COMING TOGETHER TO DESIGN A COMMON FRAMEWORK FOR SAFE BORDER REOPENING
On July 9th, The Commons Project, The Rockefeller Foundation and The World Economic Forum...

https://www.youtube.com/watch?v=57IYp_cQEoE
The CommonPass Framework is designed to address one key question for countries:

How can we trust a lab result or vaccination record from another country?
The New York Times

Big Business in Bangladesh: Selling Fake Coronavirus Certificates

A hospital owner was arrested trying to flee in disguise after selling certificates saying that migrant workers were coronavirus-free. Most were never tested.

Lining up outside of a coronavirus testing center in Dhaka, Bangladesh, this month. Mohammad Ponir Hossain/Reuters
Is the lab / vaccination facility accredited / certified?

What kind of lab test / vaccination?
When was it?
What was the result?

Is it the same person?

Do they meet our entry criteria?
Framework Elements

- Registry of accredited / certified lab & vaccination sites
- Common model for making lab & vaccination data accessible using global health data interoperability standards
- Privacy preserving model for linking lab results & vaccination records to travel ID
- Framework for countries to publish health screening entry requirements
- Rules engine for determining compliance with entry requirements
- Tools to embed framework services in 3rd party apps & systems
Apps & services built on CommonPass framework

Individual testing and vaccination

Lab & vaccination results and travel ID shared via HL7 FHIR standard

Registry of trusted lab & vaccination sites

Lab & vaccination records

National / Local Registry

Electronic Medical Record

Personal Health Record

Health screening entry rules

Common Pass Compliance Engine

Yes or no response given (no health information)

Apps & services built on CommonPass framework

Individual cleared to travel / enter
The CommonPass framework leverages **Apple Health** (for iPhones) & **CommonHealth** (for Android) to let users collect, store and share their health data securely.
CommonPass
Passenger Flow

Lab Test prior to departure

Lab results to CommonPass framework

Certification verified prior to boarding

Certification verified on arrival
Random testing
Contact tracing

Countries set entry requirements based on nationality, point of origin, type of testing (e.g. PCR) and timeframe (e.g. 72/96 hours)
Agency: Data, health or otherwise, are entered into the system or shared with others only with explicit, informed consent of the individual.

Data Minimization: The framework requires only the minimum amount of personal data needed for any transaction.

Federation: Personally identifiable health information is stored only at the source or on the user’s phone.

Use: Data within the framework are only stored to the extent necessary and never used for any other purpose.
Key Stakeholders & Roles

**Health Agencies**
- Register accredited / certified labs & vaccine sites in the CommonPass registry.
- Determine health screening entry requirements.

**Border Agencies**
- Publish updated health screening entry criteria using common format.
- Accept health screening status from foreign visitors through the CommonPass Framework.

**Lab & Vaccine**
- Collect patient ID using international standards at time of sample collection / vaccination.
- Make results available via internationally recognized standards (HL7 FHIR, LOINC).

**Travel**
- Integrate CommonPass framework into reservation / check-in / boarding process via API.

**Apps**
- Integrate CommonPass framework services into app / workflow via API.
East Africa Community

First pilot based on CommonPass framework within EAC (August)

EACPass

National Reference Labs

Border Points & Airports
Next Step: Pilot Implementations

- Pilot deployment of framework on selected routes
  - Phase 1: demonstration flight & evaluation
  - Phase 2: commercial flight & evaluation
  - Phase 3: expansion multiple flights on route
  - Phase 4: expansion to additional routes

- Key Stakeholders:
  - Government
    - Health
    - Border
    - Civil Aviation
  - Airports
  - Airlines
  - Lab Test Sites
Key Milestones

July 9th
Kick-off

Refine Framework

Plan EAC pilot

July 23rd
Regional convenings

Pilot EAC Pass
Week of Aug 3
Segment convenings

Launch Pilots with Pioneer Partners
NYC - London

Launch of Global Framework

Secure Pioneer Partner Commitments

Finalize Framework

Late August
Presentation of Finalized Framework

Launch of Global Leadership Summit with heads of government/state

World Economic Forum – Annual Meeting Davos 2021

November

World Economic Forum - Global Technology Governance Summit (Japan)

Hajj

World Economic Forum - Global Technology Governance Summit (Japan)

Tokyo Olympics

Expo 2020 Dubai
Thank You

info@thecommonsproject.org