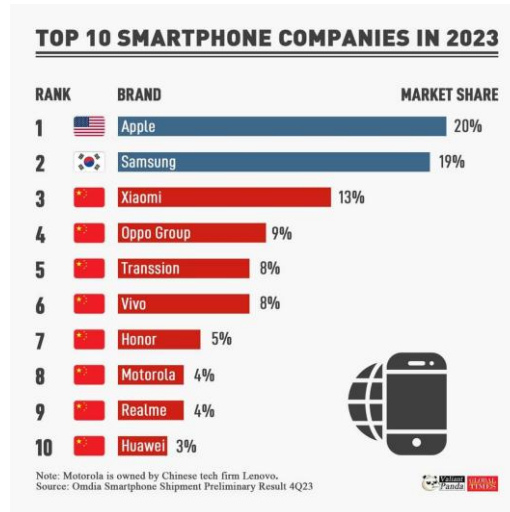




# Session 4: Security of wallets

**ITU Workshop on "Trustable and Interoperable Digital Identities for Human and Agentic AI"**

**Geneva, Switzerland, 30-31 March 2026**





## Embedded SE eSE owned by smartphone manufacturer

- Member state to phone manufacturer agreement
- Sovereignty aspect

## eSIM in MNO Profile

- Profile owned by MNO
- MNO agreement
- Churn will require re-issuance of an ID

## SAM model in eSIM

- EU and Member state do not require business agreement
- Phone manufacturer must host EU Certificate on voluntary basis
- New European PKI

## External NFC ID Card

- Ruled out by the regulation and flagged as a temporary solution until hardware solutions are readily available

## Cloud HSM with Strong Authentication

- Seamless authentication is smartphone dependent
- Or need alternated authentication e.g., operator (eUICC) or external device
- Does not address the proximity / offline mode

## Device proprietary Security

Standardized APIs

High Assurance

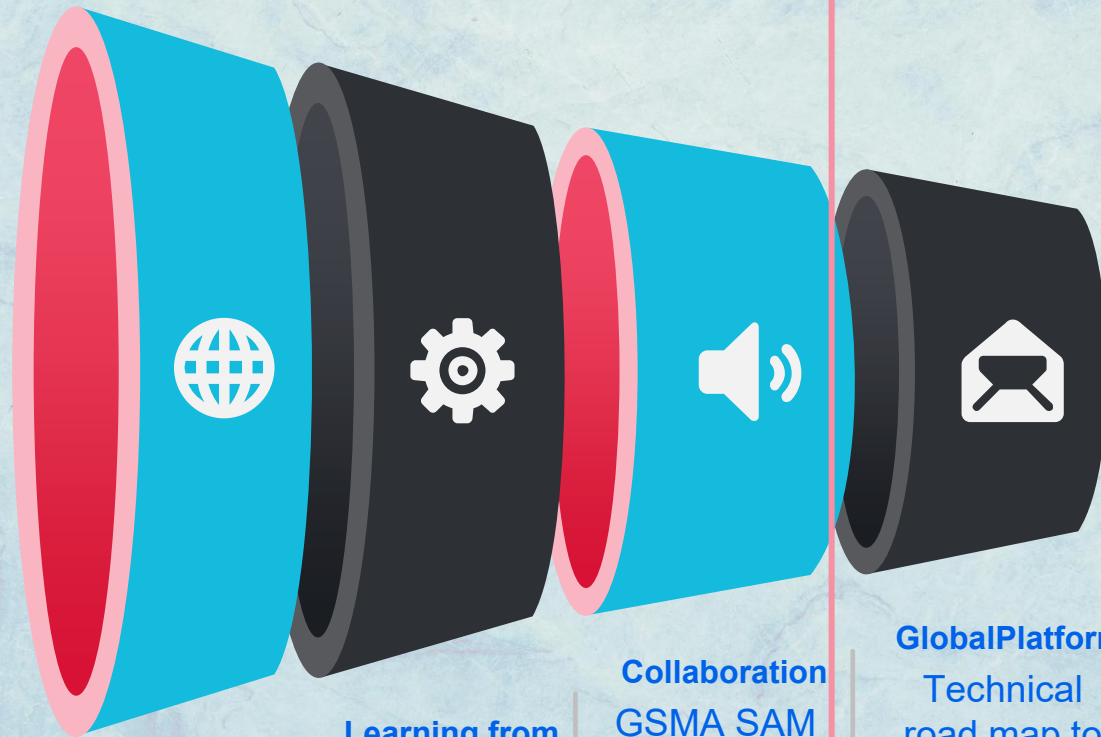
# Securing PID is necessary, but the wallet instance also needs protection



# GlobalPlatform solution map for EU-DI



EUCC  
Cybersecurity Certification



Workshops  
And  
seminars

Learning from  
EU projects  
and previous  
deployment

Collaboration  
GSMA SAM  
ENISA 5G  
scheme

GlobalPlatform  
Technical  
road map to  
easy  
deployment



SAM

- Secure Application for Mobile
- Simplification of Key and authorization management



CSP

- Cryptographic Service provider
- Simplification of Applet certification across multiple SE platforms



HSM

- New Task Force created to look new evaluation methodology and Standardized APIs



# Global Platform™

The standard for  
secure digital services  
and devices

→ [globalplatform.org](https://globalplatform.org)