share of users come from organic social (i.e., linked from social media), email and other sources. The complete details may be seen in Table 1. These statistics show that presential promotion (i.e., through poster presentation and physical leaflet delivery) still represents the strongest mean of diffusion for this kind of information.

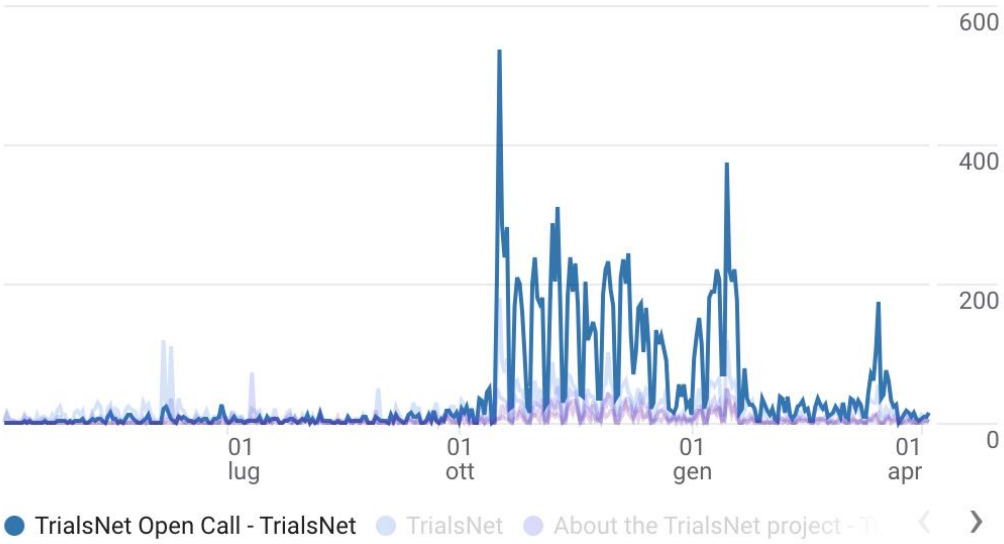


Figure 2. Visualization per page in the TrialsNet domain.

Table 1. Visualization source for the TrialsNet domain over the Open Call period.

	Users	(percentage of total)	Sessions	(percentage of total)
Direct	4.546	68,48%	7.689	47,46%
Organic Search	1.442	21,72%	5.152	31,80%
Referral	903	13,60%	2.585	15,96%
Organic Social	218	3,28%	680	4,20%
Email	65	0,98%	111	0,69%
Unassigned	24	0,36%	32	0,20%

3.5.2 Social Media Channels

In the promotion of the Open Call, each partner used the social media they are familiar with to and where they have presence, participation into vertical and category communities, groups, and alliances. As TrialsNet, we decided to use LinkedIn and Twitter (X) as social media, for the same reasons (presence, followers and use). During the period of time in which the call was open, the project produced 12 LinkedIn posts, with an average of 540 impressions each, as well as 13 Twitter posts, with an average of about 100 views each. On both channels, the interest was clearly higher at the beginning and end of the Open Call period, as can be seen in Figure 3.

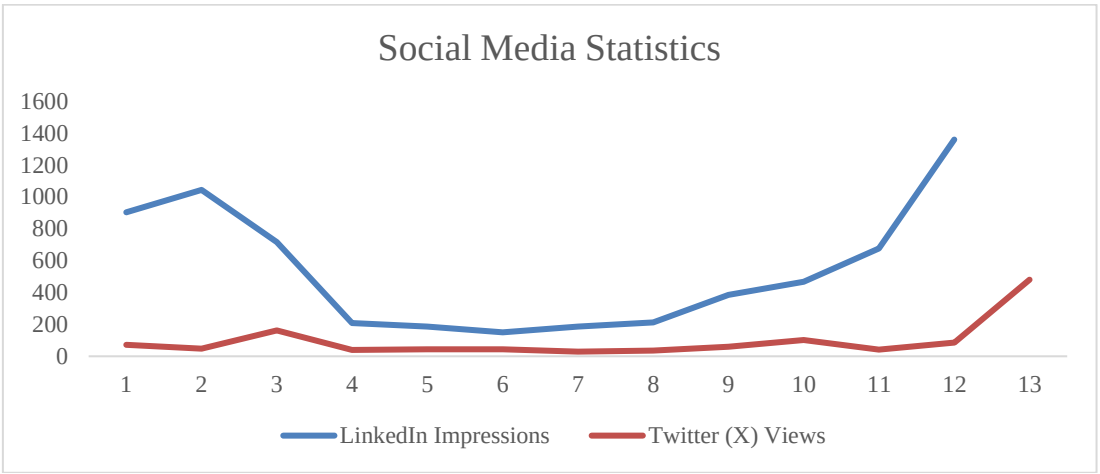


Figure 3. Social Media Statistics for posts related to the Open Call.

Social Media posts advertised the webinars organized and participated by TrialsNet to promote and explain the Open Call, as well as the release of specific tools for applicants (e.g., the Applicant Handbook), and the approach of specific dates (e.g., opening, Feasibility check deadline, Call deadline, etc.).

As shown in the previous section, the Social Media presence was responsible for about 3% of the users accessing the Open Call section of the project webpage, and for about 4% of the sessions to the same webpage section.

4 Helpdesk Activities

A dedicated Helpdesk was active to support the applicants for both technical and administrative questions. The Helpdesk was typically used to provide assistance, guidance, and support to potential applicants or participants during the application process for the open call. It served as a central point of contact where individuals could seek clarification on the call's requirements, submission procedures, eligibility criteria, and any other queries related to participating in the project. It facilitated a smooth and transparent application process.

Applicants were invited to visit regularly the TrialsNet Open Call page in order to get the latest news. In case of specific queries regarding the call, applicants could write an email to opencall@trialsnet.eu with the subject "Support" to receive assistance from the TrialsNet Applicant Helpdesk team.

The TrialsNet Helpdesk managed communications with applicants, interested individuals, and companies while the Open Call was active. During this period, the helpdesk addressed about 150 questions raised by the potential applicants.

5 Open Call Results

This section reports on the Open Call results in terms of received proposal, the selection results as well as an analysis of the KPIs and KVIs addressed by the selected proposals.

5.1 Overview of Received Proposals

By the deadline of 17h00 Brussels time on 19 January 2024, the first Open Call yielded 158 submissions with the following geographic distribution as depicted in Figure 4 below. Applications were received from 27 different countries, encompassing a significant portion of the European Union and extending beyond its borders.

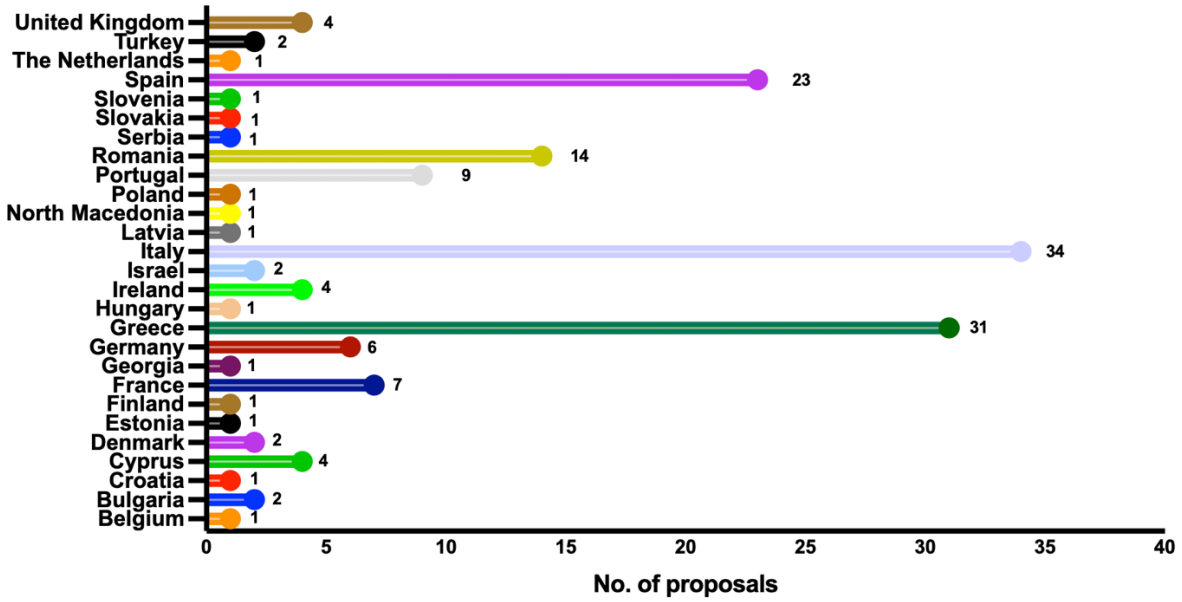


Figure 4. Distribution of applicants by country of origin.

One-third of the applications targeted Option 1, while two-thirds targeted Option 2. Additionally, 58% of the applications were submitted by single applicants, with the remainder coming from consortia. The vast majority of applicants were SMEs. The detailed distribution of applicants by type is displayed in Figure 5.

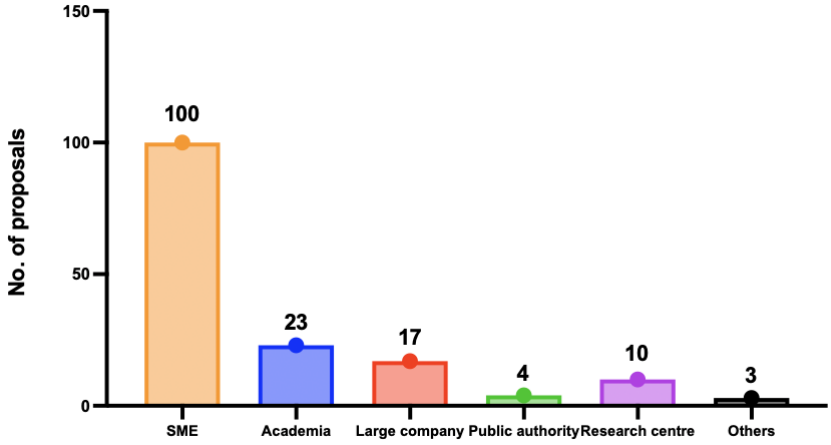


Figure 5. Distribution of applicants by type.

The applications received encompassed all three domains defined in the project: Infrastructure, Transportation, Security & Safety, eHealth & Emergency, and Culture, Tourism & Entertainment, with Infrastructure being the most represented as shown in Figure 6.

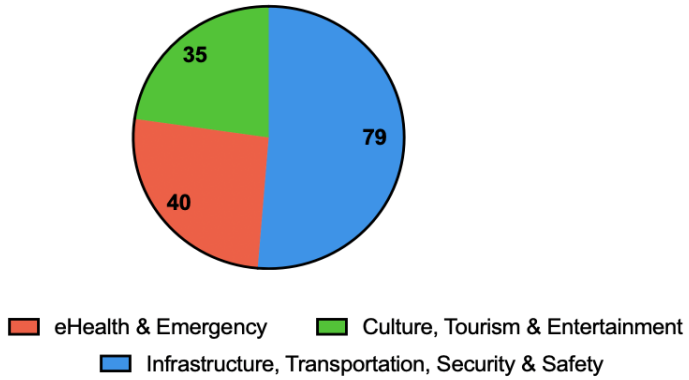


Figure 6. Distribution of applicants by domain (4 proposals were incomplete).

Finally, the proposed use case locations in the received applications were fairly distributed between the project sites and other locations (Option 2), as portrayed in Figure 7.

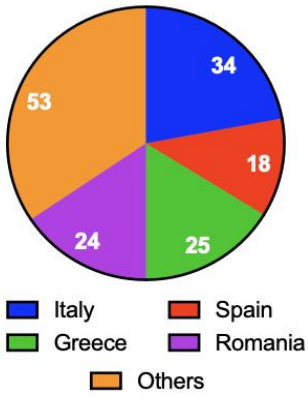


Figure 7. Distribution of proposals by implementation site (4 proposals were incomplete).

5.2 Results' Analysis

Of the 158 proposals received, the initial 60 underwent evaluation by independent assessors, satisfying all Open Call requirements and evaluation criteria. With regard to the funding requested in the highest-rated proposals and the allocated budget, TrialsNet proceeded to negotiate with the top 24 ranked proposals (see Annex C).

5.2.1 All Charts with comments

The selected third parties are predominantly divided between single applicants and consortia, with the majority being SMEs. Out of the 24 selected proposals, 11 applied as a single applicant, while the remaining 13 came as consortium. The detailed distribution of third parties by type is shown in the Figure 8.

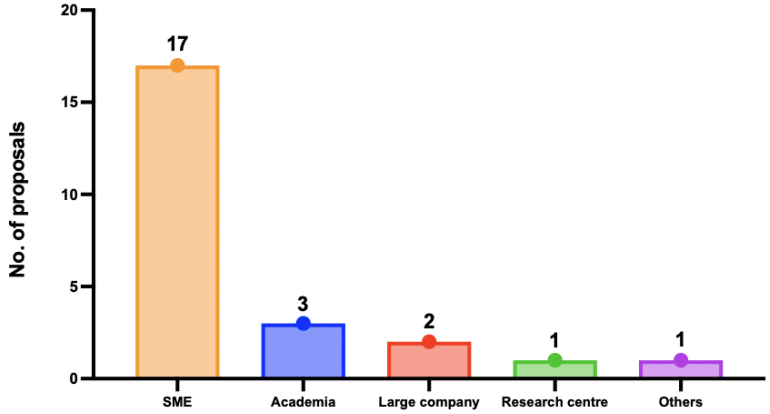


Figure 8. Distribution of selected applicants by type.

The selected third parties will conduct their trials at 12 different sites. The trial locations exhibited a well-distributed pattern, with 7 proposals selecting the Italian cluster, 2 choosing the Spanish cluster, 3 picking the Greek cluster and 4 opting for the Romanian cluster. The remaining 8 proposals were distributed across various locations, encompassing different locations in Spain, Italy, Greece and Romania, Israel and Istanbul, for the implementation of their respective trials. The detailed distribution of third parties by trial location is illustrated in Figure 9.

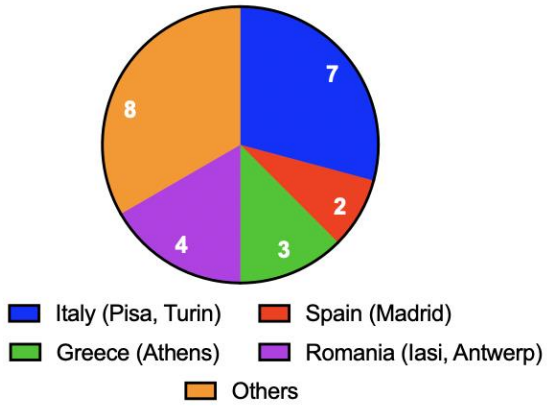


Figure 9. Distribution of selected third parties by trial location.

The selected third parties encompass all three domains defined in our project: Infrastructure, Transportation, Security & Safety, eHealth & Emergency, and Culture, Tourism & Entertainment, with Infrastructure being the most represented as exhibited in Figure 10.

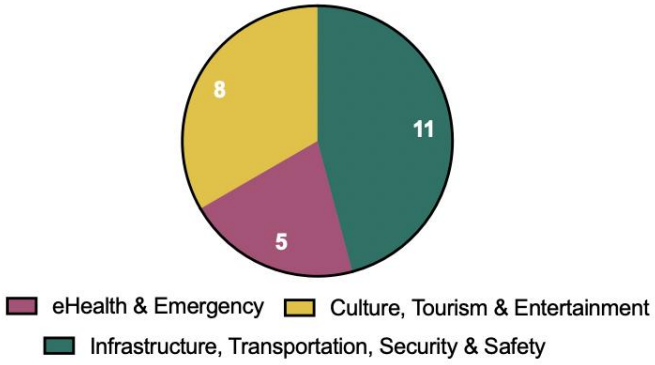


Figure 10. Distribution of selected third parties by domain.

5.2.2 Priority of proposals with same score

To rank the proposals with identical scores, the priorities of the project were the following:

- Use cases that enhance the acceptability and exploitation of 5G, focusing on impact and KVIs, and their capacity to attract new users.
- Use cases that address how they will challenge the current limitations and bottlenecks of 5G networks (KPIs).
- Prioritization of Option 2.

5.2.3 Analysis of KPIs/KVIs with comments

5.2.3.1 KPIs

The validation of the use cases in TrialsNet project is based on a formal assessment of appropriate KPIs which requires the definition of measurable results for the different applications developed in each use case. The definitions are taken from a common taxonomy of KPIs that have been devised during the first year of the project. Notably, the taxonomy comprises both general KPIs that can be applied to most use cases, and use-case specific KPIs.

In terms of methodology, Task 6.2 (Technical definition & assessment) has defined the KPI taxonomy, and shared with all the use cases, in accordance to the following steps:

- **Step 1**: Each use case identifies and defines its own KPIs.
- **Step 2**: The contributors to T6.2 collect all the KPIs descriptions, find commons KPIs and harmonize them in terms of naming and definition.
- **Step 3**: A general taxonomy is produced and shared with all the use cases stakeholders.
- **Step 4**: Each use case revises the KPI definitions based on Step 3 and eventually reiterates from Step 1.

Notably, in Step 3 the taxonomy followed the guidelines and the methodology discussed in different reference documents:

- ETSI TR 103 761, "Core Network and Interoperability Testing (INT); Methodologies for E2E Testing & Validation of Vertical Applications over 5G & Beyond networks", May 2022
- 5GPP Test, Measurement, and KPIs Validation (TMV) Working Group white paper: "Service performance measurement methods over 5G experimental networks", May 2021
- 5GPP, "Beyond 5G/6G KPIs and Target Values", June 2022
- 5GPP Test, Measurement, and KPIs Validation (TMV) Working Group white paper: "KPIs Measurement Tools: From KPI definition to KPI validation enablement", Mar 2023

As output of the above methodology, merging the advantages of a top-down approach with the ones of a bottom-up approach, the deliverable D6.1 [7] provided a reference table. During the initial steps of the iterative procedure, T6.2 highlighted many examples of incoherence (i) in naming and definition of KPIs, (ii) in the measurement and validation tools for the KPIs and (iii) in an unclear distinction between KPIs/KVIs. But, thanks to the iterative approach, after some iterations all the use cases "converged" to the same KPI taxonomy. The discussions and interactions during this harmonization phase were fruitful and helped the use case stakeholders to better understand their real measurement needs in terms of validation. As final comment, we do not expect that the present taxonomy is fixed, but should evolve in an incremental way based on new inputs and on new documents (e.g., the most recent white papers of 5GPP TMV WG).

Regarding the Open Call, Table 2 highlights the KPIs addressed in the shortlisted 24 proposals. These proposals have not been exposed to the iterative harmonization process described above and thus we can observe some incoherent naming and definition different from the ones recommended in D6.1 [7]. At the same time, we observed some KPIs which have not been considered so far (e.g., specific to energy consumption) whose integration in the TrialsNet KPI taxonomy will bring a valuable contribution for all the project partners and the whole community.

Table 2. KPIs addressed in the shortlisted proposals.

No.	Proposal title	KPI addressed	Description
1	**Connected Rails: Evaluating 5G for Autonomous Tram Operations**	Downlink throughput per user; Uplink throughput per user; Coverage; Application round-trop latency; Application one-way latency; Service reliability; Communication availability; Location accuracy	Sustained throughput experienced from a user to receive data; Sustained throughput experienced from a user to send data; Geographic area where a network signal can be received and used by a device; Amount of time it takes for the application to receive a response or output after sending a request or input to a server or network; Amount of time it takes at application level from the source to the destination application; Period for which the service satisfies the required performance constraints; Ratio between the amount of time during which a specific component of the use case is responding to the received requests, and the total amount of time

No.	Proposal title	KPI addressed	Description
			that the component has been deployed; Accuracy in the positioning of the device.
2	**Beyond 5G Football Stadium**	Stadium DL/UL Capacity; UE Max Dl and UL; % of packet dropped; End to End latency; RU Energy Consumption; Number of 5G UE simultaneous connection; Time of Arrival accuracy; Time Difference of Arrival; UE 3D location accuracy	Stadium DL/UL Capacity (>5 Gbps/ 0.5 Gbps); UE Max Dl and UL (100 Mbps/25 Mbps); % of packet dropped (<1%); End to End latency (<10 milliseconds); RU Energy Consumption (<50 Watt); Number of 5G UE simultaneous connection (>1000); Time of Arrival accuracy (<100 picoseconds); Time Difference of Arrival (<100 picoseconds); UE 3D location accuracy (<5 centimetres).
3	**5G-enabled Secure Surveillance System (5GS3)**	Detection Rate; False Positive Rate; Resolution Time; System Uptime; Incident resolution rate; Operational cost efficiency; End-user satisfaction; DL/UL Throughput; Latency; AI/ML accuracy & precision; Location accuracy	Detection Rate >40%; False Positive Rate <10%; Resolution Time <3min; System Uptime >99%; Incident resolution rate >70%; Operational cost efficiency >20%; End-user satisfaction >75%; DL Throughput >0.5Gbps; UL Throughput >0.1Gbps; Latency <0.5sec; AI/ML accuracy >90%; AI/ML precision >85%; Location accuracy <1meter.
4	**Turin5Games**	Latency; Throughput; Sensitivity; Service availability distribution	Latency (<20 ms and not higher than 40ms); Throughput (DL around 50 Mbit/s and not lower than minimum 30 Mbit/s, UL single digit Mbit/s with a good sustained rate).
5	**Torino 4U: 10 things to see around you**	Technical; User experience	RTT; CPU load and response time for visual recognition; N. of parallel involved users; Average rating on a scale of 1 to 5 for Usability, responsiveness and engagement; N. of VR content fully enjoyed/user; N. of places actually visited/user.
6	**6GVision: Improvement of the 5GOpen testbed at imec with vision-aided mmW gNB**	DL/UL Throughput; Latency; Indoor cell coverage radius; Service reliability; Accuracy of the vision-aided Blockage Prediction algorithm	5G FR2 DL Throughput >1 Gbps; 5G FR2 UL Throughput >500 Mbps; 5G FR2 End-to-End Latency <10 ms; 5G FR2 BLER <5%; Indoor cell coverage radius at 28 GHz > 80m; Service reliability of the 5G FR2 gNB > 99% of the time; Percentage of identification of blockage events higher than 95%; Time to execute a vision-aided inter-gNB handover < 20ms; Min of one demonstrator in an international 6G event;

No.	Proposal title	KPI addressed	Description
			Min of five Merge Requests from the project publicly available in the official repository of the OAI code.
7	**DREAMPARK**	Downlink throughput per user; Uplink throughput pe user; Downlink throughput per application; App latency	Downlink throughput per user (Min 10Mbps up to 50Mbps); Uplink throughput pe user (Min 10Mbps up to 50Mbps); Downlink throughput per application (25-50 users @ Min 20 Mbps up to 100Mbps); App latency (< 80 ms).
8	**COMO5: COntinuous MOnitoring of patients with chronic disease via 5G**	UL/DL throughput; Maximum end-to-end latency; Smartphone battery lifetime	Expected value deteriorating mode: UL throughput (956KB/s Min); DL throughput (700KB/s Min); Maximum end-to-end latency (150ms); No battery lifetime expectation. Expected value stable mode: No Min UL throughput; No Min DL throughput; No Min end-to-end latency; At least 8 hours of operations in a single battery charge.
9	**SkyLink Vision**	Compute; Capacity; Latency; Availability; Reliability	AI/ML precision 95%; Data processing efficiency 25 fps; DL throughput per device 50 Mbps; UL throughput per device 5 Mbps; Application round-trip latency 20 ms; Communication reliability 99.5%; Service availability 99.9%
10	**METACLINIC**	DL/UL Throughput; Application round-trip latency; Communication and Service reliability; Communication and Service availability	DL Throughput 100Mbps – 1Gbps; UL Throughput >50Mbps; Application round-trip latency 15ms; Communication reliability >99.999%; Service reliability >99.9%; Communication availability >99.999%; Service availability >99.5%.
11	**CITY4ALL**	Latency; No. of connections	Latency is relevant in order to provide a smooth experience during the VR game; No. of connections are relevant because the use case is targeting students joining the virtual environment together during the trials, interacting among themselves and the environment, including the AI assistants.
12	**5G AUGMENTED REALITY TOUR FOR THE UNESCO SITE "HISTORICAL CENTER OF NAPLES"**	Total number of users; Usability of the tour; Traffic peak	Total number of users- Expected value: 5000; Usability of the tour will be measured in terms of quality of digital contents, quality of storytelling, user interface of the application, simplicity of wayfinding, fluidity of use; Traffic peak- Expected value: 2Gb/s.

No.	Proposal title	KPI addressed	Description
13	**AI/ML-based Preventive and Reactive Emergency handling (AI-PREMSET-MCX)**	End-to-end network; End-to-end MCX; Monitoring MCX context; AI/ML algorithm	End-to-End Latency 8ms in private network and 20ms in commercial network; DL/UL data rate 100Mbit/s/user; Communication service availability 99.999%; Access time 300ms; End-to-end access time 1000ms; Mouth-to-ear delay 300ms; Active MCX users >=20; Active MCX private calls >=5; Active MCX group calls >=3; AI/ML accuracy >=80%; AI/ML transfer >=80%; Recall >=80%; F1 score >=80%.
14	**MILESTONE - A REAL-TIME AI-ENABLED WORKER SAFETY PRESERVATION SYSTEM**	Latency; UL/DL throughput per user; UL/DL aggregate throughput; Application round-trip and one-way latency; AI/ML accuracy & precision; Recall; F1 score; Service availability	Latency <100ms; UL throughput >1.5Mbps/camera; AI/ML accuracy & precision, Recall, F1 score, Service availability: A subset of the annotated data collected from the trial will be utilized to assess the object detection performance of the trained AI model for different classes. A mean Average Precision (mAP) of at least 50% is expected.
15	**MediVision-5G (eHealth)**	Network metrics; Service metrics	DL/UL throughput, Latency, No. of connections/performance, Coverage, Startup time; Video frame transmission ratio, Video frame reception delay, Voice reception delay, Command reception delay, Maximum resolution of the video streaming.
16	**Automated Tele-Operated Sustainable (ATOS) driving**	Network KPIs; Application KPIs	DL aggregate throughput >2Mbps/vehicle, UL aggregate throughput >40Mbps for two test vehicles, Network round-trip latency <25ms, Packet loss <0.5%, Energy consumption- No prior art available on Open5GS;s UPF energy consumption; Application one-way latency <100ms, DL throughput per user >1Mbps/vehicle, UL throughput per user >20Mbps/user, Service reliability >99%, Max achievable vehicle speed <70km/h, Max achievable video stream framerate, resolution: Consistent 30fps at HD to ensure high-quality video for tele-operation, Number of tele-operation disengagements <1per hour of operation.
17	**Intelligent control of interconnected manufacturing infrastructures (i-CNC)**	Latency; Compute; Availability Reliability	Application round-trip latency 50-150ms; AI/ML accuracy 95% after the training phase; Service availability 99.9999%.
18	**Remote Coordination and Interwork-**	DL/UL throughput; Application round-trip latency; Service	DL/UL throughput 200Mbps for 100 users; Application round-trip latency <20ms;

No.	Proposal title	KPI addressed	Description
	ing of First Responders in Emergency Situations	reliability & availability	Service reliability 99.999% success rate; Service availability 99.999% availability in time.
19	**AdaptoFlow**	UL cell capacity; Data Traffic; Application level-latency; Utilisation Metrics; Energy consumption; Accuracy	Increased UL cell capacity by 20%; 20% Data Transfer Reduction; At least 30% less End-to-End latency than the default execution; 30% reduced CPU Utilisation; 30% reduced Energy consumption; Accuracy penalty should not surpass 20% from the most accurate model.
20	**"Remember Ascari": MR in MAUTO – Immersive MR Experience in F1 (MAUTO)**	DL/UP Throughput; Latency; No. of connections	DL Throughput 100Mbps; UP Throughput 20Mbps; Latency <20ms; No. of connections 20/25.
21	**AI4RTC: AI applications for Real-time Charging Load Management**	eMTC; Ping; Websocket	eMTC. 1: Improved Coverage, Max coupling loss 164dB; eMTC. 3: Jitter 500us; eMTC. 4: Position accuracy 0.1m; Min ping time from edge computer to cloud server 10ms; Avg ping time from edge computer o cloud server 20ms; Max ping time from edge computer to cloud server 45ms; Max packet loss percentage 0.001%; Avg upload speed 200Mbps; Avg Service Level Agreement (SLA), uptime of charging point 99.999%.
22	**5GVIREH: Virtual Reality Enhanced Rehabilitation**	Capacity; Latency; Compute; Availability/Reliability	DL/UL throughput per user, DL/UL aggregate throughput, DL/UL throughput per device; Application round-trip latency (same/different users); AI/ML accuracy, precision, recall, F1 score; Communication reliability & availability, Service reliability & availability.
23	**Cities Without Barriers**	Network KPI; Local Processing KPI; Cloud Processing KPI	Smartphone: DL throughput 50Mbps, UL throughput 20Mbps, Latency 100ms, No. of connections 20; RGB sensors: DL throughput 10Mbps, UL throughput 80Mbps, Latency 100ms, No. of connections 1; EDGE Interface: 200 interferences/s, EDGE Interface Models: 5 concurrent models; Computer Vision analysis Interference: 200 interferences/s; Mavigation app Interferences: 100 interferences/s.
24	**Mobile Augmented Reality for Outdoor**	Throughput; Latency; Accuracy;	DL throughput >=200 Mbps, UL throughput >=100 Mbps;

No.	Proposal title	KPI addressed	Description
	PoI (Points of Interest) Enrichment	Precision; Recall; F1 score	Application round-trip latency < 20 ms; Location accuracy < 10 m; AI/ML accuracy >=80%; AI/ML precision >=80%; Recall >=70%; F1 score >=75%

5.2.3.2 KVIs

The TrialsNet project aims to bridge the gap between 6G technologies and societal values by conducting a comprehensive analysis of KVIs and business models. By evaluating both technical KPIs and societal values, the project identifies KVIs that reflect the societal impact of 6G technologies, considering dimensions such as Sustainable Development Goals (SDGs) and societal requirements. Through a thorough examination of various societal values, including sustainability, digital inclusion, and trustworthiness, the project aims to provide insights into the positive impact of technology on society, the environment, and the economy. The methodology involves a literature review on KVs and KVIs, exploring the relationship between technology, business, and value, and categorizing values into economic, environmental, and societal dimensions.

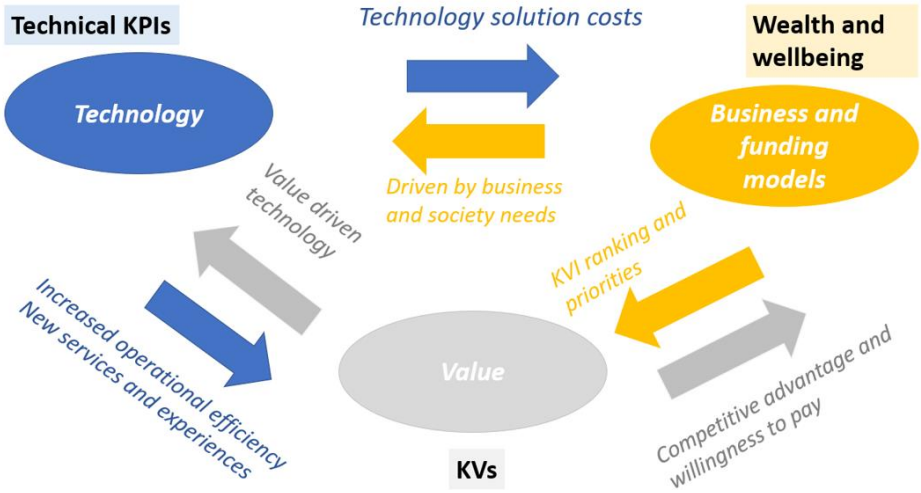


Figure 11. Relationship between Technology, Business and Value.

As shown in Figure 11, the connection between technology, business, and value is complex and intricate. Technology plays a crucial role as both an enabler and catalyst for growth within the business realm. Particularly in the field of wireless technology, it facilitates operational efficiencies in established or emerging business operations, while also enabling the introduction of novel services and enhanced user experiences.

The project also outlines a framework for prioritizing KVIs based on business and funding models, with a focus on assessing KVIs across use cases to demonstrate the societal and environmental benefits of 6G technologies.

At the webinar for the Open Call held in December 2023, a presentation on the concept of value was delivered. The presentation begins with an introduction, setting the context and purpose of the value types. Following the introduction, the presentation delves into the identification and exploration of key values, which include fundamental principles and criteria relevant to the project. Subsequently, the presentation focuses on the analysis of KVs and KVIs, examining how these values are assessed, and applied in practice. Finally, the presentation highlights sustainability as a key value and explores how sustainability considerations intersect with TrialsNet project. In particular, three dimensions of sustainability were described, i.e. societal, environmental, and economic. Societal sustainability pertains to a society's capacity to thrive. Environmental sustainability involves the wise management of natural resources to safeguard their health and longevity for future generations. Lastly, economic sustainability concerns the capability of an economic system or society to sustain long-term prosper-

ity, growth, and well-being, all while taking into account social and environmental considerations. Each dimension underscores the importance of balancing human well-being with the preservation of natural resources and the maintenance of economic vitality.

The following Table 3 describes the KVIs addressed in the shortlisted 24 proposals:

Table 3. KVIs addressed in the shortlisted proposals.

No.	Proposal name	KVI addressed	Description
1	**Connected Rails: Evaluating 5G for Autonomous Tram Operations**	Social; Economical; Environmental	Increased tram autonomy capabilities and operational efficiency, Safer service by reduced traffic accidents involving the tram; Reduced CAPEX and OPEX communication infrastructure costs with unique 5G link replacing two separated links used today, Increased tram service customers' satisfaction; Cost-efficient sensing, communication and computing infrastructure; Better train infrastructure utilization, Reduced number of incidents with trams and cars involved; Potential for new tram services; Pollution reduction thanks to increased tram usage, Energy saving due to the use of the sole 5G network.
2	**Beyond 5G Football Stadium**	Economic sustainability; Business Value; Environmental sustainability; Cultural Connection; Trustworthy; Inclusiveness around the services and applications; Data Protection	Improve RunEL market entry potential; Penetration to new markets; Reduced energy consumption and Low EMF; Access to cultural events; Ensure consistency of service for potential users; Improve service availability to all; Personal Data Protected.
3	**5G-enabled Secure Surveillance System (5GS3)**	Safety & security; Knowledge transfer; Privacy; Public acceptance	Early detection of security threats; Improved compatibility and coordination with human security personnel and standards; Comprehensive training and knowledge transfer programs; Transparent communication and engagement strategies, Open access to Data.
4	**Turin5Games**	Environmental/Planet; Societal (People, Progress); Economical	Potential for energy efficiency and emission reduction related to 'on demand' cloud gaming adoption vs traditional energy-hungry console-based alternatives; Potential for emission reduction related to cloud gaming technology-based training and learning; Effectiveness of the cloud gaming paradigm for affordable immersive experience; Use of cloud gaming technologies for education purposes; Inclusion and security of 5G personal cloud gaming vs traditional alternatives; Ease of use, utility and functionality of cloud gaming technology; Reliability, stability and privacy of cloud gaming; Scalability, cost, rights management, innovation of

No.	Proposal name	KVI addressed	Description
			massive mobile cloud gaming; Market reach potential and effectiveness; Potential demand and pricing.
5	**Torino 4U: 10 things to see around you**	Social; Environmental	Total no. of paid events/places used and tangible value generated/user; Total no. of free events/places enjoyed; Increase in cultural fruition: % increase/user; Increase in perceived well-being: % increase/user; No. of total km travelled by sustainable means, km/user; Non-sustainable travel saved/user.
6	**6GVision: Improvement of the 5GOpen testbed at imec with vision-aided mmW gNB**	Business value; Economic sustainability; Open collaboration; Flexibility; Trustworthy; Safety; Gender equality	Solve the emerging problem of 5G congestion in ultra-dense scenarios, ensuring service continuity; O-RAN disaggregation promotes diversification in the 5G/6G OAI solutions as a tool to democratize wireless innovation; Dynamic radio resource allocation in mmW bands and spatial multiplexing, robust 5G FR2 system to maintain coverage; OAI code is publicly available, transparent and can be evaluated by anyone, at any time; User and stakeholder perception of personal and community safety resulting from solution use; Project outputs deemed relevant and useful for all genders.
7	**DREAMPARK**	Connectivity; Level of Accessibility, User experience and Edutainment; Social connection; Engagement and sustainability level	Type of network used to access; Perceived acceptability/ease of use of the technological instrument by the users; Perceived engagement/level of enjoyment and emotional quality of the experience; Perceived usefulness in enhancing educational experience; Perceived quality of social interactions and sense of community; Perceived level of engagement of the users; Perceived sustainability about metaverse solution.
8	**COMO5: COntinuous MOnitoring of patients with chronic disease via 5G**	Societal; Economical value	Assess how the proposed approach can be valuable and how the devices considered in the trial are intrusive for the patients; Better management of patients will help in reducing hospitalizations, while remote consultations will help in reducing costs for frequent in-person visits.
9	**SkyLink Vision**	Economic sustainability; Environmental sustainability; Systems Trustworthy and Safety	Diversity of market stakeholders added, engaged, or considered for design and production; Per-existing systems, tools, networks, and apps can be easily modified to be employed in use-cases; Resources saved by stakeholders; Development and deployment of a low-carbon alternative; Physical/earth resources savings; Operators deem system dependable for their activities; User perception of personal and community safety resulting from solution use;

No.	Proposal name	KVI addressed	Description
			Users find tools easy and self-explanatory; Deployment time reduction.
10	**METACLINIC**	Societal Impacts; Environmental; Economical; Aspects of user experience	Access to Healthcare Services, Patient satisfaction, Health outcomes improvement; Reduction in carbon footprint, Energy efficiency; Cost savings for patients, Operational Efficiency for healthcare providers, Investment in innovation; User Experience, Quality of Medical Interaction, Technical Aspects, Impact on access to healthcare, Satisfaction and Improvements.
11	**CITY4ALL**	User experience; Awareness	Increase the sensitivity of children and teachers to the issue of disability; User experience during the game, in terms of performance, engagement, usability.
12	**5G AUGMENTED REALITY TOUR FOR THE UNESCO SITE "HISTORICAL CENTER OF NAPLES"**	Societal Impact; Improve the Accessibility to art and culture	Right to access and participate in cultural life; Improved digital accessibility.
13	**AI/ML-based Preventive and Reactive Emergency handling (AI-PREMSET-MCX)**	Economical; Environmental; Societal	Economic sustainability, Business value, Tackling economic inequality; Waste management, Lifespan of products, Compliance quality standards; Healthier community, Knowledge, Open collaboration; Flexibility, Transparency, Safety, data protection.
14	**MILESTONE - A REAL-TIME AI-ENABLED WORKER SAFETY PRESERVATION SYSTEM**	Societal; Environmental; Economic	Assessing the impact on the well-being and satisfaction of individuals and the community, Improved safety, Build trust, Unbiased AI model; Efficient resource use, Effective safety management; Increased data-driven innovation, Enhanced safety and reduced incidents.
15	**MediVision-5G (eHealth)**	Economic; Environmental; Societal	Network reliability; Network stability; Network availability; Video quality; Efficiency; Clarity of remote specific training sessions.
16	**Automated Tele-Operated Sustainable (ATOS) driving**	Environmental; Societal; Economic	Reduction of energy usage and CO2 emissions; With tele-operation services, tele operators will not be required to stay in vehicles during waiting hours, which will lead to higher efficiency increase. Driver shortage within Europe can be decreased; Increase in productivity of drivers and trucks, High reliability.

No.	Proposal name	KVI addressed	Description
17	**Intelligent control of interconnected manufacturing infrastructures (i-CNC)**	Reduce waste production; Cost effective machinery; Energy efficient machinery; Better working environment	Positive impact on energy consumption and management cost; Digitisation and optimisation of manual processes in machinery; Enhanced user-machine interaction; Accurate and robust industrial classifier of chatter occurrence through AI.
18	**Remote Coordination and Interworking of First Responders in Emergency Situations**	Economic; Environmental; Social	Economic sustainability; Efficient waste management; Safety.
19	**AdaptoFlow**	Environmental, Economical & Societal Sustainability	Reducing energy consumption, carbon emissions, air pollution and the overall decrease of environmental footprint; Optimising resource utilization and lowering energy consumption which decreases the overall consumption cost, financial efficiency and resource allocation optimization; User-friendly experience, Openness and transparency.
20	**“Remember Ascari”: MR in MAUTO – Immersive MR Experience in F1 (MAUTO)**	Accessibility/Inclusion; Acceptance; Edutainment; Cultural Connection; Trust	Hardware Accessibility, Visitor Reach, Accessibility features; User satisfaction; Educational value, Interactive learning; Historical accuracy, Cultural relevance; Accuracy checks, User feedback.
21	**AI4RTC: AI applications for Real-time Charging Load Management**	Solve existing stakeholder problems; Environmental impact; Market uptake of 5G in EV infrastructure	Adherence to load management rules; Enable greater substitution of ICE vehicle in corporate fleets; Improve mobile connectivity of existing EV loader charging station assets.
22	**5GVIREH: Virtual Reality Enhanced Rehabilitation**	Social; Economic	Provide sense of support to the patients; Patient could feel less isolated and more motivated to improve adherence; Telerehabilitation allows patient’s progress to be monitored daily; Reduced usage costs; Increase in jobs.
23	**Cities Without Barriers**	Social; Economic	Increase of the data about mobility barriers in the city; Publication of a new mobility tool for reduced mobility users; Development of a citizen science cultural movement for the use of the collected data.
24	**Mobile Augmented Reality for Outdoor PoI (Points of Interest) Enrichment**	Societal; Environmental; Economical	Engagement, Social mobility, Educative about various points of interest like history, architecture, art, etc; Creation of communities, Accessibility; Resource usage; Retention rate, Conversion rate, Long-term revenue.

6 Contracting Phase

6.1 Process

After finalizing the evaluation results of the Open Call for the project, the next step was to initiate the contractual process for the selected sub-projects with TrialsNet. This task was undertaken by CERTH, the partner responsible for managing the project funds associated with the Open Call. CERTH's role involves distributing these funds to the selected third parties gradually and in compliance with the principles outlined in the Guide for Applicants (GoA) of the Open Call. The payments schedule is common to all proposals that will enter into a contract with CERTH and is the following:

- 20% of the assigned Grant after 1 month from the Grant signature against presentation of a detailed plan of activities.
- 65% at completion of the contracted activities.
- 15% when the EC accepts the project's final results.

Before initiating the contracting process for the successful proposals, TrialsNet team informed all participating agencies and applicants about the evaluation results and the overall selection process. The proposals were categorized as follows, and participants were notified according to the level of acceptance they received at the evaluation stage:

- **Ineligible Proposals:** These proposals did not meet the criteria set forth in the GoA and were excluded from the technical evaluation process.
- **Late Submissions:** These proposals were submitted after the threshold of 60 proposals had been reached, as stipulated in the GoA, and thus were not included in the technical evaluation process.
- **Non-Selected Eligible Proposals:** These proposals met the eligibility criteria and were technically assessed by external experts but were not selected for funding based on their final ranking.
- **Reserve List Proposals:** These eligible proposals received a positive technical assessment and were placed on the reserve list based on their final ranking. One of the projects on the reserve list has already been selected for funding due to the availability of additional budget.
- **Selected Proposals:** These proposals were selected for funding.

Except for the proposals that were not subjected to technical evaluation, all applicants received the Evaluation Summary Report (ESR) for their submissions. These reports were prepared by the external evaluators responsible for reviewing their proposals.

This structured approach ensured transparency and clarity in the selection process, providing each participant with detailed information about the status of their submission.

After the evaluation results were provided to all participants in the TrialsNet Open Call, focus shifted to the selected applicants and the completion of their contracts. In the initial communication announcing their selection, each applicant received a dedicated letter inviting them to enter the contracting phase. These letters detailed all relevant subproject information for confirmation by the applicants and included a list of required documentation for contract finalization. Specifically, the following documents were requested from all selected applicants:

- **Admin Form**: This template, developed by CERTH and provided in the email, required the leading applicant to provide information about:
  - Subproject Information
  - Beneficiary Information
  - Legal Status and Legal Representative
  - Contact Person(s)
- **Declaration of Honour (DoH)**: A dedicated template (see Annex A of D7.1 [2]) was included in the email, to be filled in and signed by the leading applicant.

- **Financial Identification Form (FIF)**: This form, which follows the EC template and instructions (see Annex B), required the leading applicant to provide their banking details.

Additionally, specific clusters of selected applicants were asked to provide further documents, including:

- **Mandate Letter:** A template developed by CERTH, provided in the email, to be completed for proposals submitted by consortia. This letter, signed by each consortium partner, authorizes the sub-project coordinator to act on behalf of their organization in compliance with the Sub-grant Agreement (TrialsNet Open Call contract).
- **Revised Version of the Proposal:** Applicants were required to submit an updated proposal incorporating all requested modifications based on technical clarifications sought by the TrialsNet Consortium. It was emphasized that sections of the proposals not affected by these clarifications should remain unchanged.

Following the distribution of this information to the selected applicants, a specific deadline was set for submitting the required documents. This initiated a prolonged period of communication and interaction aimed at facilitating the process. CERTH responded to applicants' questions and provided necessary clarifications. Concurrently, there was an intensive exchange to validate the accuracy and correctness of the documents. This was essential to ensure all received documentation was valid and appropriate, allowing verification of the required information for the selected applicants and enabling the contract signing.

Additionally, during this period, the finalisation of the Sub-Grant Agreement template was completed.

After this process was completed, CERTH sent the Sub-Grant Agreement to each selected (leading) applicant. The agreement was pre-filled with all the necessary information, such as the legal representative, address, and contact details, and applicants were asked to confirm the details and proceed with signing, either digitally or by hand.

The Sub-Grant Agreement outlines various aspects of the cooperation with the selected applicants, now referred to as TrialsNet third parties. Key regulated areas include, but are not limited to:

- Obligations and responsibilities of the Beneficiary
- Breach of contractual obligations
- Financial contribution and financial provisions, incl. payments schedule
- Liability issues
- Confidentiality issues
- Intellectual property rights
- Force Majeure
- Information and communication among the Contracting Parties and towards the EC
- Financial audits and controls
- Data protection
- Obligations imposed by the Grant Agreement to the Beneficiary
- Settlement of disputes

The signing of the documents included the verification of the process in order to produce validated and legally binding documents, which will also mean the definitive involvement of the selected parties into the TrialsNet project. For the contracts which were to be signed digitally, CERTH first received the digitally signed document by the contracting parties which was checked by suitable and specialized personnel both for the technical validation of the signature and for the legal acceptance. It is noted that digital signs were accepted if the certification organization has evident compliance to the eIDAS Regulation (910/2014) which sets the legal framework for electronic signatures in the EU.

Once the applicants signed the agreements, they were then countersigned by Dr. Evangelos Bekiaris, the Director of CERTH/HIT, who represents CERTH in its role as Treasurer of the TrialsNet Consortium for the Open

Call. All contracts were signed by both parties without any issues, establishing the contract's effective date as 1 May 2024.

As soon as the contracts became effective, the monitoring and assessment process for the selected sub-projects commenced. This process, covering both administrative and technical aspects, is outlined in Task 7.3: Monitoring and Evaluation of Performed Activities. Coordinated by CERTH, a dedicated task force has been formed, involving all technical experts from the TrialsNet consortium, including the technical coordination team, work package leaders, and site owners.

6.2 Timing

The entire contracting phase for the selected applicants of the TrialsNet Open Call commenced at the beginning of March 2024 (01/03/2024), following the completion of the evaluation process and the selection of applicants for contracting with a provisioned 12-month project duration. This phase concluded on 30 April 2024, with the signing of all contracts.

6.3 Lessons learnt during the contracting phase

Although the overall process of contracting the new sub-projects was successfully implemented, some difficulties were encountered, making the process time-consuming. Communication with the selected applicants was generally smooth and productive. However, the primary challenge was obtaining the correct documents during the initial phase, as considerable back-and-forth was required with some applicants to finalize these documents, causing delays before the contracts could be signed and the sub-projects could proceed. Despite these challenges, the time-consuming process was managed effectively to ensure that the start date of the sub-projects, set by the TrialsNet consortium for no later than 1 May 2024, was not affected. Also, the ability to access the main applicant’s plan was proven to be quite challenging as it would complement the technical objectives (which were already assessed by the external reviewers), but it’s of great interest to ensure the feasibility of each sub-project. This was strengthened by clauses limiting the time to present a full operational plan on time after the sub-project start date and biding it with the advance payment.

In addition, the need for an official and certified EU tool was recognized, which would greatly assist in the process of contracting and could facilitate the technical and legal work of specialized staff for the validation of the digital sign certificates, which in that case, was a very time-consuming process.

Last, the selection of the projects that would receive a contract presented issues when some proposals had equal score, or other which may have been last place, the budget provided for in their proposal may not have allowed their selection.

7 Conclusions

This deliverable is issued at the end of the Open Call process and aims to provide a full picture of it.

The main objective of the Open Call is to bring an added value to the project activities by involving new key actors to implement additional, diversified and heterogeneous vertical use cases that cover crucial industrial and societal sectors and supporting the deployment of new trials over the project platforms and network solutions as well as to extend its infrastructures domain in Europe.

The Open Call process is quite complex as it includes both technical and administrative aspects, it must be attractive and be strongly promoted to reach as many candidates as possible, it must follow strict rules in the selection of candidates: all these activities are key to its success.

This document reports about the above activities, starting from the objective of the call with its supporting material, how it fits into TrialsNet strategy, the terms of the call including the grant offered, the rules to follow for applicants' submission, the evaluation process, the 'Feasibility check' procedure offered to applicants, info related IPRs management and the ethics requirement to follow.

The promotion activity is then detailed in terms of approach, the target audience, the tools used, the specific webinars and how this promotion proved to be very effective by indicating the organizations and people reached. Besides, the results of the activated specific helpdesk are mentioned.

A detailed description of the results of the Open Call is also provided, which turned out to be very good considering the overall number and differentiation of the applications received. The type of applicants, their distribution by TrialsNet domain, and the implementation sites are indicated both for the total applicants and for those selected. Furthermore, the mapping of which KPIs and KVIs are addressed by the selected candidates is documented. The contracting phase concludes this document.

At the end of the activities of all the selected applicants, the Deliverable D7.3 "Open Call report on achieved results and allocation of Grants" will provide the outcome of the results achieved and info on allocation of grants.

Acknowledgment

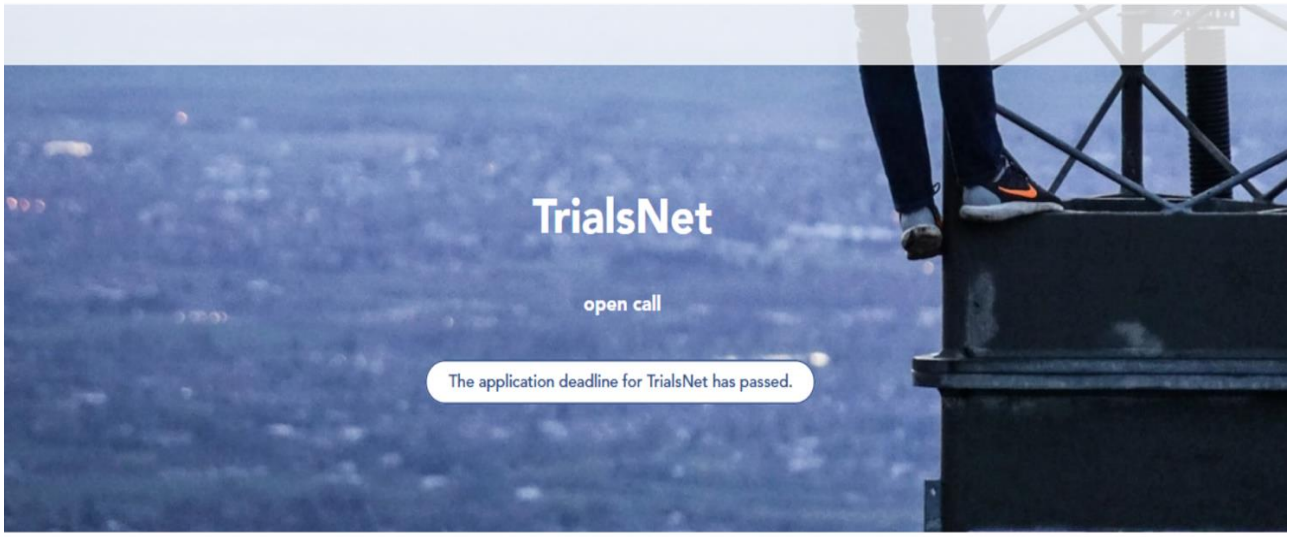
TrialsNet project has received funding from the European Union's Horizon-JU-SNS-2022 Research and Innovation Programme under Grant Agreement No. 101095871.

References

[1] TrialsNet Deliverable D1.1, "Project Management Handbook", 31 March 2023
[2] TrialsNet Deliverable D7.1, "Open Call Applicant Handbook", 30 November 2023
[3] TrialsNet Deliverable D2.1, "Preliminary design aspects for Platforms and Networks solutions", 30 June 2023
[4] TrialsNet Deliverable D3.1, "Use Cases definition for Infrastructure, Transportation, and Security & Safety (ITSS) domain", 30 April 2023
[5] TrialsNet Deliverable D4.1, "Use Cases definition for eHealth and Emergency (eHE) domain", 30 April 2023
[6] TrialsNet Deliverable D5.1, "Use Cases definition for Culture, Tourism and Entertainment (CTE) domain", 30 April 2023
[7] TrialsNet Deliverable D6.1, "First report on validation and dissemination activities", 31 October 2023

Annex A - Open Call Application Form via Funding Box

This Annex provides the template of the application forms available on the Funding Box tenders portal. All applications were submitted electronically.



Project acronym: TrialsNet

Project grant agreement number: 101095871

Project full name: Trials supported by smart networks beyond 5G

EU Program: HORIZON-JU-SNS-2022-STREAM-D

Call Opening: 16 October 2023

Deadline: 19 January 2024

Expected duration of participation: 12 months

Maximum amount of financial support for each application: 300,000 euros

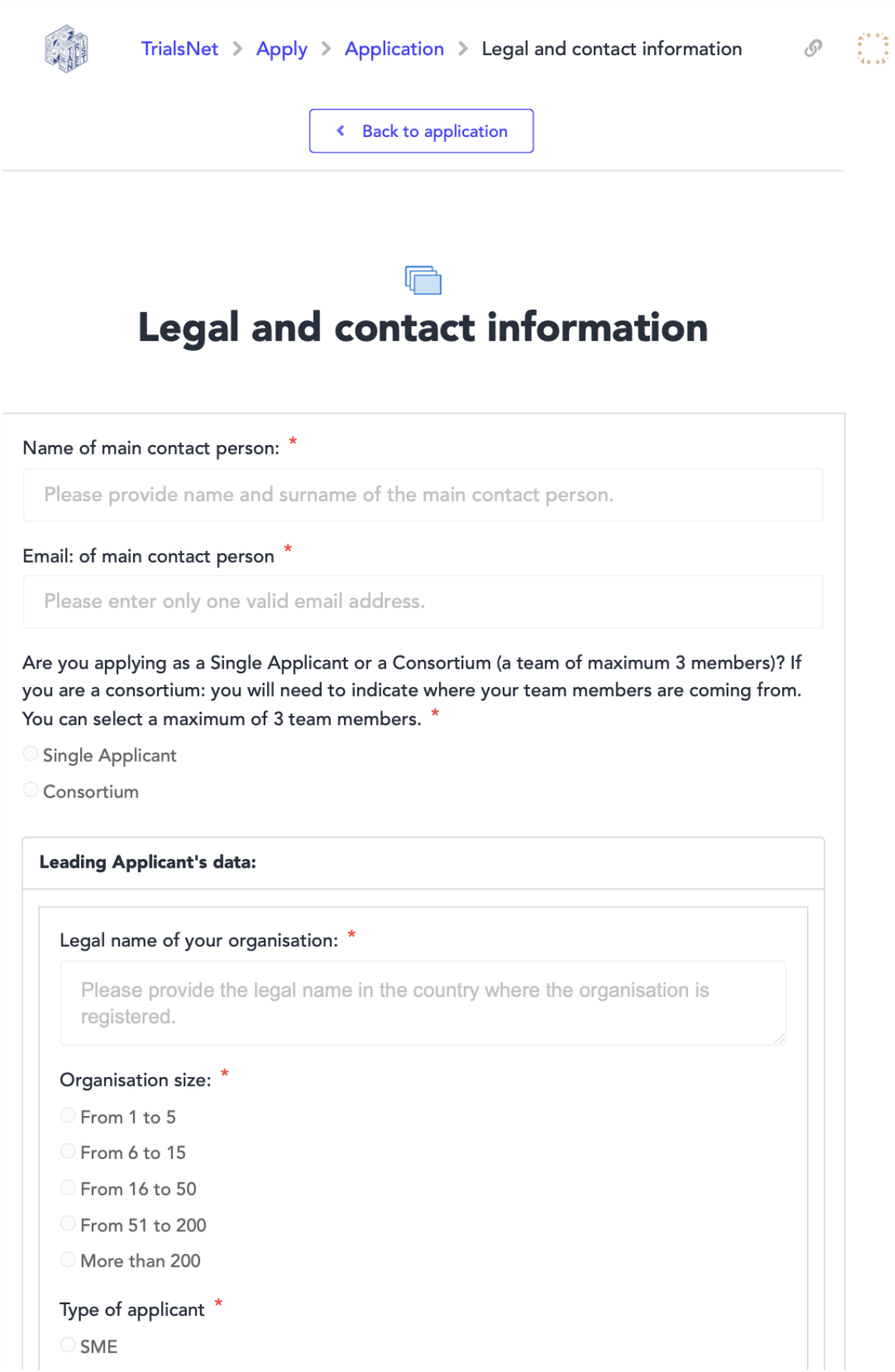
Total available budget: 5,580,900 euros

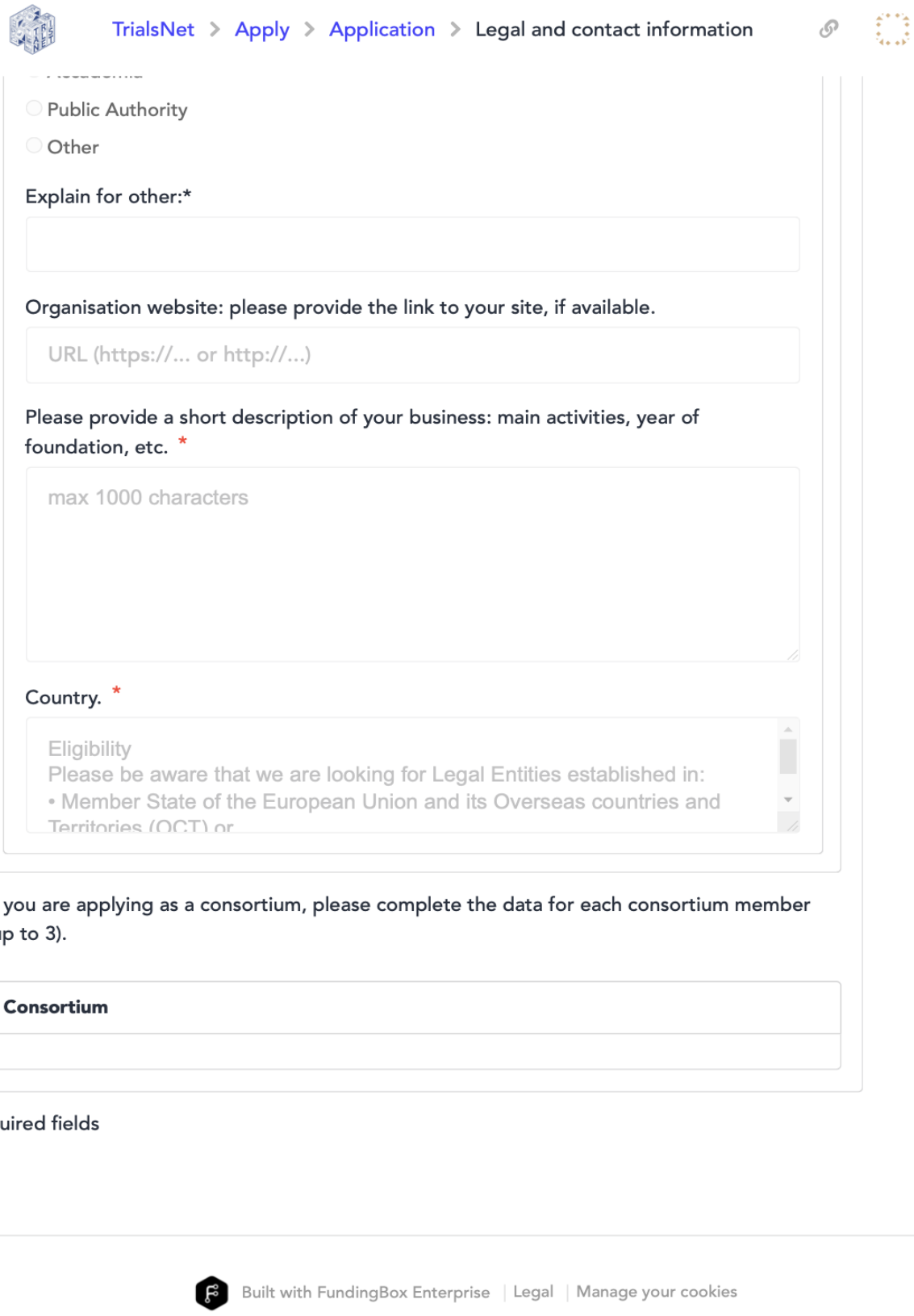
Call identifier: TrialsNet Open Call

Language in which proposal should be submitted: English

Web link for further information (full call text/proposal guidelines/call results) on your official project web site: https://trialsnet.eu/open-call/

Email address for further information: opencall@trialsnet.eu


TrialsNet > Apply > Application > Legal and contact information
Back to application
Legal and contact information
Name of main contact person: *
Please provide name and surname of the main contact person.
Email: of main contact person *
Please enter only one valid email address.
Are you applying as a Single Applicant or a Consortium (a team of maximum 3 members)? If you are a consortium: you will need to indicate where your team members are coming from. You can select a maximum of 3 team members. *
Single Applicant
Consortium
Leading Applicant's data:
Legal name of your organisation: *
Please provide the legal name in the country where the organisation is registered.
Organisation size: *
From 1 to 5
From 6 to 15
From 16 to 50
From 51 to 200
More than 200
Type of applicant *
SME


TrialsNet > Apply > Application > Legal and contact information
Public Authority
Other
Explain for other:*
Organisation website: please provide the link to your site, if available.
URL (https://... or http://...)
Please provide a short description of your business: main activities, year of foundation, etc. *
max 1000 characters
Country. *
Eligibility
Please be aware that we are looking for Legal Entities established in:
• Member State of the European Union and its Overseas countries and
If you are applying as a consortium, please complete the data for each consortium member (up to 3).
Consortium
Required fields
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TrialsNet > Apply > Application > Description of the proposed use case(s) and related t

Back to application

Description of the proposed use case(s) and related trial(s)

Use Case/Infrastructure description (max 12 pages):

1. **Title of the use case(s) and trial(s)**
2. **Specify to which of the 8 areas mentioned in the Guide of Applicants of TrialsNet the use case is related**
3. **General explanation of the use case**
4. **Supporting facilities: explain in detail how you want to use the local TrialsNet infrastructures (option 1) or how you want to use new infrastructures (option2)**
5. **Relevance for the addressed market**
6. **Problem(s) to be solved.**
7. **Concrete challenges and respective goals of the presented use case(s) and related field trial(s)**
8. **Benefits for the users and for the relevant communities (KVIs).**
9. **Functional Requirements and Key Performance Indicators (KPIs).**
10. **Deployment aspects**
11. **Text describing the targeted area(s) of deployment (outdoor, indoor large area, ...)**
12. **Planned timing**
13. **What data do you plan to collect/generate during the trial?**
14. **Are you going to provide open access of data?**

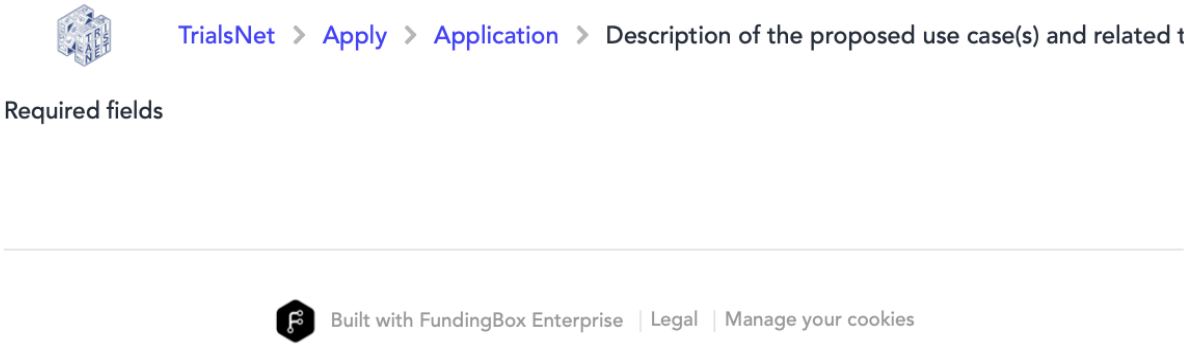
Title of the use case(s) and trial(s) *

Are you applying for Option 1 or 2 (see Guide for applicants)? *

Option 1

Option 2

USE CASES DESCRIPTION (max. 10MB) *


TrialsNet > Apply > Application > Description of the proposed use case(s) and related t
Required fields
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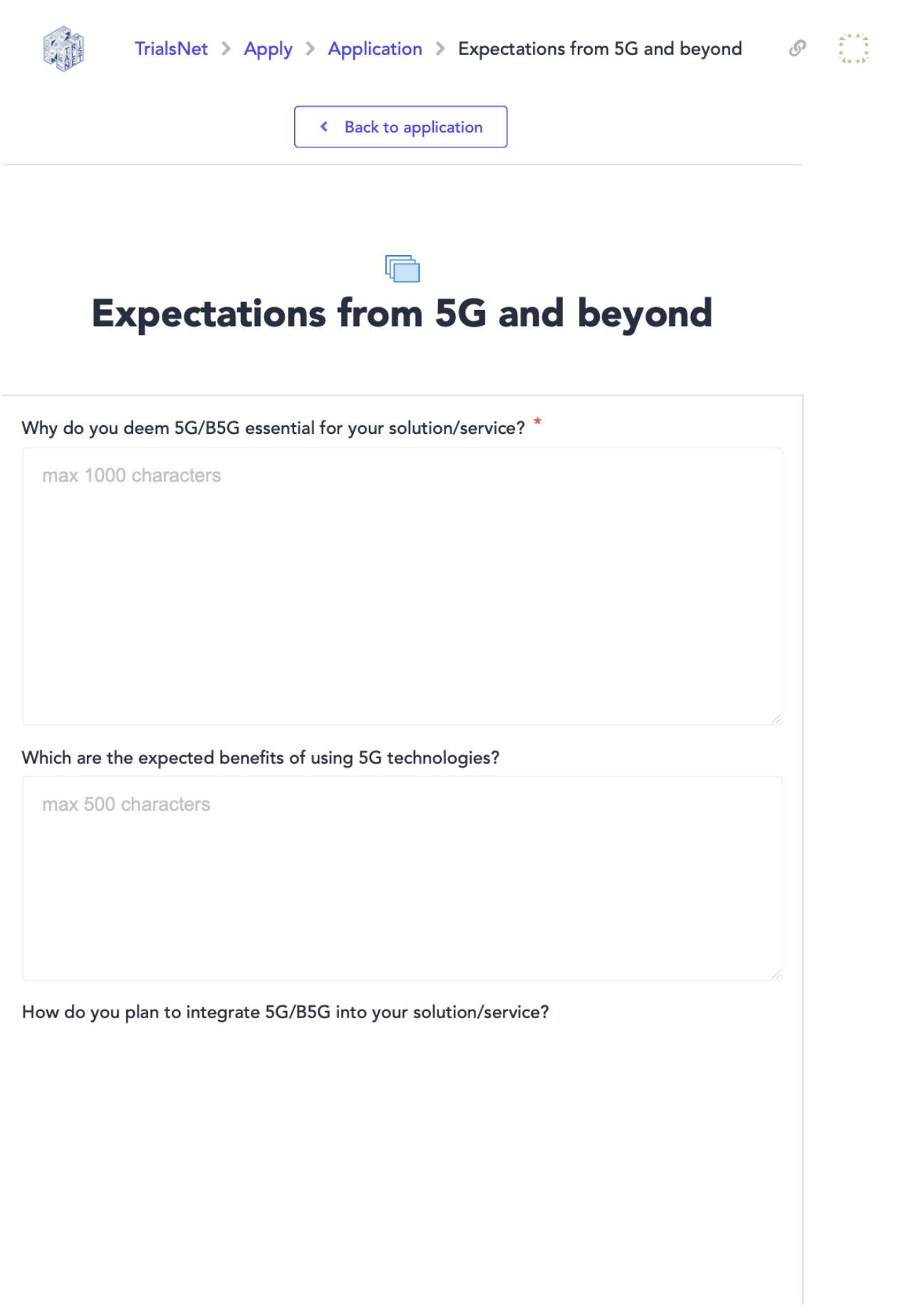
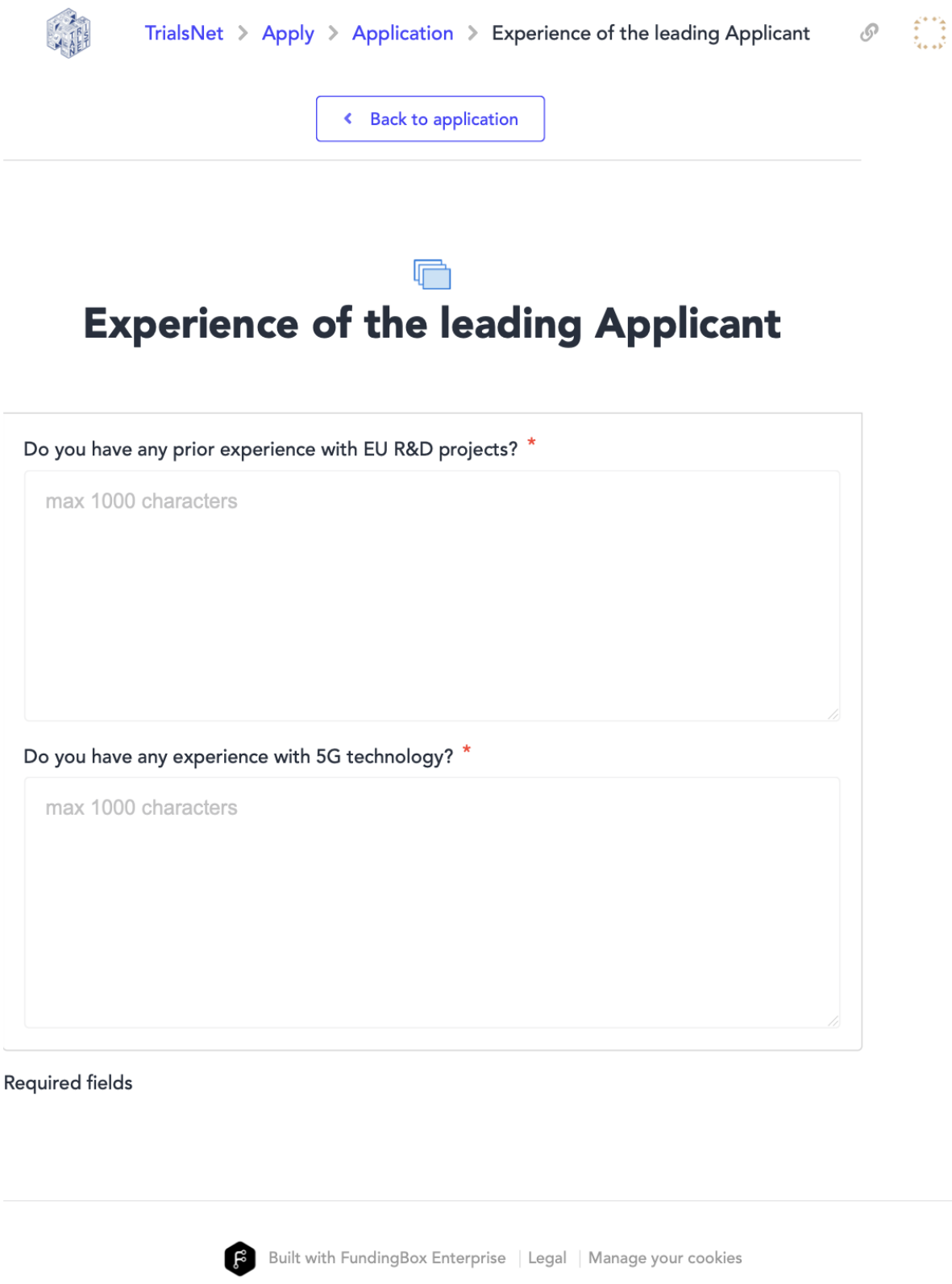

TrialsNet > Apply > Application > Expectations from 5G and beyond
Back to application
Expectations from 5G and beyond
Why do you deem 5G/B5G essential for your solution/service? *
max 1000 characters
Which are the expected benefits of using 5G technologies?
max 500 characters
How do you plan to integrate 5G/B5G into your solution/service?


TrialsNet > Apply > Application > Experience of the leading Applicant
Back to application
Experience of the leading Applicant
Do you have any prior experience with EU R&D projects? *
max 1000 characters
Do you have any experience with 5G technology? *
max 1000 characters
Required fields
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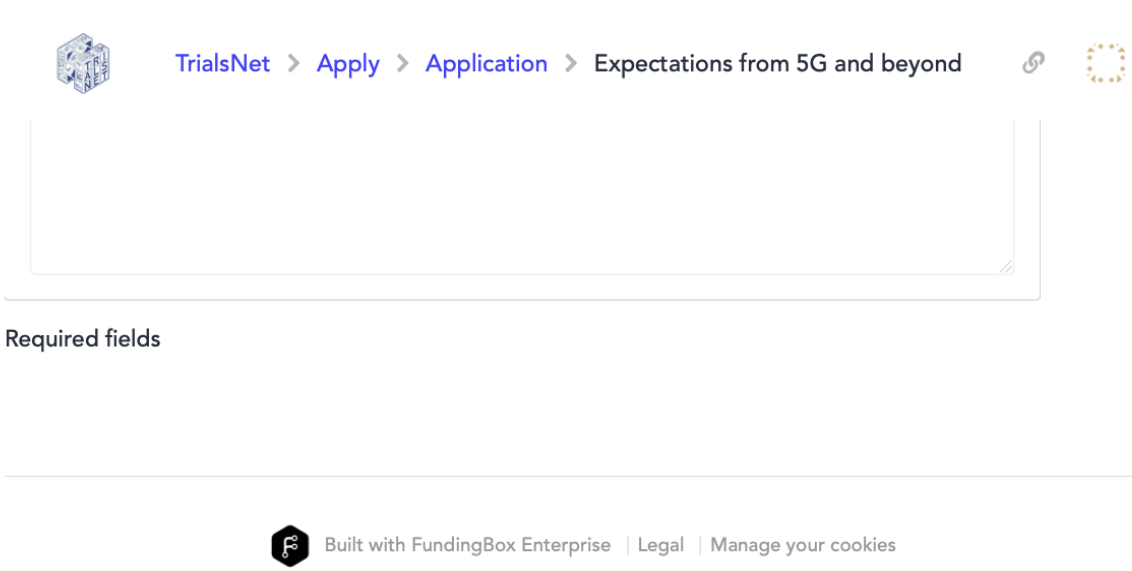
What are your expectations regarding 5G/B5G connectivity (round trip time, upload and download data rate, service reliability)? How are these associated with your experiment? *

max 2000 characters

What type of resources will be required from TrialsNet to run your experiment? *

max 1000 characters

How much time would you need to run your field trial (not including training, pre-testing activities and getting familiar with the platform functionalities)? *


TrialsNet > Apply > Application > Expectations from 5G and beyond
Required fields
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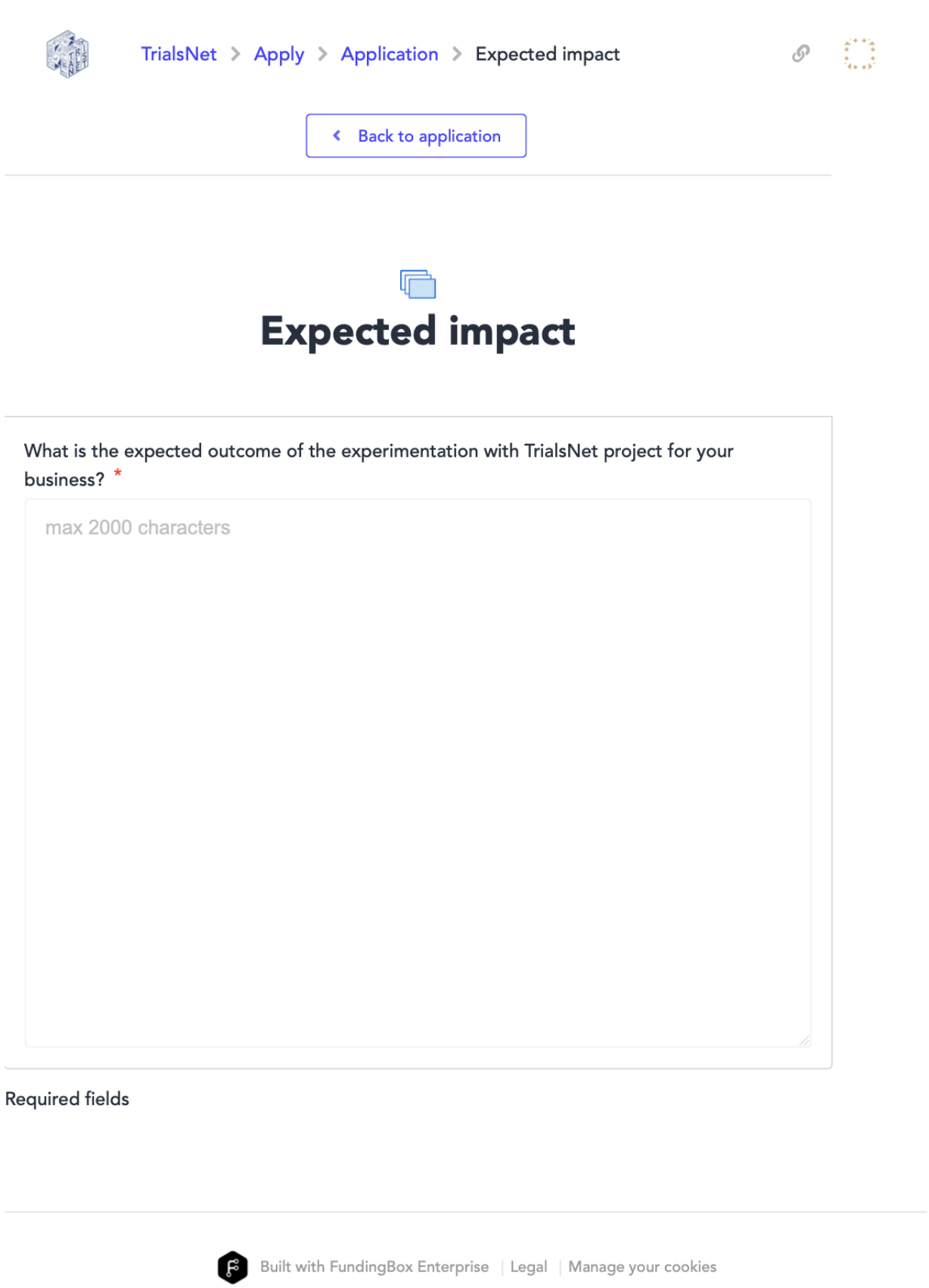
TrialsNet > Apply > Application > Expected impact
Back to application
Expected impact
What is the expected outcome of the experimentation with TrialsNet project for your business? *
max 2000 characters
Required fields
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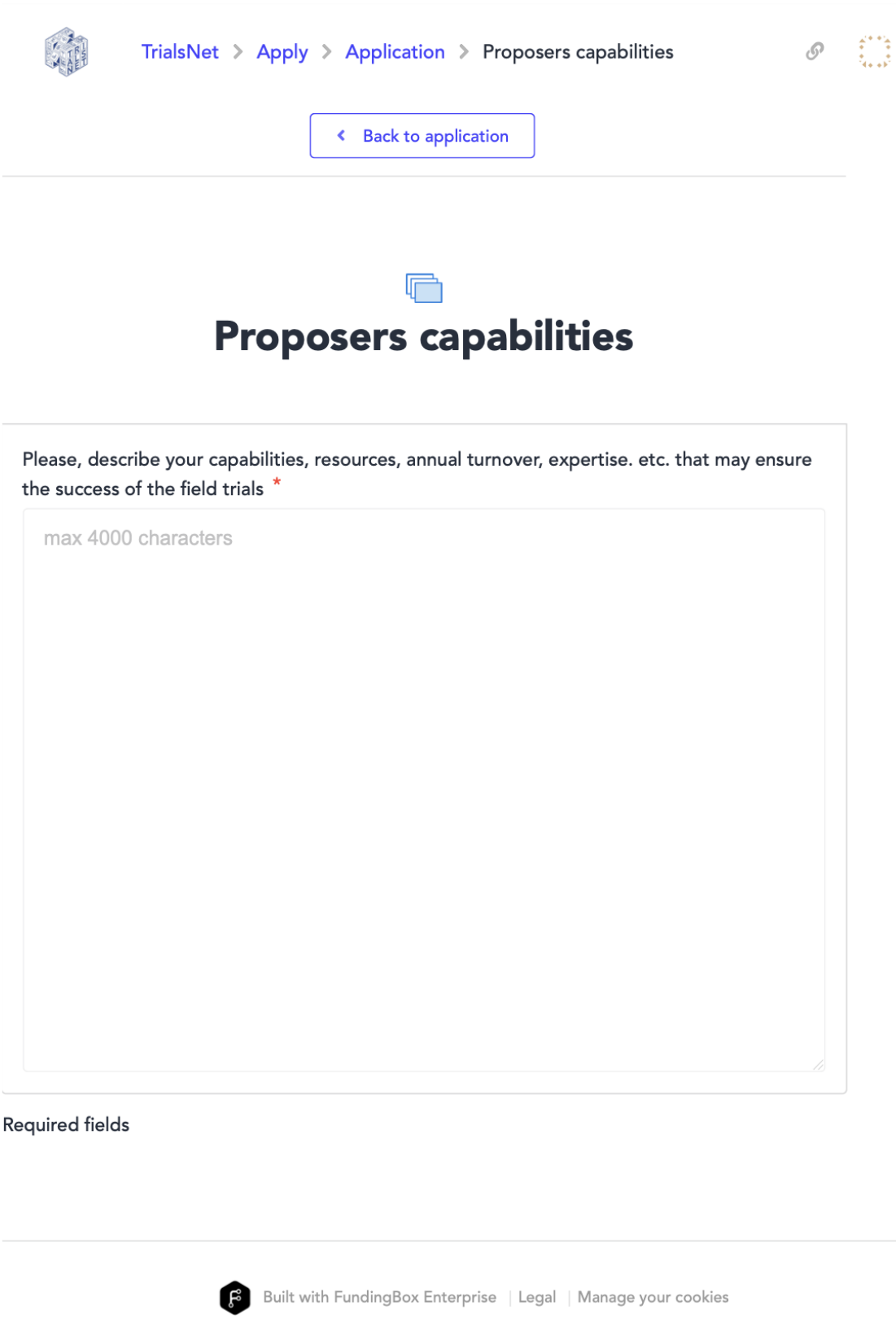
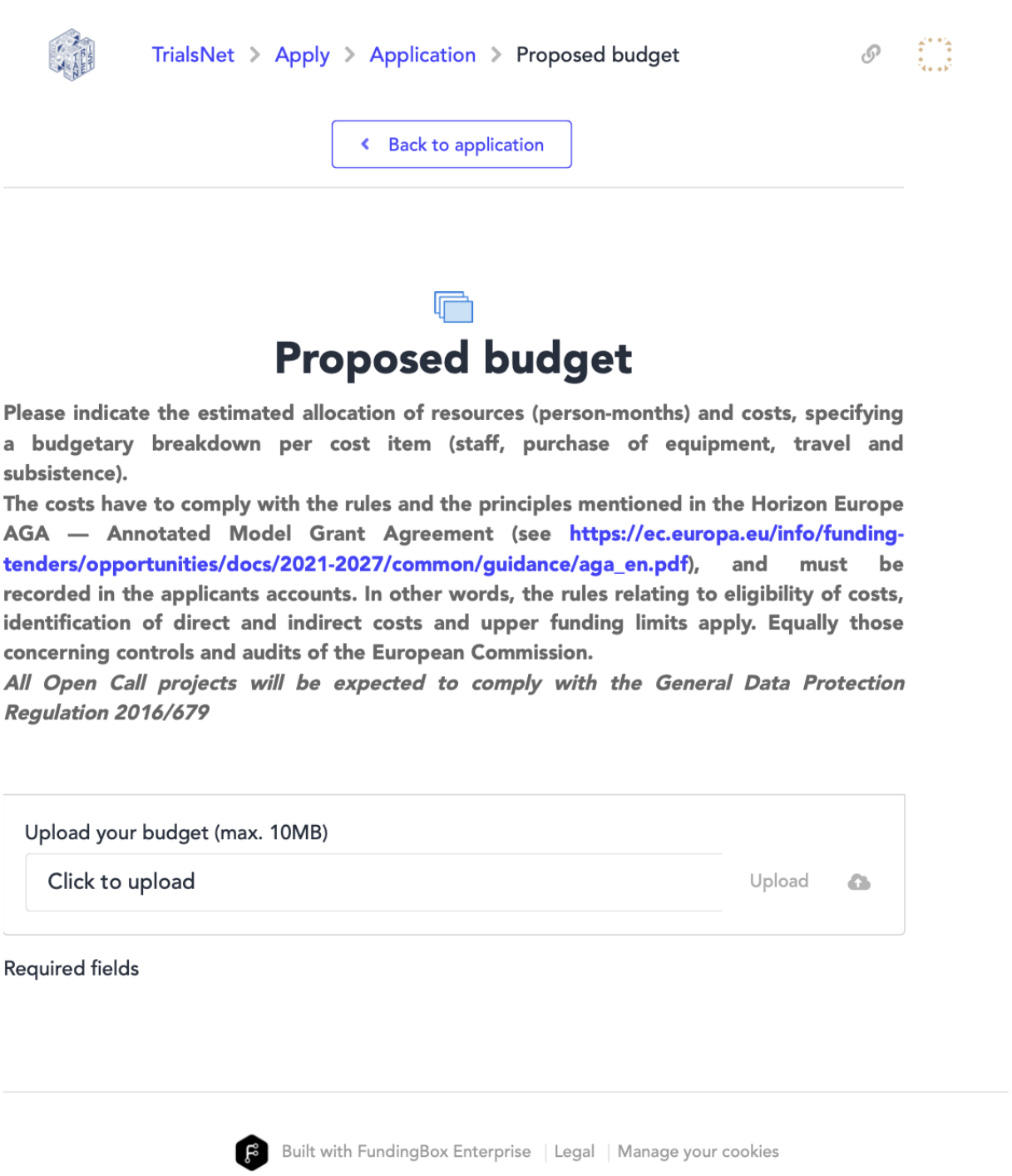
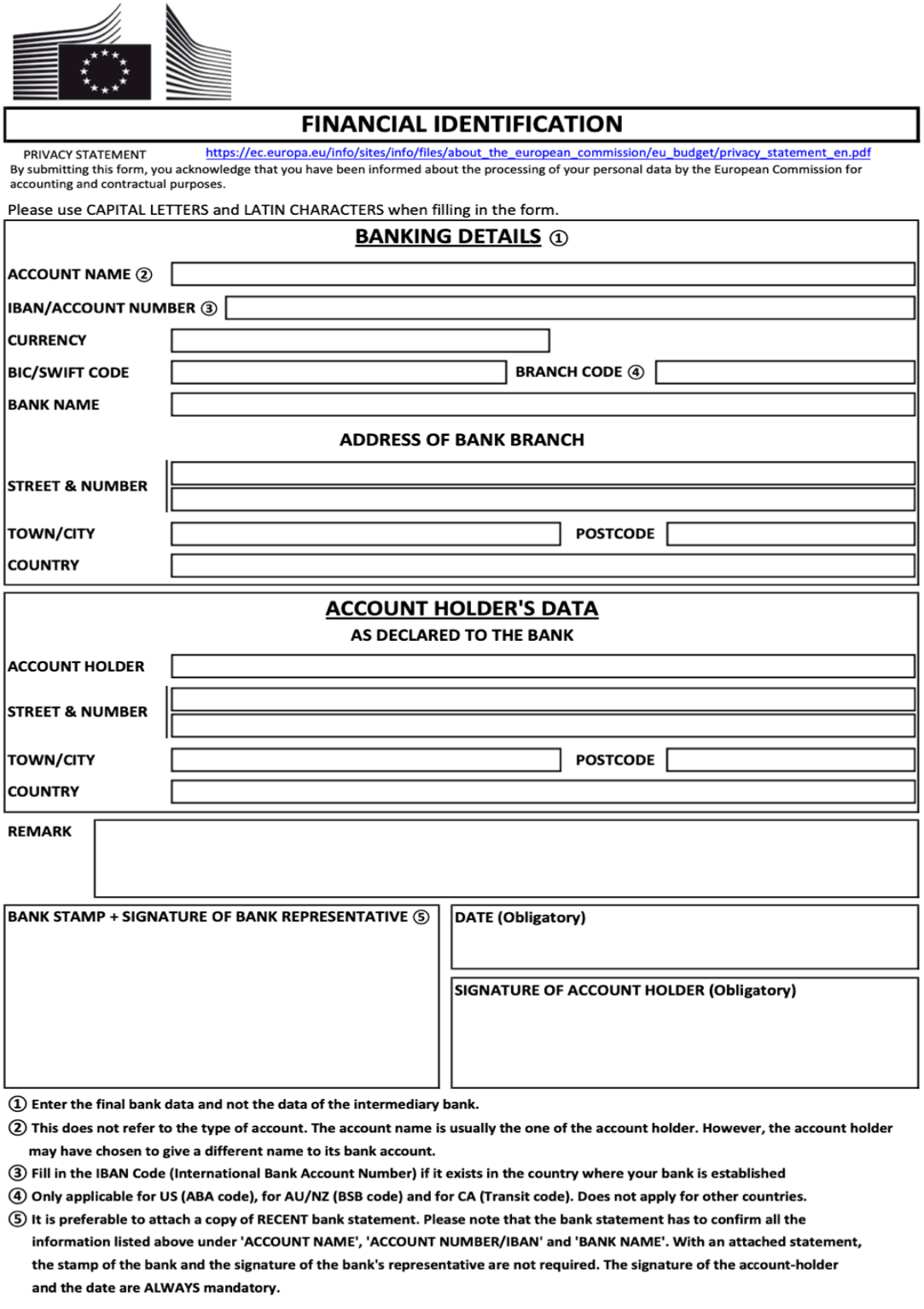

TrialsNet > Apply > Application > Proposers capabilities
Back to application
Proposers capabilities
Please, describe your capabilities, resources, annual turnover, expertise. etc. that may ensure the success of the field trials *
max 4000 characters
Required fields
Built with FundingBox Enterprise | Legal | Manage your cookies


TrialsNet > Apply > Application > Proposed budget
Back to application
Proposed budget
Please indicate the estimated allocation of resources (person-months) and costs, specifying a budgetary breakdown per cost item (staff, purchase of equipment, travel and subsistence).
The costs have to comply with the rules and the principles mentioned in the Horizon Europe AGA — Annotated Model Grant Agreement (see https://ec.europa.eu/info/funding-tenders/opportunities/docs/2021-2027/common/guidance/aga_en.pdf), and must be recorded in the applicants accounts. In other words, the rules relating to eligibility of costs, identification of direct and indirect costs and upper funding limits apply. Equally those concerning controls and audits of the European Commission.
All Open Call projects will be expected to comply with the General Data Protection Regulation 2016/679
Upload your budget (max. 10MB)
Click to upload
Upload
Required fields
Built with FundingBox Enterprise | Legal | Manage your cookies

Annex B - Financial Identification Form

This Annex includes the Financial Identification Form, as depicted in Figure 12, which followed the EC template and instructions and required the leading applicant to provide their banking details.



FINANCIAL IDENTIFICATION

PRIVACY STATEMENT https://ec.europa.eu/info/sites/info/files/about_the_european_commission/eu_budget/privacy_statement_en.pdf

By submitting this form, you acknowledge that you have been informed about the processing of your personal data by the European Commission for accounting and contractual purposes.

Please use CAPITAL LETTERS and LATIN CHARACTERS when filling in the form.

BANKING DETAILS ①

ACCOUNT NAME ②

IBAN/ACCOUNT NUMBER ③

CURRENCY

BIC/SWIFT CODE | BRANCH CODE ④

BANK NAME

ADDRESS OF BANK BRANCH

STREET & NUMBER

TOWN/CITY | POSTCODE

COUNTRY

ACCOUNT HOLDER'S DATA

AS DECLARED TO THE BANK

ACCOUNT HOLDER

STREET & NUMBER

TOWN/CITY | POSTCODE

COUNTRY

REMARK

BANK STAMP + SIGNATURE OF BANK REPRESENTATIVE ⑤

DATE (Obligatory)

SIGNATURE OF ACCOUNT HOLDER (Obligatory)

① Enter the final bank data and not the data of the intermediary bank.

② This does not refer to the type of account. The account name is usually the one of the account holder. However, the account holder may have chosen to give a different name to its bank account.

③ Fill in the IBAN Code (International Bank Account Number) if it exists in the country where your bank is established

④ Only applicable for US (ABA code), for AU/NZ (BSB code) and for CA (Transit code). Does not apply for other countries.

⑤ It is preferable to attach a copy of RECENT bank statement. Please note that the bank statement has to confirm all the information listed above under 'ACCOUNT NAME', 'ACCOUNT NUMBER/IBAN' and 'BANK NAME'. With an attached statement, the stamp of the bank and the signature of the bank's representative are not required. The signature of the account-holder and the date are ALWAYS mandatory.

Figure 12. Financial Identification Form.

Annex C - List of selected applicants

TrialsNet onboarded 24 third parties, as described in Table 4, who were appointed following the selection process.

Table 4. Open Call selected proposals.

No.	Proposal title	Legal Name of Applicant	Domain Addressed
1	**Connected Rails: Evaluating 5G for Autonomous Tram Operations**	Ground Transportation Systems Italia	Transportation
2	**Beyond 5G Football Stadium**	RunEL NGMT Ltd	Entertainment
3	**5G-enabled Secure Surveillance System (5GS3)**	ZELUS PC	Security & Safety
4	**Turin5Games**	Domethics srl	Entertainment
5	**Torino 4U: 10 things to see around you**	Stendhapp srl	Culture
6	**6GVision: Improvement of the 5GOpen testbed at imec with vision-aided mmW gNB**	Allbesmart LDA	Culture, Tourism & Entertainment
7	**DREAMPARK**	AnotheReality Srl	Entertainment
8	**COMO5: COntinuous MOnitoring of patients with chronic disease via 5G**	University of Pisa	eHealth and Emergency
9	**SkyLink Vision**	Alpha Unmanned Systems S.L.	Security & Safety
10	**METACLINIC**	NARA EGITIM TEKNOLOJILERI A.Ş.	eHealth and Emergency
11	**CITY4ALL**	EURIX SRL	Security & Safety
12	**5G AUGMENTED REALITY TOUR FOR THE UNESCO SITE "HISTORICAL CENTER OF NAPLES"**	A.R. TOUR SRL	Culture, Tourism
13	**AI/ML-based Preventive and Reactive Emergency handling (AI-PREMSET-MCX)**	Nemergent Solutions SL	Security & Safety
14	**MILESTONE - A REAL-TIME AI-ENABLED WORKER SAFETY PRESERVATION SYSTEM**	PLEGMA LABS TECHNOLOGIES	Security & Safety
15	**MediVision-5G (eHealth)**	Neutroon Technologies S.L.	eHealth and Emergency
16	**Automated Tele-Operated Sustainable (ATOS) driving**	TNO	Transportation
17	**Intelligent control of interconnected manufacturing infrastructures (i-CNC)**	CNC Solutions - P.Gounas K.Enezlis O.E.	Infrastructure

No.	Proposal title	Legal Name of Applicant	Domain Addressed
18	**Remote Coordination and Interworking of First Responders in Emergency Situations**	Atos/Eviden	eHealth and Emergency
19	**AdaptoFlow**	University of Cyprus	Infratrsucture, Transportation and Securitiy & Safety
20	**“Remember Ascari”: MR in MAUTO – Immersive MR Experience in F1 (MAUTO)**	Milan Institute for Arts and Technology	Culture
21	**AI4RTC: AI applications for Real-time Charging Load Management**	Local AI P.C.	Transportation
22	**5GVIREH: Virtual Reality Enhanced Rehabilitation**	Università degli Studi Roma Tre	eHealth and Emergency
23	**Cities Without Barriers**	Studio 5T srl	Infrastructure
24	**Mobile Augmented Reality for Outdoor PoI (Points of Interest) Enrichment**	SMARTRDI SMART RESEARCH AND DEVELOPMENT INTERNATIONAL SRL	Tourism