The payment sector and the European Digital Identity Wallet (EUDIW): a new era of innovation?





Speaker

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Payments and Digital Identity

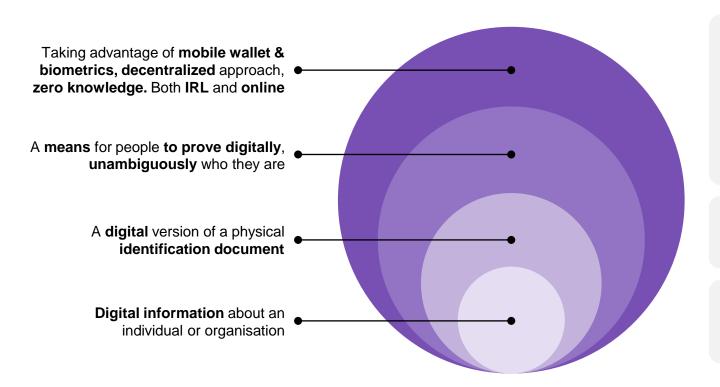
A new area of innovation?



Digital Identity

Ride the momentum







THE WORLD BANK

In Europe, all the companies that implement SCA will have to accept eIDAS identification

Many challenges identity theft, regulation, fears of state control, data validation, interoperability and accessibility

Ride the momentum





Ride the momentum





Ride the momentum





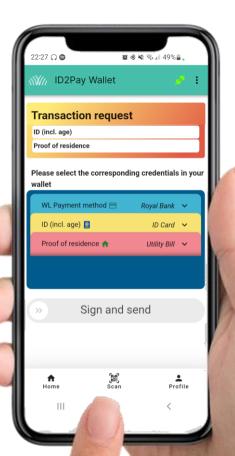


Merchants asks access to **Certified data** by **trusted issuers**

Ride the momentum





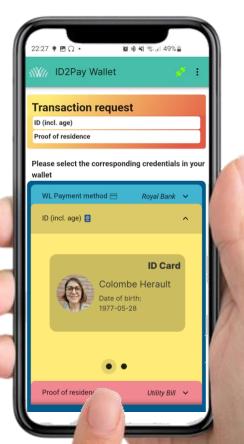


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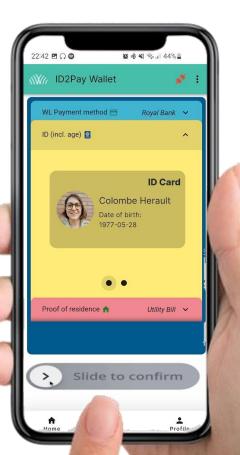


Merchants asks access to **Certified data** by **trusted issuers**

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Merchants access to Certified data by trusted issuers

Ride the momentum







Merchants asks access to **Certified data** by **trusted issuers**

Rise

Ride the momentum





Merchants asks access to **Certified data** by **trusted issuers**

Ride the momentum







Merchants asks access to Certified data by trusted issuers

Rise

Ride the momentum





Merchants asks access to Certified data by trusted issuers Signed by issuers & customer

elDAS 2.0: a new ecosystem is emerging



Embodied by EU Digital Identity Wallet (EUDIW)

Member States **obliged to issue** EU DI Wallet

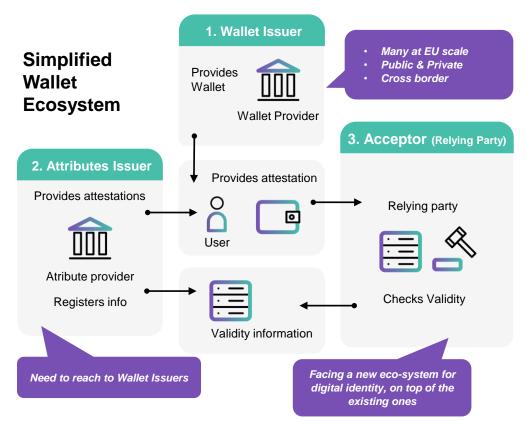
Identification & Authentication

Private services **obliged to accept** EUDI Wallet in case of strong authentication by law

A new **ecosystem to exchange attributes** beyond identification & authentication

Available online & offline

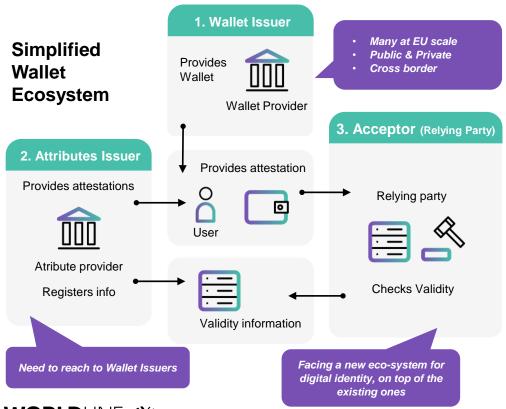
Qualified electronic signature



elDAS 2.0: a new ecosystem is emerging



Embodied by EU Digital Identity Wallet (EUDIW)



What are the changes for **Merchants and banks** in the EU DI Wallet ecosystem?

How will the EU DI Wallet transform the way users perform payments and the way payments are accepted?

Digital Identity is exploding

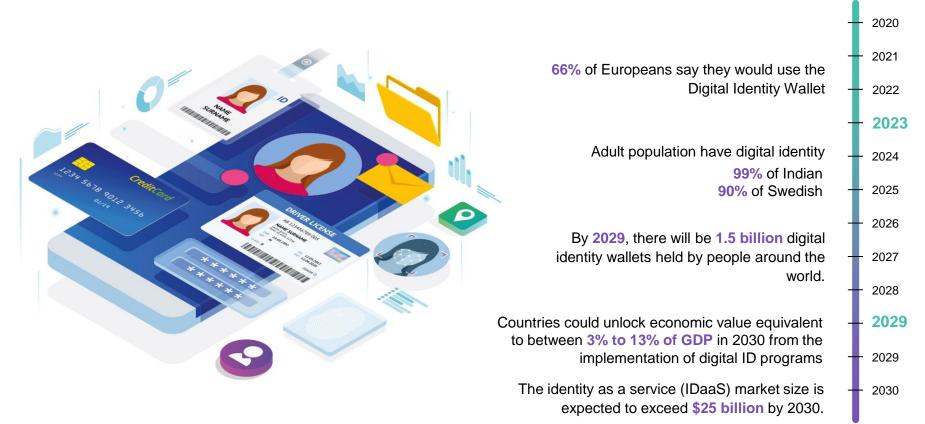






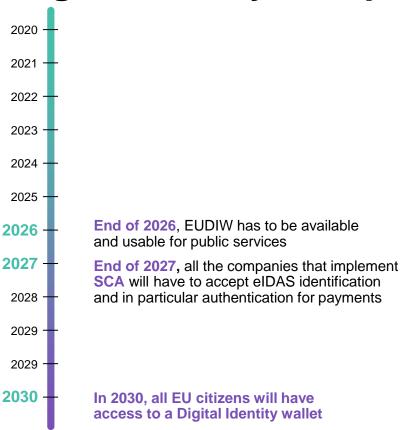
Digital Identity is exploding





Digital Identity is exploding







Market opportunities Digital Identity and Digital Payments interacting



Travel and hospitality

To make reservation and Check-in Share driving license, insurance to rent a car, Loyalty program Cross border



Mobility - Telco Energy & utilities

Authentication and credentials verification Signature of contracts Loyalty, Call center support



Healthcare

Fraud or misusage management Access sensitive health data or treatments Traceability of treatments (vaccination record) Care providers authentication





Merchants -online and in store commerce

Improve CX during shopping with seamless Identification, Age verification, IBAN sharing for Account-to-Account payment, shipping preferences Increase customer knowledge with fast enrollment and KYC



Financial Services

For banks and insurance, at enrollment, for digital signature, Strong Customer Authentication, Attribute issuing (IBAN, Age, User postal address), Wallet issuing & Payment, Credit loan and scorina

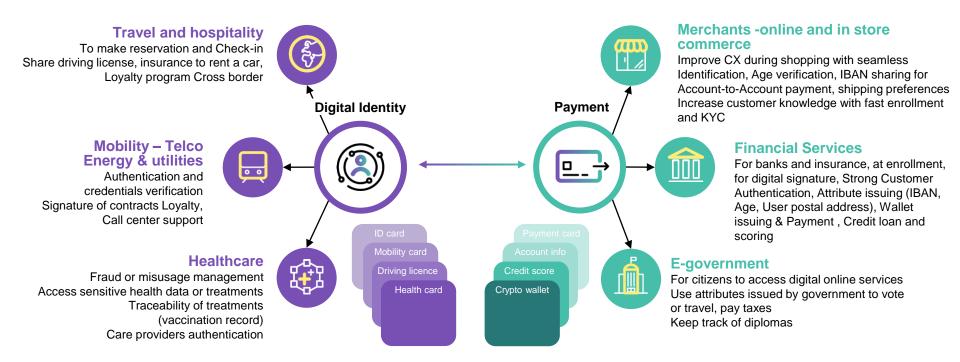


E-government

For citizens to access digital online services Use attributes issued by government to vote or travel, pay taxes Keep track of diplomas



Market opportunities Digital Identity and Digital Payments interacting





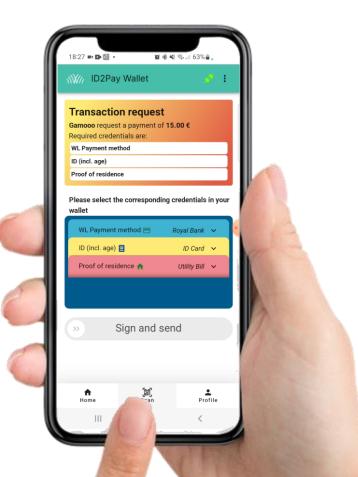
Market opportunities Digital Identity and Digital Payments interacting





Merchants -online and in store commerce

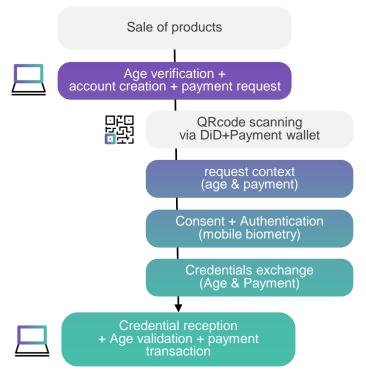
Improve CX during shopping with seamless Identification, Age verification, IBAN sharing for Account-to-Account payment, shipping preferences Increase customer knowledge with fast enrollment and KYC



Gambling Account creation and Payment

















Digital wallets and wearables



Mobile & **Biometrics**

No need for a physical wallet, card or document

Standards



EUDI ARF, W3C Verifiable, Credentials, OpenID, Open Wallet **Fundation**

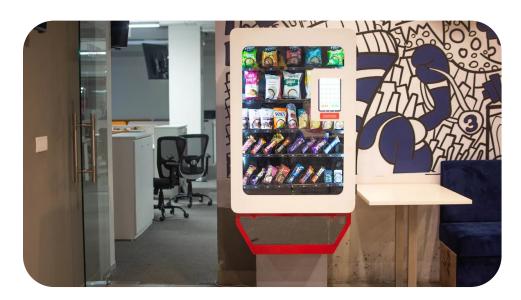
For open & rich ecosystem



Age verification at vending machines

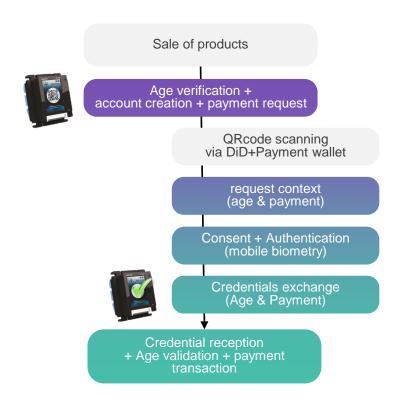


Unified flow for Payment & Identity check



£4 billion is the total cost to retailers of checking ages in the UK alone.

60% of all customer service interventions at self-checkouts are due to age related checks.









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Security & Privacy



Privacy-preserving signatures, ZKP, Unlinkability

To guarantee citizen privacy & safety

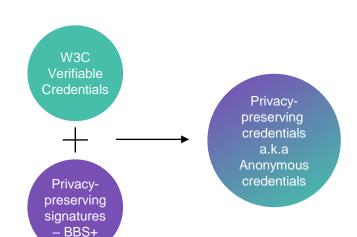


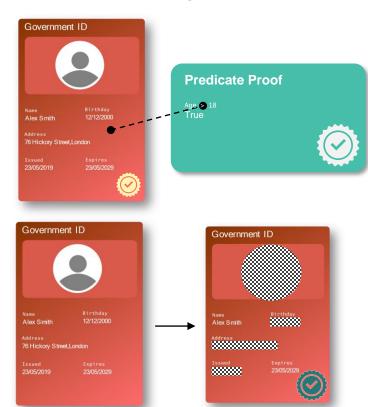




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Decentralized **Architecture**



Personal device storage, Mutual authentication. Trusted ledger & Web3

To build trusted ecosystems

Artificial Intelligence



Both a friend and a foe

Both a friend and a foe

Payments and identity are merging.

Banks will have to accept EU Digital Identity wallet for authentication of payees

Digital Identity will enable **seamless**, **secure and borderless** digital services both online and in-store

Consumers will be able to share easily and safely their credentials, in particular payment credentials, making **account** to **account** payments much easier.

Merchants will take advantage of EUDIW to **implement better customer journeys** and get to **know their customers** better. Access to **certified information** about customers will create **totally new revenue streams**

The EU Digital Identity wallet could also play a significant role in **Digital Euro** and **EPI** ecosystems



