

ICAO Facilitation Regional Forum

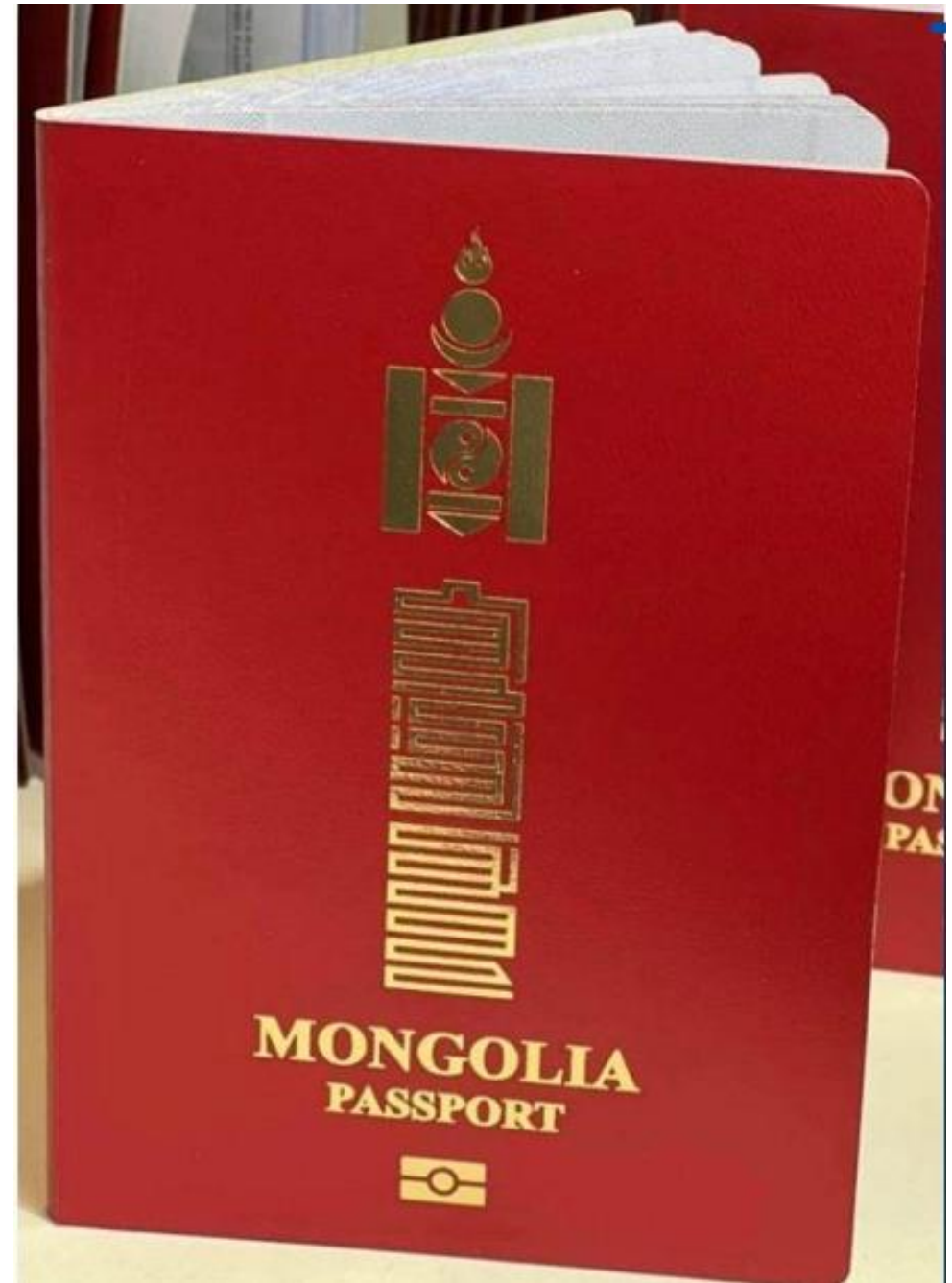
Ulaanbaatar, Mongolia
7 to 8 July 2025

Hosted by:



Content

1. Project, history and key milestones
2. Current Situation
3. Lessons learned, friendship drink and lamb



Project main purpose



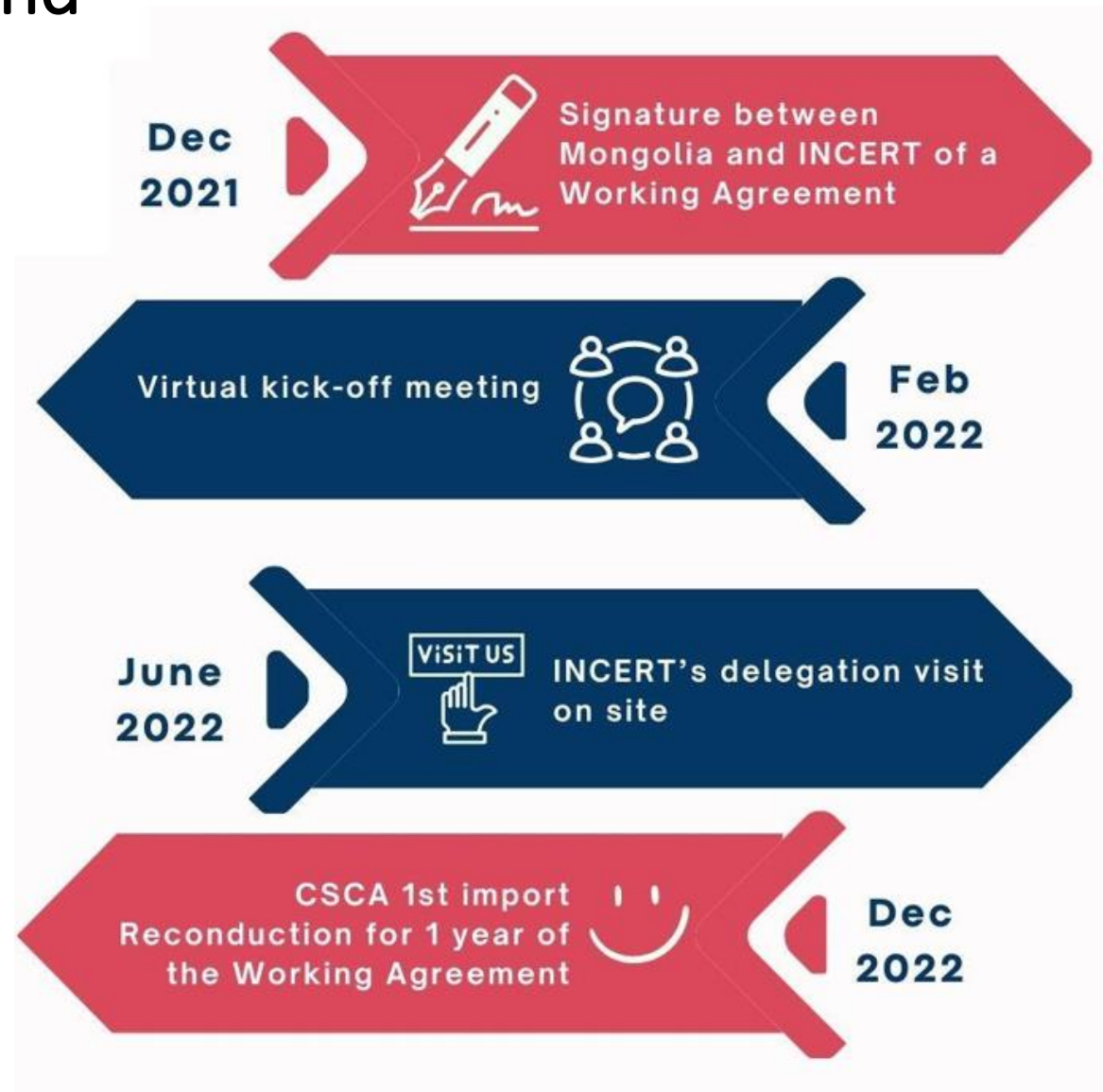
The Data Quality Coach program for ICAO PKD has been established by the ICAO PKD Board with the aim to provide assistance to countries willing to become active PKD members.

What does “becoming an active PKD member” mean in practice?

1. Successfully importing on-site the Country Signing Authority (CSCA) certificate within the ICAO PKD system; and
2. Being able to regularly upload to the ICAO PKD system the other certificates and lists associated to the concerned CSCA



Projet history and milestones



FAL Regional Forum

DECEMBER 2022

The image shows the national flag of Mongolia waving on a flagpole against a blue sky with scattered white clouds. The flag features a red field with a blue vertical stripe in the center, and a yellow sun emblem on the left side.

Reconduction for 1 year of the Working Agreement

MARCH 2023

MONGOLIA
PASSPORT

The image shows the front cover of a Mongolian passport. It has a red background. At the top, there is a blue horizontal band with the text "MARCH 2023" in white. Below this, the word "MONGOLIA" is written in large, bold, yellow capital letters, and "PASSPORT" is written in smaller, bold, yellow capital letters below it. At the bottom center, there is a small yellow rectangular emblem featuring a black circle with a white dot in the center, resembling a stylized sun or a traditional Mongolian symbol.

Consistent upload of ML, DS and CRL to ICAO PKD since.

AUGUST 2023



5

Lessons learned

Diversity of coach role

In this case, it is necessary to develop **vodka stamina**. On behalf of the team who participate for the on-site visit, we would like to thank for the warm welcome we received. About the qualities that are fundamental to the success of this type of mission:

- Providing to Minister(s) **high-level benefits** from being a member of ICAO PKD, and explaining roles and responsibilities in relation to the management of the national PKD.
- Providing governance approach to representatives from public administrations on organizational processes to establish for **managing a national PKD**.
- Assisting IT staff with technical reviews of certificate profiles, the analysis and drafting of **relevant specifications**.

Long run for the coach

Becoming an active member of the ICAO PKD can not be reasonably achievable in 2-3 months.

By accepting the “coach” role we knew that:

- The intended initial scope could **be broader** (PKI, ePassport chip, Biometrics, etc.)
- **Regularity and availability** would be crucial (weekly meetings of 1 hour to discuss progress made and next steps/allocation of extra time to review documentation.
- Estimated time allocated to the project:

20-25 man/days par year

Lessons learned

“Demystify” the roles of the national PKD

A national PKD serves 2 purposes:

- Transmission of cryptographic material (certificates and lists) used by a country when **electronically signing** ePassports. This material will be then shared through the ICAO PKD with other countries for supporting them in checking the validity of the electronic part of the concerned ePassports.
- Enabling the border control authorities to get the relevant cryptographic material to check eTravel Documents (to assist with ABC gates for example).

The PKD is a key asset of the ePassport ecosystem- but not the first one to establish

Following components need to be established prior to the PKD:

- The PKI used for the electronic signature of the data contained in ePassport chips. There is otherwise no cryptographic material to upload from the national PKD to the ICAO PKD system.
- A national registry with processes strengthening the **evidence of Identity** from citizens. The PKD serves the international recognition of ePassports issued to individuals that are duly identified. This is particularly important for VISA waiver programs.



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Thank You

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Montréal

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