Potential
For European Digital Identity

Co-funded by
the European Union

Naujoji ES Skaitmeninė Tapatybė – iššūkiai ir galimybės

24/04/2024

EU digital identity

Free

Safe

Voluntary

Linked to national eID

Available across the EU

Keeps you in control of your data

#DigitalEU

EU Digital Identity Wallet

The personal digital wallet for EU citizens, residents & businesses.

Potential
For European Digital Identity

Co... the ... Union

Jūsų duomenys, jūsų istorija

What is EU Digital Identity Wallet?

Identifikavimas yra tai, kaip įrodome, kas esame; pvz. su pasu arba vairuotojo pažymėjimu. Vis daugiau privačių ir viešųjų paslaugų tampa skaitmeninėmis; saugi, patikima ir privatumą gerinanti skaitmeninio identifikavimo priemonė reikalinga kiekvienam Europos gyventojui.

ES skaitmeninės tapatybės dėklė

- yra Europos Komisijos atsakas į skaitmeninio identifikavimo iššūkius.
- leis saugiai identifikuoti save internete, kai naudojatės įvairiomis viešosiomis ir privačiomis paslaugomis,
- leis saugoti, pateikti ir dalytis elektroniniais liudijimais (įskaitant viską nuo universiteto diplomų iki traukinių bilietų).
- leis greitai ir lengvai pasirašyti skaitmeninius dokumentus
- bus prieinama visose ES valstybėse narėse visiems piliečiams, gyventojams ir įmonėms.

The Ecosystem of stakeholders

Member States

- Governmental Bodies
- Data protection authorities
- Conformity assessment bodies
- Policy makers

Wallet Providers

- Wallet providers that offer the core functionalities of the wallet

Attestation Issuer (Trust Providers)

- Trusted organization which issue certified PID/attestations
  - QEEA / EEA
  - QES

Wallet User

- European citizens, residents & businesses

Relying Parties

- Public & private organizations which will both issue credentials & verify them

European Commission

eIDAS-2 Reglamentas

5a straipsnis. **Europinės skaitmeninės tapatybės dėklės**

1.Siekiant užtikrinti, kad visi fiziniai ir juridiniai asmenys Sąjungoje turėtų **saugią, patikimą ir sklandžią tarpvalstybinę prieigą prie viešųjų ir privačiųjų paslaugų,** kartu galėdami visiškai kontroliuoti savo duomenis, **kiekviena valstybė narė per 24 mėnesius** nuo 23 dalyje ir 5c straipsnio 6 dalyje nurodytų įgyvendinimo aktų įsigaliojimo dienos **suteikia bent vieną europinę skaitmeninės tapatybės dėklę.**

Procesai paraleliai:

I. EK ir šalys narės -> **Common Toolbox (**Standardai, specifikacijos, gairės ir geroji praktika) **Architecture and Reference Framework** ver.1.3);

II. **EU Digital Wallet prototipo kūrimas** (išplėstinis functionalumas, *feedback from pilots*).

III. **eIDAS2 Reglamento** teisinis įsigaliojimas jau netrukus;

IV. **Keturi LSP -** dideles apimties pilotiniai projektai (nuo 01.04/2023);

V. **ES Certification** darbo grupė;

VI. **ES poįstatyminių teisės** rengimo grupė (tbc);

Numatomi ES Įgyvendinamieji teisės Aktai (dalis, tbc)

1 - Core functionalities of the Wallet	
Art 6a.11	European Digital Identity Wallets
2 - General trust model of the Wallet	
Art 6c.4	Certification of the European Digital Identity Wallets
Art 6b.4	European Digital Identity Wallets Relying Parties
Art 6d.3	Publication of a list of certified European Digital Identity Wallets
Art 6da.5	Security breach of the European Digital Identity Wallets
3 - Electronic attestations of attributes	
Art 45c.4	Requirements for qualified electronic attestation of attributes
Art 45d.2	Verification of attributes against authentic sources
Art 45da.6	Requirements for electronic attestation of attributes issued by or on behalf of a public sector body
Art 45da.7	Requirements for electronic attestation of attributes issued by or on behalf of a public sector body
4 - Identity matching	
Art 11a.3	Cross-border identity matching

European Commission

Co-funded by the European Union

Piloted

Piloted by Large Scale Pilots

NOBID CONSORTIUM

A set of Nordic and Baltic countries who, together with Italy and Germany, who are developing a large-scale pilot for the payment use case in the EU Digital Wallet.

 # PAYMENTS

Potential For European Digital Identity

Potential is a secure digital ID that will allow citizens to quickly and securely prove their identity as part of their online citizenship procedures.

 # MOBILE DRIVING LICENSE

 # ACCESS GOV SERVICES

 # OPEN BANK ACCOUNT

 # HEALTH

 # CONTRACTS

 # SIM REGISTRATION

EWC

The EWC aims to harness EU digital identity benefits for Digital Travel Credentials across Member States, building on the Reference Wallet Application for this specific use case.

 # PAYMENTS

 # TRAVEL

 # ORGANISATION ID

DC4EU

DC4EU supports the education and social security sectors by integrating cutting-edge digital services across Europe within a cross-border trust framework.

 # EDUCATION

 # SOCIAL SECURITY

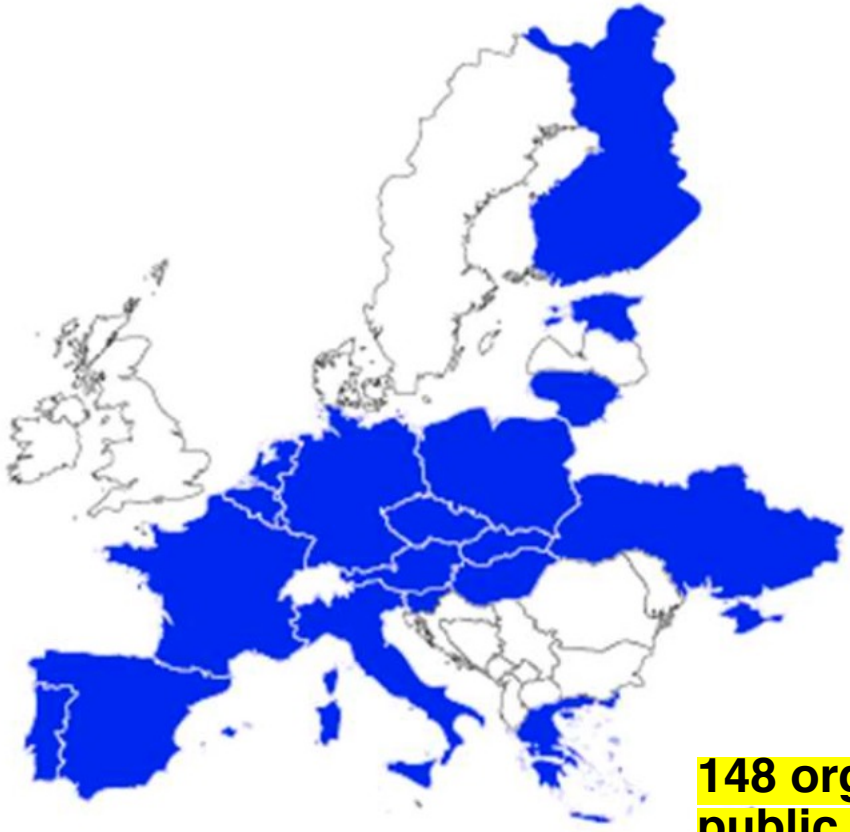
Potential
For European Digital Identity

Co-funded by
the European Union

#1

A member state driven consortium

Projekto partneriai



148 organizations - public & private

Our memberstates

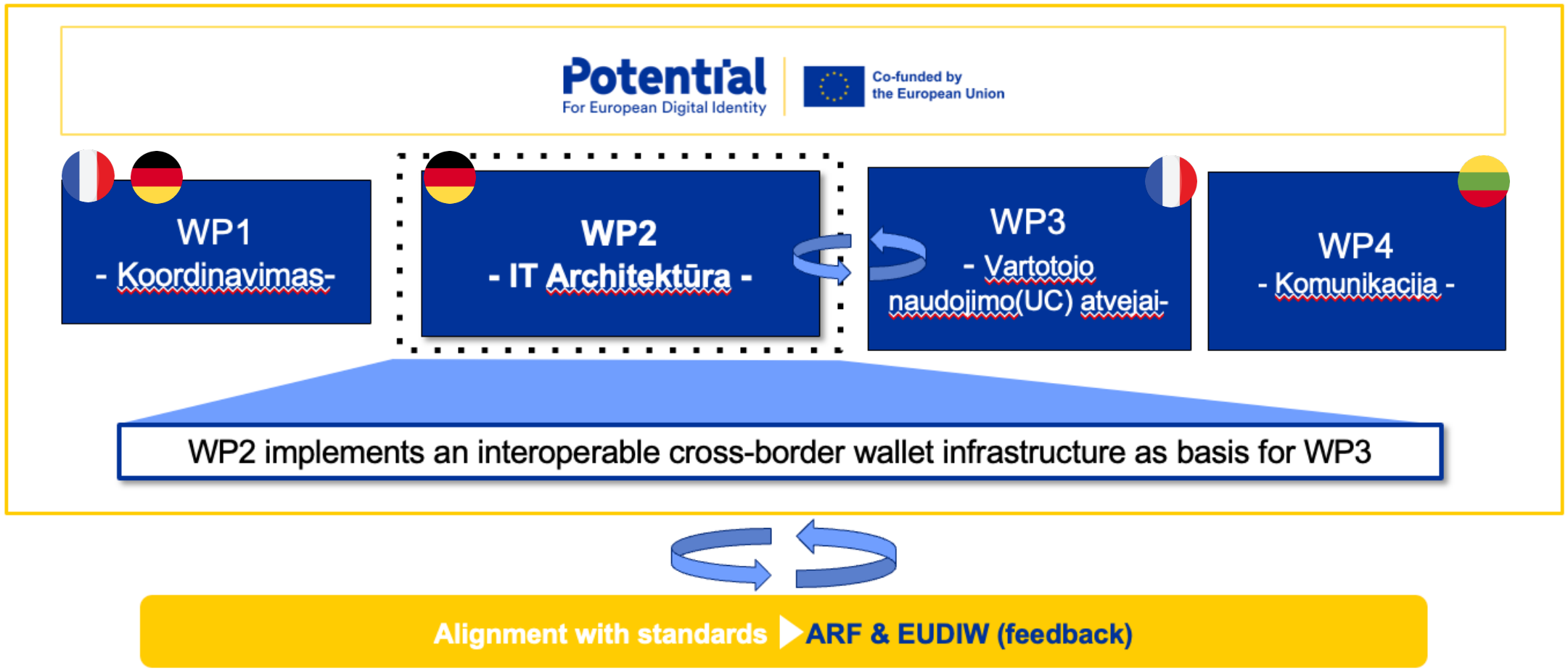
Austria	Finland	Italy	Portugal
Belgium	France	Lithuania	Slovakia
Cyprus	Germany	Luxembourg	Slovenia
Czech Republic	Greece	Netherlands	Spain
Estonia	Hungary	Poland	Ukraine

Co-funded by the European Union

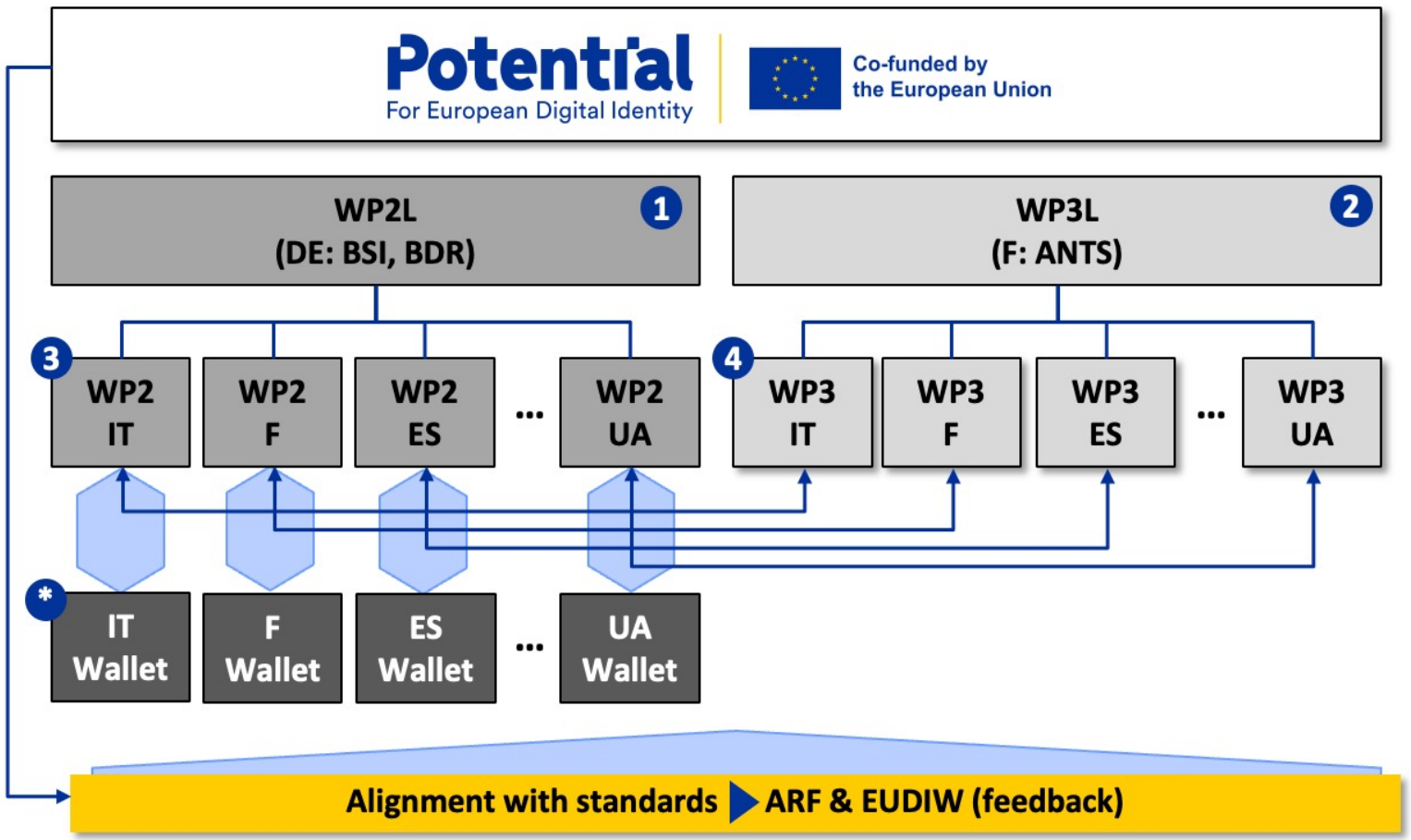
Projekto partneriai Lietuvoje

1. **IRD**, ICT depart. prie VRM (*Beneficiary*, vedantysis LT partneris)
2. **VRM** ministerija (*Affiliated partn*er)
3. **Regitra** VĮ (*Beneficiary*)
4. **ADIC**, asmens dokumentų išrašymo centras (*Associated partner*)
5. **CityBee Solutions** UAB (*Beneficiary*)

Projekto veiklų struktūra



WP2 ir WP3 dirba su nac. komandom –> ES EUDIW infrastruktūros parengimas



1 WP2L is responsible for:

- Coordinating the WP2 national teams
- Interacting with WP3L (and WP1L, WP4L)
- Implementing the WP2 "Book of Work"

2 WP3L is responsible for:

- Coordinating the WP3 national teams
- Interacting with WP2L (and WP1L, WP4L)
- Implementing the WP3 "Book of Work"

3 WP2 national teams are responsible for:

- Consolidating and checking national requirements together with the national WP3 team
- Providing a national wallet for the pilot phase
- Providing the infrastructure required for the pilot phase, together with WP3, if required

4 WP3 national teams are responsible for:

- Managing the national RPs and their expectations
- The life cycle of the requirements

* WP2 national teams may also be responsible for developing a national wallet

WP2 atsakinga už penkis ‘deliverables’:

Deliverables	D2.1 Technical recommendation	D2.2 APIs description and “How To”	D2.3 Wallets	D2.4 Security and privacy analysis	D2.5 Final report
Description	For each new version of the *ARFs* or new release of the *Ref. implementation*, feedback and recommendations from the respective WP2 national teams are collected, consolidated and delivered to **DG CNCT** (and NiScy)	For each use case, the requirements, workflows, sequence diagrams and APIs will be defined together with the WP3 and WP2 national teams	Each WP2 team is to provide a wallet that is capable of being piloted	Ecosystem-wide security and privacy analysis completed and delivered to **DG CNCT**. In addition: Creation of a blueprint for the analysis	Final report

POTENTIAL: 6 use cases to implement the digitization of identity both within and beyond European borders

eGov Services (UC1)

Identification and confirmation of your identity for online public services. It allows for conducting administrative procedures online, obtaining proof of identity (PID), and accessing other services provided by public administrations.

Bank account opening (UC2)

Open current accounts, savings accounts, and deposit accounts online, using the wallet's PID both abroad or in your country.

SIM eRegistration (UC3)

Online registration of the SIM card with customer identity verification

Mobile Driving Licence (UC4)

Integration of the driver's license into the wallet, which can be used by car rental agencies as well as national authorities to verify the driver's identity and driving privileges.

Qualified electronic signature (UC5)

Qualified remote electronic signature when a service requires a signed declaration. This use case supports use cases 1 and 2 where an electronic signature is required.

ePrescription (UC6)

Interaction with the eHDSI document exchange system to allow users to access their medical data. Users will be able to use their PID to enable qualified medical personnel to access their prescriptions.

Potential For European Digital Identity
Co-funded by the European Union

The considered use cases of the EUDIW

IDENTIFICATION

*User's **identification***

AUTHENTICATION

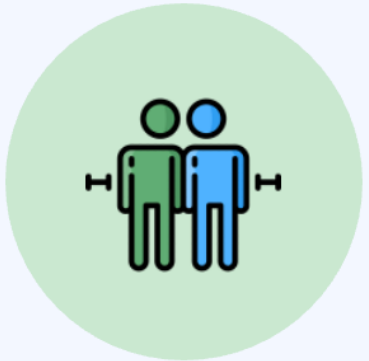
***Check** of the user's identity*

ONLINE

- eGov services
- QeS
- MNOs
- Banks
- Health

- Education
- Payment
- Other

IN PROXIMITY



- Health (pharmacies)
- Police (controls)
- Car rental

- Travel
- Payment
- Age verification
- ....

Potential For European Digital Identity
Co-funded by the European Union

Potential
For European Digital Identity

Co-funded by
the European Union

Svarbūs techniniai aspektai

Terminai

EUDIW - European Digital Identity Wallet

Personal digital wallet for every EU citizen to use for both online and offline public and private services across the EU

PID - Personal Identification Data

A set of data enabling the identity of a natural or legal person, or a natural person representing a legal person to be established - eIDAS Regulation

QEAA – (Qualified) Electronic Attestation of Attributes

An Electronic Attestation of Attributes, which is issued by a Qualified Trust Service Provider and meets the requirements laid down in Annex V. - eIDAS Regulation amendment proposal

QTSP – Qualified Trust Service Provider

A Trust Service Provider who provides one or more Qualified Trust Services and is granted the qualified status by the supervisory body. - eIDAS Regulation

ARF – Architecture Reference Framework

Technical architecture document aimed at specifying an interoperable electronic wallet

Reference implementation

Source code of a reference wallet compliant with the requirements of the ARF, made available by the European Commission

eIDAS – electronic IDentification, Authentication and trust Services

European Union regulation on electronic identification/authentication and trust services for electronic transactions within the EU

Toolbox

Toolbox developed by the member states, including the ARF, a set of common standards and technical specifications, and a collection of common guidelines and best practices

Potential For European Digital Identity
Co-funded by the European Union

eIDAS eko-sistemos architektūra – teisiniai, techniniai, organizaciniai elementai ir procesai

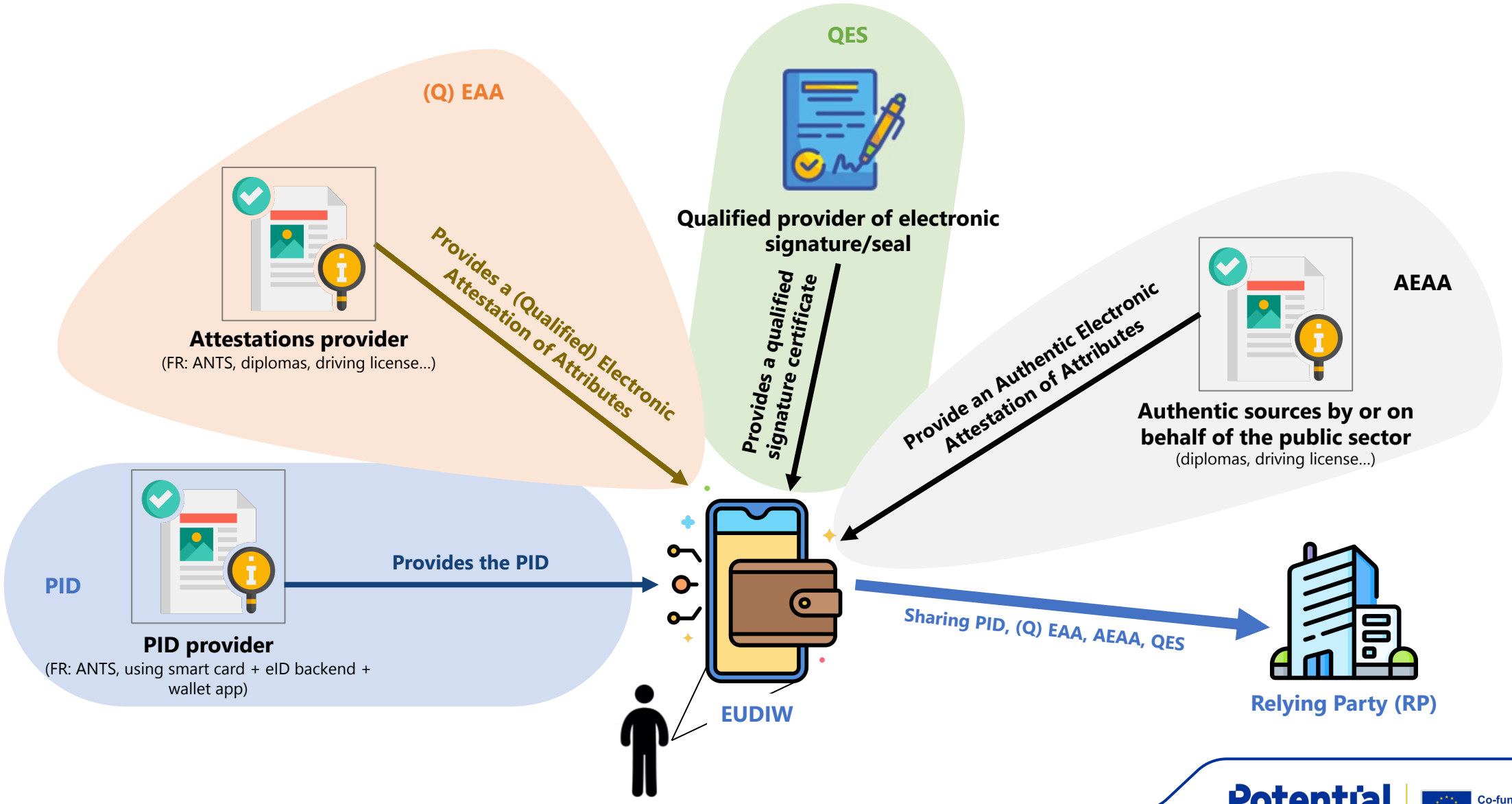
Teisės aktai, norminiai dokumentai

1. eIDAS-2 Reglamentas
2. ARF – techninė EUDIW architektūra
3. NIS-2 Direktyva
4. EU Cybersecurity Act (EU cybersecurity certification framework)
5. CRA, Cyber Resilience Act (cybersecurity standards for products)
6. eIDAS2 pojstatyminiai aktai

Institucinės rolės

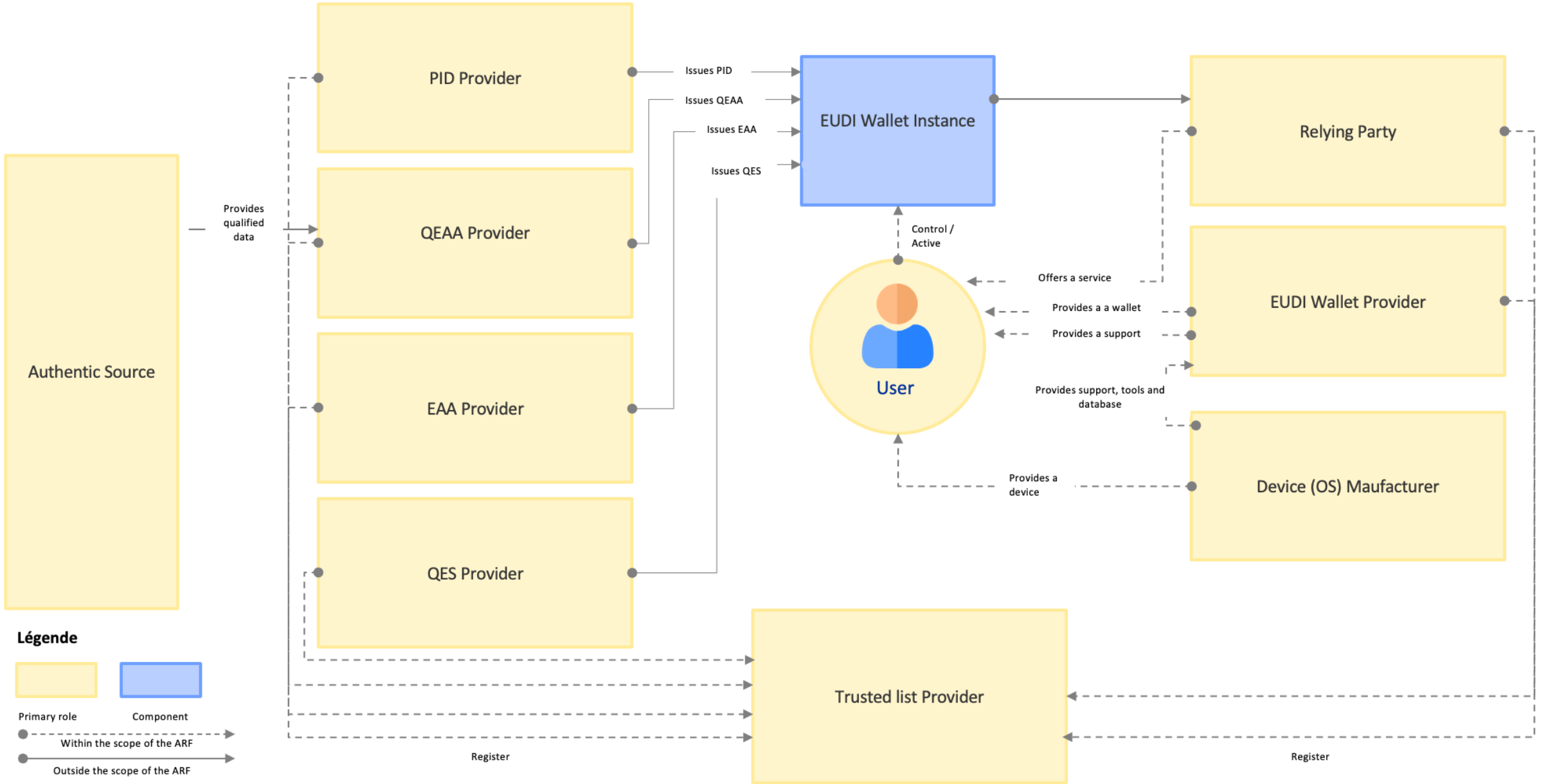
- Politikos formuotojas
- Įstaiga ats. už ES skaitmeninės tapatybės dėklių tiekėjų priežiūrą
- Įstaiga ats. už Patikimumo paslaugų priežiūrą
- Įstaiga, atsakinga už Pasikliaujančių šalių sąrašo sudarymą ir tvarkymą
- Kompetetinga institucija (pagal NIS2 Direktyvą)
- Atitikties vertinimo įstaiga
- Asmens duomenų priežiūros i-ja
- Policija

ES dėklės architektūra pagal *Architecture and Reference Framework (ARF)*

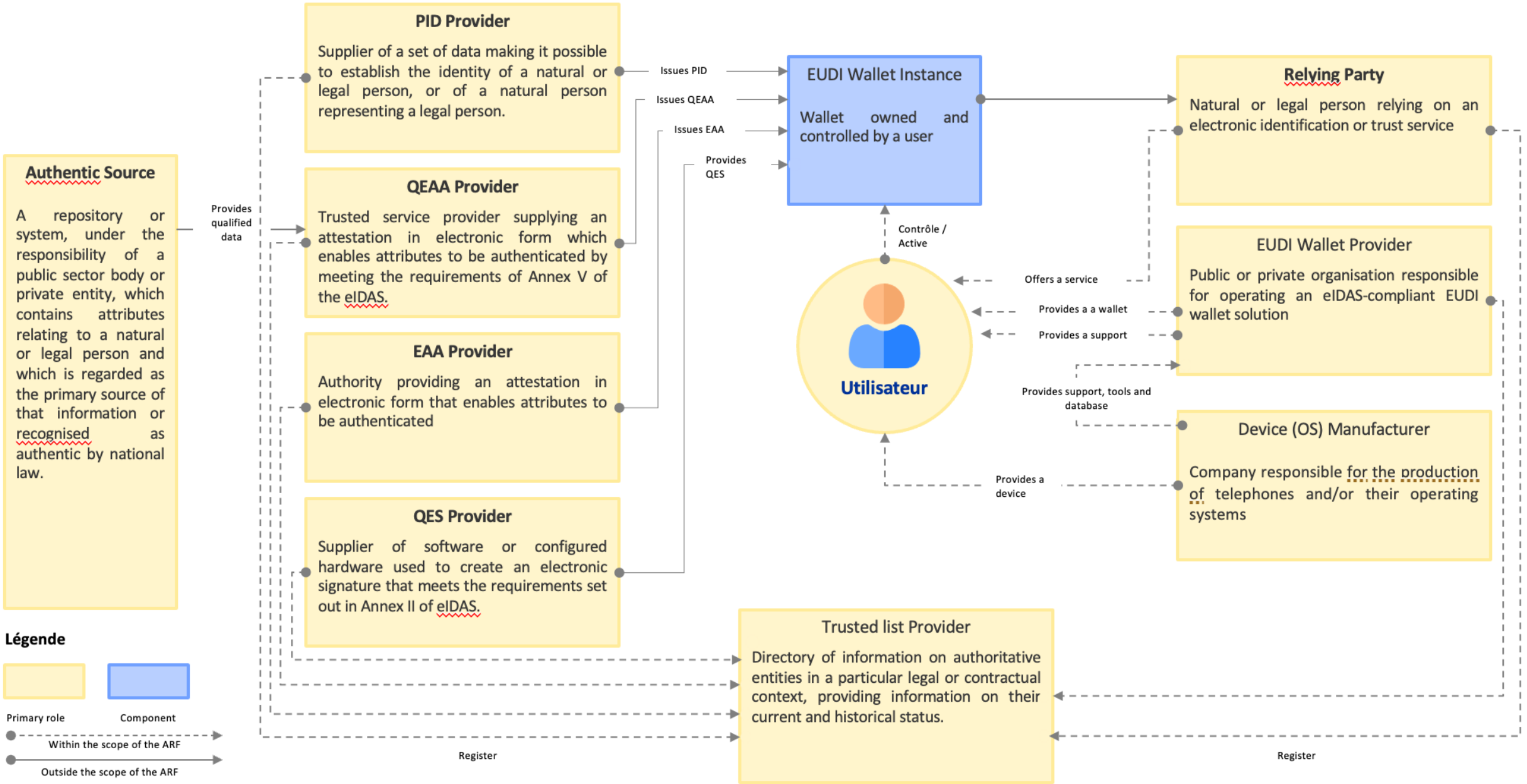


Potential For European Digital Identity
Co-funded by the European Union

ES dėklės ekosistemos dalyvių rolių aprašymas ir saveika |1/2



ES dėklės ekosistemos dalyvių rolių aprašymas ir saveika | 2/2



Ačiū už dėmesį

Vilma Misiukoniene
vilma.misiukoniene@vrm.lt