

Welcome



11:00 Uhr



Funding opportunities for the Blockchain community (TruBlo)

Infosession | 8 February 2022

Agenda

Welcome

Introduction to Berlin Partner and Enterprise Europe Network

Introduction to the TruBlo project and the open call

Mirko Lorenz | Deutsche Welle

Report of a successful application

Mirko Ross | ASVIN GmbH

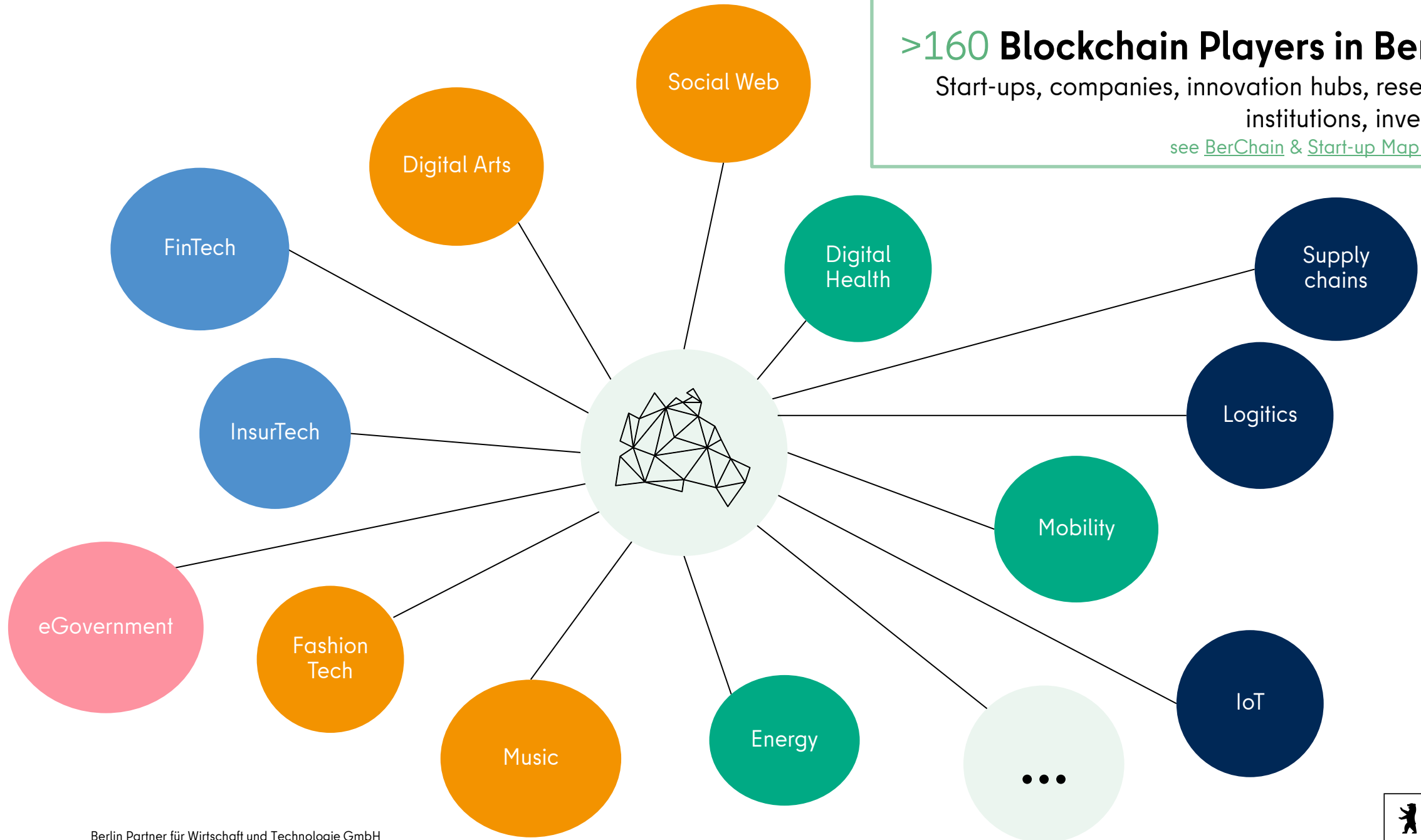
Pitch to connect

We are **Jakob Zwiers** | Innovationmanager Blockchain, Berlin Partner
Mona Meyer zu Kniendorf | Innovationmanager, Enterprise Europe Network

>160 Blockchain Players in Berlin

Start-ups, companies, innovation hubs, research institutions, investors


see [BerChain](#) & [Start-up Map Berlin](#)





- Building an **open ecosystem** for decentralised identity management (usable worldwide with orientation towards European values and regulations)
- **Self-management** of identity information for everyone*
- Ensuring one's own **data sovereignty** (= deciding which data is shared with whom and when)

*natural and legal persons and things

 <https://idunion.org/?lang=en>



BUSINESS LOCATION PACKAGE

The direct way to your
property and offices



BUSINESS FINANCING PACKAGE

Support programmes
for investment and
innovation



BUSINESS TALENT PACKAGE

Professionals
for your jobs



BUSINESS INNOVATION PACKAGE

More innovation through
research cooperation



BUSINESS INTERNATIONAL PACKAGE

Successful worldwide
cooperation from
Berlin

Based in your region - connected to the world

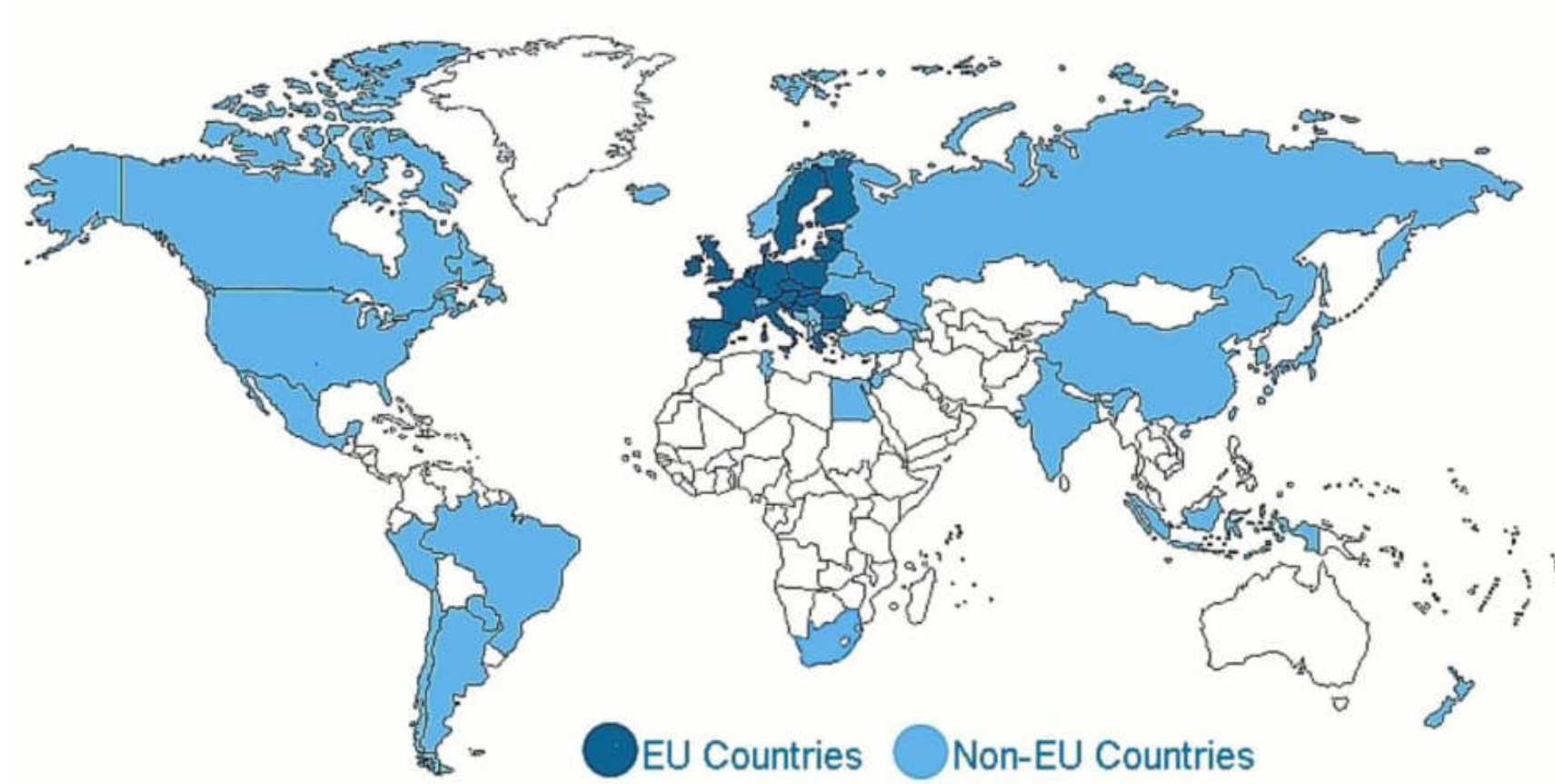


Wirtschaftsförderung
Brandenburg | WFBB

Find your local contact point



<https://een.ec.europa.eu>



A broad range of services for growth-oriented startups and SMEs

INNOVATION SUPPORT

Access to finance and funding

Innovation Management
Services

Technology transfer

INTERNATIONAL PARTNERSHIPS

Partnership database

Brokerage events

Company missions

ADVISORY SUPPORT

Advice on EU laws and
standards

Market intelligence

IPR expertise

EEN services are free of charge!

Introduction to the TruBlo project and the open call

Mirko Lorenz | Deutsche Welle

TruBlo

Open Call #3

Information and Q&A Session



Webinar
8.2.2022



Worldline



Agenda

- What is TruBlo?
- TruBlo Consortium
- Objectives and Scientific challenges
- Who can apply to Open Call 3?
- How to apply?
- By example: Funded projects Open Call 1 and 2

Short Question & Answer Session

What is TruBlo?







TruBlo: “Trusted and reliable content on future blockchains”

ICT-54-2020: Blockchain for the Next Generation Internet

Fostering trust in internet information exchange and content with blockchain

- Funded by the European Commission
- Duration: 36 months from September 2020 to August 2023
- Up to €4,2 million of funding through three open calls

TruBlo Consortium

Partner	Main Role	Country
	Overall project coordination, industry expert on blockchain technology	Spain
	Academic expert on blockchain technology	Greece
	Research on technologies to fight against fake news	Greece
	Germany's international public service broadcaster	Germany
	Start-up/SME community, open call management	Ireland
	Blockchain infrastructure provider	Spain

Vision: Distributed Trust

- As societies and **human/social networks grow**, people will find new direct and far more functional ways of **disseminating information**.
- Such networks inevitably rely more and more on technologically assisted means to ensure **trust** in:
 - the **medium** and
 - **disseminating information and content**
- Blockchain technology can contribute to the evolution of Next Generation Internet towards high levels of **Distributed Trust**.

Vision

*“The **main vision** of the project is to nurture and facilitate beyond the state-of-the-art research on **blockchain technology** which will lead to more scalable blockchain based solutions and applications which will contribute to **ensure the exchange of trustworthy and reliable content on social networks and media.**”*

Objectives

- To implement a series of **three open calls** that will enable the selection of excellent teams to **research & innovate** on blockchain technologies and applications.
- To offer **supporting services** that will contribute as added value to third parties.
- To create an **ecosystem of stakeholders**
- To enable innovative **blockchain-based business models**

Use case 1: Trust and reputation models on blockchains.

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

Call topics can include:

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

Use case 2: Proof-of-validity and proof-of-location

New mechanisms to increase transparency and trustworthiness of user-generated content. The users can apply additional verification mechanisms to increase transparency, validity and trustworthiness, such as Proof-of-Location and Proof-of Validity.

Call topics can include:

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

More info on use case 2

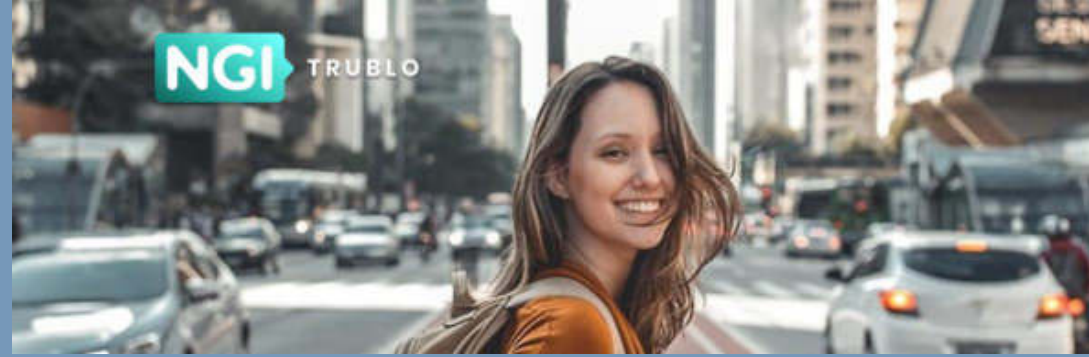
Proof –of–Location and Proof–of–Validity

- **Verification mechanisms** that can increase transparency, validity and high level of trustworthiness: namely new **Proof-of-Location** and **Proof-of-Validity** mechanisms.
- **PoL** has to do with intrinsic parameters that the mobile devices can provide (e.g. current location of the device when posting a specific article on social media).
- **PoV** is a human-contributed mechanism of validation whereby humans will undergo specific challenges and tests that are focused mainly on human intelligence and capabilities (e.g. recognise if a news item sounds too unrealistic and can be reported as fake news).



Open Call #3: Application infos

OPEN CALL #3



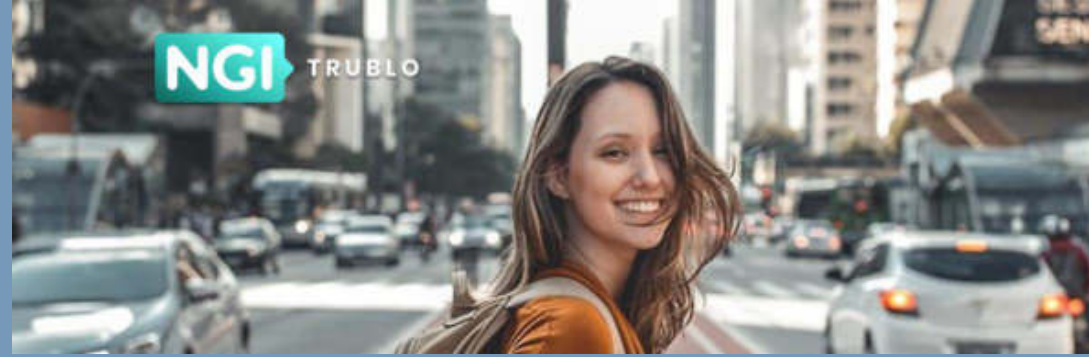
Opening date: 27.01.2022, 12:00 CET

Closing date: 30.03.2022, 12:00 CET

The Call is open to **developers, innovators, researchers, SMEs and entrepreneurs**, actively involved in research, development and application activities in the fields of Blockchain related technologies.

They could be part of **academia, startups, high tech companies or natural person(s)**.

OPEN CALL #3



Objectives

The objective of the TruBlo Open Call #3 is to invite academic teams, researchers, SMEs and startups to **define and implement small scale research projects** in two focus areas :

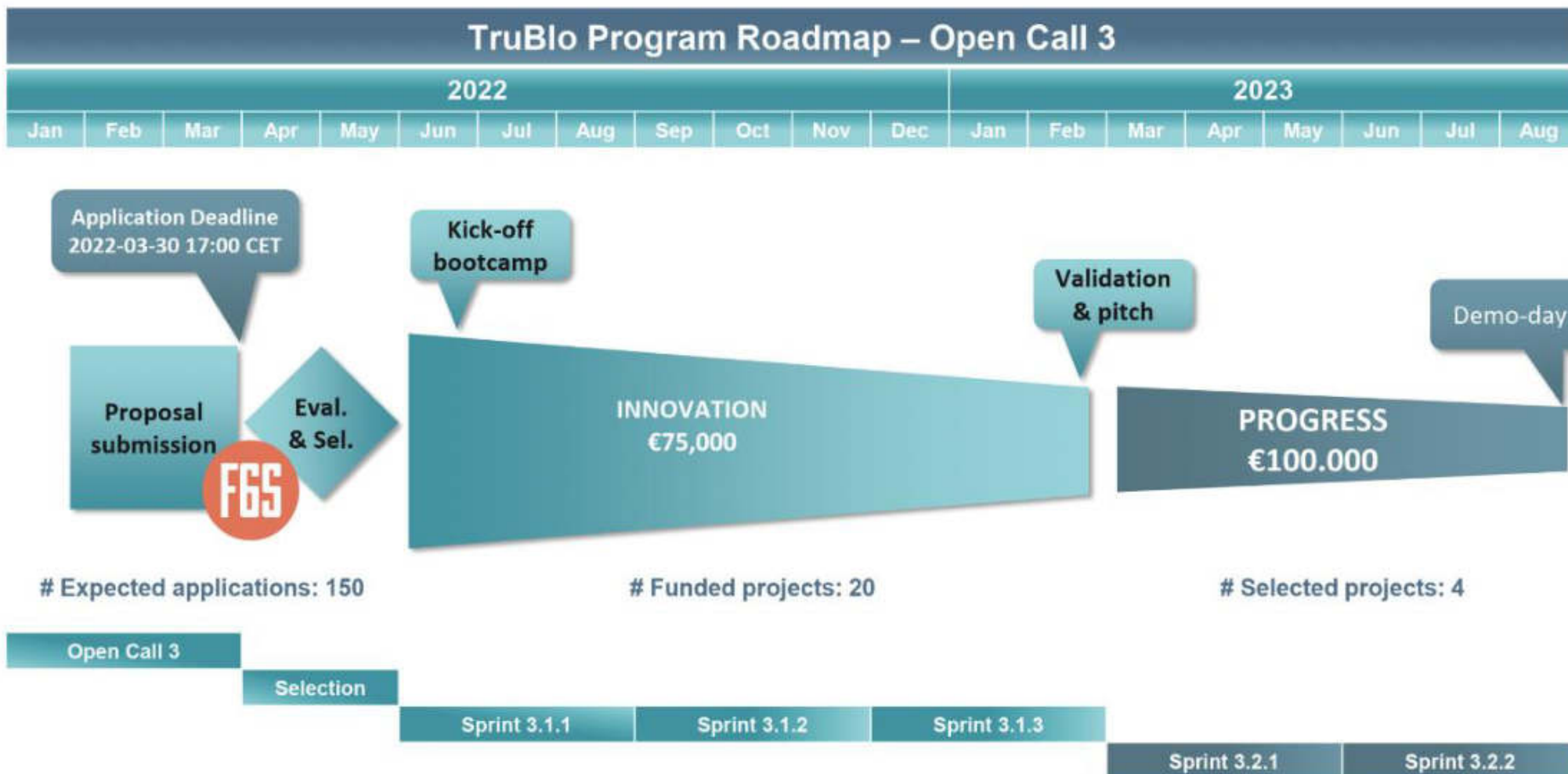
- Trust and reputation models on blockchains
- Proof-of-validity and proof-of-location

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

OPEN CALL #3



Roadmap



OPEN CALL #3



Website

TRUBLO OPEN CALL #3

Phase 1: Innovation (9 months)

Up to **20 projects** will be selected in the **innovation phase to develop their proposed project and prepare a publication** (whitepaper or scientific article) describing their solution.

OBJECTIVES



EXPECTED RESULTS AND DELIVERABLES



DURATION



FUNDING



Phase 2: Progress (6 months)

A subset of **four projects from Phase 1 from Open Call #3** will be selected to further develop activities associated with the demonstration/ piloting as well as promotion and exploitation of their project, building an MVP as demonstrator and aiming to engage new customers and/or partners and/or investors.

OBJECTIVES



EXPECTED RESULTS AND DELIVERABLES



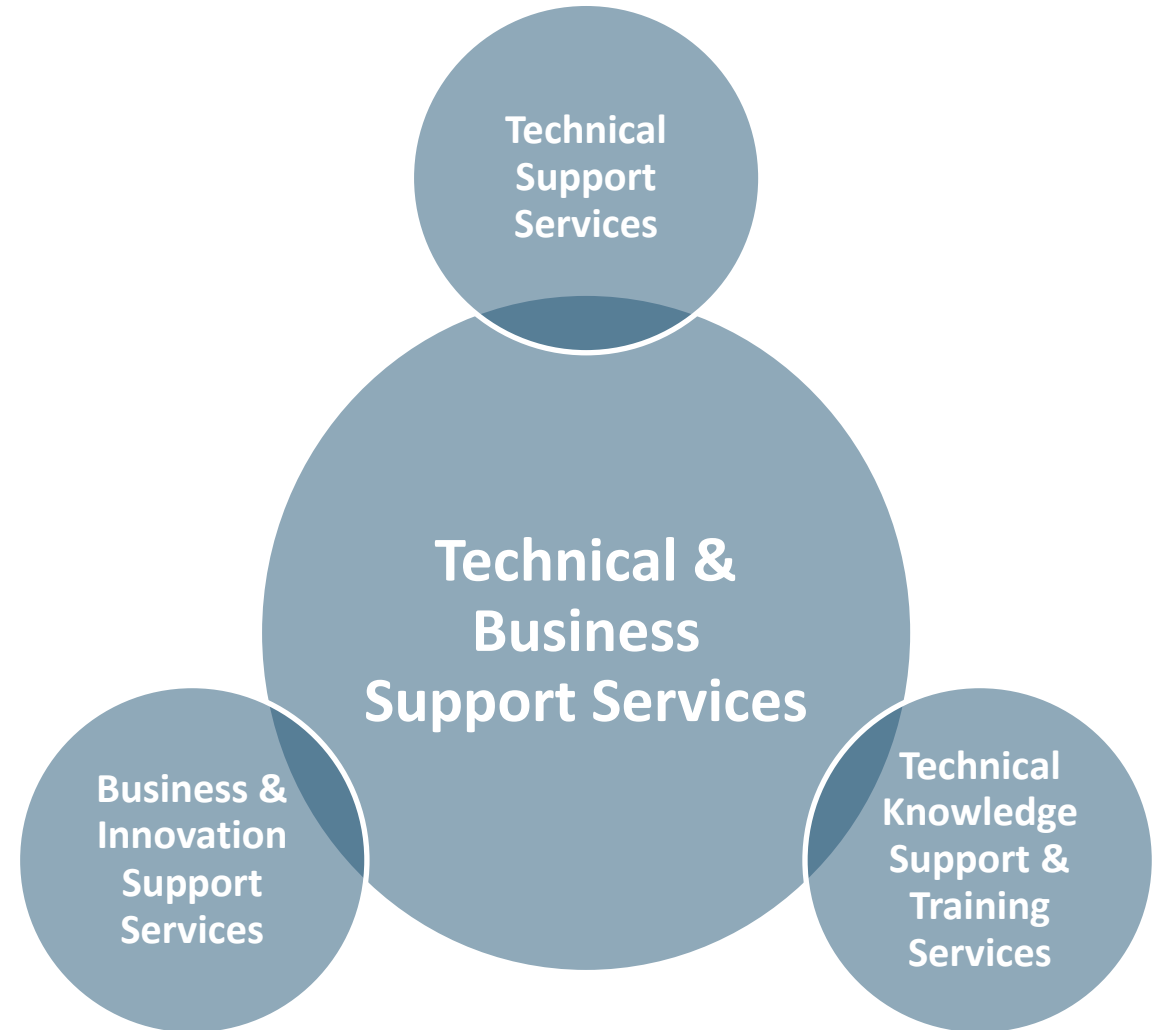
DURATION



FUNDING



TruBlo Support Services



OPEN CALL #3 ELIGIBILITY

Type of Applicants

The target Applicants of this call are:

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

OPEN CALL #1 ELIGIBILITY

These Applicants' profiles can apply as individuals or linked to a legal entity

Natural person(s):

- One or more individuals (team); established in any eligible country. **This does not consider the country of origin but the residence permit.**

Legal entity:

- One or more entities (consortium); established in an eligible country;
- Universities, research centers, NGOs, foundations, micro, small and medium-sized enterprises, large enterprises are eligible.
- **Any combination of the above.**

OPEN CALL #3



Type of funding per Team

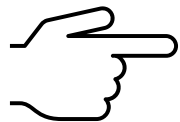
Type of team	Phase 1	Phase 2	Maximum funding
Natural person	37 500€	50 000€	87 500€
Team of natural persons	56 250€	75 000€	131 250€
Legal entity or consortium of legal entities or combination of legal entities and natural persons	75 000€	100 000€	175 000€

OPEN CALL #1 ELIGIBILITY

Eligible Countries

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

- The Member States (MS) of the European Union (EU), including their outermost regions;
- The Overseas Countries and Territories (OCT) linked to the Member States;
- H2020 associated countries (those which signed an agreement with the Union as identified in Article 7 of the Horizon 2020 Regulation): according to the updated list published by the EC2;
- **The UK applicants are eligible under the conditions set by the EC for H2020 participation at the time of the deadline of the call.**



https://ec.europa.eu/research/participants/data/ref/h2020/other/wp/2018-2020/annexes/h2020-wp1820-annex-ga_en.pdf

OPEN CALL #3

Application Documents

HOW TO APPLY

Two steps to getting there: First download the documents and read them. Secondly, click on the "Apply" button below. The application process is handled through the platform of F6S, who is a partner of the TruBlo project.

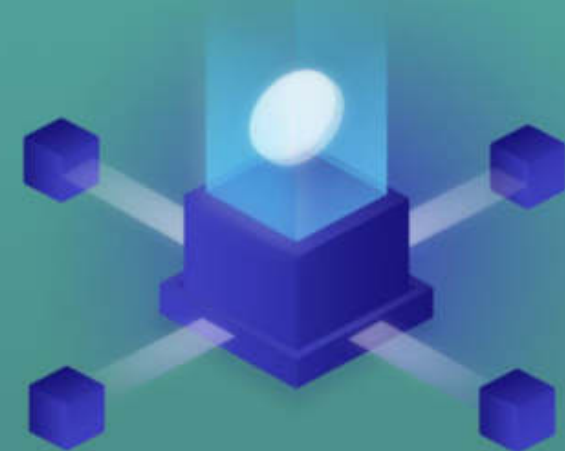
Step 1: Download documents

Simple: All needed documents are in one .zip package:

[Complete TruBlo Open Call 3 docs for download \(.zip\)](#)













List of documents

1. TruBlo OC3 Overview
2. TruBlo OC3 Annex 1: Guide for Applicants
3. TruBlo OC3 Annex 2.1: TruBlo Proposal description
4. TruBlo OC3 Annex 2.2: Additional Applicant(s) template
5. TruBlo OC3 Annex 3: Declaration of Honour
6. TruBlo OC3 Annex 4: SME Declaration
7. TruBlo OC3 Annex 5: Team Declaration of Honour
8. TruBlo OC3 Annex 6: Sub-grant Agreement
9. TruBlo OC3 Annex 7: Bank Account Information
10. TruBlo OC3 Annex 8: Template for H2020 Financial Support to Third Parties



OPEN CALL #3

Application Documents

-  TRUBLO OC3 Open Call #3 Documentation.pdf
-  TRUBLO OC3 Overview.pdf
-  TRUBLO OC3_Annex1_Guide for Applicants.pdf
-  TRUBLO OC3_Annex2.0_F6S_ApplicationForm.pdf
-  TRUBLO OC3_Annex2.1_TRUB...posal Description Template.pdf
-  TRUBLO OC3_Annex2.2_Addit...licant(s) template TRUBLO.pdf
-  TRUBLO OC3_Annex3_Declaration of Honour.pdf
-  TRUBLO OC3_Annex4_SME Declaration.pdf
-  TRUBLO OC3_Annex5_Team Declaration of Honour.pdf
-  TRUBLO OC3_Annex6_Sub-grant Agreement.pdf
-  TRUBLO OC3_Annex7_BankAccountInformation.pdf
-  TRUBLO OC3_Annex8_Templa...ial Support to Third Parties.pdf

Application process on F6S

- The submission will be done through the F6S platform
<https://www.f6s.com/trublopencall/apply>
- Application form: administrative questions to be completed directly in the F6S
- Proposal description: document in PDF format containing the description of the project. It will include three different sections:
 - (1) Project Summary,
 - (2) Organisation background,
 - (3) Concept & Breakthrough
 - (4) Ambition & Impact
 - (5) Strategy & Milestones
 - (6) Ethical/Security Checklist

For any Open Call/ Application related questions:

- info@trublo.eu
- Live F6S Page:
<https://www.f6s.com/trublopencall/discuss>



TruBlo

Connect with Juan Luis, Jordi & Emilia @TruBlo

Continue with LinkedIn

Continue with Facebook

OR

[Join or Login with e-mail](#)

For new users, your public profile/basic information will be used to create a profile. We will never post without your permission. By joining F65 and providing your personal information, you confirm you agree to us using it to provide our services and to keep in touch regarding information we think may interest you. You also confirm agreement to the [Terms of Service](#) and [Privacy Policy](#). You can change your mind about receiving information from us as set out in our policies.

Trusted and reliable content on future blockchains

TRUBLO - Trusted and reliable content on future blockchains, is a programme that aims to nurture and facilitate beyond the state-of-the-art research on blockchain technology which will lead to more scalable blockchain based solutions and applications. These developments will contribute to ensuring the exchange of trustworthy and reliable content on social networks and media.

TRUBLO will implement a series of three (3) open calls that will target academic, R&D research teams and SME companies. They are invited to define and implement small scale research projects on two related focus areas, obtaining technical and business support services from TRUBLO:

Stay Update And Get Involved!



TRUBLO.EU



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#TRUBLO



Trublo.slack.com



Youtube.com/trublo

Mirko Lorenz
DW Innovation

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Worldline





Report of a successful applicant

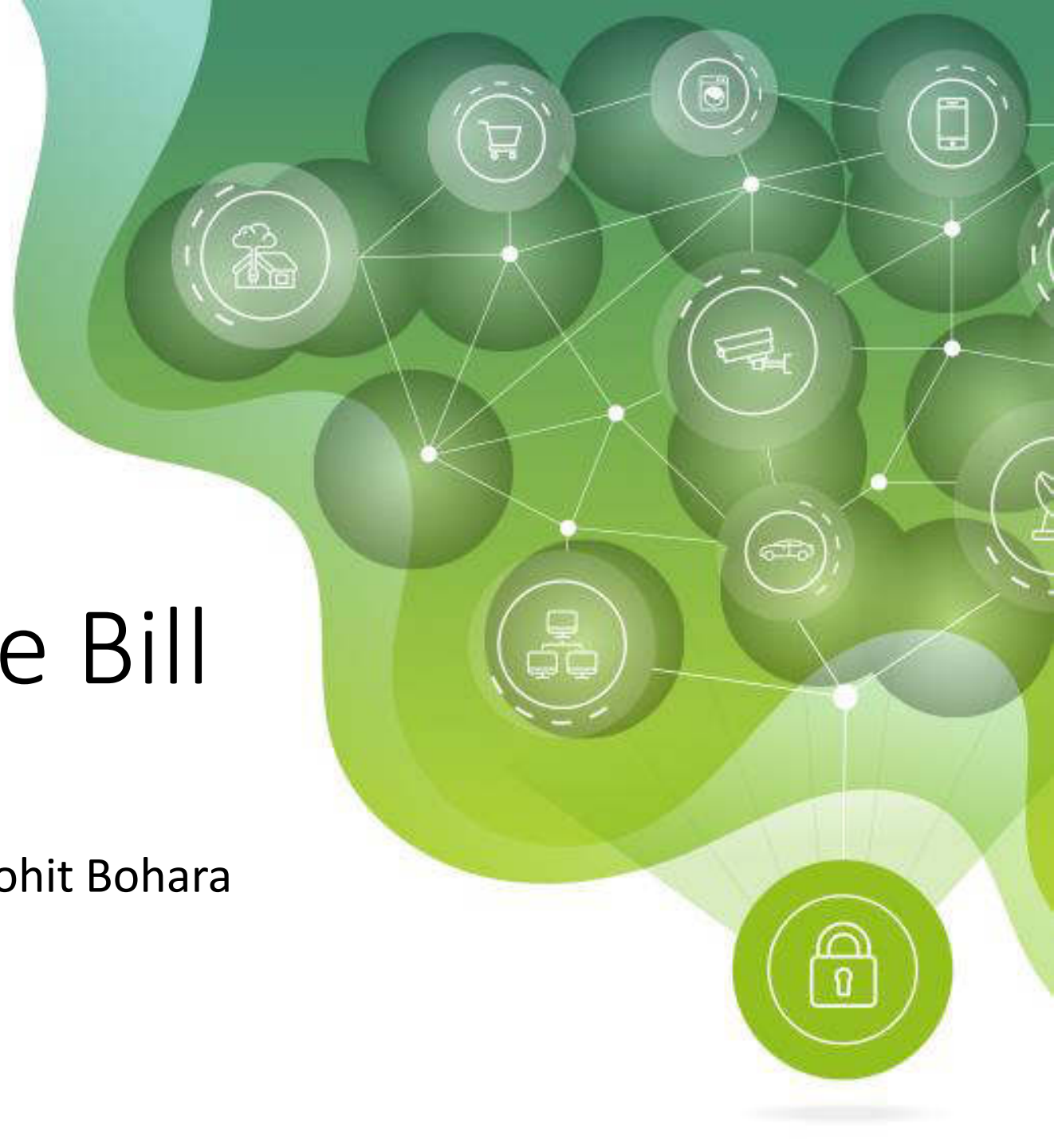
Mirko Ross | ASVIN GmbH



D-SBOM

Distributed Software Bill Of Materials

Presentation by Mirko Ross, Sven Rahlfs, Rohit Bohara



Team: **Competence**



Mirko Ross (CEO)
CyberSecurity & IoT Expert
for EU and ENISA



Sven Rahlfs (COO)
20+ years experience on
ICT & IoT project management



Rohit Bohara (CTO)
5+ years embedded &
Blockchain development

Advisory Board



Dr. Elmar Degenhart
Former Chairman
CONTINENTAL AG



Dr. Klaus Entenmann
Former Chairman
DAIMLER Financial Service AG



Dr. Klaus Schaaf
DLT Evangelist
Volkswagen AG

Our Mission

“Increase trust and Security in Internet of Things Supply Chains and Software Life Cycles”

The background image shows a dense forest of tall, thin trees. The sky is a warm, golden-orange color, suggesting a sunset or sunrise. In the foreground, there is a large fire burning, with bright orange and yellow flames rising from the ground and reaching up towards the trees. The fire appears to be consuming the lower parts of the trees and the ground cover.

The Why ?

Attacks on Software Supply Chains have raised 650% in 2021

A single attack as Solarwinds caused USD 1 Billion damage

Weak Cybersecurity is a major obstacle for digital transformation

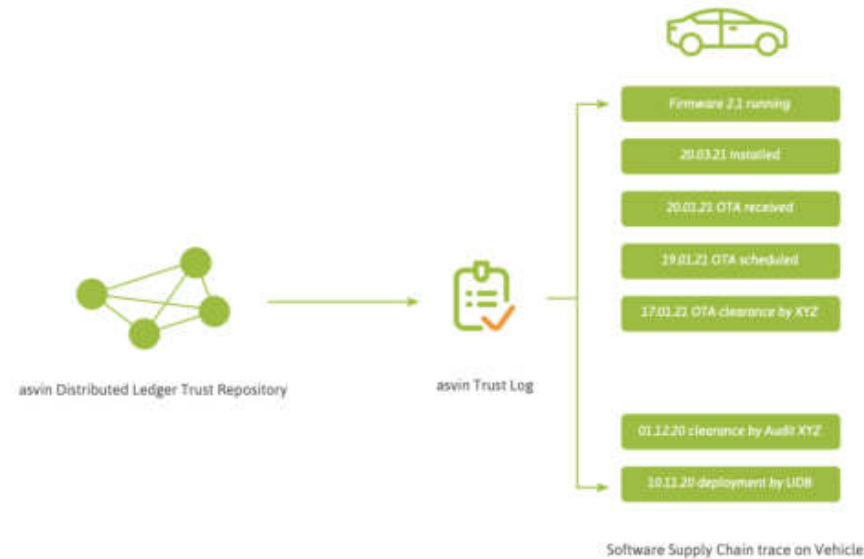
The Innovation



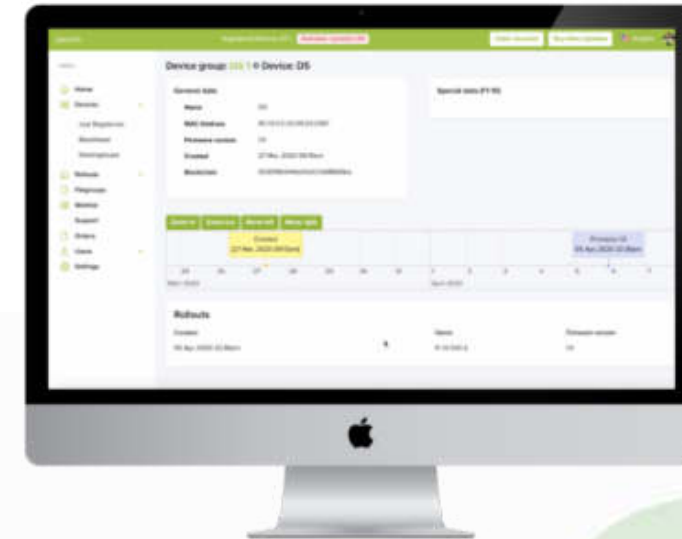
Software Bill of Materials (SBoM)

- Document the Software Components used in connected products: SBoM
- Provide access on SBoM for Risk-Assessment and Risk Mitigation (e.g. check for known vulnerabilities)
- Increase reach, integrity and resilience by decentralized Ledgers for all actors the entire Software-Supply Chain in complex products (such a connected Vehicles)

Technology: **D-SBoM Architecture**



Providing Analytics Data for software components installed



Monitoring of software history and integrity for specific devices

Approaching the TRUBLO challenges:

D-SBOM will is introducing a trust and reputation model for Software Bill of Materials based on blockchain technologies as well **increase the transparency and trustworthiness** of user generated content (in this case software information by suppliers)

Impact: Aligne **Trublo Ojectives**

- Implementing a strong industrial demonstration of distrusted ledger / blockchain technologies and **implement trust layers across software supply chain ecosystems**
- **Approve D-SBOM with stakeholder from industry:** 1-tier supplier and OEM and present the results on industrial events
- **Publish the results as Open-Source libraries** and showcase the implantation to partners from blockchain ecosystem and projects: Alastria, Ethereum Foundation, Hyperledger & Crypto valley Switzerland
- Building a **Proof of Concept (PoC) of D-SBOM using Alastria Network B** for a showcase in Distributed Software Bill of Materials for connected Vehicles
- **Validation of the DLT** architecture in the Alastria infrastructure
- **Approval of PoC** by testing with suppliers and OEMs from automotive industry

Impact: **Beyond Trublo**

“D-SBoM is aimed to become a leading industrial solution to manage the regulatory requirements and challenges in industry by 2024”

- Showcase the power of D-SBoM to Stakeholders at ARENA 2036
- Turn PoCs into productive usage at industrial customers
- Enable D-SBoM as Security as a Service
- Raise VC fundings for scaling & traction

asvin



Mirko Ross

CEO

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Asvin GmbH

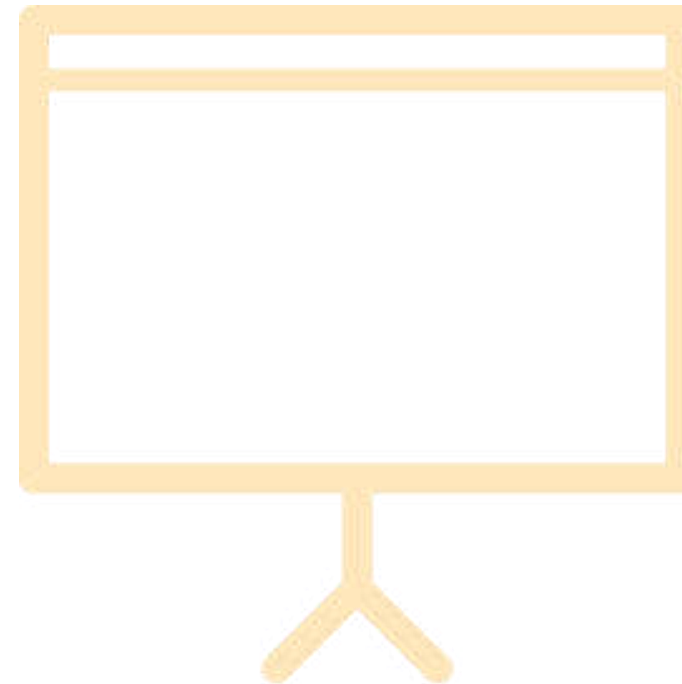
Stuttgart, Germany

www.asvin.io

contact@asvin.io



Pitches





THE MOTORCYCLE DIGITAL IDENTITY

B2C Problems

- Asymmetry of information
- Lack of Trust 
- Low Motorcycle Value
- Low or null Accessories and Modifications Value

Simone Brighina

CEO Motoblockchain

info@motoblockchain.es

www.motoblockchain.net

(Investment Round Open)

*"Not everyone will know how to value you,
only those who really know you"*

Solution:

The Motorcycle Digital Identity

User > APP

Motorcycle > IOT

Blockchain (Smart Contract, NFT, SSI):



**Time stamp &
Ownership Transfer Tracking**

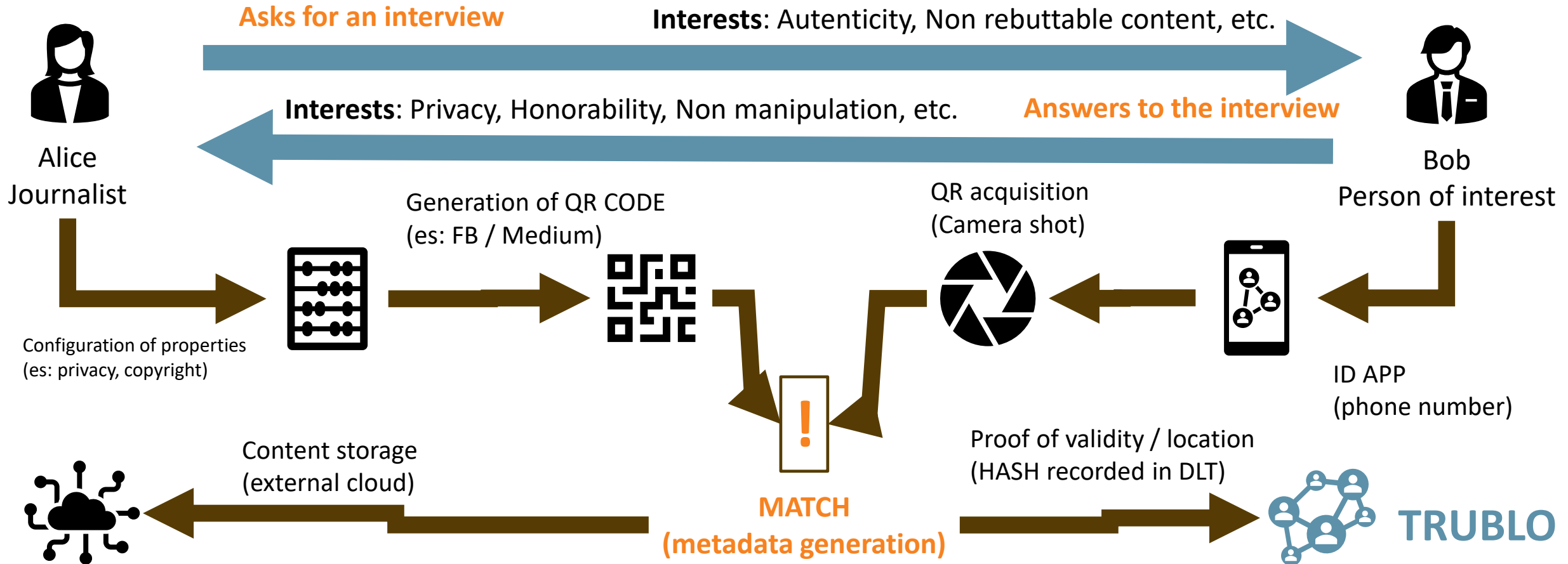


User: Full Data Ownership
Profile Privacy Options
Single Document Privacy Options
GDPR Compliant





An-easy-to-use tool for certified media content creation



TEAM: Federico Costantini (University of Udine), Francesco Crisci (University of Udine), Marino Miculan (University of Udine), Stefano Bistarelli (University of Perugia), Silvia Venier (Sant'Anna School of Advanced Studies, PISA), Giancarlo Virgilio (freelance journalist), Rosario Lombardo (Innov@ctors)



The blockchain based SaaS solution to ensure sustainable supply chains.

- ✓ Mapping of supply chains
- ✓ Tracking of materials
- ✓ Lieferkettengesetz – Software & Workshop

Our goals with **blockchain**:

- Trust between suppliers and buyers
- Trustworthy products for consumers
- Show the advantages of blockchain

We are **searching for**:

- Project partners (industry) to develop our solution with
- Partners for sustainability quantification & auditing
- Investors



Contact us!



Sophia Ludwig
Marketing Specialist
ludwig@afts.biz

Thanks a lot 
for your pitches!

CONTACT

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<https://www.digital-bb.de/en/fields-of-innovation/blockchain>