

Elevating Digital Trust through Mobile Identity

Supporting EU Digital Identity

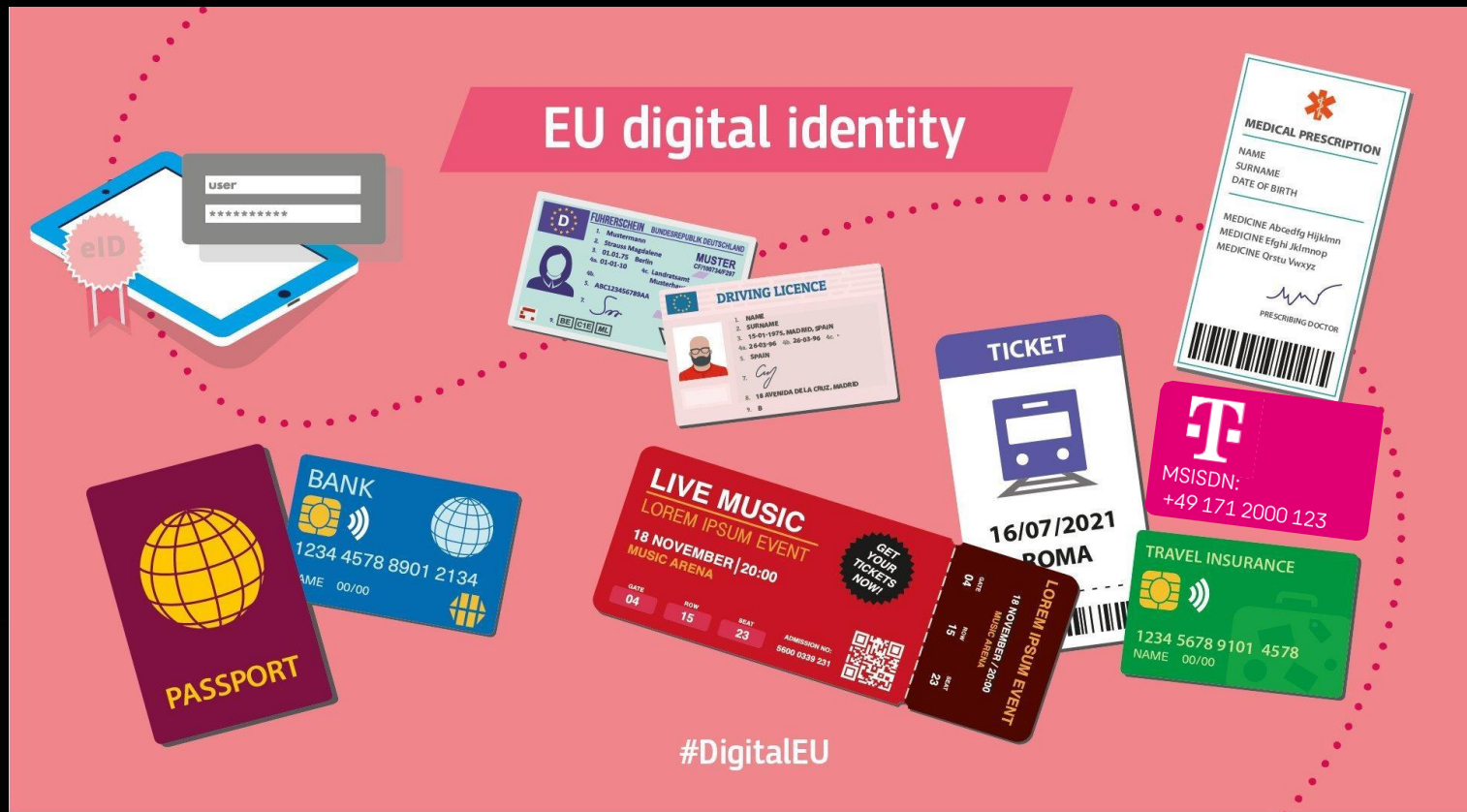
Deutsche Telekom Group, Andrzej Ochocki

MWC Mobile Identity Summit 2025





Digital Trust is a key for economic development...



Expected from end of 2026

EU member states expected to offer their citizens local ID Wallets that are recognised throughout the EU. A range of Use Cases for local and cross-border use will be available.



... and as the Telco we support our EU Member States to co-create the EU ID ecosystem.



eGov Services

Simplification and full digitalization of identification and authentication. Enabling citizens to use eGov services, such as online administrative procedures, with their European Digital Identity Wallet.



Supported by the European Union



Bank Account Opening

Convenient and secure account opening and management. Opening a current, savings, or custody account online and anytime gives citizens more freedom to manage their bank account.



Supported by the European Union



SIM Card Registration

Simplification and full digitalization of SIM Card registration. Citizens register and activate their SIM Cards for plan and prepaid contracts digitally within the European Digital Identity Wallet.



Supported by the European Union



Mobile Driving Licence

Driving Licence on citizens' personal devices. Equipping citizens with an eDriving Licence, commonly known as mobile Driving Licence (mDL), allowing identity verification and licence checking at car rental services or during police checks.



Supported by the European Union



Qualified eSignature

Convenient digital Qualified signatures. Increasing eSignature usage integrating their functionality to create qualified signatures.



Supported by the European Union



ePrescription

Paperless and convenient medical prescriptions. From the doctor's prescription to pharmacy pickup, the secure European Digital Identity Wallet gives citizens secure data control. This enables access to health information and users' control over who they wish to share their health data with and when, all over Europe.



Supported by the European Union



We actively participate in the EU Large Scale Pilot ...

Potential
For European Digital Identity



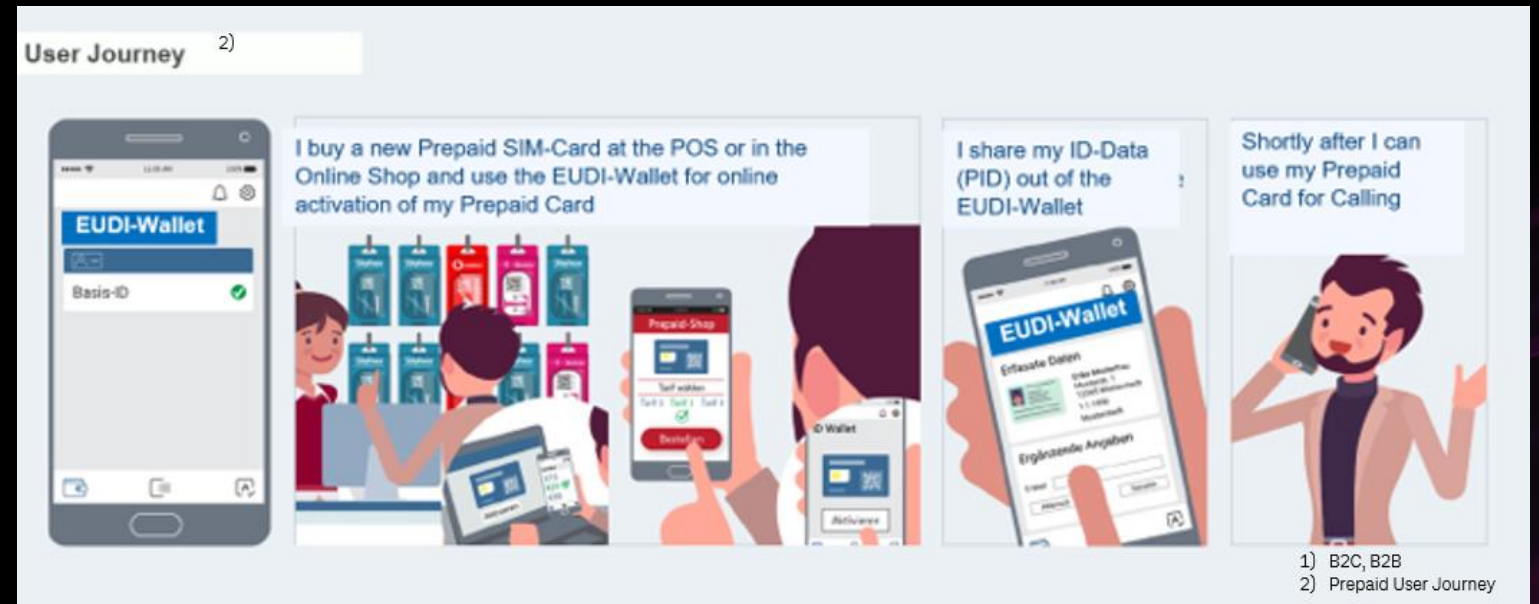
EU ID Large Scale Pilot 2023 – 2025:

- 19 EU Member States + Ukraine
- EC funded
- 149 Partners (public and private)
- Relevant Use Cases

<https://www.digital-identity-wallet.eu/>

Telco Use Case „SIM eRegistration“:

Simplification and full digitalization of SIM Card registration for EU citizens and residents.





... including the full EU cross-border usage.

Case 1: Prepaid Online Registration in Germany

with
German
EU ID Wallet



Aktivierung Ihrer Prepaid-Karte

Bitte geben Sie uns Ihre
Kartennummer und
Rufnummer an.



Karten-/Profilnummer:

14998673285643

Rufnummer:

197 4589 55 78

Weiter zu Ihrer DE ID Wallet

[Home](#) | [Products](#) | [Company](#) | [Blog](#)

EU ID Wallet

Bestätigen Sie Ihre
Personalausweis PIN



1 2 3

4 5 6

7 8 9

0

Abbrechen

EU ID Wallet

Personalausweis
lesen

Bitte halten Sie Ihren
Personalausweis in die Nähe
Ihres Handys.



Abbrechen

EU ID Wallet

Vielen Dank, Ihr Profil wurde
erfolgreich eingerichtet.

Personalausweis

☐ Name

Eva

☐ Geburtsname

Stumpf

☐ Geburtstag

18.10.1993

☐ Gültig bis

01.01.2024

☐ Anschrift

Blaustraße 100

70372 Stuttgart

Bestätigen >

Abbrechen

EU ID Wallet

Telko möchte auf diese
Daten zugreifen:

Personalausweis

☒ Ihr vollständiger Name

Eva Stumpf

☒ Ihr Geburtsdatum

18.10.1993

☒ Ihre Adresse

Blaustraße 100

70372 Stuttgart

☒ Gültig bis

01.01.2024

Verweigern Akzeptieren

Abbrechen

EU ID Wallet

Danke, Ihre
Verifizierung war
erfolgreich.

Sie können nun mit Ihrer
neuen SIM-Karte das erste
Telefonat führen oder im



Aufladen >

[Home](#) | [Products](#) | [Company](#) | [Blog](#)

Case 2: Prepaid Online Registration in Germany

with
Austrian
EU ID Wallet



EU ID Wallet

Bestätigen Sie Ihr AT
ID Wallet PIN



1 2 3

4 5 6

7 8 9

0

Abbrechen

EU ID Wallet

Personalausweis

Ihr Vorname:

Eva

Ihr Nachname:

Stumpf

Ihr Geburtsdatum:

18.10.1993

Ihre Adresse:

Rennweg 100

1030 Wien

Gültig bis:

01.01.2025

Bestätigen >

Abbrechen

EU ID Wallet

Bitte bestätigen Sie die
Weitergabe ihrer
persönlichen Daten an:

Telekom Deutschland GmbH

Verweigern Akzeptieren

Abbrechen

Example



But we have also other valuable assets critical for the success of eIDAS2.0...

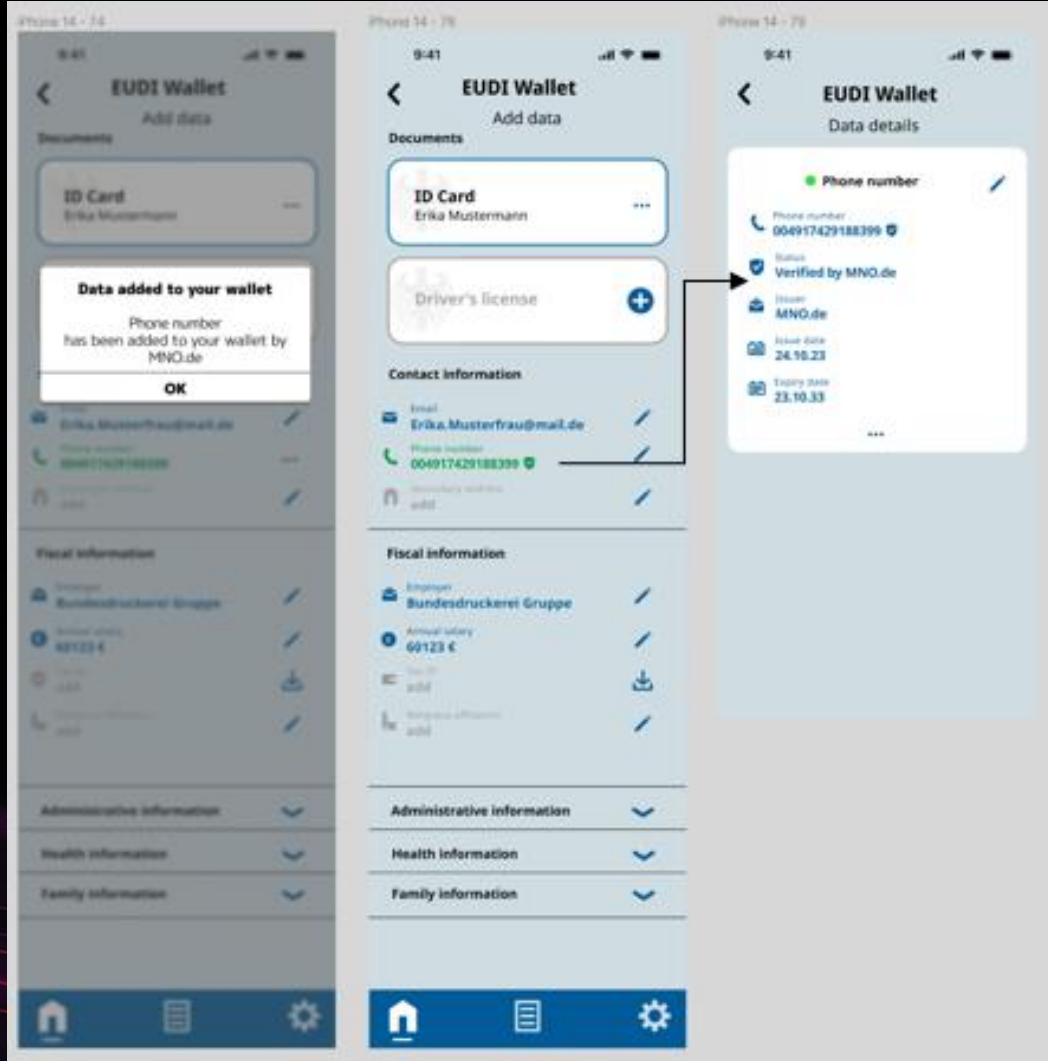


For example:

- **Mobile Number (MSISDN)**
- **Secure SIM and ID platforms infrastructure, deployed at scale**
- **Being already Trusted Partner of our Customers and our States**



We plan offer verified MSISDN to Relying Parties...

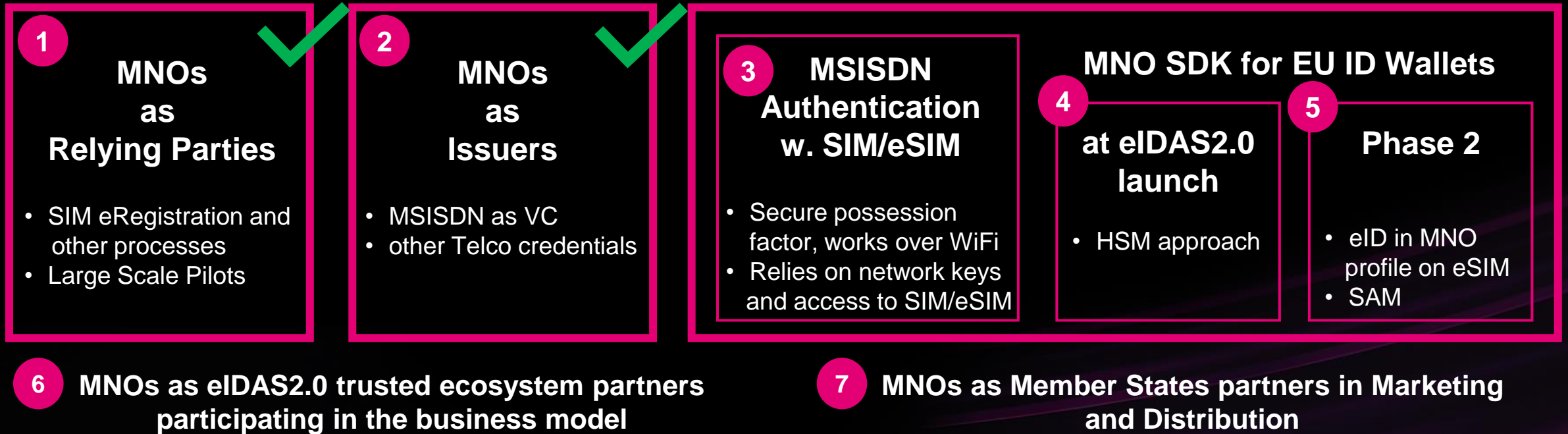


The Mobile Number (MSISDN):

- Issued by MNOs as Verifiable Credential
- Relevant for nearly all Relying Parties
- Fully managed lifecycles by MNOs (contract cancellation, blocking, change MNO)
- Enables real time authentication via Number Verify



... and also propose to use our SIM and Network assets to secure the EU ID Wallets.



KEY ADVANTAGE OF OUR PROPOSAL:

Achieving simultaneously Security + Privacy + Reach + UX, already at launch of eIDAS2.0



Coming next....



Large Scale Pilot 2 (LSP 2), Aptitude consortium:

- Time Horizon: 2025-2027
- LSP 2 focuses on:
 - Payments and Travel Use Cases
 - Secure Customer Authentication
- Our MNO SDK proposal, using SIM-based authentication, optimally combines security, privacy, reach, and UX – all key success factors for eIDAS 2.0

