



EBSI USE CASES – Daniel Du Seuil EBP Policy representative Belgium

Experience the
future with EBSI.
Together.

As discussed/presented the advantages of using blockchain technologies are...



Simplifying Administrative Processes

- **Reduce significant effort** in any kind of information checks and audits with other entities
- **Reduce the burden for cross-border information sharing** and synchronization with other EU organisations / agencies / citizens
- **Deployment of decentralised trust services** that eliminate the need for manual checks or data processing pipelines



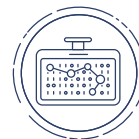
Enhancing Trust with external stakeholders

- **Enhance trust in members and external stakeholders of DGs** through the use of the EBSI Wallet with Self Sovereign Identity (EBSI SSIF) and Verifiable Credentials and EBSI
- blockchain distributed ledger technology and Smart Contracts' Transparency **increases trust** of the users towards the **procedures and data handling** of EC DGs



Increasing Efficiency

- **Enhanced performance** through the use of local copies of apps and data and **interoperability** with existing systems
- **Enhanced security and resilience**



Increasing Transparency

- Increase **transparency and traceability of transactions and data** managed by the EC DGs and in cross-border services



Enabling Regulatory Compliance

- **Compliance with General Data Protection Regulation (GDPR)**
- EBSI Core Services enable **compliance with eIDAS**



Data harmonisation

- Ensures data harmonisation due to **distributed ledger technologies, increased reliability** of records and **easy detection of anomalies**

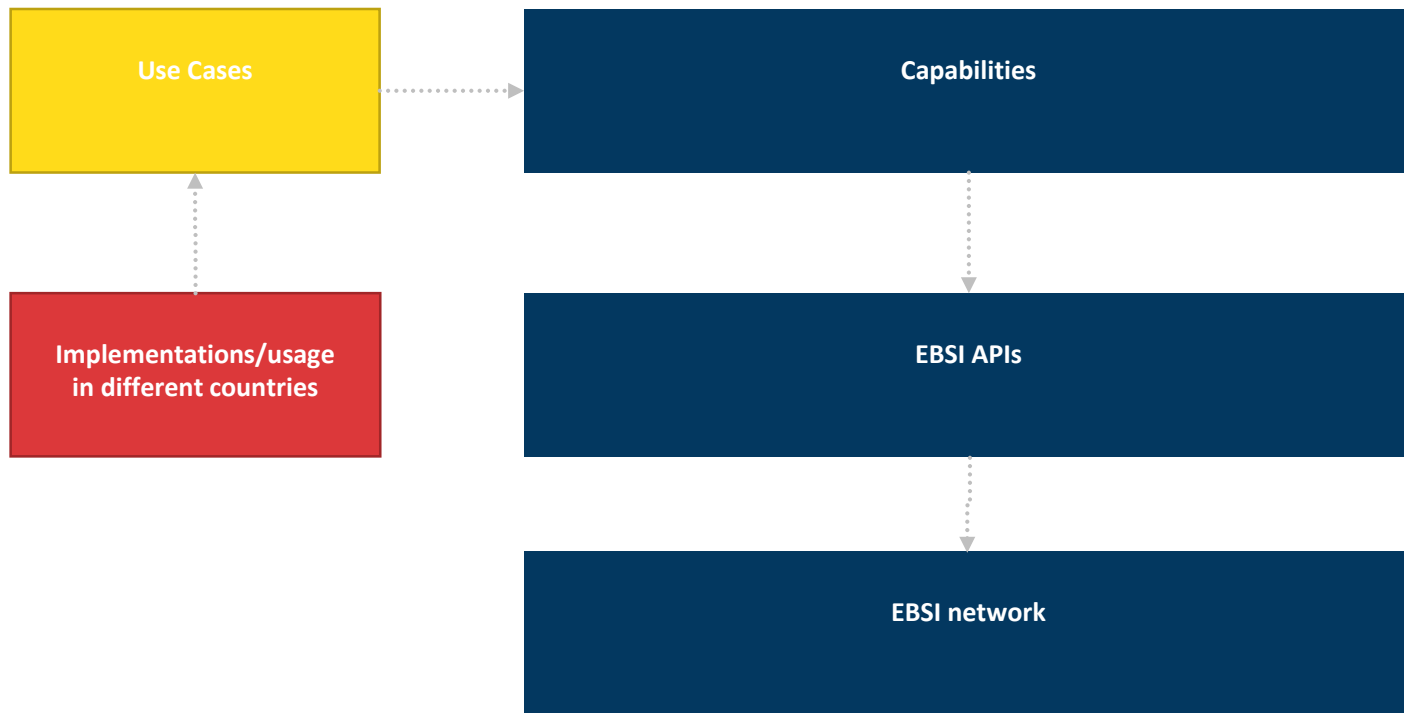
SI v2.0 RELEASE END Q1 2021



END TO END ROAD and DRIVING ON THE ROAD?



EBSI use cases, national implementations and the EBSI nodes/network



How to use EBSI in your government agency? via existing or new EBSI use cases/capabilities

I'm a **public administration** and I would like to ease the creation and control of identity.



European Self
Sovereign Identity
frame work

I'm an **university** and I would like to make recognition of diplomas easier and faster.



DIPLOMA

I'm a **public administration** and I would like to ensure the authenticity of information.



NOTARIZATION

Other?



NEW USE CASE?

Identify a use case or pilot

Start here



Do I already have ideas on how to add **blockchain features** to my existing applications and processes?

No



Is there a **scenario** that EBSI has identified that suits my purpose for a blockchain pilot?

No



I am not clear on the **benefits of blockchain** and I would like to understand better how blockchain and EBSI in particular can help my specific situation



Yes

Develop a proposal for a pilot scenario or use case together with EBSI4BE



Yes



Clear



Still Not Clear

Contact the EBSI BE support team

To build a pilot, you will need to create your Business Workflow. But before that can happen, there are a number of pre-requisites for any pilot or use case.

Generic Pre-requisites (non-technical)

- **Regulatory acceptance** for the pilot/use case workflow or a roadmap to it
- **Legal approval** for the pilot workflow or a roadmap to it
- **Ecosystem acceptance** / adoption or a roadmap to it
- **Specific pilot** pre-requisites per use case

EARLY ADOPTER PROGRAM

Purpose of the EBSI early adopter program

The main goal is to collaborate with member states (and their partners) who want to implement the use case(s) as early adopters at the beginning of 2021 to:

REALIZE AN EBSI END TO END EXPERIENCE AND FIRST PRODUCTION IMPLEMENTATION WITH EARLY ADOPTERS AND START THE TRANSFORMATION OF THE PUBLIC SERVICES!

- **Wave 1: Early adopters: timeline Q1 2021** to deploy the first use cases together with the release of EBSI v2.0
- **Wave 2: Early follower: timeline Q2 2021 to Q2 2022** to deploy EBSI on a broader scale and also aligned with the Digital Europe Program (DEP) and the several CEF EBSI projects (including EBSI4BE).



Are you ready? Join us.

