

ICAO 

2024 **TRIP**  
ICAO  
SYMPOSIUM

MONTRÉAL , CANADA | NOVEMBER 13-15



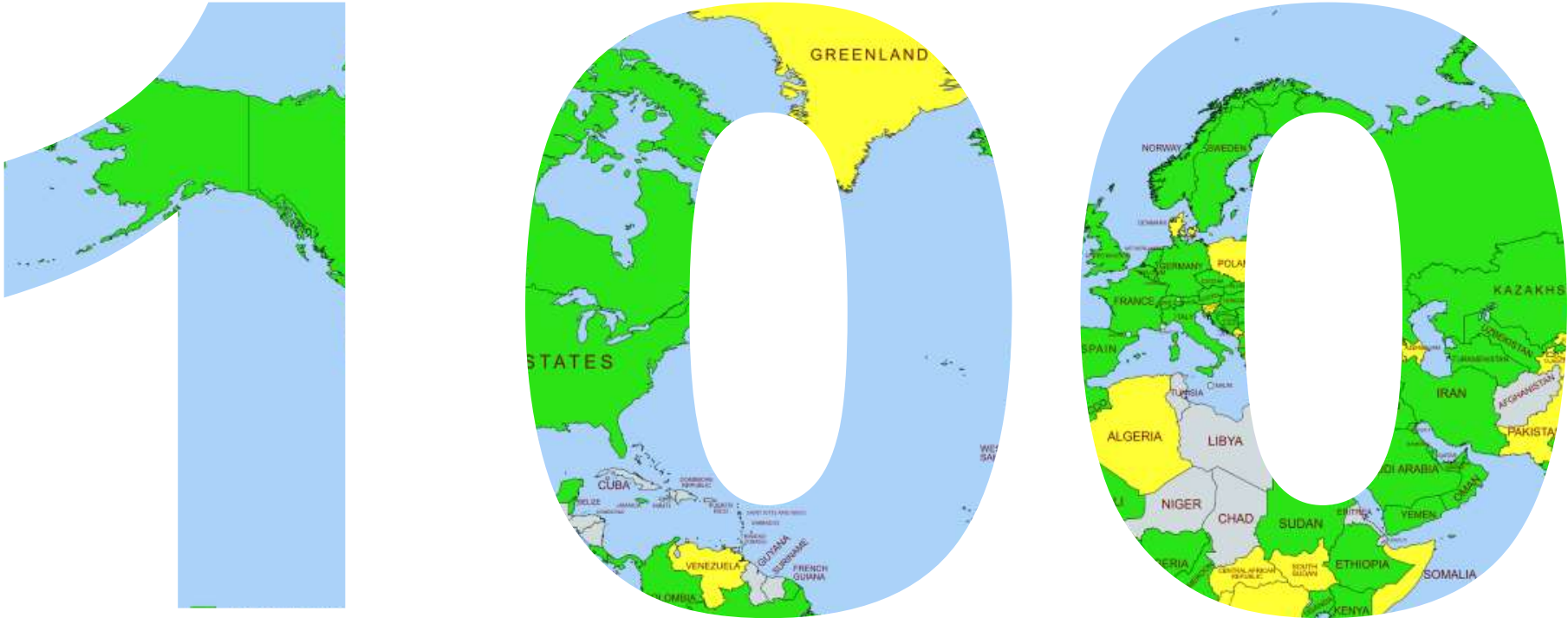
# Updates on the ICAO PKD Perspectives for the Future

---

Mr. Cor de Jonge

Ministry of Justice, Kingdom of the Netherlands  
Chairperson, ICAO PKD Board

# PKD Programme Growth



# 100 PKD participants – an auspicious milestone

Past achievement, future development



Continued participation growth reflects growing interest in and use of the system

In 2024, we welcomed Yemen, SADC, Chile, Saint Kitts and Nevis, Albania and Ethiopia



Increased participation means that there is more data shared in the system

=> This growth over the past 17 years builds a more comprehensive and better resource for all



Increased participation means financial impediments to development are reduced. We can build more agile and responsive systems that can be adapted to future developments.

# A growing system

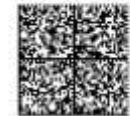


## DIGITAL TRAVEL AUTHORIZATION notification of decision

AUTHORIZATION APPROVED	
Name	ANNA MARIA ERIKSSON
Passport Number	L8988901C
Date of Birth	11 March 1952
Nationality	United States of America
Sex	Female
DTA Number	123889546
Issuing Country	Utopia
Place of issue	Peacetown
Valid from (date)	10 December 2020
Valid until (date)	10 December 2025
Duration of Stay	5 years
Number of entries	Multiple
Type/class/category	Tourist
Additional information	Employment Prohibited

You have successfully submitted payment for the application listed above. A request by the cardholder to the bank or your payment service for a refund of fees will result in an automatic denial of the application.

**Download and print out this form and retain throughout your travel.**



# New services added in recent years to extend capabilities

## The ICAO MasterList



All Root of Trust (CSCA) public key certificates from PKD participants.

The only global source based on diplomatic certificate exchange.

Capability to verify all ICAO digital and electronic documents – ePassports, eID, DTC, barcodes...

## Repository of BCSCs

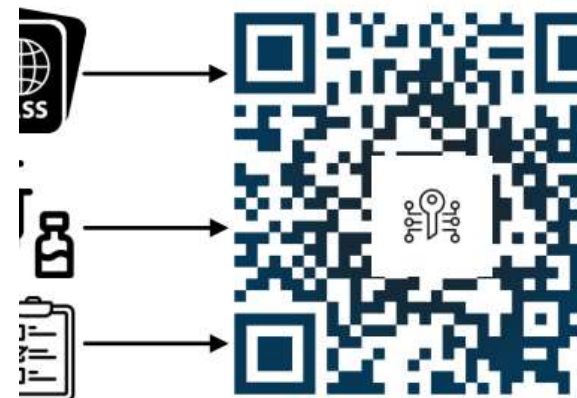


Barcode Signer Certificates associated with ICAO Digitally Signed Barcodes

Complements Document Signers for ePassport, eID and DTC

Capability to verify visas, Digital Travel Authorizations, emergency travel documents and health credentials

## The ICAO Health ML



Root of Trust (CA) public key certificates from global authorities

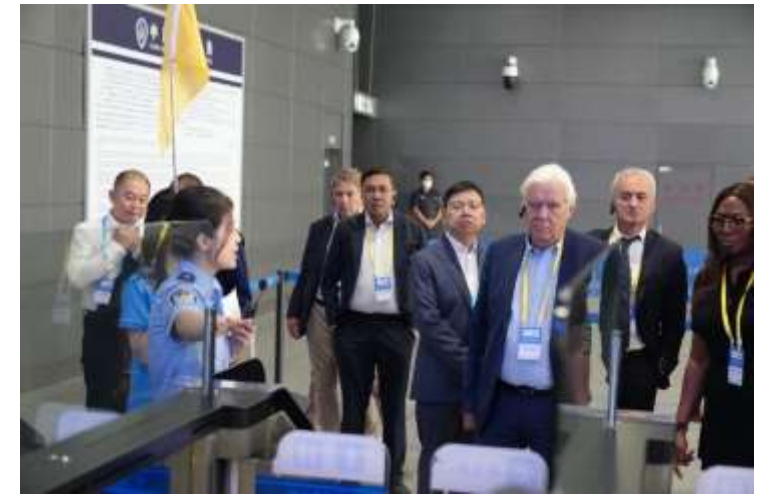
A Global Public Good, administered by the PKD

Capability to verify health credentials issued outside of national PKI systems for ICAO documents (different CA)

# A growing community



Large Annual Collaborative Board Meetings



Site visits and cooperation



PKD Coaching (“Data Quality Coaching”)



---

# ICAO PKD Strategy 2023-2025

A Lot Done, But Still More to Do

---

PKD Board

ICAO PKD in confidence

B-RoP/141

---

## The PKD Strategy 2023-2025

### *1. Executive Summary*

The PKD Strategy is intended to provide a conceptual framework to guide PKD membership decision-making related to current and future investments and activities aimed at setting the course for the PKD's growth over the 2023-25 cycle. The Strategy is comprised of four conceptual pillars intended to organize various current and future activities/initiatives.

The PKD Strategy's four pillars are as follows:

- 1. Build the offering in terms of content and service, while enhancing ease of Use;*
- 2. Ensure that the PKD can support future development of globally interoperable solutions;*
- 3. Ensuring proper use of the PKD by all participants in a complete and timely manner; and*
- 4. Grow participation amongst all who can benefit from the PKD, including governments and private sector entities.*



---

## New ICAO PKD System from 2026

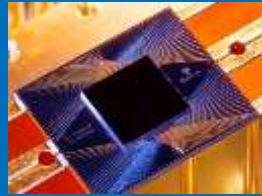
Further Fulfilling Strategic Goals for Advancement

1. Integration of existing services – Migrating the Health Master List to the same platform as the ICAO PKD for travel documents and managing all with the same systems and approach (the HML is currently managed on separate systems)
2. Flexibility for further development – openness technically and financially to flexibly add new data types, sources, purposes and uses (travel, health, wider aviation...?)
3. Improved user offering – addition of intuitive web services for more seamless and convenient use and enhanced reporting, statistical analysis, automation etc.
4. Enhanced provisions for user support from the ICAO Secretariat, the PKD operator and the wider PKD community

# New PKD System

## Handling Challenges

Post-quantum cryptography



Crisis Response



Fragmented IT systems



# New PKD System

## Offering Opportunities

Harmonized governance



Resilient Systems



Consolidated, strategic IT approach





## The path ahead

---

### Harnessing the PKD to manage the future

- If your State hasn't done so already, JOIN the PKD
- For all – ensure active use of the system NOW to ensure readiness for what is to come
  - Take advantage of the community support now offered as necessary
  - Be an active community member to ensure everyone's active use

Be ready for:

- ➔ Facilitation based on new formats such as DTCs, eVisas etc.
- ➔ Resilience and readiness for future challenges
- ➔ Strategic capabilities to advance facilitation based on globally-interoperable technologies

---

# Thank You

