

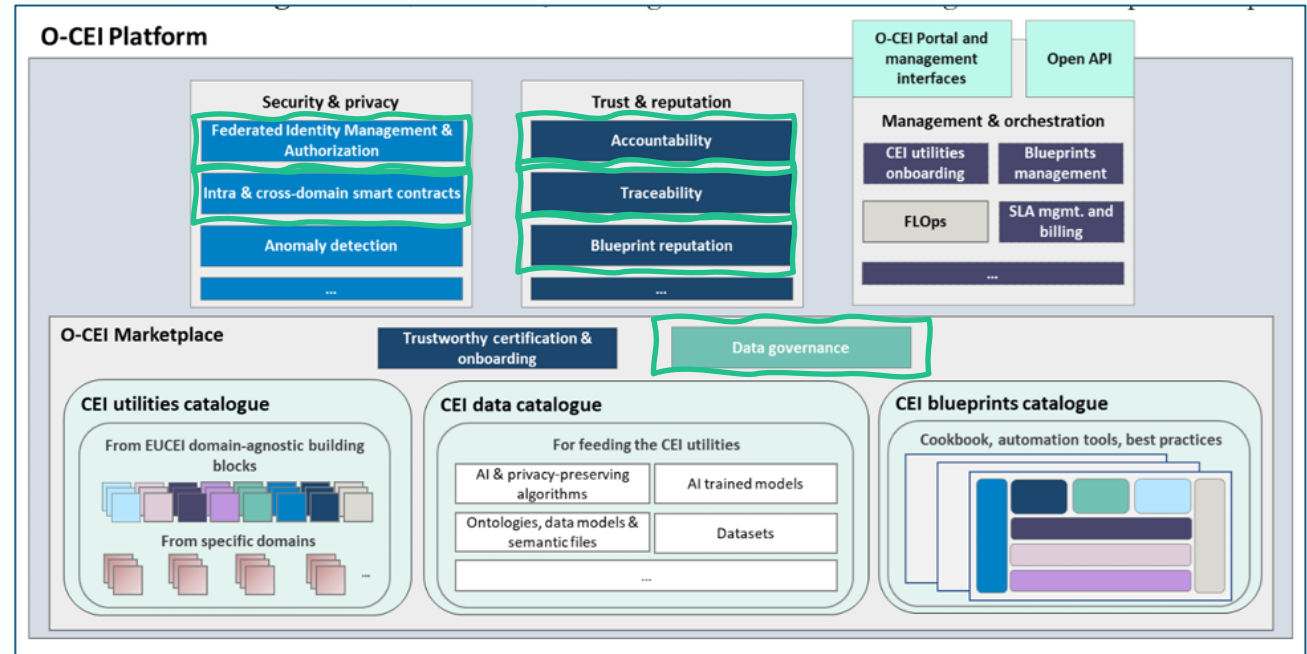
O-CEI's angle & next steps

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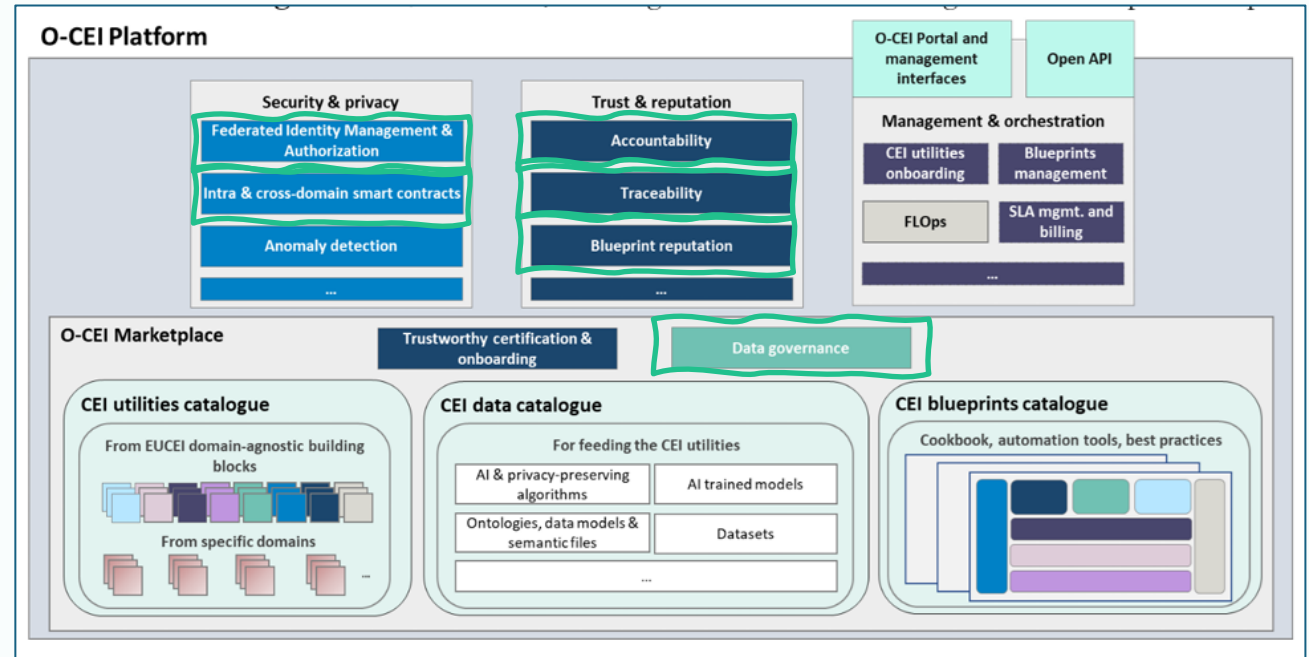
O-CEI Approach for data and identity management

- O-CEI platform facilitates the realization of computing continuum systems and enables a **trusted information exchange**
- Leveraging advanced top-notch technologies to ensure **data governance, traceability, confidentiality, and privacy**
- Build **trust** and **sovereignty** by restricting access to **authorized** information and resources
- O-CEI **Federated Marketplace** will be aligned with key initiatives such as **DOME, IDSA** or **Gaia-X**



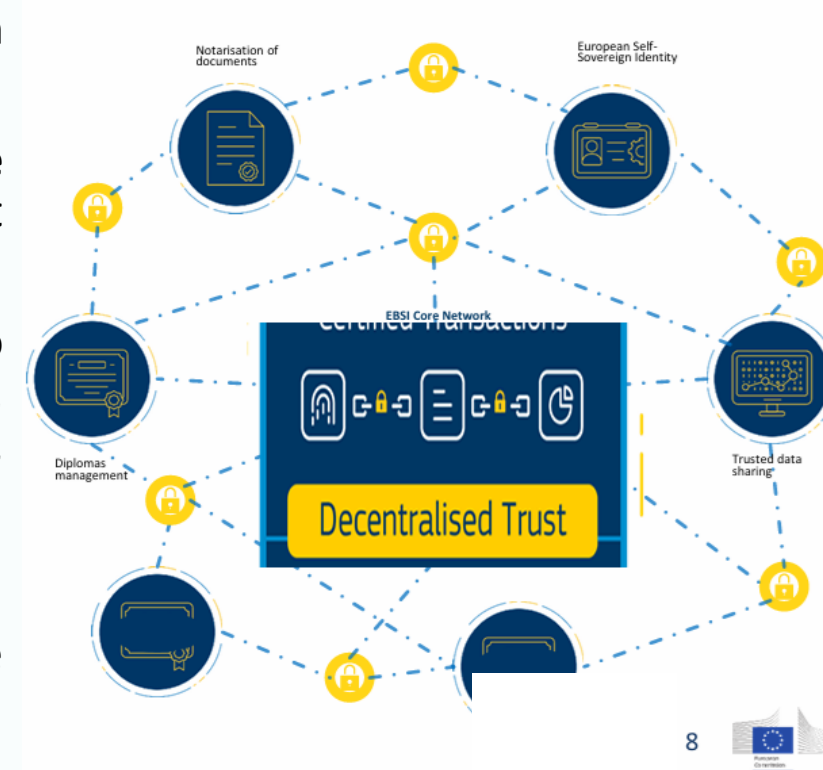
O-CEI Approach for data and identity management

- O-CEI will follow a **zero-trust** federated **identity management** schema, acting as a broker for **secure** and **seamless** resource **access** with users and systems having their own **digital passports**
- **Agreements** will be enforced through smart **contracts**, serving as the main source of trusted authorization
- **Accountability** and **traceability** will audit critical actions performed by users with a digital passport (IOTA, IOTA Tangle 2.0)



European Blockchain Services Infrastructure

- The European Blockchain Services Infrastructure (EBSI) is a **blockchain infrastructure** that offers **cross-border public services**
- A network of the European Blockchain Partnership Members **using the infrastructure** to cooperate via cross-border public services, connect existing solutions or integrate specific services
- Improve **cross-border public services** for citizens and businesses to strengthen collaboration between governments and public authorities, aligning with EU policies upholding the highest standards of **sustainability, privacy, and security.**
- CERTH operates one of the two **EBSI nodes** in Greece.
- The CERTH-ITI Wallet is conformant with version 3 of the EBSI conformance testing.
- The 4th version of the conformance testing is expected to be released on 1st of June 2025.



<https://northsearegion.eu/media/16680/ebsi-explained-by-daniel-du-seuil.pdf>



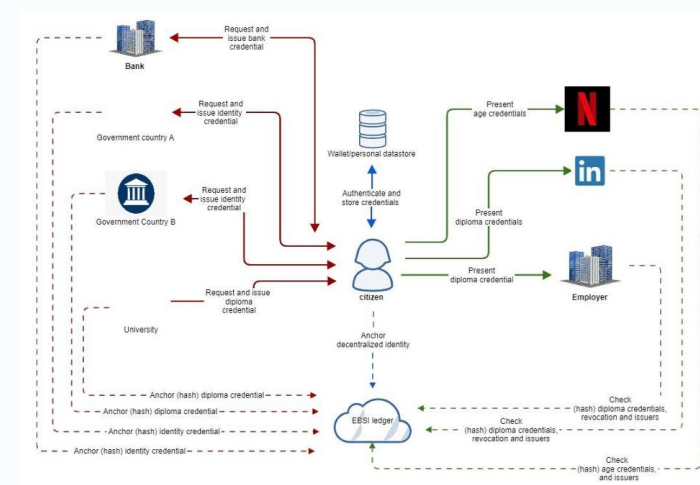
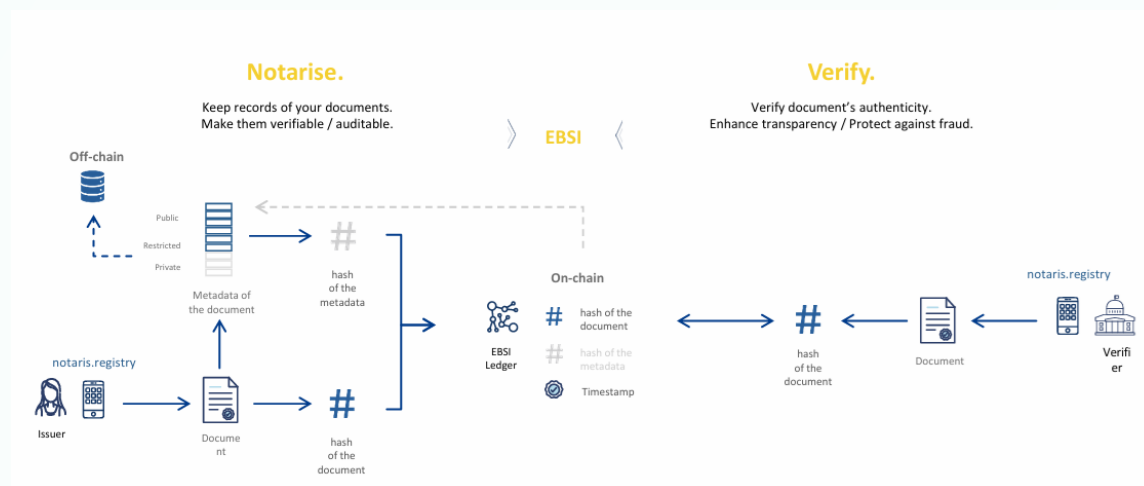
EBSI Use Cases

- **Notarisation of documents**

- Notarisation of a document
- Verification of authenticity/ integrity of files

- **European Self-Sovereign Identity**

- Registration
- Authentication
- Verification



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THANK
YOU

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