Strategic drivers behind the European Digital Identity

EU Digital Decade Strategy

Need for a universally accepted eID for citizen

The EU Digital Decade sets clear 2030 targets, including **universal access to a trusted and interoperable digital identity.**

→ Goal is to provide **every citizen** with a **secure**, widely **recognized** way to access both public and private **services**, online and offline, while reinforcing Europe's digital **sovereignty**.

Entry into force of eIDAS 2 regulation

European Digital Identity Framework and Union Toolbox (ARF & Reference Implementation)

The entry into force of the eIDAS 2 regulation sets a clear legal framework for digital identity. It includes:
- the European Digital Identity **Framework**, **harmonizing practices** across Member States;
- the **Union Toolbox (ARF),** defining technical, security, and interoperability standards;
- a **Reference Implementation**, serving as a baseline for Member States to build their wallets.

→ This ensures **coherence**, **security**, and **interoperability** across **Europe**.

Digital Europe Programme

Deployment and acceleration of best use of digital capacities and interoperability

The *Digital Europe Programme* funds and supports the rollout of strategic initiatives such as the **Large Scale Pilots (LSPs)**. Its objectives are to
strengthen Member States' digital capacities:
- **test concrete use cases** of the EUDIW;
- **accelerate** cross-border interoperability;
- **foster adoption** by citizens, administrations, and businesses.

→ It acts as the **practical driver** turning the EU's digital identity vision into reality.

Identity
- Name, surname
- Gender
- Nationality

Credentials
- Qualifications
- Licences
- Public permits

Services
- Authentication
- Signature
- Notification
- Create pseudonyms
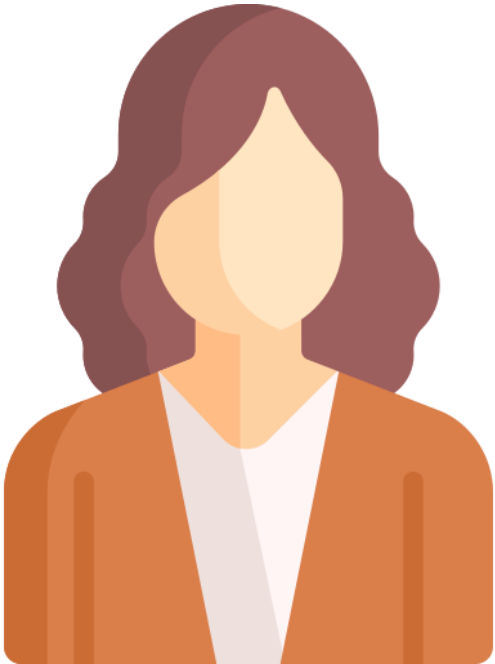- Proof of identity
- Create attestation

Identity wallet and professional attributes:

EUDI Wallet
User centric

- Identity
- Credentials
- Services

> I am Maelys.
> I own this company.

European Business wallet
Entity centric

- Company declaration
- Company capacity
- Services (Tax declaration)

> I am the company.
> I own this building.
> Maelys is allowed to sign contracts on my behalf.

Chronology of LSP deployment and regulation

2023	2024	2025	2026	2027

01/07/2023

Start of the first round of Large Scale Pilots projects to support the implementation of the European Digital Identity Framework

20/05/2024

Publication of the eIDAS 2 Regulation

22/10/2025

Start of the second round of LSPs

End of 2026

Obligation for Member States to offer a wallet

End of 2027

Obligation for VLOPs to recognize the wallet

Co-funded by the European Union

Co-funded by the European Union

4 Large Scale Pilots

2 Large Scale Pilots

DC4EU
➢ Educational and social security use cases.

Potential For European Digital Identity
➢ SIM eRegistration; Bank account opening; eDriving License; eGov Service; eSignature / ePrescription.

EUDI Wallet User centric

aptitude For European Digital Identity
➢ **Wallet for Travel :** Digital Travel Credential; Tickets & check-in; mVRC.
➢ **Wallet for Payment :** SCA; Payment initiation.

EWC
➢ Travel use cases, focusing on payment journey and organizational digital identities.

NOBID CONSORTIUM
➢ Payment use cases and use of eDriving licence.

Business Wallet

WE BUILD Consortium
➢ **Supply Chain**: Authentication & access; utomated exchange & Digital Product Passport; Public procurement; E-invoicing…
➢ **Wallet for Payment**: Account opening; Consumer & corporate payments.
➢ **Wallet for Business**: KYC/KYB; Company branch creation; Micro-credentials; OOTS access.

■ Large Scale Pilots (LSPs)   ■ Regulatory milestones

aptitude
For European Digital Identity

Co-funded by the European Union
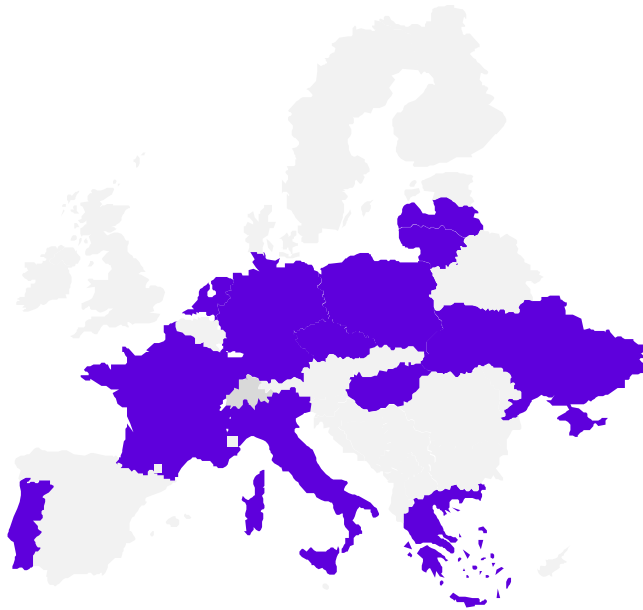
12 Countries represented

FR	CZ	DE	EL
HU	IT	LT	LV
NL	PL	PT	UA

115 Public and private partners

Ministries, state operators, research centres, major companies and start-ups acting as wallet issuers, credential issuers, and relying parties

29 Observers

Entity external to the Consortium with a recognized advisory role in the project. Observers are expected to contribute with their expertise or strategic insight on key topics addressed throughout the project's activities.

→ **Diverse and comprehensive testing environment** for the European Digital Identity Wallet (EUDIW), including all eIDAS roles:

Wallet providers

Issuers

Service providers

28 public administrations

87 private sector partners

→ **Cross-border cooperation and shared insights**, vital for the wallet's pan-European implementation.

Sovereignty

International Development
(Beyond Europe)

Priority Sectors

Digital Travel Credentials (DTC)

Manage the issuance and revocation of DTCs via the EUDI Wallet in coordination with national issuing authorities and national printers for use cases related to border control.

Tickets and Check-in

Simplify the traveler journey for tickets and check-in at hotels, transportation (air, rail, road, maritime), and tourist sites. Integrate student cards to benefit from dedicated fares.

mVRC

Pilot the use of the mobile Vehicle Registration Certificate (mVRC) to demonstrate its ability to be shared among multiple drivers, whether for personal vehicles, rentals, or shared mobility solutions.

SCA and payments

Enhance the wallet to integrate banking and payment functionalities: secure online transactions through payment and strong customer authentication (SCA).

Participation of member-states:

EUDIW allet usage scenarios across interaction mode

	Capacity			
	Online		In person	Attestation
	Same device	Cross device		
Digital Travel Credentials (DTC)	Use DTC in travel app	Send DTC to border authorities in advance to run border pre-check (ou pre-assessment)	Present DTC to the agent's device	DTC serves as proof of identity and travel authorization
Tickets & Check-in	Booking tickets and hotel check-in via app	Scan ticket from the app at kiosk or terminal	Check-in at hotel or transport terminal	Ticket acts as proof of reservation or entitlement
mVRC (Mobile Vehicle Registration Certificate)	Send mVRC to garage for pre-check or repair booking	Share mVRC between drivers via different devices	Show mVRC to police or a garage	mVRC serves as proof of vehicle ownership or authorization
SCA & Payments	Payment via banking app or Wallet on same device	Secure online payment with strong customer authentication (SCA)	Pay in store using wallet or linked card	SCA confirms identity combined with additional attributes like e.g. age for transaction authorization