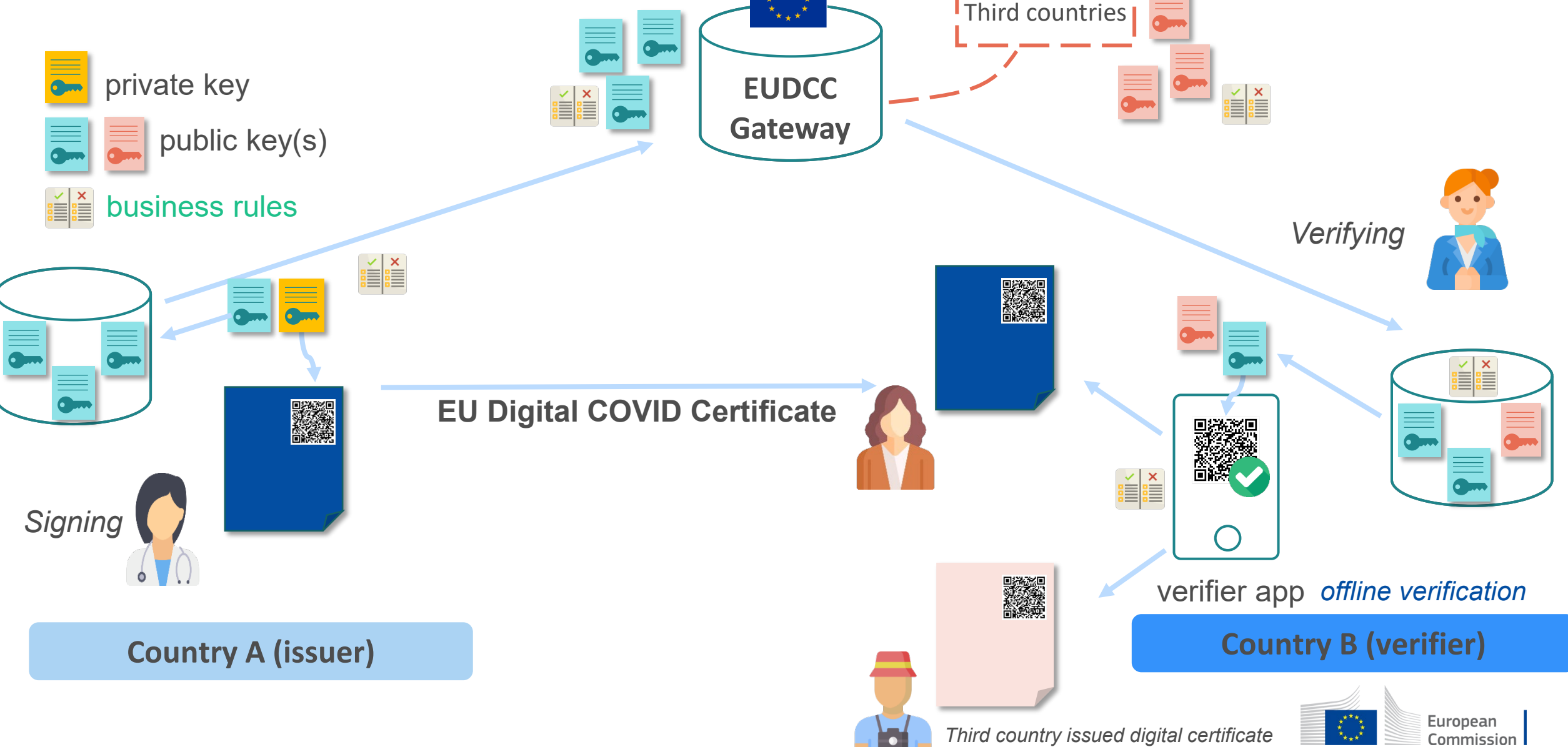# EU Digital COVID Certificate

European Commission presentation for the 2nd Joint ITU/WHO Workshop on Digital COVID-19 Certificates

Session 2: Identity binding and trust networks for digital COVID-19 certificates and certificate-based services

9 November 2021

Outline technological architecture

Components needed for interoperability

All documents are available from: https://ec.europa.eu/health/ehealth/covid-19_en

Datasets and value sets

eHealth Network guidelines on verifiable vaccination certificates - basic interoperability elements

Guidelines on COVID-19 citizen recovery interoperable certificates - minimum dataset

JSON Schema for EU Digital COVID Certificates

A common list of COVID-19 rapid antigen tests, and a common standardised set of data to be included in COVID-19 test result certificates

Architecture

Trust framework

Reference implementations for issuance, storage and verification apps

Other

Template for paper version for EU DCCs

Technical specifications

Volume 1: formats and trust management

Volume 2: EU Digital COVID Certificate Gateway

Volume 3: 2D Barcode Specifications

Volume 4: EU Digital COVID Certificate Applications

Volume 5: Public Key Certificate Governance

EU DCC Validation Rules

Validation of EU Digital COVID Certificates in the context of air transport

Guidelines on the use of Digital Covid Certificates in traveller and online booking scenarios

Third countries

Third country DCC Equivalence Decision checklist

Annex 1: Evaluation checklist

Annex 2: Technical procedure

Annex 3: Application form

European Commission

The equivalence decision process

Initiation
First contact, pre-checks of readiness, technical clarification

Self-assessment
Completion by applicant country of Evaluation Checklist

Technical check
Assessment of Evaluation Checklist Formal submission of application for Equivalence Decision Technical screening of third country notification of results of technical compliance tests to third country

Equivalence Decision
On positive opinion from technical team, preparation of Equivalence Decision (ED) Vote in Member State Committee following positive vote, adoption and publication of Implementing Act and notification of ED

Onboarding
Applicant country on-boarding with final tests Go Live and exchange of keys

Regulation outline

- **Legal basis**: Art 21(2) TFEU – free movement of EU citizens within the EU

- **Objective**: to facilitate safe free movement during the pandemic by establishing a common framework – the EU Digital COVID Certificate – for the **issuance**, **verification** and **acceptance** of **interoperable:**

  - vaccination certificates

  - test certificates

  - certificates of recovery

- May also be used by Member States for national purposes – if legal basis is provided for in national law: **20 Member States doing so**

Who is covered by the DCC Regulation?

- **EU citizens** and their family members (and third country nationals legally residing and staying in the EU*):

  - **Main route to receive certificate**: vaccinated/tested by or recovered in the Member States

  - **If offered by MS**: presenting proof of vaccination by third country to MS and be issued with MS EU Digital COVID Certificate

  - Commission decision to **recognise third-country certificates** interoperable with EU system and which contain the necessary data

- **EEA nationals** via incorporation into EEA Agreement

- **CH nationals** based on a Commission decision and reciprocity

- EU DCC <u>not</u> a travel document

  'Twin' Regulation 2021/954

EU DCC identity binding

- Identity binding decided at Member State level for issuance of EU DCC

- Manual verification of identity documents to match EU DCC

- Heterogenous EU landscape on digital identity

- Compressed timeframe to develop EU DCC

- Some individual Member States have integrated DCC with eID

European Commission

Thank you

European Commission