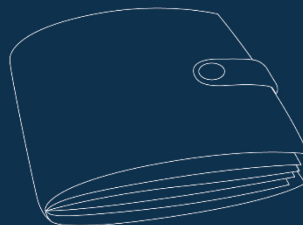




Schweizerische Eidgenossenschaft  
Confédération suisse  
Confederazione Svizzera  
Confederaziun svizra

schweizerische digitale Identität  
identité digitale suisse  
identità elettronica svizzera



# Technology Update

08.09.2023



# Topics

Public Sandbox

Technology Evaluation

Technology eLFA Pilot

Technology Advisory Circle / Discussion Paper



# Update FOITT Public Sandbox

## Numbers

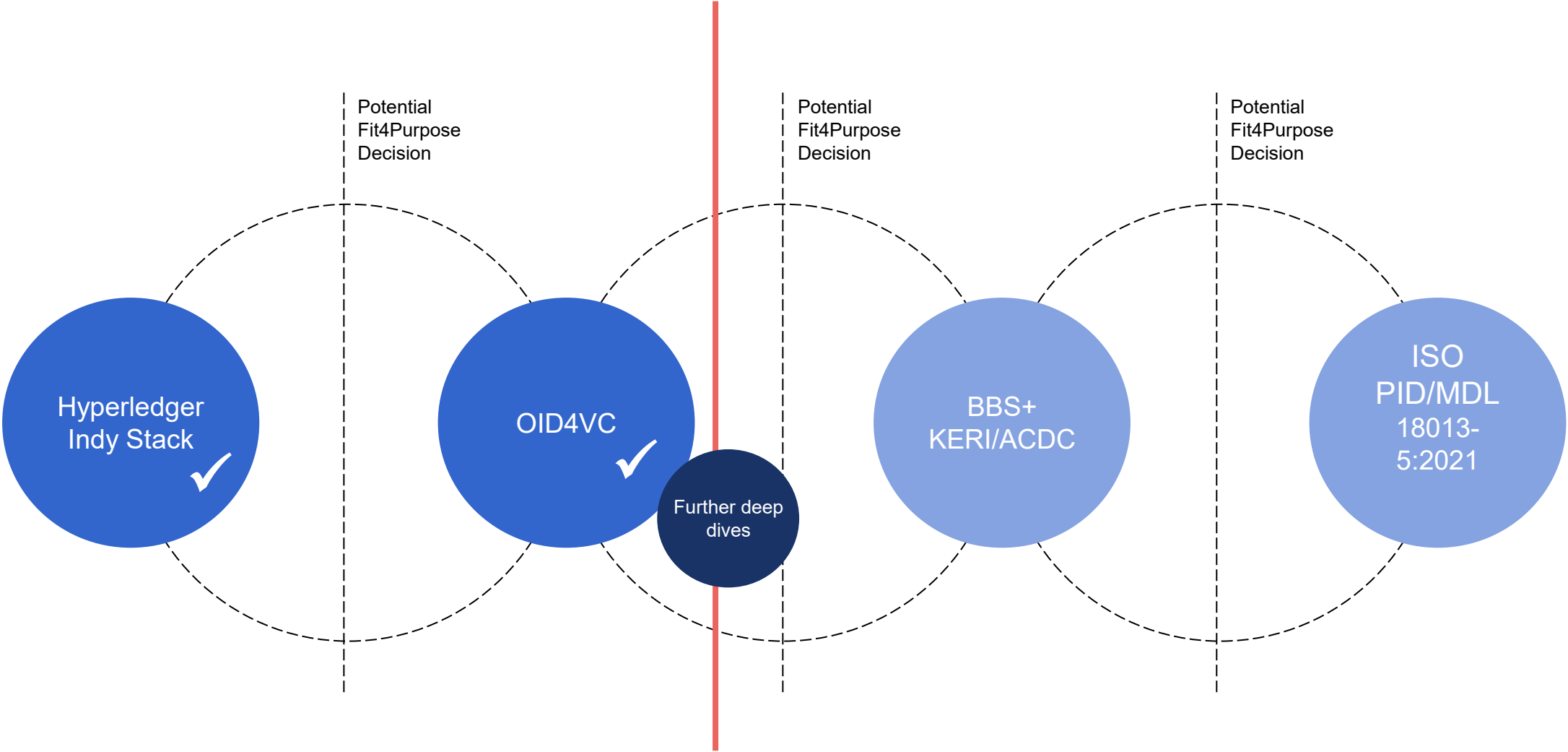
- 21 applications and onboardings
- 34 schemas registered

## Information

- Sandbox is still actively used
- Half of the participants quota is reached
- Ledger itself is stable
- One incident in operations occurred and was debriefed with participants
- Roundtable with sandbox participants has been initiated and will be continued:  
<https://github.com/e-id-admin/public-sandbox-trustinfrastructure/tree/main/roundtable>
- Forum for exchange between sandbox participants available under:  
<https://github.com/e-id-admin/public-sandbox-trustinfrastructure/discussions>



# Update Technology Evaluation – Iterations





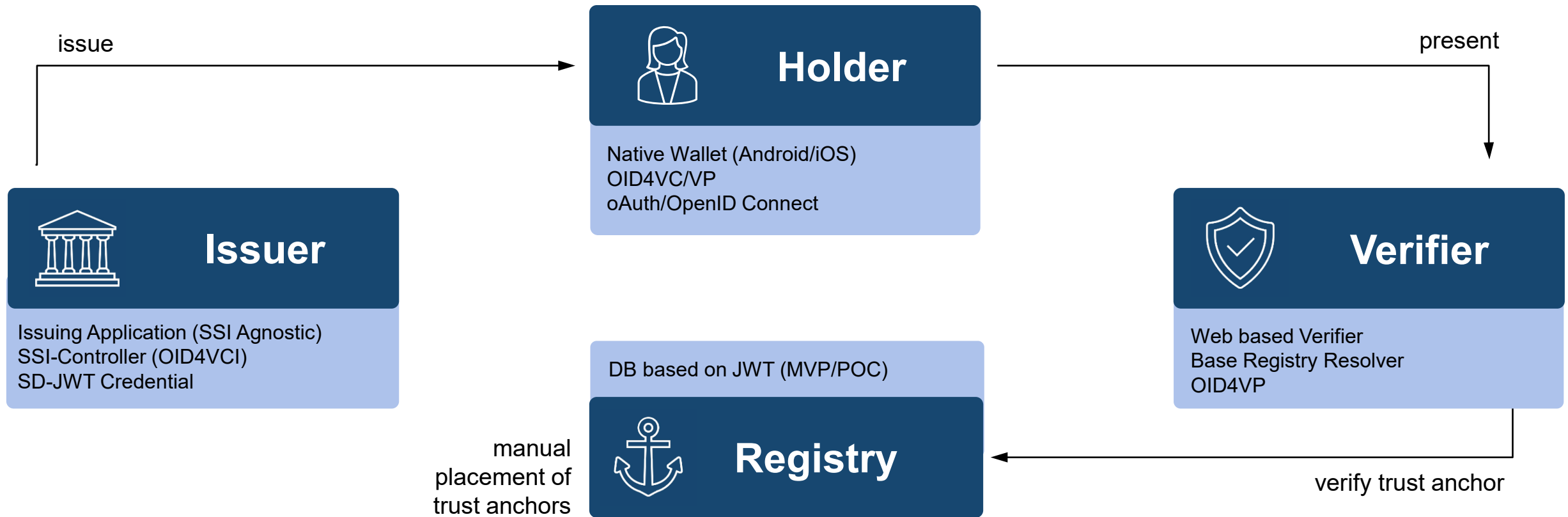
## Update Technology Evaluation – Iterations Detail

- **Spikes completed** regarding Indy-Stack and OID4VP/4VC-Stack
  - OID Details
    - Communication: Oauth / OpenID
    - Credential Format: SD-JWT
    - DID-Method: did:jwk
- **OID:** Further Deep Dives regarding privacy preservation desired
  - Information disclosure (zero Knowledge/predicate proofs)
  - Privacy preserving revocation
  - Non correlation of holders
- **Further investigation planned in Q4**
  - BBS+, KERI/ACDC



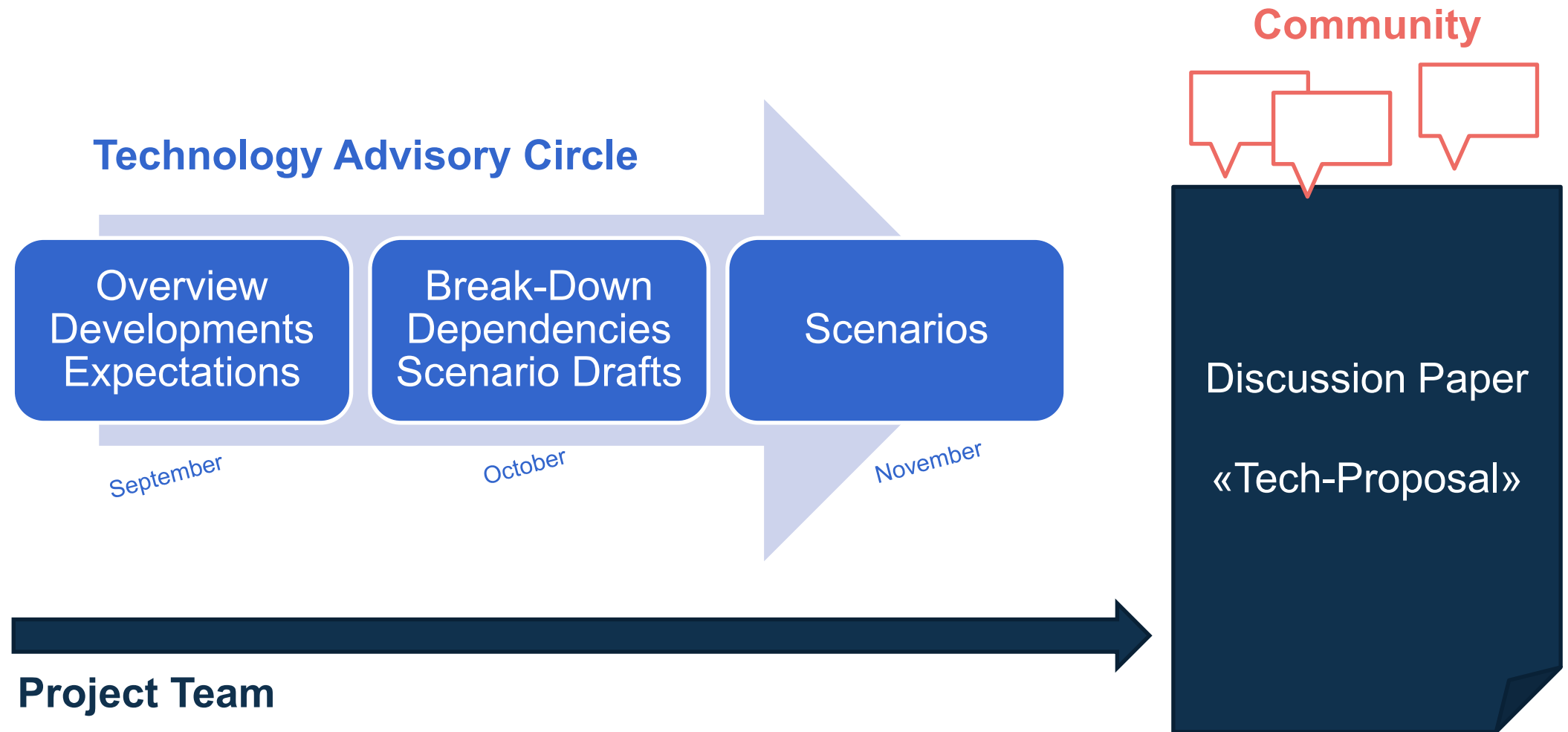
# Technology eLFA Pilot

- Decision to focus the eLFA Pilot on OID4VC/VP in order to gain further technical knowledge with the stack





# Update Technology Evaluation – «Joining Forces»





# Update Technology Evaluation – Technology Advisory Circle

- Initiation of Technology Advisory Circle to enable low level exchange regarding realization roadmap
- From our perspective: at the moment no technology decision without compromises or open questions
- Invitational format: parties providing substantial inputs can get in touch with:  
[christian.heimann@fedpol.admin.ch](mailto:christian.heimann@fedpol.admin.ch)

interoperability vs privacy

speed vs assurance

maturity/innovation vs operability

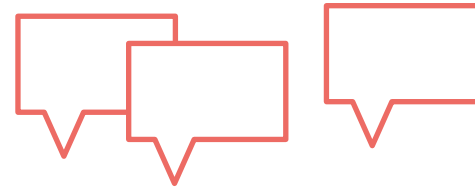
interoperability vs pragmatic  
implementation





# Update Technology Evaluation – Discussion paper

Discussion Paper  
«Tech-Proposal»



**The «Tech Decision» needs  
a common technical, social and  
political discussion.**