

## PRESS RELEASE

MAY 2021

### € 1.6 MILLION OPEN CALL FOR WEB 3.0 INNOVATORS TO DEVELOP BLOCKCHAIN-RELATED SOLUTIONS

#### ONTOCHAIN APPLICATIONS ARE OPEN

#### GRANTS UP TO € 119.500, FREE COACHING AND ACCESS TO TOP INFRASTRUCTURE

The EU-funded project [ONTOCHAIN](#) is calling all Web 3.0 innovators to apply for its third open call and co-develop a new software ecosystem for trusted, traceable, and transparent ontological knowledge management.

ONTOCHAIN offers a 10-month supporting programme with grants up to € 119.500 (equity-free), coaching, access to top infrastructure (iExec and MyIntelliPatent), visibility and joint exploitation opportunities. A total budget of € 1.673.000 is available to empower the best projects.

The [ONTOCHAIN Open Call 3](#) will support the development of interoperable and sustainable applications that employ both Semantic Web and Blockchain concepts to enhance data quality aspects (E.g. high-level semantics, completeness, data uniqueness, timeliness, validity, integrity, privacy, consistency, assets trading and monetization, tokenomics principles, the use of application-level proofs and decentralised digital identities) and the trustworthiness of data communication and handling processes. Applications should be able to build on top of software services of the [ONTOCHAIN ecosystem](#), and should cover real needs of end users from various vertical domains/vital sectors of the European economy.

#### How it works?

Applicants must submit a proposal addressing one of the following topics:

##### ONTOCHAIN INFRASTRUCTURE

- Service Integration (Gateways APIs) for ONTOCHAIN applications
- Semantic Matching and Reasoning
- Energy-efficient and sustainable hosting infrastructure for the ONTOCHAIN software ecosystem and services

##### ONTOCHAIN APPLICATIONS

- Semantic Digital Logbooks for Companies, Buildings, Cars or similar
- Decentralised Fact Checking and Data Credibility for Social Content

- Decentralized Online Semantic Social Networks
- Semantic energy data management
- Smart City Applications relying on Trustworthy Semantic Metadata
- Automotive, e.g., electric vehicle charging, road side management, car insurance, communication interoperability
- Distribution Logistics / Supply Chains Using Trustworthy Semantic Data
- Data/Digital content /Multimedia marketplace, including social media
- Semantics-based DAO
- Decentralised Public Services & Common Goods
- Remote Presence/Working and Metaverse
- Any other application aligned with ONTOCHAIN objectives

Applications are open on [F6S](#) until the 25<sup>th</sup> of July 2022, at 17:00 CEST.

Potential applicants can join the [ONTOCHAIN Summit](#) on the 1<sup>st</sup> and 2<sup>nd</sup> of July to learn more about the ONTOCHAIN ecosystem and everything that is needed to submit a successful application.

After the evaluation process described in the [Guide for Applicant](#), up to 14 projects will be selected to join the programme.

All the information about the ONTOCHAIN Open Call 3 is available at: <https://ontochain.ngi.eu/apply>

## About ONTOCHAIN

ONTOCHAIN marries the Semantic Web with Blockchain to deliver a novel software ecosystem for trusted, traceable, and transparent ontological knowledge management. ONTOCHAIN, which is developed under the European Commission's Next Generation Internet initiative, explores and delivers novel interoperable on-chain and off-chain data, ontology, knowledge and information management methods.

The ONTOCHAIN software ecosystem consists of a novel protocol/Interfaces suite grouped into high-level application protocols, such as data provenance, reputation models, decentralised oracles, market mechanisms, ontology representation and management, privacy aware and secure data exchange, multi-source identity verification, value sharing and incentives and similar, and core protocols that include smart contracts, authorisation, certification, event gateways, identity management and identification, secure and privacy aware decentralised storage, data semantics and semantic linking, ONTOCHAIN optimisation and similar.

The ONTOCHAIN software ecosystem will demonstrate its potential in high impact domains, such as eHealth, eGovernment, eEducation, eCommerce, decentralised infrastructures and similar in order to achieve trustworthy information exchange and trustworthy and transactional content handling.

The project is operated by 7 partners with complementary expertise that form the core of a vibrant ecosystem: **European Dynamics** (Luxembourg), **University of Ljubljana** (Slovenia), **IntelliSemantic** (Italy), **iExec Blockchain Tech** (France), **Athens University of Economics and Business** (Greece), **German Hellenic Chamber of Commerce and Industry** (Greece) and **F6S** (Ireland).

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## ○ PRESS CONTACT AND SOCIAL MEDIA

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