

The EU ID Wallet Large Scale Pilots - and the NRENs

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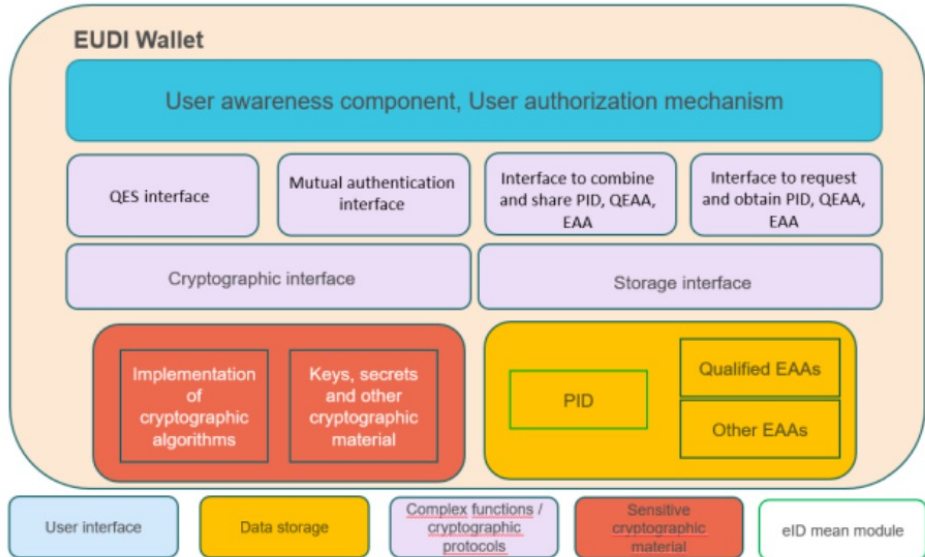
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TF-DLT

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The Digital Identity Wallet



“Promote trusted digital identities for all Europeans, allowing users to be in control of their own online interactions and presence”

2 main use cases (Large Scale Pilots):

- diploma (educational credentials for lifelong learning),
- social security (EHIC)

The diploma use case

- Ideally placed to demonstrate cross-border flows
- Education encompasses a lot of interesting trust management complexity
- Education has a lot of needed underlying infrastructure in place (EWP, ECTS etc.)
- Students interact with many other processes including travel, payment
- But diplomas usually not in the NREN workflows (unlike micro-credentials, eduID etc.)

DIGITAL-2022-DEPLOY-02 (DEP)

- **DIGITAL-2022-DEPLOY-02-EBSI-SERVICES – EBSI - Deployment of services** (EBSI, 15 MEur)
- DIGITAL-2022-DEPLOY-02-BLOCKCHAIN-STANDARD - Blockchain Standardisation (1 MEur)
- **DIGITAL-2022-DEPLOY-02-ELECTRONIC-ID - Support to the implementation of the European Digital Identity Framework and the implementation of the Once Only System under the Single Digital Gateway Regulation** (eIDAS, 37 MEur)
- DIGITAL-2022-DEPLOY-02-LAW-SECURITY-AI - Security (law enforcement): AI-based pilots (5 MEur)
- **Deadline May 17 (?), Duration 24 Months**

https://ec.europa.eu/info/funding-tenders/opportunities/docs/2021-2027/digital/wp-call/2022/call-fiche_digital-2022-deploy-02_en.pdf

Why is this strategically important for us

Self-Sovereign Identity disrupts existing patterns in federated identity

- Release of information under control by user, no direct trust relation between Identity Provider and Service
- Cuts out the “middle man”, i.e. the university as source of identity

Both an opportunity and a threat for user privacy

- Opportunity: see above
- Threat: can a user really make informed decisions about information release?

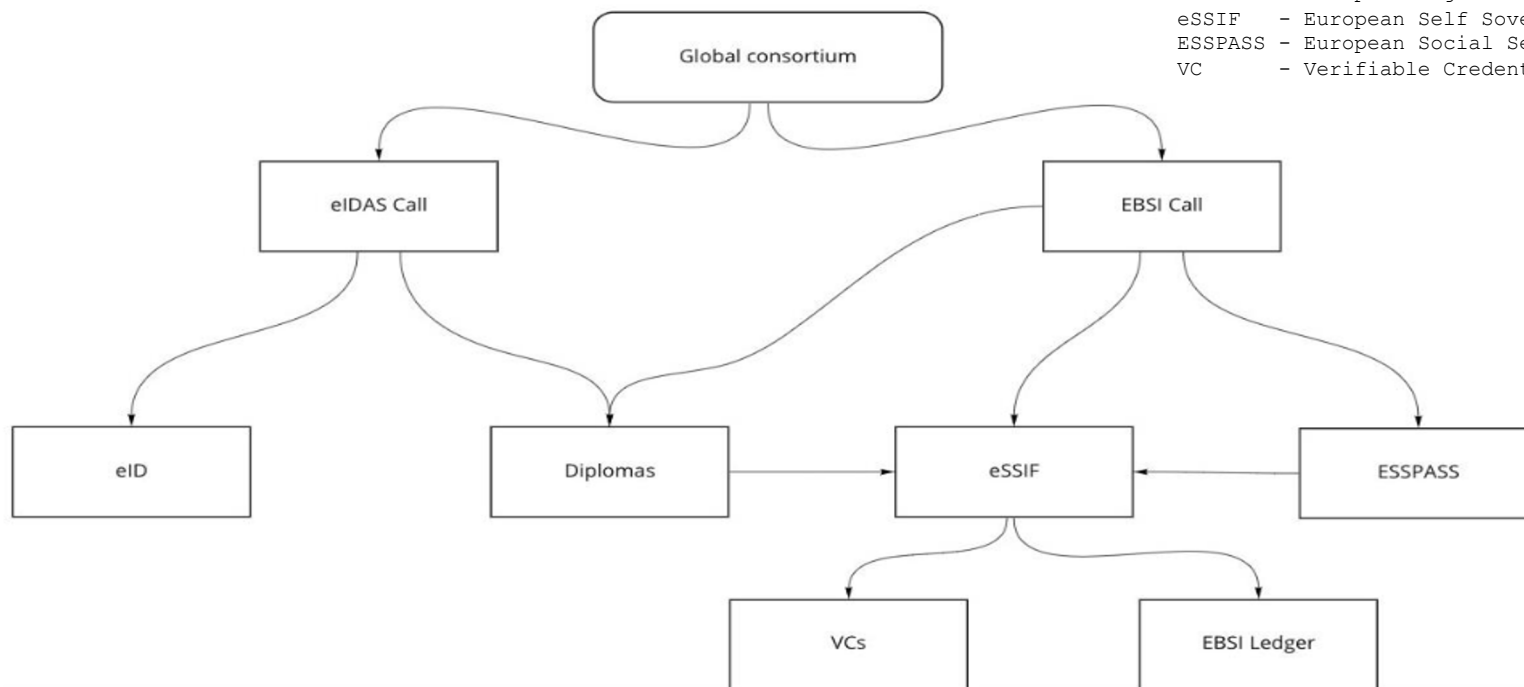
Initial focus on the diploma use case (i.e. the government), we want to make it more about competencies (micro-credentials) to make sure the university/NREN stays relevant

Important possible building block for student mobility

- MyAcademicID as “web-based wallet”

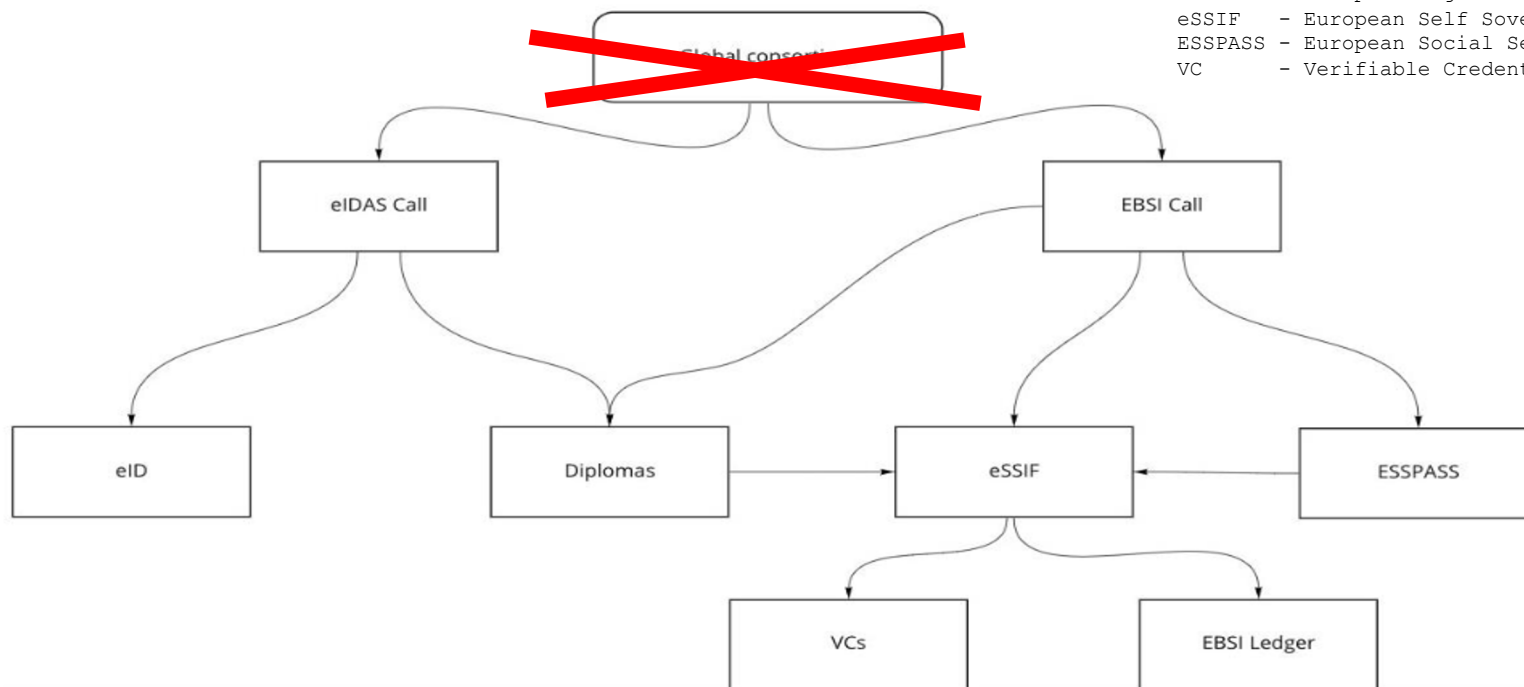
Landscape

- eIDAS - Electronic Identities And Trust Services
- EBSI - European Blockchain Services Infrastructure
- eID - European digital IDentity
- eSSIF - European Self Sovereign Identity Framework
- ESSPASS - European Social Security Pass
- VC - Verifiable Credentials



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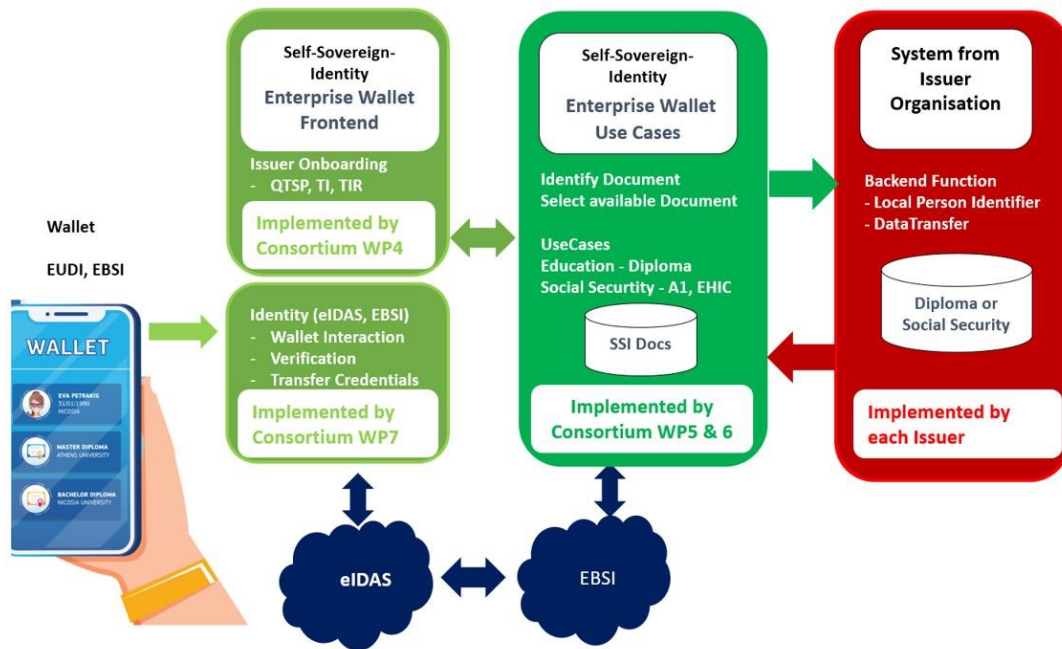
- EBSI enabled VErifiable Credentials & Trusted Organisations Registries
- Beneficiaries: KU Leuven, IT University Copenhagen, University of Luxemburg, University of Muenster, Timisoara Polytechnic, Lille University, Ljubljana University, Maribor University, Swedish Research Council (Sunet), Greek University Network
- Associated partners: Bologna University, GEANT

Digital Credentials for Europe



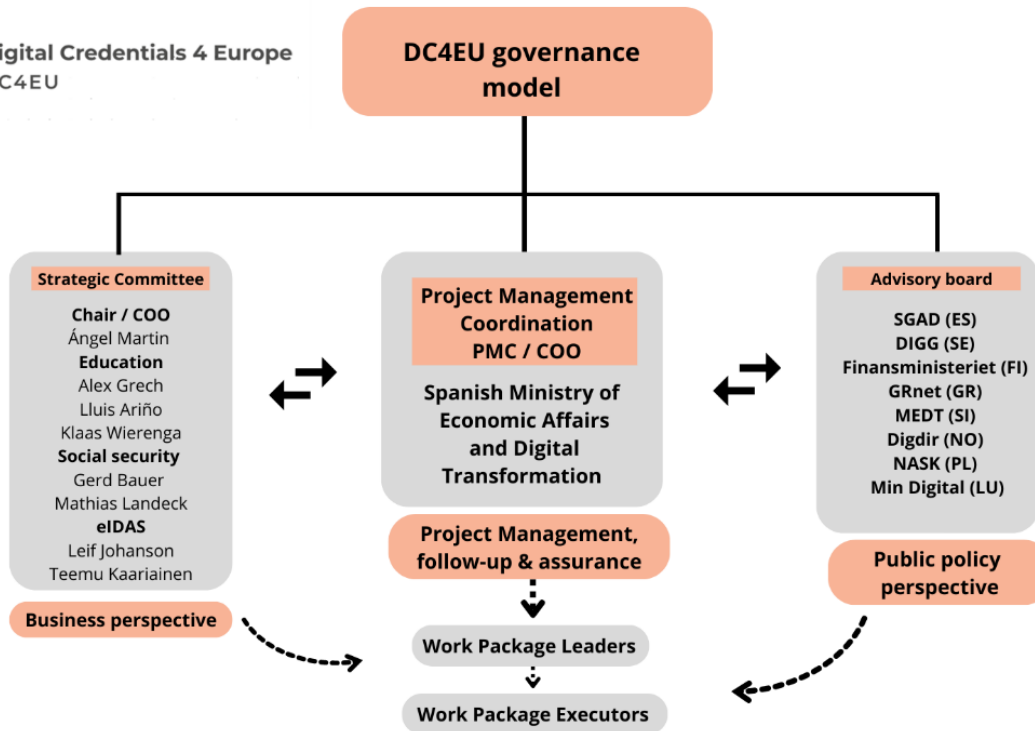
<https://www.dc4eu.eu/>

- SURF, SUnet, GRnet, (RedIRIS), SIKT, DeIC
- GÉANT
- Many universities



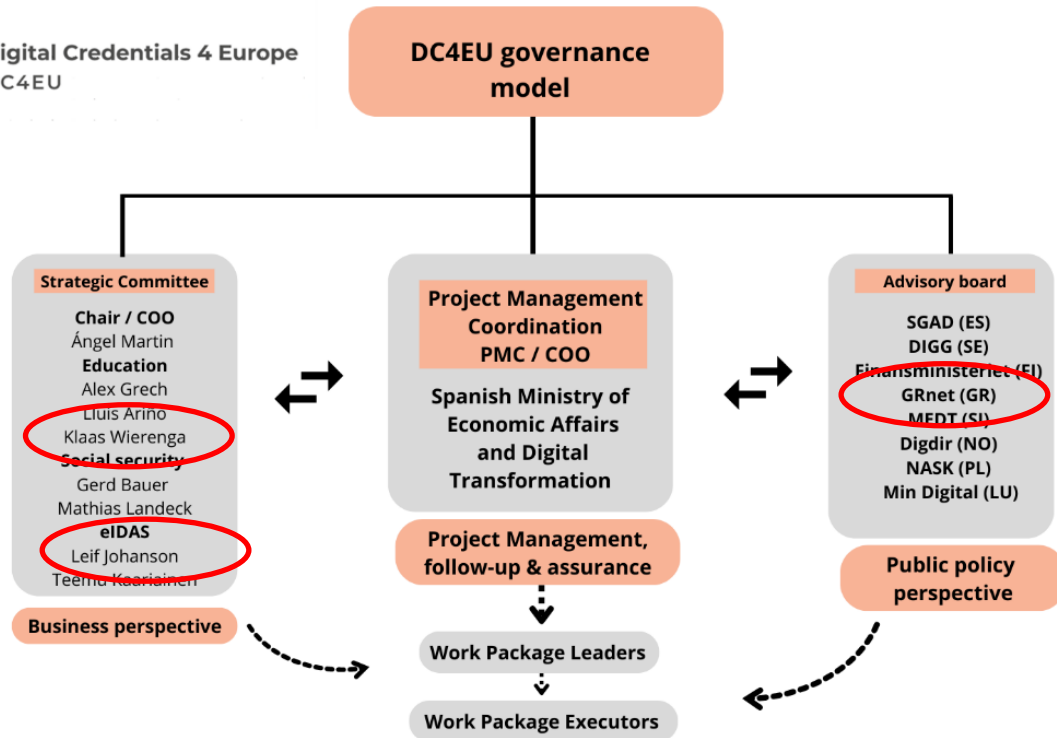


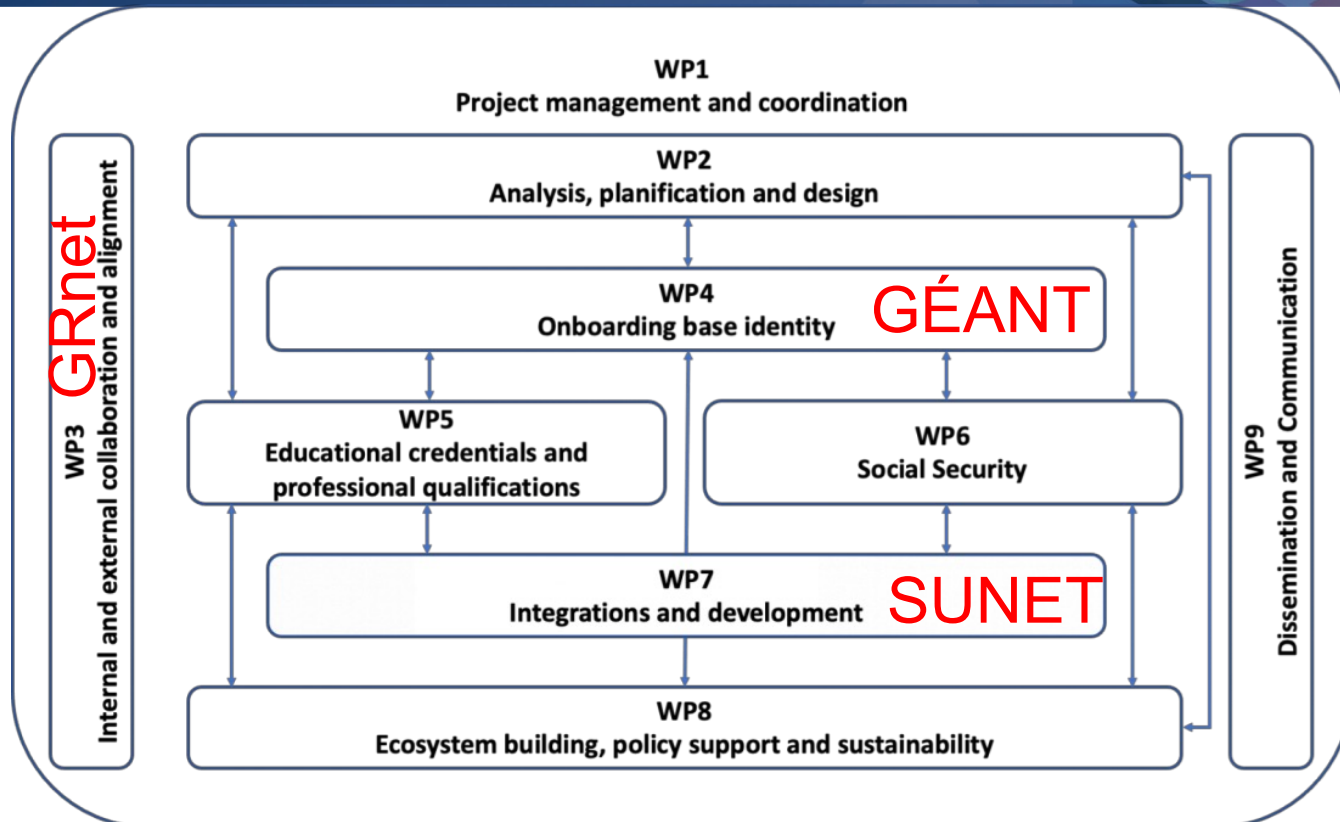
Digital Credentials 4 Europe
 DC4EU





Digital Credentials 4 Europe
DC4EU





- 4 eligible proposals received
- Enough funding to fund all
- External review September
- Internal review October
- Bid results early November

Thank you



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