



# EU Digital COVID Certificates

High Level Meeting on Safe International Travel

*Ibiza 8 July 2022*

# Principles

- A framework for the common issuance verification and acceptance of interoperable vaccination test and recovery certificates
- **Verifiability:** ensure authenticity integrity and validity



## Governing principles

 Trust

 Digital + Paper

 Data protection

 Wide use

 Secure

 Openness and transparency

 Flexible

 Actionable

# DCC in numbers Restoring safe international travel

72

30  
EU27+EEA

Countries  
connected to the  
EU DCC Gateway

42

Third countries

20+

In the pipeline

Sint Maarten

Aruba Curaçao

El Salvador

Panama

French Polynesia

Taiwan

Singapore

New Caledonia (FR)

New Zealand

Lebanon

Israel

Jordan

Seychelles

Madagascar

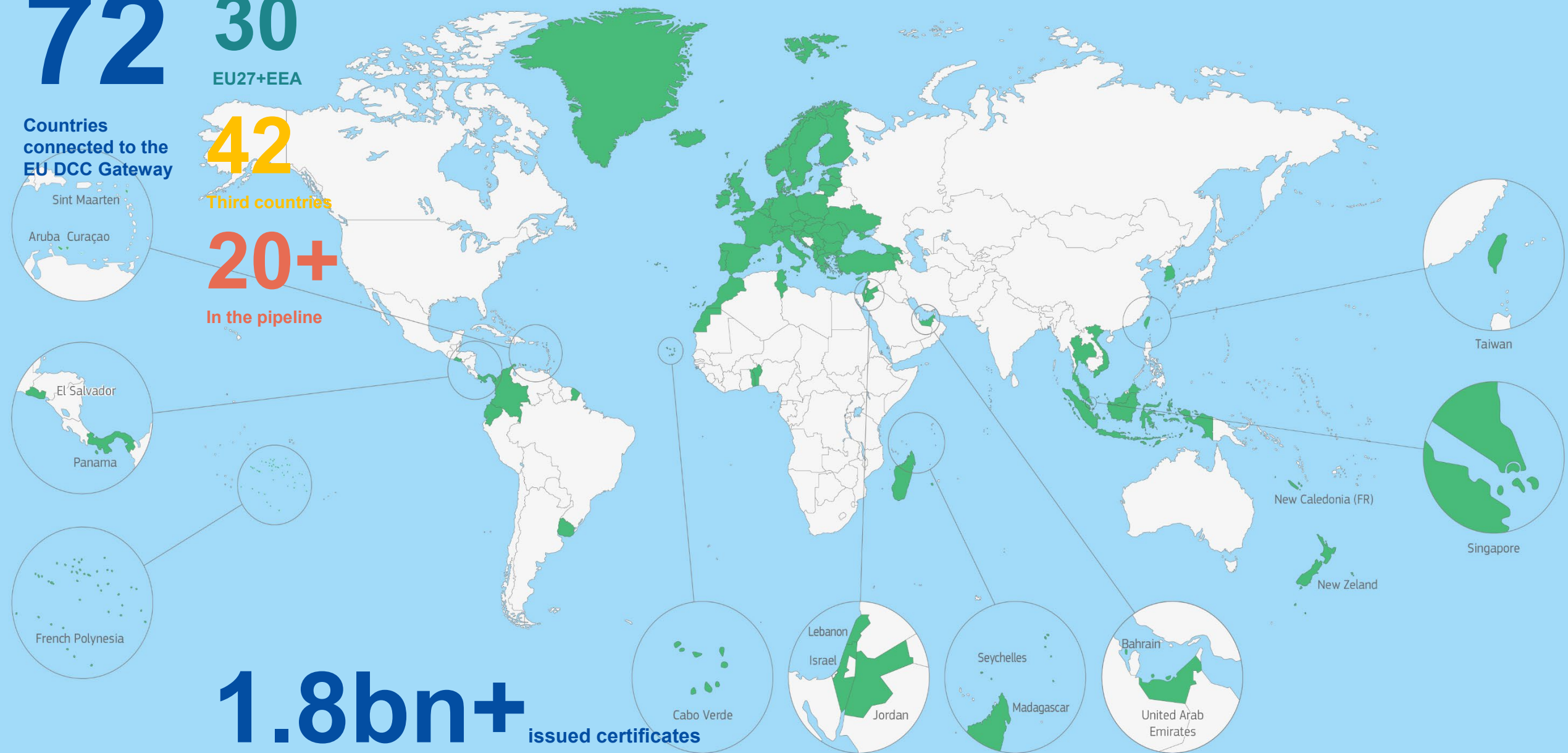
Bahrain

United Arab  
Emirates

Cabo Verde

1.8bn+

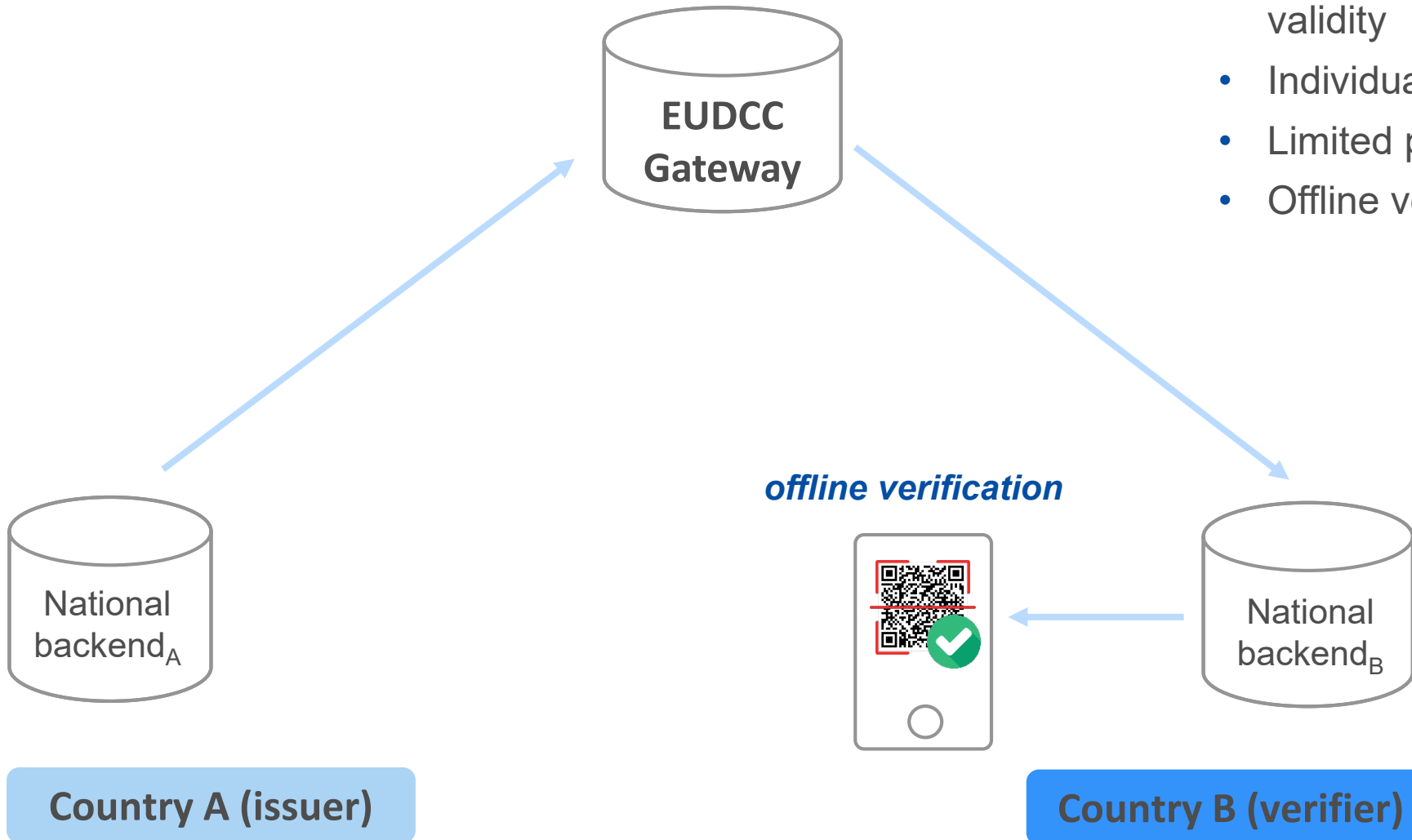
issued certificates



# Countries/territories connected to the EU DCC Gateway

- Albania
- Andorra
- Armenia
- Austria
- Bahrain
- Belgium
- Benin
- Bulgaria
- Cabo Verde
- Colombia
- Croatia
- Cyprus
- Czech Republic
- Denmark
- Ecuador
- El Salvador
- Estonia
- Faroe Islands
- Finland
- France
- Georgia
- Germany
- Greece
- Hungary
- Iceland
- Indonesia
- Ireland
- Israel
- Italy
- Jordan
- Korea
- Kosovo
- Latvia
- Lebanon
- Liechtenstein
- Lithuania
- Luxembourg
- Madagascar
- Malaysia
- Malta
- Moldova
- Monaco
- Montenegro
- Morocco
- Netherlands
- New Zealand
- North Macedonia
- Norway
- Panama
- Poland
- Portugal
- Romania
- San Marino
- Serbia
- Seychelles
- Singapore
- Slovakia
- Slovenia
- Spain
- Sweden
- Switzerland
- Taiwan
- Thailand
- Tunisia
- Togo
- Türkiye
- Ukraine
- United Arab Emirates
- United Kingdom and the Crown Dependencies
- Uruguay
- Vietnam
- The Vatican

# Architecture



## Features:

- Digital signature
- Public key infrastructure
- Verification of authenticity, integrity and validity
- Individual certificate revocation mechanism
- Limited personal data
- Offline verification

# The EU DCC ecosystem

- Technical **specifications** (QR codes, common datasets, validation rules, coding system, trust management, public key certificate governance, etc)
- Reference **implementations** (issuer, wallet, verifier templates)
- **Guidelines** on the use and validation of EUDCCs in airline, traveller and online booking scenarios

# Same set of specs, giving flexibility to implement specific health policies



- **Verification** of authenticity integrity and **validity** is at the core of the EU DCC and the basis of acceptance

- Safe free movement (legal basis of EUDCCC) → in line with individual MS healthcare policies

- EU DCC principles at play:

 Flexibility

 Actionability

- Requires **common data set** that can be verified and interpreted in the same way

# What is an equivalence decision?

- An EU-wide, legally-binding recognition of third country certificates:
  - whose standards and specifications reflect the trust framework for the EU DCC
  - that allow for the **verification** of the authenticity, validity and integrity of the certificate and
    - which contain the **same data** as set out in the Annex to the Regulation
- Facilitates safe travel to the EU, but also gives access to national / domestic venues, events, services
- A simple, robust onboarding system guaranteeing trust – public keys/signing certificates by third countries in the Gateway - available to all countries connected



# Thank you



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