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NO COUNTRY LEFT BEHIND



IATA's Facilitation Priorities in the region

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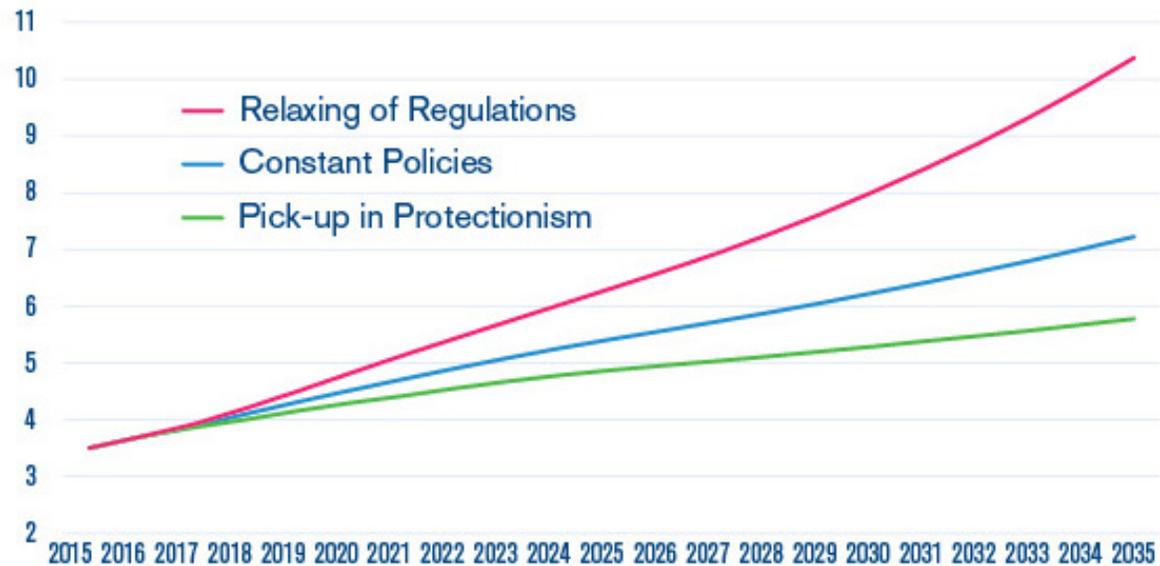
ICAO
TRIP
2017
Passport



Hong Kong ICAO TRIP Regional Seminar

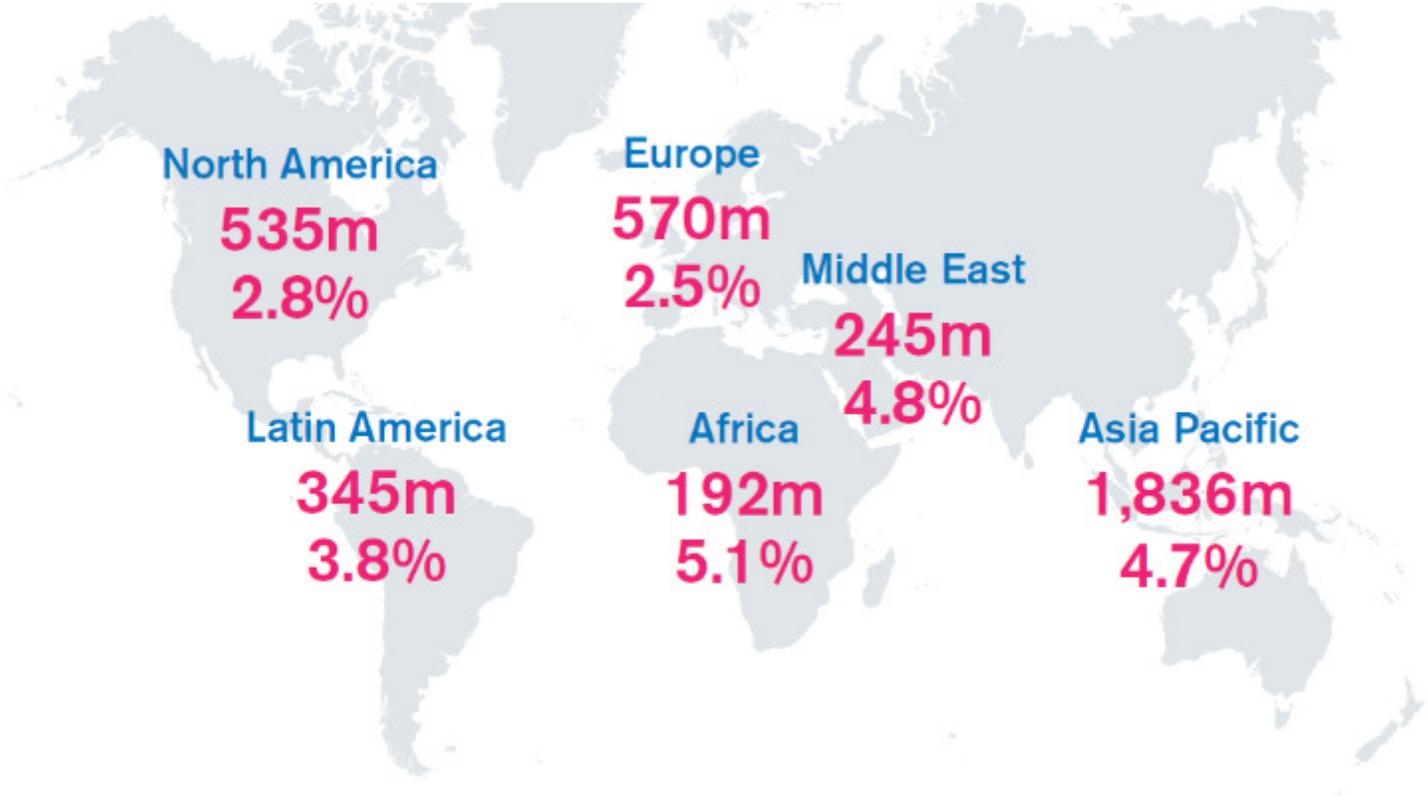
Passenger Traffic 2015-2035

Pax billion (segment basis)

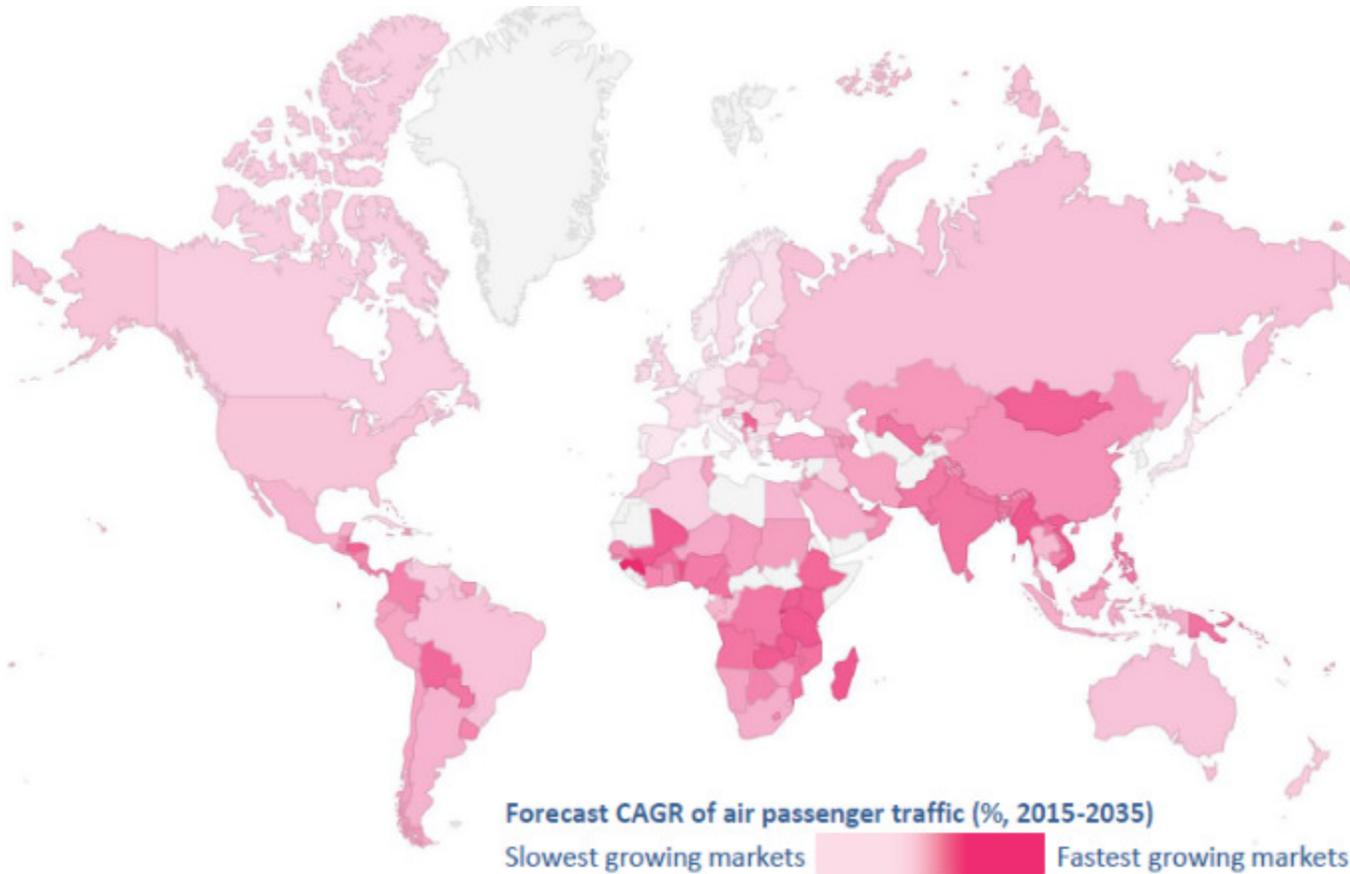


Source: IATA 20-Year Air Passenger Forecast

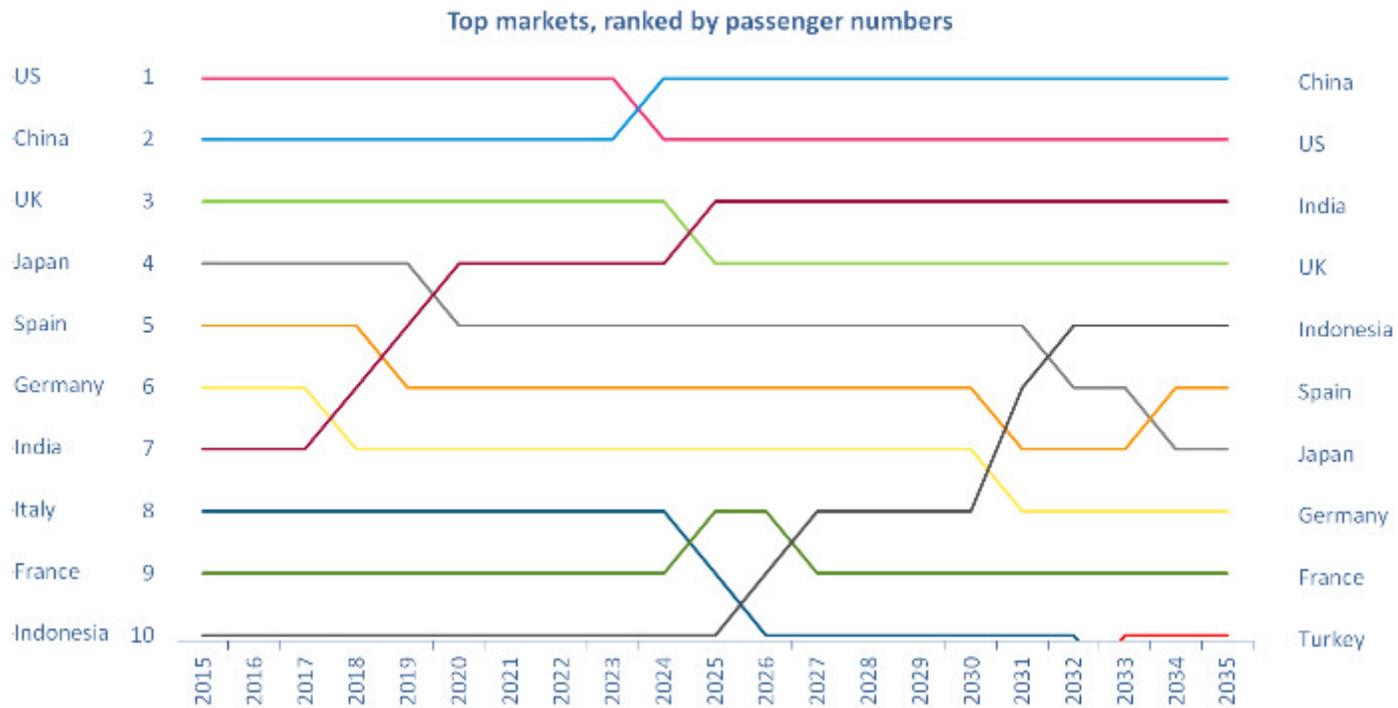
20-year passenger growth outlook (2015-35)



20-year air passenger growth is shifting East & South



Top 10 air passenger markets 2015-35



Go ahead, make use of my data

85% would be happy to provide additional information to speed up process checks required by governments

Data sharing culture





**Streamlining
passenger
process**

Eliminate duplication

Can queues be a thing of the past?

People want to keep moving

Can't do without mobile?

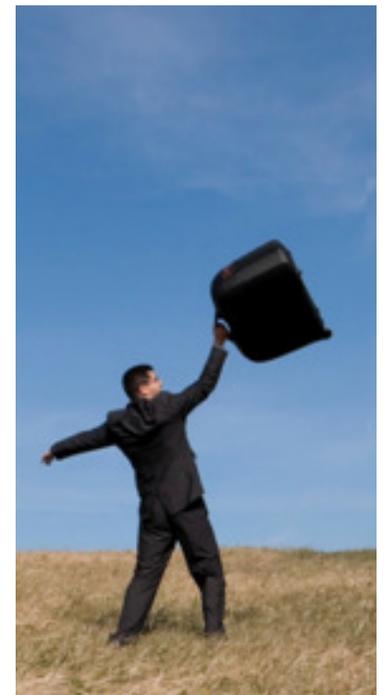
Shift
off-airport

Usage of mobile boarding pass is increasing steadily, currently at **71%**



IATA's priorities are airlines' priorities

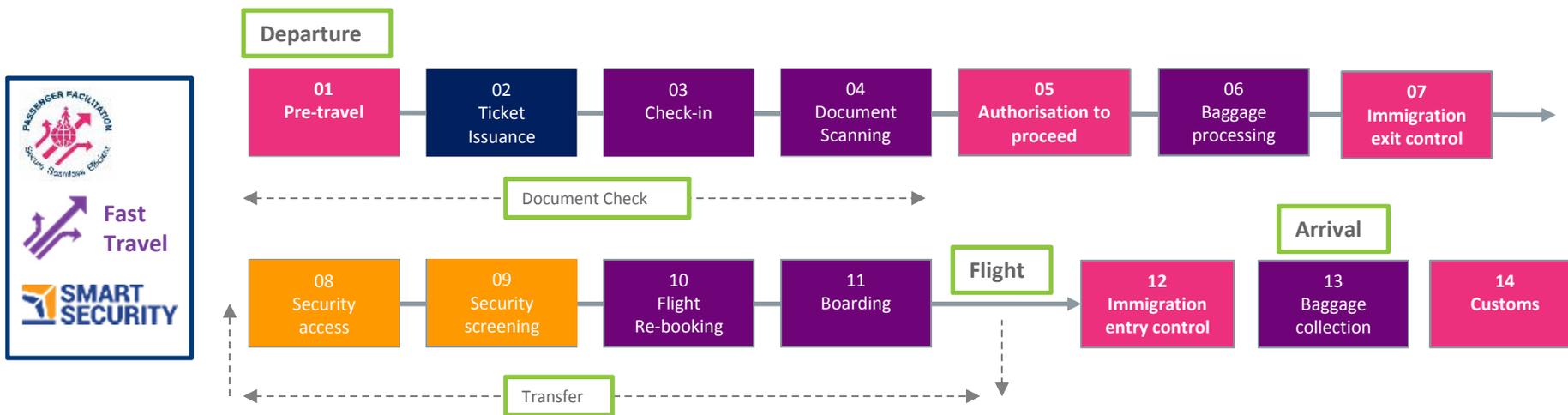
- Keep aviation safe and secure
- Sustain traffic growth / efficiency
- Remove airport bottlenecks / seamless travel
- Ease travel restrictions (e.g. visas)
- Reduce costs of inadmissible passengers





How are we getting there?

- We broke down air travel into 14 steps: some are linked to **border control**





Border Control: IATA priorities

1. Align API-PNR programs with global standards
2. Modernize visa regimes – and link them to iAPI
3. Take part in the End-to-End vision



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Priority no. 1: States API-PNR programs should align with global standards

Advance Passenger Information (API)



Biographical + flight data

Captured at check-in
Usu. **verified** data
(swipe of Machine Readable Zone)

vs.

Passenger Name Records (PNR)

```
*** ELECTRONIC TICKET ***  
F 1.1TEST/HEXAMRS'  
WW6ACWW 25JUL KBR4Z5'  
1 AC 870 M TU 10SEP YULCD  
FONE-'  
1.WW6-T HEXA'  
2.WW6-C 1 111 1231231/PAX'  
3.WW6-A TEST TRAVEL AGENCY A  
N3 CA'  
4.WW6-E SHAILESHD//HEXAWARE.  
TKT-'  
1.1 K25JULWW6WW 014212372911  
AP FAX-'  
1.1 SSRDOCSYYHK1 //11MARB
```

Reservation data

Captured up to **1 year** in advance of travel
Can contain very little data and is **unverified!**
Can contain sensitive personal data (privacy laws)

Legacy (Batch) API



Interactive API (iAPI)



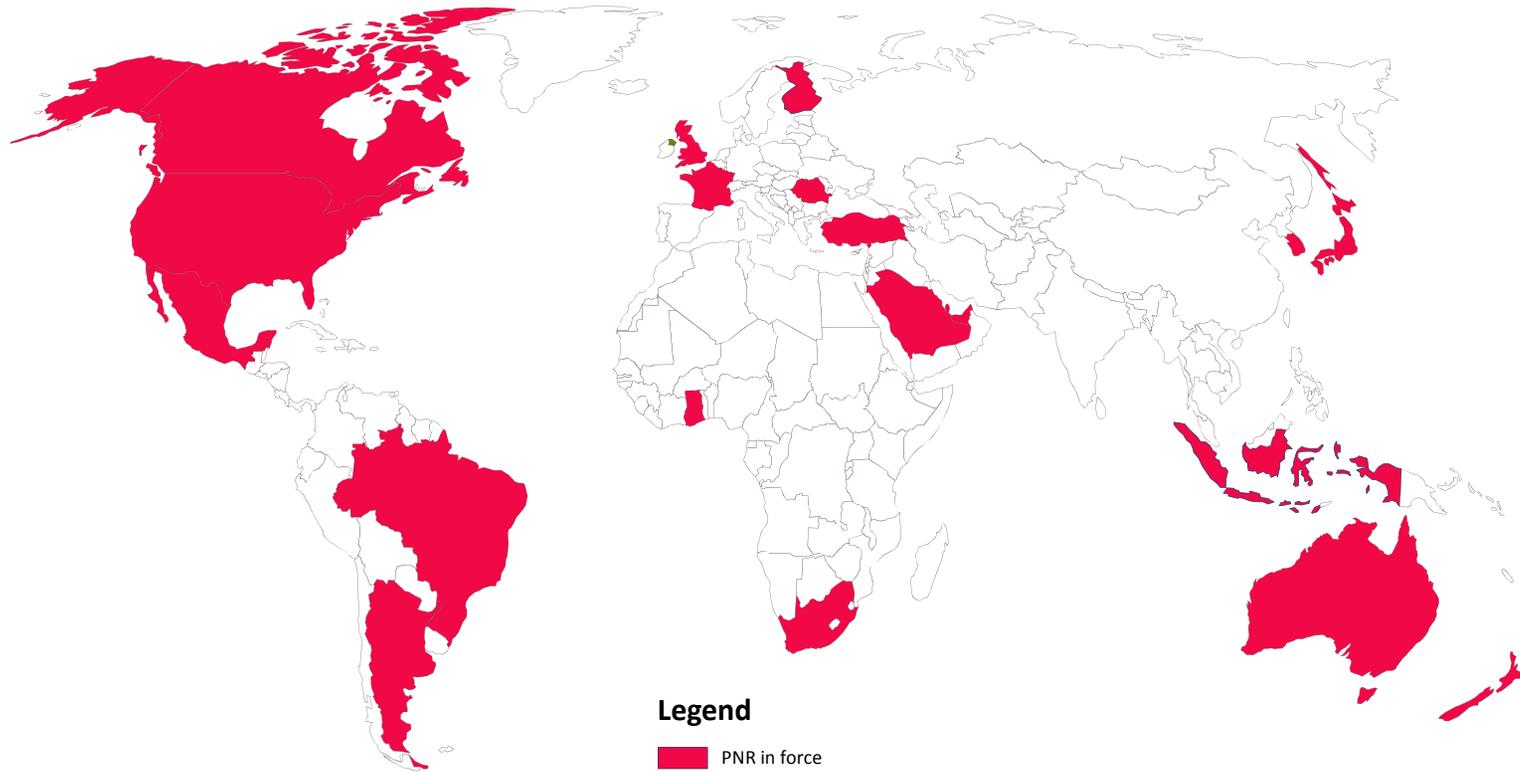
Airlines can assist public authorities by collecting API and transmitting PNR data



But airlines fly to a multitude of countries – this is why standards exist and must be followed:

- UN-EDIFACT PAXLST
- MRZ data only
- Single window

Status of PNR programs (total: 16)





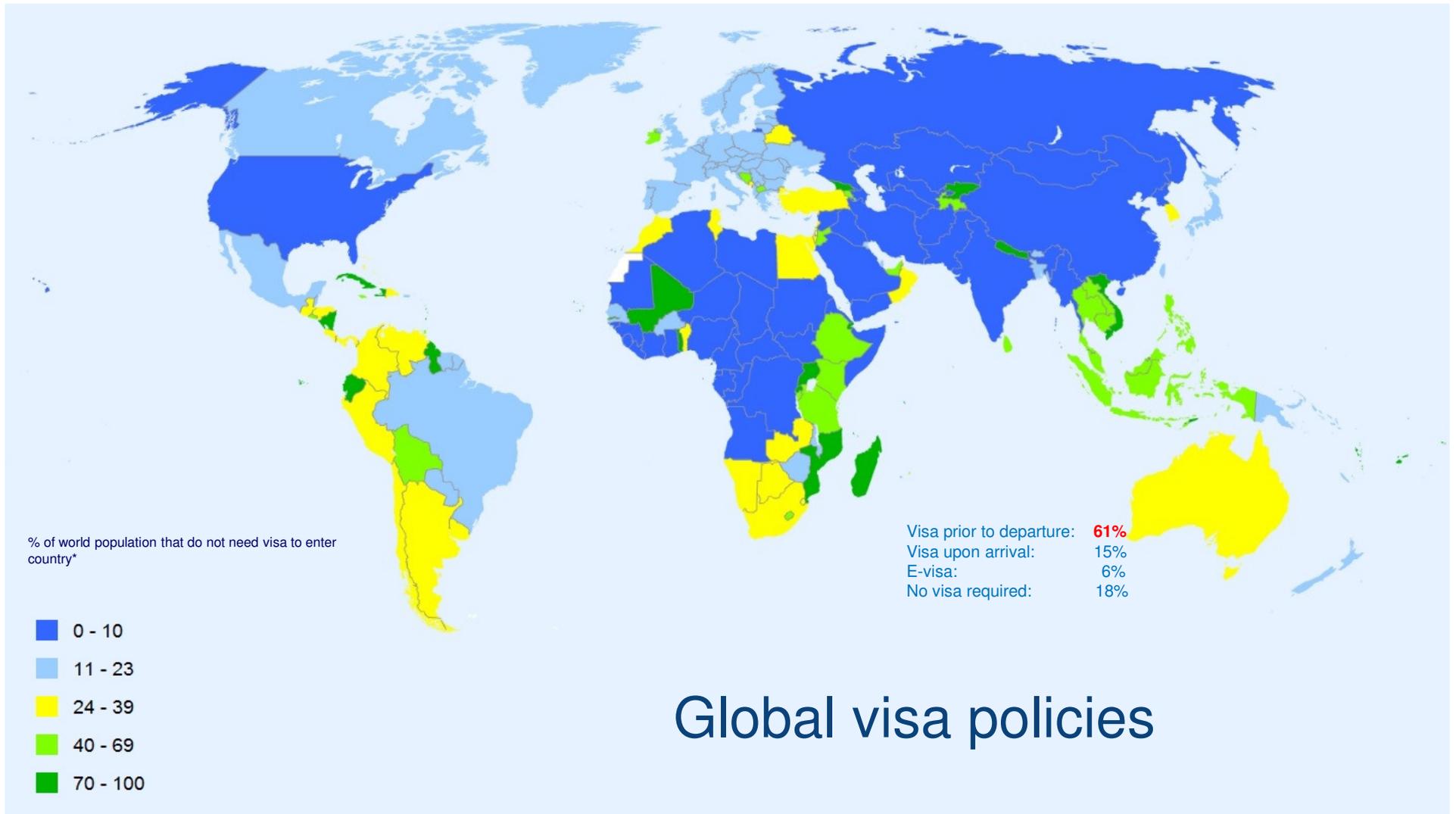
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Priority no. 2: States should modernize their visa regimes – and link these to iAPI





Electronic Travel Systems (ETS) should replace older forms of visas

Traditional Visa



Time consuming pre-travel; deters last minute travel

Visa on Arrival (VoA)



Time consuming at airport; potential for missing docs

eVisa



Must often be printed and presented at origin and destination

Electronic Travel System



Can be integrated to airline interactive boarding pass issuance



An ETS is similar to an e-ticket – it is not a physical document





Annex 9's Amendment 26 includes a new section (Section C) linking ETS and interactive API programs

Definitions:

- ***Electronic Travel Systems (ETS).***
The automated process for the lodgement, acceptance and verification of a passenger's authorization to travel to a State, in lieu of the standard counterfoil paper visa.

9.17 Recommended Practice.— *Contracting States seeking to establish an Electronic Travel System should integrate the pre-travel verification system with an interactive Advance Passenger Information system.*

Note.— *This will allow States to integrate with the airline departure control systems using data messaging standards in accordance with international guidelines in order to provide a real-time response to the aircraft operator to verify the authenticity of a passenger's authorization during check-in.*

The model is Australia's Electronic Travel Authority (ETA)

- All temporary visitors to Australia need one
- ETA is linked electronically to the person's passport
- Travel agents and airlines can apply on behalf of client or check status
- Australia has iAPI program in place called APP



Electronic Travel Authority (Subclass 601)

An Electronic Travel Authority (ETA) Subclass 601 visa is designed for both tourists and those wanting to travel to Australia for the following business purposes:

- Making general business or employment enquiries
- Investigating, negotiating, signing or reviewing business contracts
- Carrying out activities as part of an official government-to-government visit
- Participating in conferences, a trade fair or seminars (as long as the organisers are not paying the visa holder for their participation)

To apply for this visa, the applicant must be the holder of an ETA-eligible passport (this includes most European countries, some Asian countries, Canada and the United States of America). This visa is valid for 12 months and allows up to three months stay each visit.

This visa is usually processing within 24 hours, and the applicant must be outside Australia at the time an application is made.

www.sydney-migration.com.au | www.sydney-migration.de



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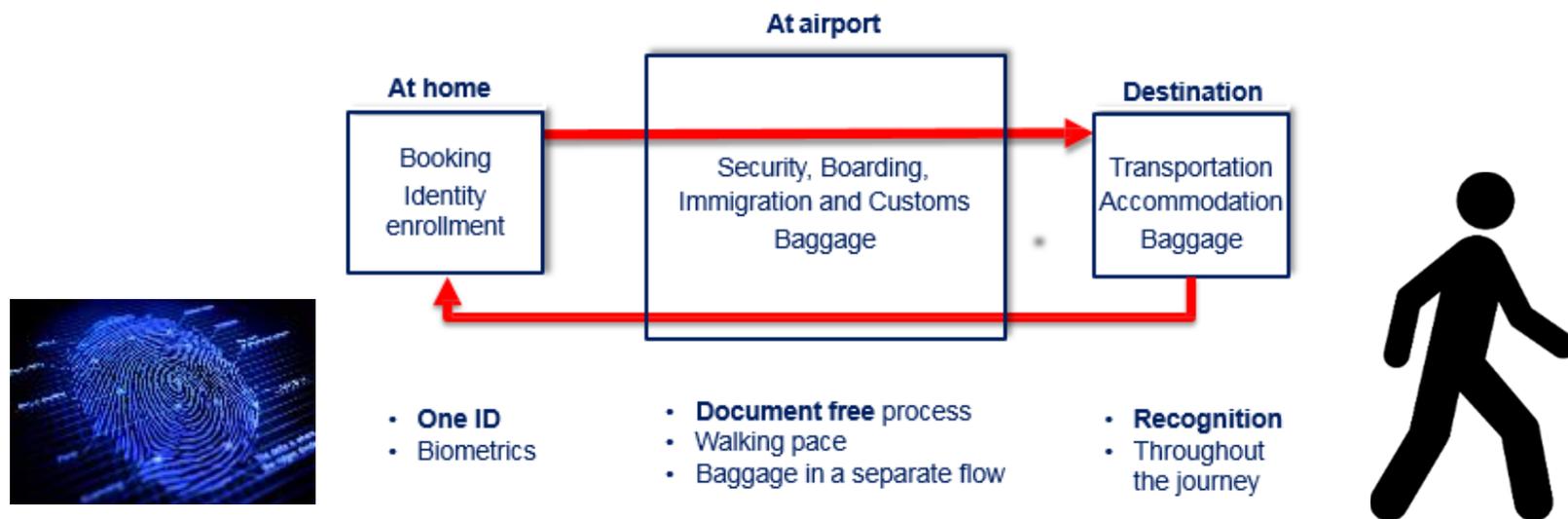
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Priority no. 3: Public authorities should be part of the End-to-End vision

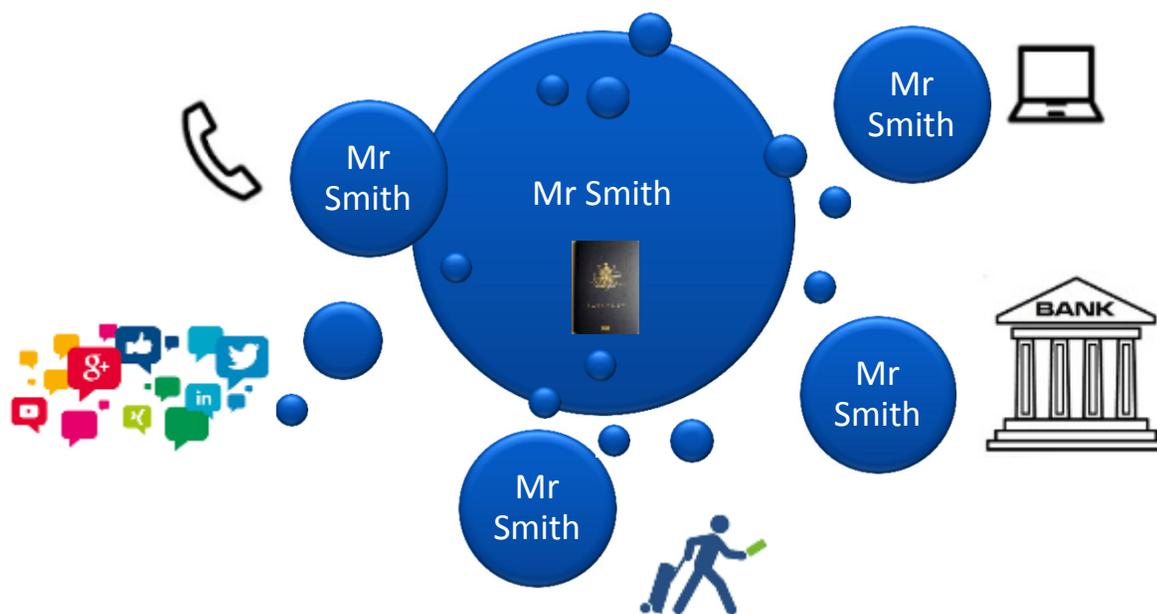


IATA's End-to-End Vision for 2030





Federated approach to assess identity



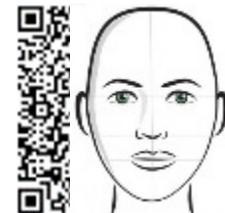


ONE ID –
Identity
Management

A Digital Identity



2 Tokens in 1



Aruba: Happy Flow



Step 1 Enrollment Check

- Passport
- Watch list
- Face
- Reservation

Step 2 Bag drop

- Face is matched
- If ok, bag is labeled and accepted
- If not ok, proceed to agent

Step 3 Automated Border Control

- Face match
- If ok, allow border passage
- If not ok, proceed to border guard

Step 4 Boarding

- Face match
- If ok, boarding
- If not ok, please see agent

Step 5 and 0 Arrivals

- Passport check
- Face match
- If ok, allow border passage
- If not ok, proceed to border guard

India: e-Boarding (using Aadhaar)



Booking



While Booking ticket, PAX enters AADHAAR ID in Form of Identification (FOID) field

Airport Entry Gate



PAX arrives Pre-Checked in with a Boarding Pass

Registration Kiosk



PAX Scans the Boarding Pass



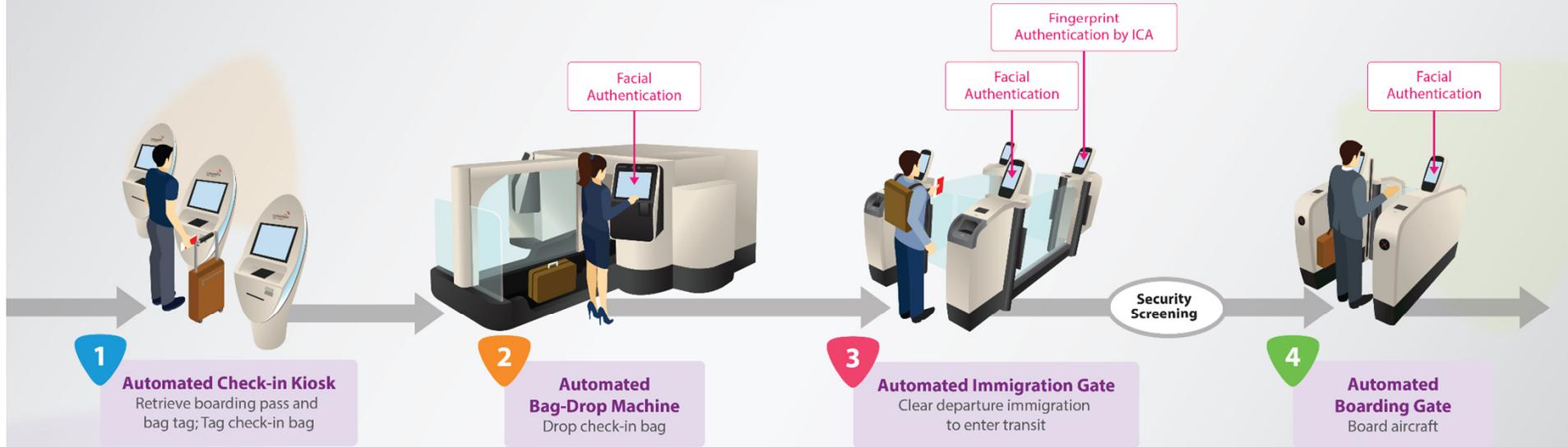
PAX Waves his/her hand on the Finger print Reader

Source: Bangalore International Airport Limited

FAST Departure Journey

Process Flow

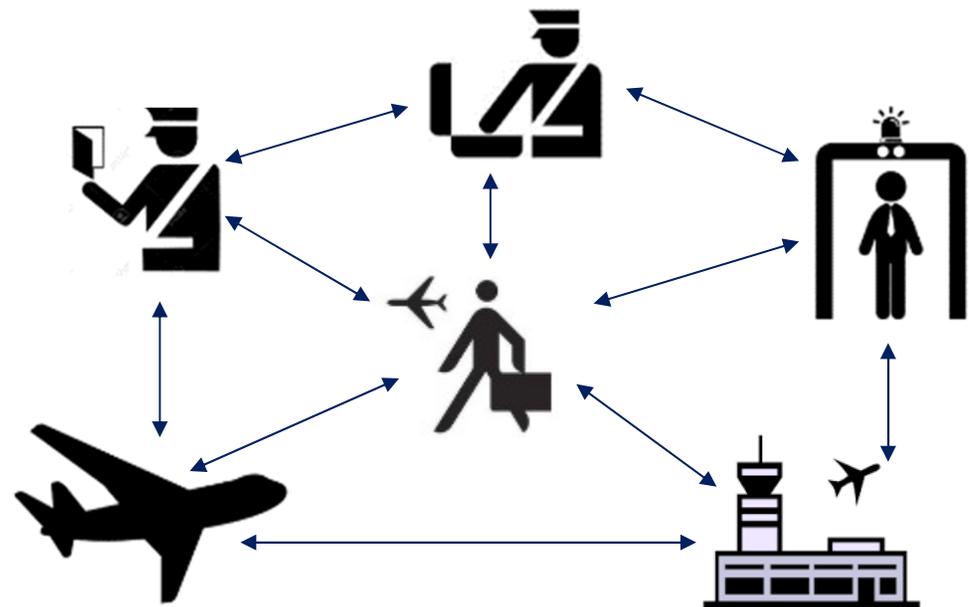
Singapore: use of biometrics



Source: Changi Airport



This requires a **trust framework** and sharing of information between various airport stakeholders



Border Control authorities must be part of this evolution

Manual
Passport
Control



Registered
Traveler
Programs



Automated
Passport
Control



Mobile
Passport
Control



Automated
Border
Control



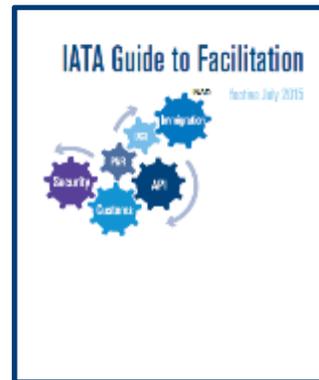


IATA resources



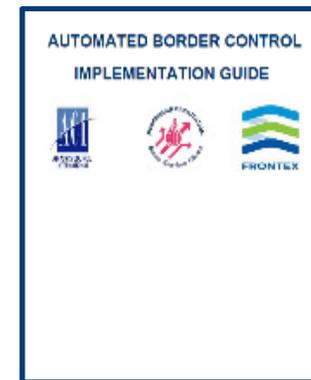
Passenger Data Toolkit

www.iata.org/iata/passenger-data-toolkit/index.html



Guide to Facilitation

www.iata.org/facilitation-guide



Automated Border Control

www.iata.org/whatwedo/passenger/pages/passenger-facilitation.aspx



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Thank you

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