



European Blockchain Services Infrastructure – Nodes Expansion

Project overview and UPT role

08.12.2023



Funded by
the European Union

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1. Introduction

European Blockchain Services Infrastructure – Nodes Expansion (EBSI-NE) is a **multinational consortium**, lead by the Spanish Ministry of Economic Affairs and Digital Transformation and conformed by **24 organizations** from **14 countries**.

The **aim** of the consortium is the development and adoption of the **European Blockchain Services Infrastructure (EBSI)** network at the European level, by increasing the number of validator nodes in the production network and the provision of support for all relevant EBSI stakeholders.

The work of the consortium will be carried out during a **two-year period** (2023-2025) and will deploy 18 EBSI nodes into production phase.

Project site: <https://www.ebsi-ne.com>

2. Objectives

Development and adoption of the EBSI network

Development and adoption of the EBSI network at the European level by **increasing** the number of **validator nodes** in the production network and the provision of **support services** for all relevant EBSI stakeholders.

Network improvement

Support services that node operators will provide in order to **ensure** and **improve performance, resilience** and **robustness** of the **network**.

Consecution of Digital Europe's program objectives and specific European blockchain strategy objectives

- **Extending** the **pan-european public services blockchain network**.
- Development of **blockchain skills development**.
- Increase of **interactions** between **public sector, private sector, and academia**.

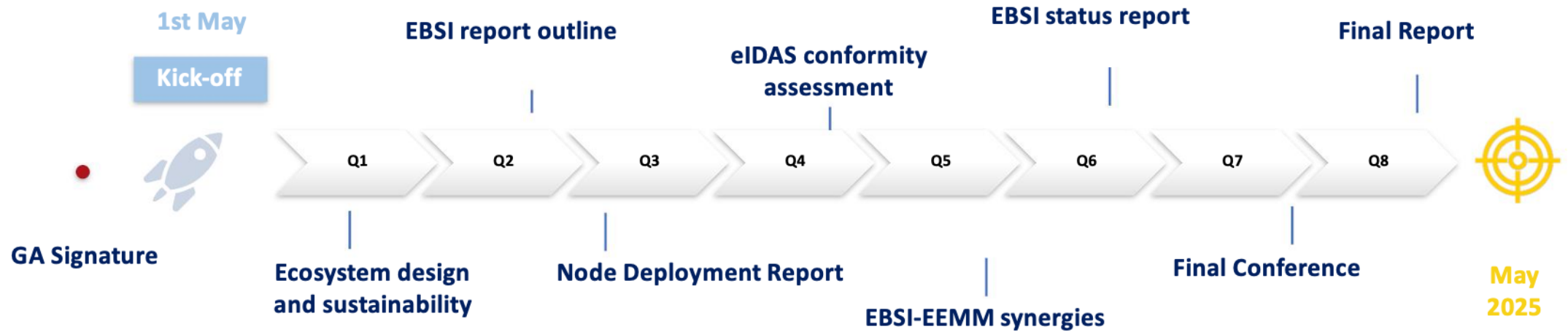
3. Contribution to long-term policy objectives, policies and strategies — Synergies

Strongly **aligned** to the **EU's long term digital policies** and **blockchain strategy**



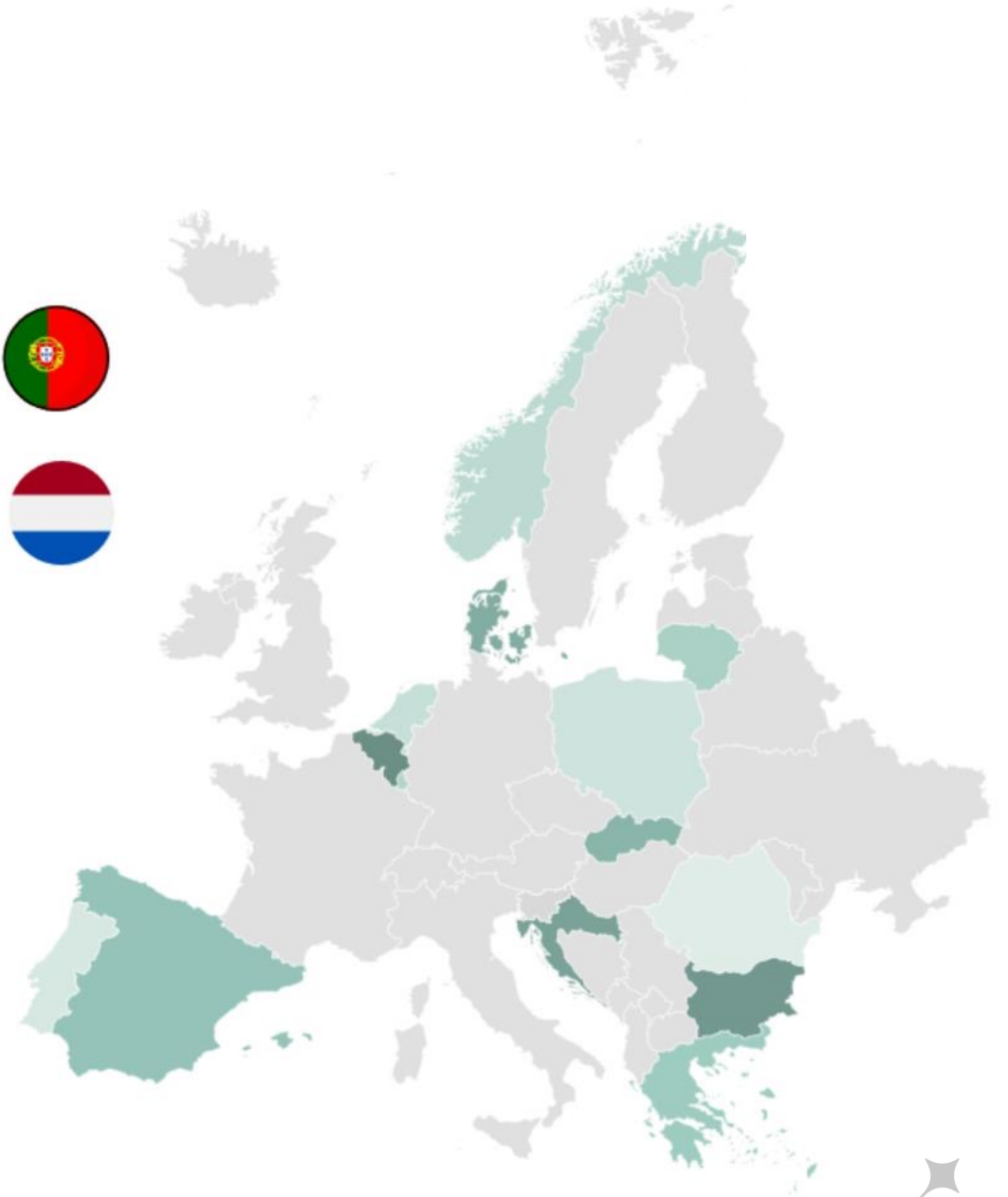
- **Required infrastructure for the expansion and adoption of blockchain technology (key digital technology)**
- **Development of uses cases to improve Europeans daily life**
- **Online safer environment**
- **Digital society/digital decade**
- **Blockchain lanscape in Europe**
- **Blockchain network (> security, > interoperability)**
- **Feedback, technical aspects (European Blockchain Partnership - EBP, EBSI)**
- **Research and Innovation**

4. Timeline



GA Signature

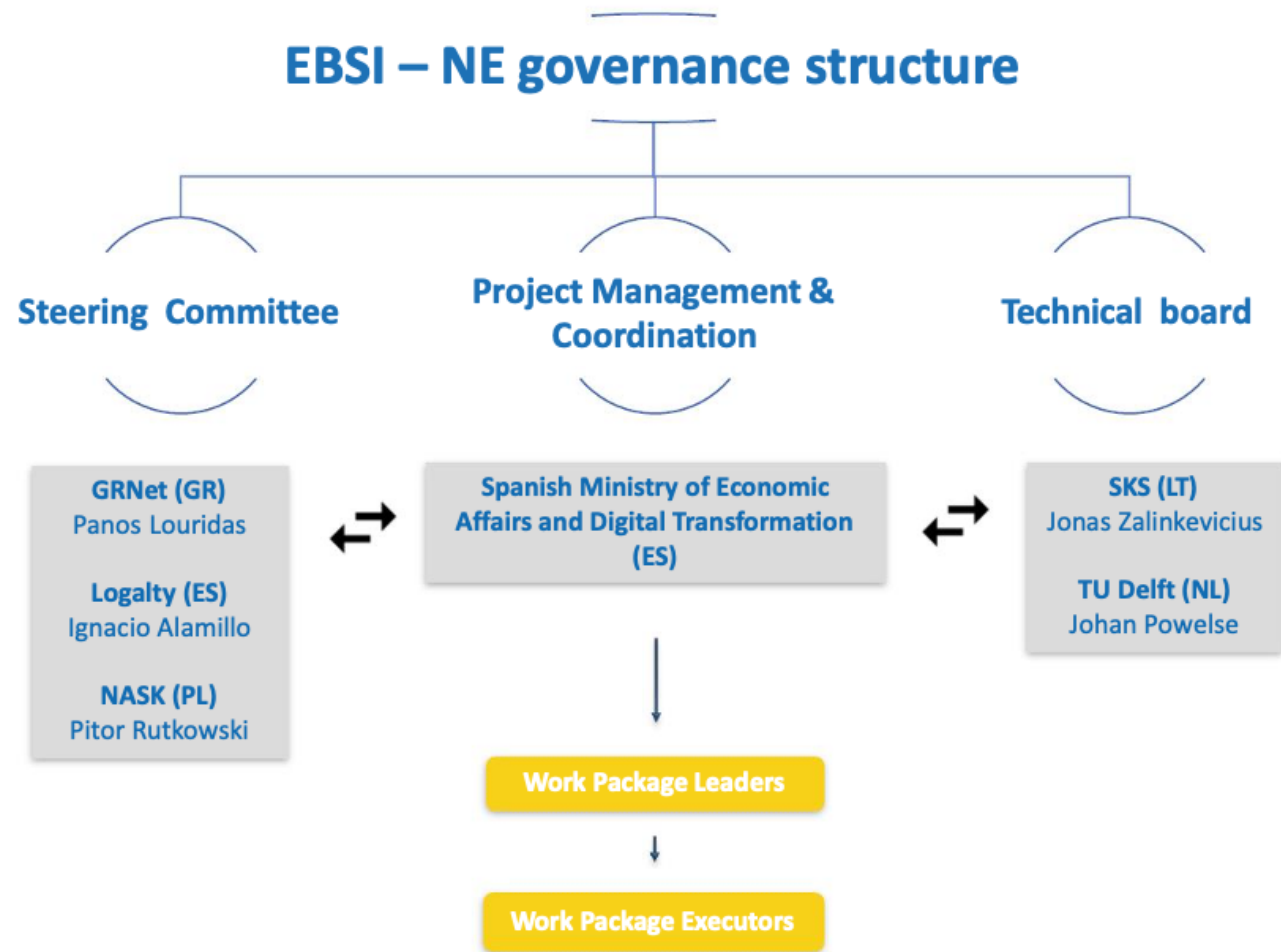
5. Consortium composition



Multinational Consortium

- 24 organizations from 14 States.
- Lead: SGAD – Ministry of Economic Affairs and Digital Transformation (ES)
- 2 Partners from Romania: UPT and UEFISCDI.

5. Consortium governance (I)



5. Consortium governance (II)



Ángel Luis Martín
SGAD

WP1



Jonas Zalinkevicius
SKS

WP2



WP1 Project Management and coordination

WP2 Deployment of EBSI nodes

WP3 Support services to EBSI comun

WP4 Communication and dissemination activities



Elena Nicolaescu
UEFICSDI

WP3

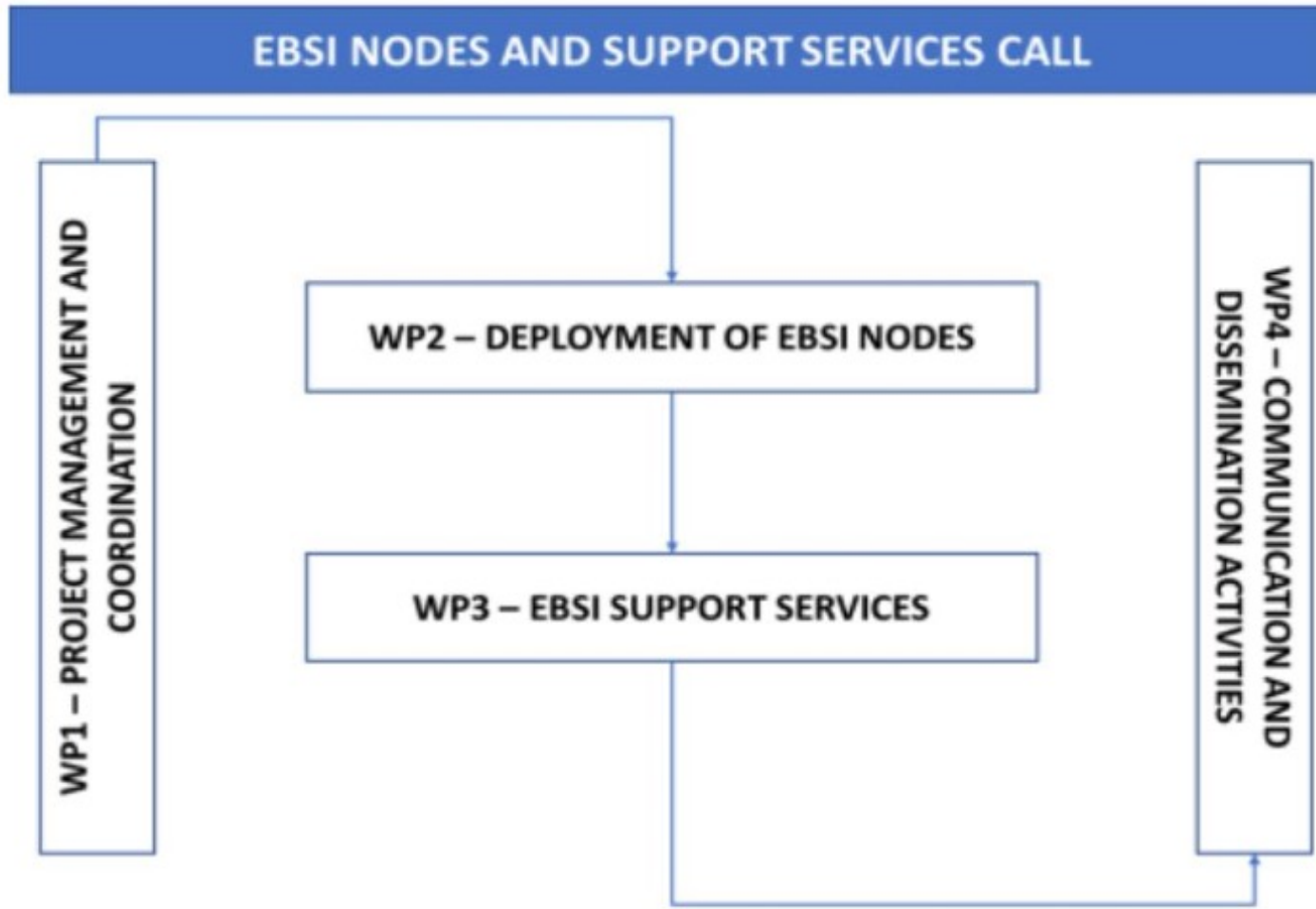


Ángel Luis Martín
SGAD

WP4



5. Consortium governance (III)



6. Work Packages

WP1 Project management and coordination

- **Financial** and **administrative management**
- **Coordination** of the scientific, technical and financial matters
- **Project planning** and **evaluation** of the project **progress**, focusing on the quality assurance

WP2 Deployment of EBSI nodes

- **Deployment of EBSI nodes** in the production environment using infrastructure that meets **EBSI technical requirements**.

UPT will install an EBSI node in 2024.

6. Work Packages

WP3 Support services to EBSI comun

- **Reinforcement of the EBSI at national levels.** Provision of national personalized technical support, offering help-desk services, support tooling and trainings.

WP4 Communication and dissemination activities

- **Raise awareness and visibility** of the EBSI.
- **Reinforce ecosystem**, making the network attractive for new players to join
- **Strengthen the presence of European players** in activities of international and European blockchain standardisation

7. UPT Role (1)

Demystifying PUBLIC SEMINARS

TASK 4.2 – WP4: November 2023 - onwards

Lead partner: UPT

1. Overview of Seminar Series

- 15 half-day seminars organized in the national language by the partners in each MS in the project
- One pan-European event in English
- Expert speakers and insights on the European Blockchain Services Infrastructure (EBSI)

2. Focus and Structure

- Exploration of EBSI's network, purpose, and diverse use cases
- The 5W Approach: Who, What, When, Where, Why of EBSI
- Same scope, varying executors, and locations for a unified yet unique experience in each seminar

3. Objectives

- Demystifying EBSI: Understanding its uses, benefits, and societal opportunities
- Engaging local, regional, and national stakeholders in an interactive, informative setting
- Promoting awareness and knowledge exchange about blockchain technology, EBSI, and applications/use cases

4. Logistics and Accessibility

- Timely distributed seminars for maximized dissemination – UPT organizes the first seminar
- Options for live, online, or blended formats to enhance accessibility

7. UPT Role (2)

Demystifying PUBLIC SEMINARS

TASK 4.2 – WP4: November 2023 - onwards

Lead partner: UPT

5. Educational Benefits

- An opportunity for attendees to gain cutting-edge knowledge in blockchain technology/EBSI
- Issuance of open badges/digital credentials (VCs) for participants

6. Collaborative Effort

- UPT as the lead partner coordinating with the other partners for localized seminars
- A collaborative event on an EU level, showcasing unity and collective progress

7. Knowledge Sharing and Resources

- All presentation materials are to be created under Creative Commons (CC) licensing for wider accessibility and accessible on the project website
- Follow-up resources and materials available post-seminars for continued learning and engagement



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