



ICAO



2023
ICAO **TRIP**
SYMPOSIUM

MONTREAL, CANADA | 12 - 14 SEPT 2023

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Legislation

- A new uniform format for visas was introduced with Regulation (EU) 2017/1370 on 4 July 2017 to be implemented for May 2019.
- Due to diverse discussions among Member States, only the space for a future 2D barcode was reserved but an agreement on the 2D barcode was reached in February 2020;
- A Commission Implementing Decision was adopted on 30 April 2020 giving Member States an implementation time frame of 2 years.
- At the latest in **May 2022**, all uniform formats for visas issued in the embassies of all Member States must contain a signed visible digital seal (2D barcode).

Technical specifications

- The technical specifications are based on the ICAO specifications, Doc 9303, 8th edition, Parts 12 and 13.
- The digital seal has to be signed in order to be secure.
- The barcode contains all data on the visa, except the picture, due to space limitations.
- Existing PKI is used.
- Easily verifiable by mobile-phone or scanner.
- No competition with VIS but even an advantage for two-factor-authentication.
- Will be used in the future as proof of receipt of the e-visa.

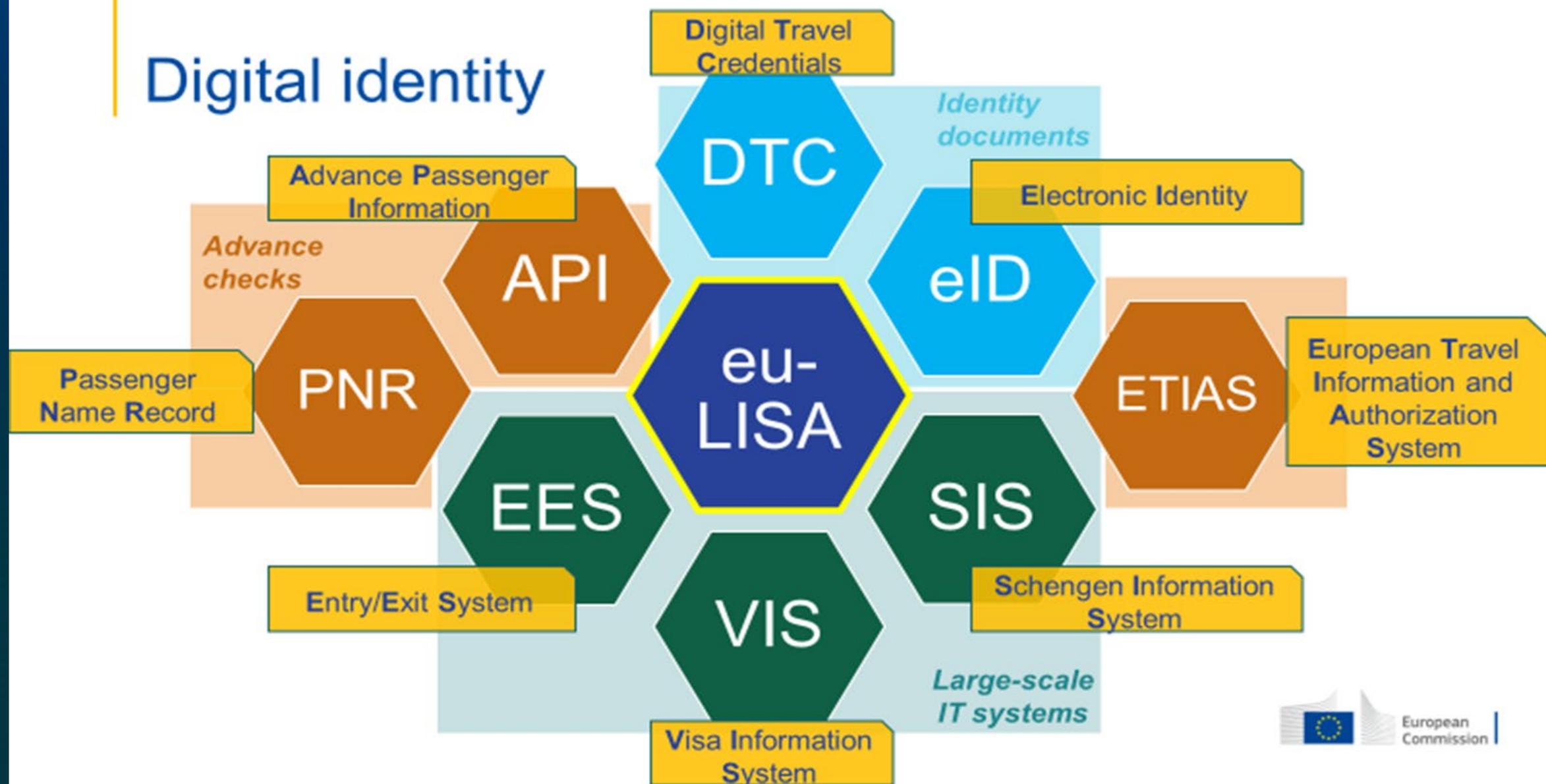
Digitalisation of travel documents and facilitation of travel



Policy documentation

- March 2021: **COM(2021)118 – Communication 2030 Digital Compass: the European way for the Digital Decade**
- June 2021: **COM(2021)277 – Communication "A strategy towards a fully functioning and resilient Schengen area"**

Digital identity



Digital Travel Credentials

- Based on ICAO DTC specifications: DTC Type 1 which consists of an eMRTD bound DTC. The DTC-VC (Virtual Component) is combined with the eMRTD as a physical authenticator
- Pilot projects co-financed by COM by NL, FI and HR starting to be operational Q3 2023/Q1 2024: will support the legislative process by feeding into the impact assessment and achieving proof of concept



Content of impact assessment

Problem definition

- Existing problems
- Problem drivers
- Evolution of problems

Objectives

- Digitalisation of public services
- Safe and secure Schengen Area
- Integrated management for external borders
- Facilitation of travel
- Common standard

Comparison of policy options

- Description of policy options
- Economic impact
- Social impact
- Environmental impact

 **Preferred option**

Policy options

Digitalisation of TD

- Choice of standard
- Creation and use
 - Enrolment
- User interface
- Other aspects?

Facilitation

- Beneficiaries
- Cooperation with third countries
- Types of facilitation
 - Advance border check; e-gate; biometric verification; need for physical component; baggage drop; boarding
- Other aspects/use cases?

Voluntariness and transition periods

- Access to digital travel document a subjective right of EU citizens or optional for MSs?
- Transition periods
- More favourable provisions?

Overarching principles

Legal basis

- Art. 77(2)(b): measures on checks to which persons crossing the external border are subject
- Art. 77(2)(d): measures necessary for the establishment of an integrated management of external borders

Necessity and subsidiarity

- Shared competence
- Can MSs achieve the objectives alone?
- Are the problems widespread or only in a few MSs?
- Necessity and added value of EU action?

Proportionality

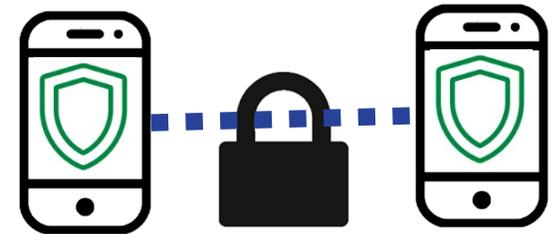
- How should the EU act?
- Scope of initiative
- Form of Union action
- Costs commensurate with objectives?

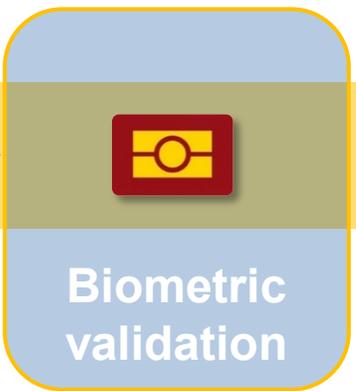


Data protection and privacy



- Limiting the retention period to a minimum
- End-to-end encryption
- Security measures
- Ensure data accuracy
- Consent

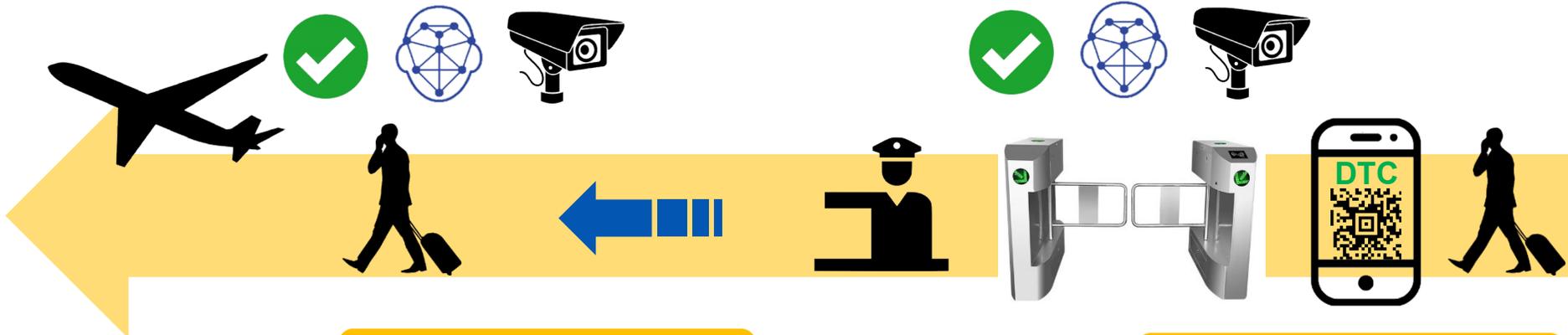




Enrolment

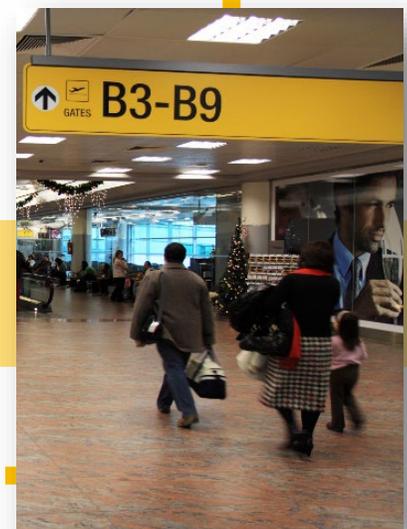
Submission

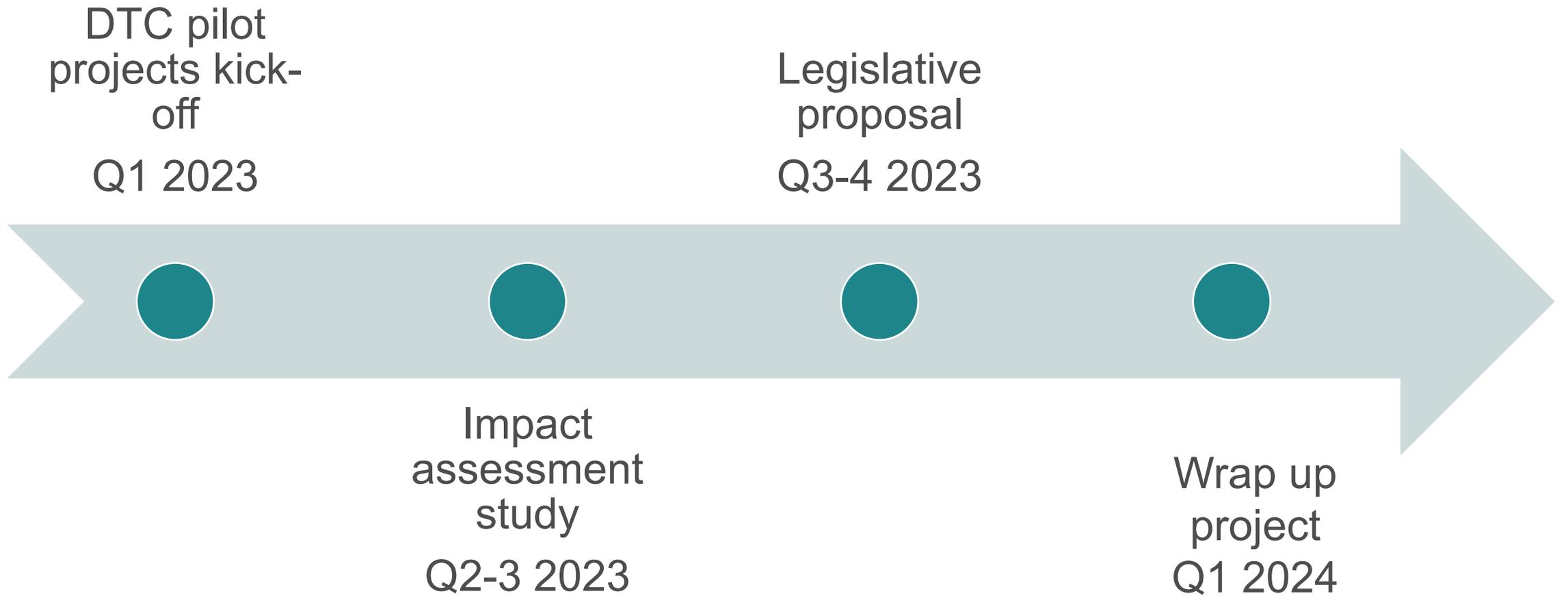
Booking with DTC



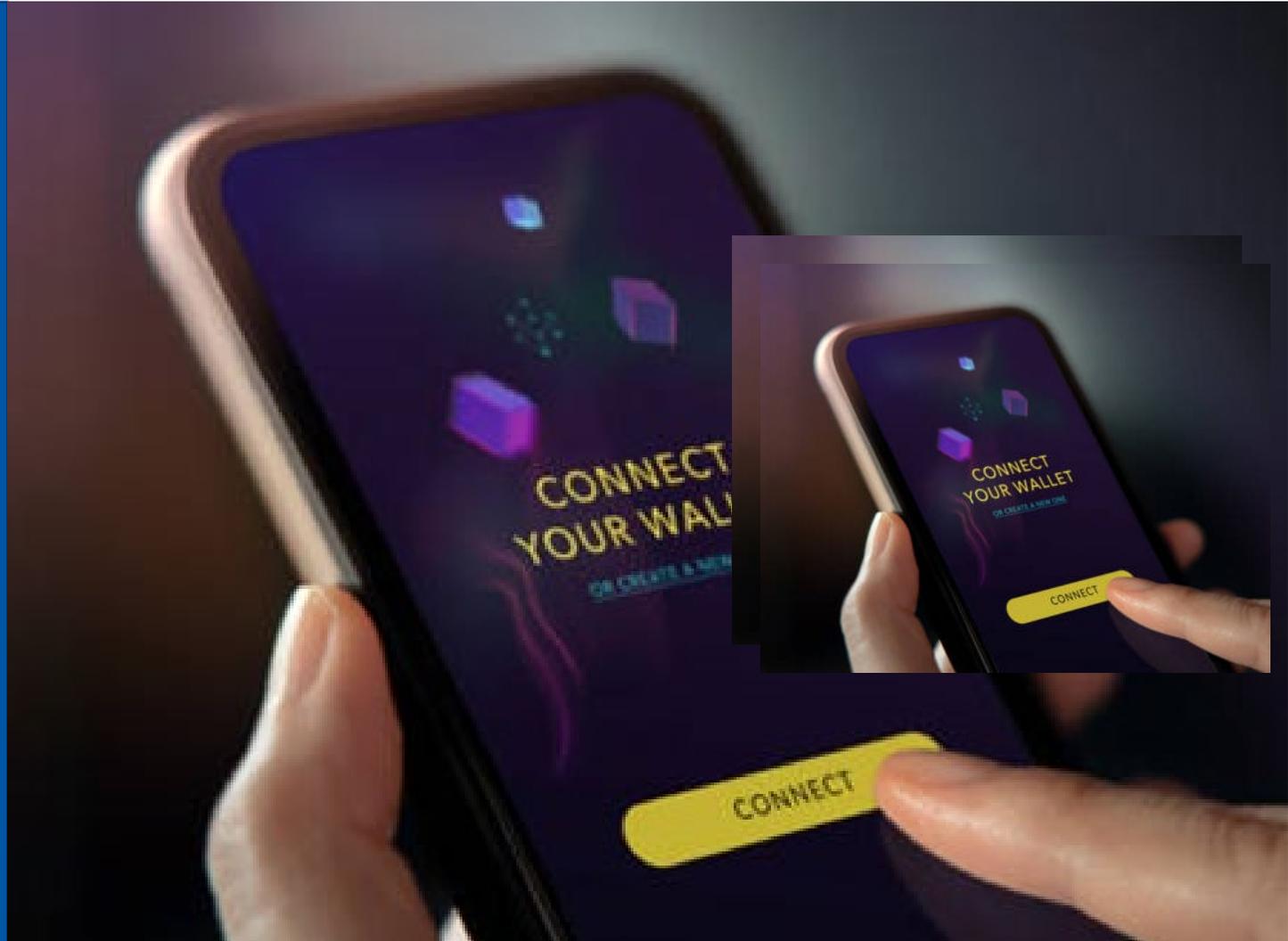
Travel facilitation

Border check





eIDAS Regulation and EU wallet



The ambition: Towards a European Digital Identity



Free to be used by all citizen

All EU citizens and businesses may use it for free on a voluntary basis

Accepted everywhere

Recognised by private and public service providers for all transactions that require authentication

Secure and privacy oriented

Citizens can control and protect their identity, personal data and digital assets



EU Digital Identity: Outcomes



A woman with dark curly hair, wearing a bright yellow sweater, is smiling broadly and holding a white smartphone. She is pointing towards the text boxes around her. The background is a solid yellow color.

- A secure Identity and less identity fraud**
- Built in data protection and privacy**
- Signing electronically as easy as with ink**
- No more passwords to remember**

EU Digital Identity: Work Streams



The European
Digital Identity
Wallet
is coming!

Legislative Process

Negotiation of the proposal for the revision of the **eIDAS regulation** underpinning the EU Digital Identity Framework (Regulation (EU) 2021/281)

Provisional Political Agreement on 29/062023

Wallet Technical Specifications

Member States and the Commission working on a **common toolbox** with an **architecture and reference framework**, common standards and specifications, guidelines and best practices

9th of February 2023 first release, continuous updates since April 2023

Large-scale Pilots

Grants under the Digital Europe Programme for **large-scale pilots around use-cases** for the EU Digital Identity Wallet

First release in September and second release December 2023

Wallet Reference Implementation

A **reference implementation** of the EU Digital Identity Wallet based on the technical specifications agreed by the toolbox.

1st of April launch of piloting projects

EU Digital Identity Use-cases



Mobile Driving Licences (mDL) – for online and physical interactions



Payments - store credentials and facilitate payments in account-to-account and card-based transactions



Opening a Bank Account – to verify a user's identity when opening a bank.



Travelling – quick airplane boarding and quick border crossings (e.g. by a storing **Digital Travel Credentials**)



SIM Registration – Wallet to prove their identity in pre- and post-paid SIM card contract registration



Organisational Digital - business-to-government or business-to-business interactions



eSignatures - provide a secure digital signature when signing contracts online



Freedom of Movement –social security documents such as European Health Insurance Card



Accessing government services – to file taxes or apply for supports



Education/Professional Qualification – educational qualification or professional



ePrescription – identifying and providing details of prescription to a pharmacies

Thank You

