



Horisont Europa

Hva må du som søker EU-
midler tenke på når det
gjelder standardisering?



“European standardization is a key tool to deliver Horizon Europe objectives, ensuring the deployment and uptake of innovation by European and global markets.”



These include, but are not limited to:

- Requirements for multi-vendor converter capabilities in all connection points (AC side, DC side).
- Definition of basic and detailed functional specifications, control and protection interoperability, readiness for future seamless system extension, standardization of HVDC models and replicas, model for interoperability assessment of grid forming converters, etc.).
- Definition of basic and detailed functional specifications, control and protection interoperability, and standardisation of wind power plant models and replicas for assessment of integration to HVDC grids.
- Development, integration, testing and validation of HV components and sub-systems guaranteeing interoperability. Evaluation of the technological challenges related to placing MT-HVDC systems subsea, e.g. at the sea bottom.
- Real-time physical demonstrator of a HVDC system connected to the AC grid with at least three terminals of three different manufacturers with power rating applicable in the current existing real life use cases.
- Contextually, proposals will address grid codes and standardisation issues for all European operators in close cooperation with the European Commission.
- Regulatory framework analysis, definition and application aspect.

The selected projects are expected to contribute to relevant BRIDGE^[1] activities.

Real Time Demonstrator of Multi-Vendor
Multi-Terminal VSC-HVDC with Grid
Forming Capability
TOPIC ID: HORIZON-CL5-2022-D3-01-09

- [Innovation Action](#)
- [Funding & tenders \(europa.eu\)](#)

An example from a Digital Europe call:

Blockchain standardization

TOPIC ID: DIGITAL-2022-DEPLOY-02-BLOCKCHAIN-STANDARD

Topic description

ExpectedOutcome:

Outcomes and Deliverables

Strengthened presence of European players and EBSI in activities of International and European blockchain standardisation, implementing the Rolling Plan for ICT Standardisation.

Objective:

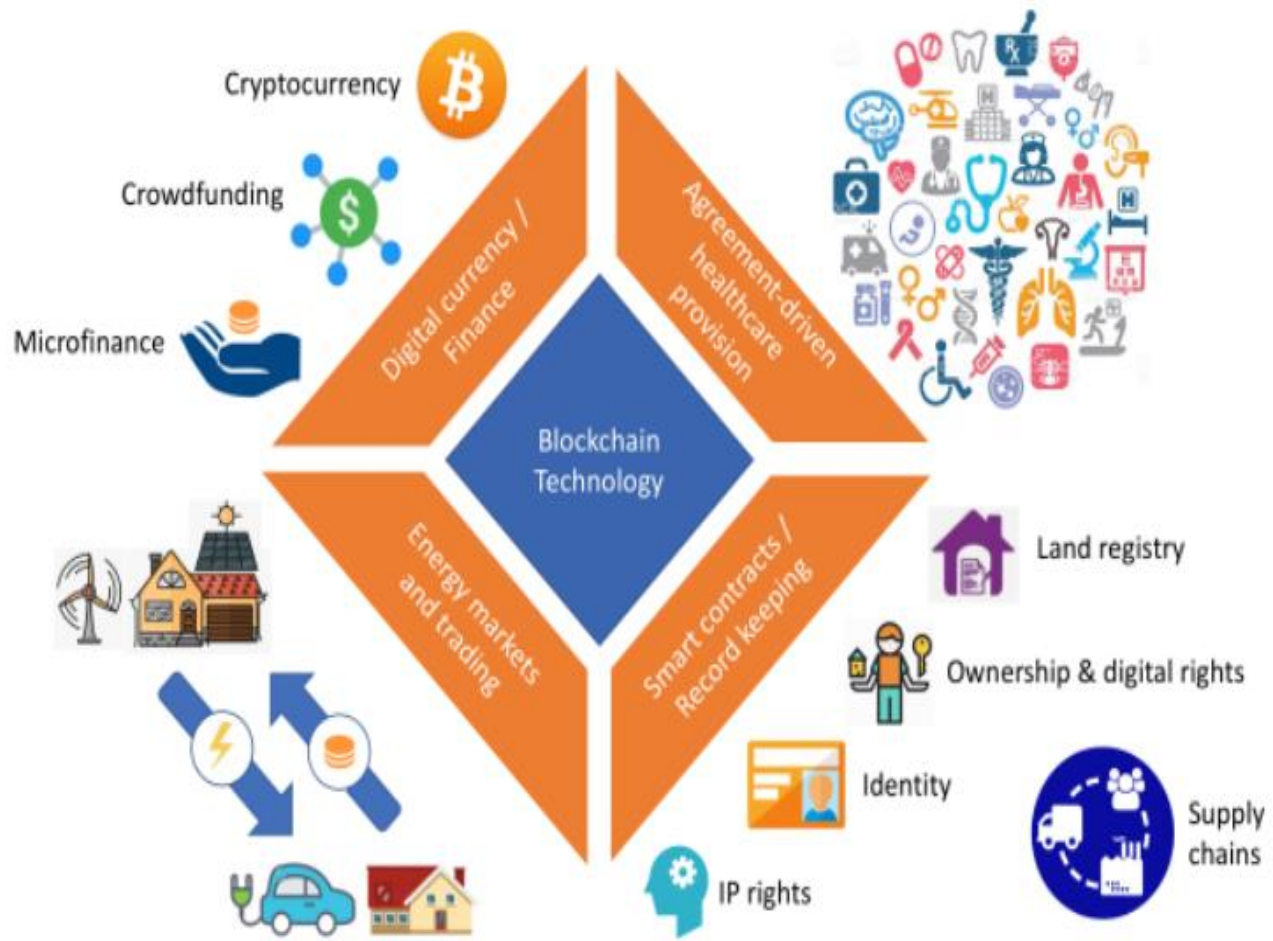
Objective

The objective is to reinforce the European presence in blockchain standardisation efforts.

Scope:

Scope

Support to blockchain standardisation in line with the Rolling Plan for ICT Standardisation, reinforcing the presence of European players and the links with EBP initiatives such as EBSI and the sandbox, in standardisation activities undertaken by International and European Standardisation Bodies, such as the International Organization for Standardization (ISO), the International Telecommunication Union (ITU), the European Committee for Standardization and the European Committee for Electro technical Standardization (CEN/CENELEC), the European Telecommunications Standards Institute (ETSI) and other relevant, as well as liaising with and contributing to activities of the International Association for Trusted Blockchain Applications (INATBA).



The proposals should take into account the activities carried out by:

- European Blockchain Services Infrastructure¹⁴;
- StandICT.eu 2023 project¹⁵ ;
- International Association for Trusted Blockchain Applications (INATBA)¹⁶;
- Blockchain Observatory and Forum¹⁷.

Outcomes and deliverables

Projects are expected to deliver to the following outcomes:

- Semi-annual mapping and expert activities reports of the relevant activities and blockchain/DLT standardisation with dedicated meetings to liaise with the European Commission, EBSI developers and blockchain standardisation experts;
- New contributions to the annual update of the Rolling Plan on Blockchain Standardisation and other relevant blockchain/DLT standardisation documents;

KPIs to measure outcomes and deliverables

- Number of supported experts participating in blockchain/DLT standardisation activities [Target: It is expected that 30 to 40 leading European experts will receive support via this call];
- Number of blockchain/DLT standardisation workshops/trainings/workshops organised [Target: It is expected that 2-4 main standardisation events/workshops to be organised by the project];

Blockchain standardization
 TOPIC ID: DIGITAL-2022-DEPLOY-02-
 BLOCKCHAIN-STANDARD

- Coordination and Support Action
- Funding & tenders (europa.eu)

Digital Europe

An example from a Digital Europe call (cont'd):

Blockchain standardization

TOPIC ID: DIGITAL-2022-DEPLOY-02-BLOCKCHAIN-STANDARD

Targeted stakeholders

The consortium should include a mix of different stakeholders necessary for contributing to blockchain/DLT standardisation activities. Participating organisations should demonstrate complementary roles in the proposal, allowing for the comprehensive implementation of key tasks. The following types of stakeholders are in particular encouraged to apply:

- Member states authorities (at different level);
- Public and Private associations/service providers working with blockchain/DLT standardisation;
- Organisations that have experience in blockchain/DLT standardisation activities
- Participants of European collaborative research and innovation programmes i.e. Horizon 2020 and Horizon Europe;

Other organisations are also encouraged to apply, in particular entities with Blockchain/DLT development experience.

Viktig å få med i søknaden...

- Eventuelle standarder som prosjektideen bygger på?
- Prosjektets bidrag til standardiseringsaktiviteter?
- Bidrag til standardisering på helt nye områder?

- Partnere i prosjektet som deltar i standardiseringsarbeidet?
 - Hvilke partnere er viktige å ha med – som dominerer utviklingen på feltet og kan «drive» standardene fremover?
- Samarbeid med standardiseringsorganisasjoner
 - eksterne stakeholders; referansegruppe, målgruppe?