ICAO SECURITY & FACILITATION

IOM/ACBC CAPACITY BUILDING INITIATIVES

Presenter Name

Presenter Title

Location/date

PRESENTATION OUTLINE

1. Introduction: IOM/ICAO MoU

a) IOM - Who we are, why and how we engage in this sector;
b) IOM/ICAO MoU - TRIP Strategy implementation

2. African Capacity Building Centre (ACBC) activities report

a) 2017 snapshot
b) Cooperation with ICAO

3. IOM technical solutions

a) PEPM II - security documents training manual;
b) PEPM II App;
c) Facial recognition;
d) Document Examination Laboratory Manual for the Immigration Environment;
e) Identity management
f) MIDAS, API and e-platforms

4. Next Steps

1. INTRODUCTION

A. WHO WE ARE

- Since 1951, the leading intergovernmental organization in the field of migration
- 166 Member States, approximately 9'000 staff members
- The United Nations' agency for migration
- Budget: approx. 1 billion USD (2017), mainly program/project funded
- Promotion of humane, orderly and safe migration, for the benefit of all

WHY AND HOW WE ENGAGE IN THIS SECTOR

- **Assisting** in meeting the growing operational challenges of migration management
- **Advancing** understanding of migration issues
- **Encouraging** social and economic development through migration
- **Upholding** the human dignity and well-being of migrants.

Border Management: Facilitation & Security

Identity Management: Standard travel and identity documents: production, issuance and verification

B. IOM/ICAO MoU - TRIP STRATEGY IMPLEMENTATION

IOM-ICAO MoU: Nov 2016

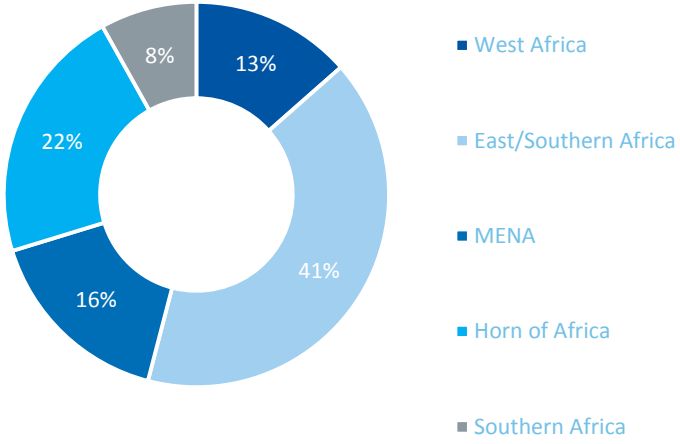
Joint assistance - project development and implementation

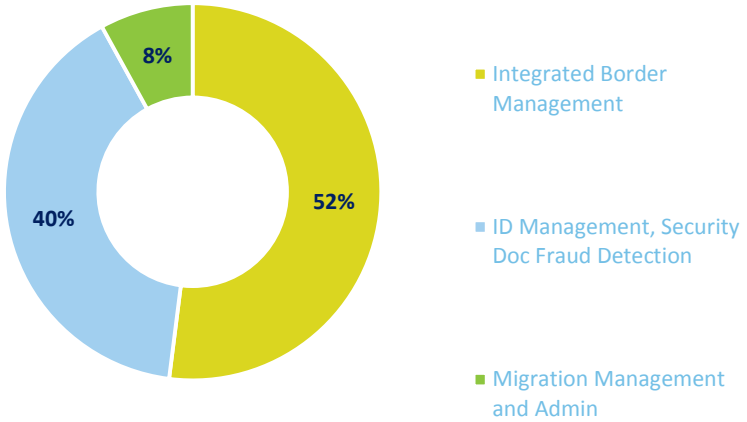
IOM's Strategic directions for supporting successful TRIP implementation:

- Linking ICAO's expertise and guidance materials with IOM's capacity to deliver results in the field
- Reinvigorating current IOM IBM project portfolio with new areas that ICAO TRIP offers
- Using the political momentum of TRIP Strategy to mobilize donors funding

2. AFRICAN CAPACITY BUILDING CENTRE – ACTIVITIES REPORT

A. 2017 SNAPSHOT - 692 IMMIGRATION OFFICIALS TRAINED





SINCE 2009 - 5250 OFFICIALS FROM 51 DIFFERENT AFRICAN STATES TRAINED

B. COOPERATION WITH ICAO

SECURITY DOCUMENTS AND FRAUD DETECTION – ACBC - 31JUL-04AUG17

2 PEPM ToT TRAINEES FROM SUDANE BECAME ICAO QUALIFIED INSTRUCTORS

3. IOM TECHNICAL SOLUTIONS

A. PEPM II - IOM TRAINING MANUAL

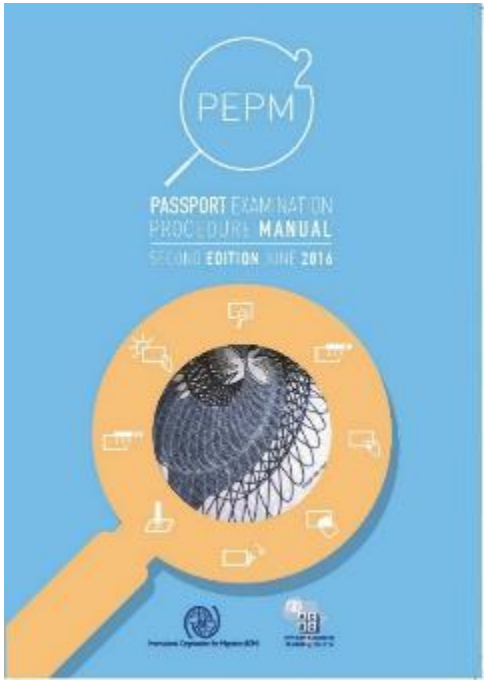
Part 1 - Chapters 1 to 9 - Travel Document Production

Part 2 – Chapters 10 to 12 - Travel document examination

- **Chapter 10 - Assessing the traveler**
- **Chapter 11 - Documents that are not genuine**
- **Chapter 12 - Examining documents for fraud**

Glossary of terms

PEPM II as a living document. Updates by end users, experts, etc



Translations available

- ARABIC
- AZERI
- BURMESE
- FRENCH
- PORTUGUESE
- TURKISH
- UKRAINIAN

E-Version

- ENG/FRE/PRT

PEPM being used as a training manual by:

Tanzania Immigration Academy
Uganda Immigration Academy
Kenya Institute for Migration Studies

SEF SERVIÇO DE ESTRANGEIROS E FRONTEIRAS

Canberra Institute of Technology

Norwegian ID Centre

B. PEPM II App

- On-device computations only
- OCR and Parsing MRZ from ICAO 9303 compliant passports
- Verification of check digits and dates
- QR code reader – ACBC code

MENU

- Glossary of terms - PEPM II
- Links to passport sample database

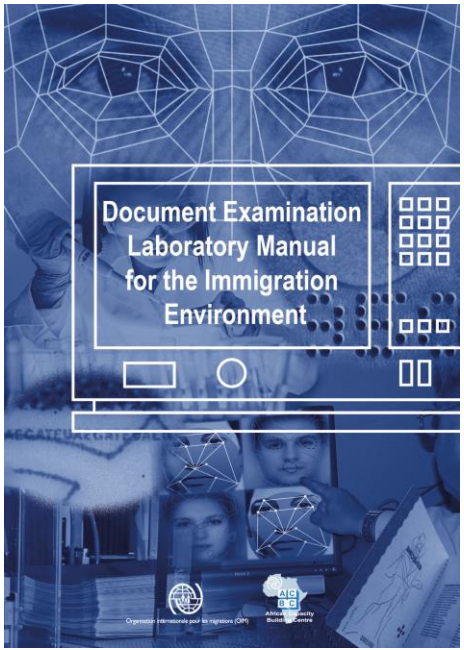
C. FACIAL RECOGNITION

- Holili/Taveta OSBP – AUG16
- Kilimanjaro International Airport – OCT17
- Dar es Salaam Airport – NOV17

Additional requests

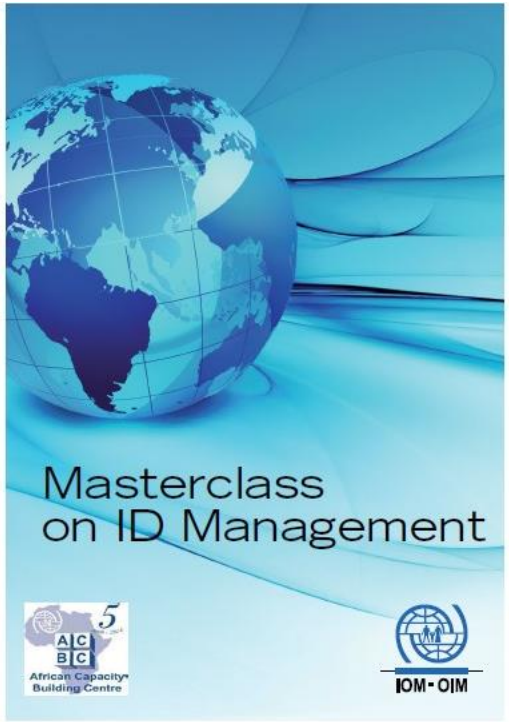
- Zanzibar International airport
- Kilimanjaro International Airport – 2nd device
- Khartoum International Airport – Visa section

D. *D*OCUMENT *E*XAMINATION *L*ABORATORY *M*ANUAL FOR THE *I*MMIGRATION *E*NVIRONMENT - *DELMIE* -



Any operating document examination facility can be effective, provided there is management and maintenance of the available resources.

- The role of management in building a document examination facility;
- Developing meaningful workplace skills, relationships and expertise;
- Laboratory design and operation;
- Maintaining laboratory equipment and resources;
- Document examination reports, alerts and training



E. IDENTITY MANAGEMENT

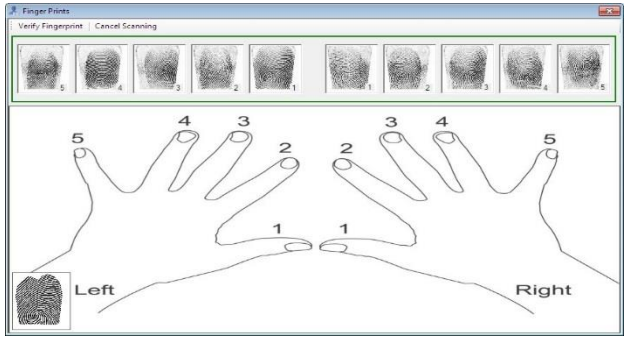
In close cooperation with icID

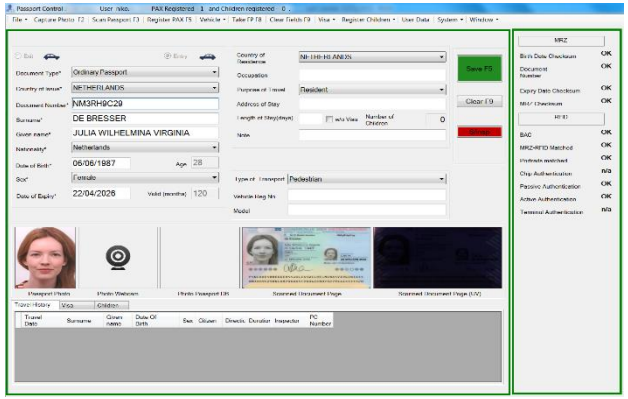
- Introduction to Identity Management
- Identity infrastructure
- Registration
- Documents
- Processes
- Expertise
- Improvement and renewal

F. MIDAS: API and e-platforms integration

MIDAS

MIGRATION INFORMATION AND DATA ANALYSIS SYSTEM





IOM in-house developed BMIS

I. Affordable system to improve border facilitation and security: exit/entry.

II. Collects, processes and stores traveler's information, including biometrics.

III. Suitable for remote areas.

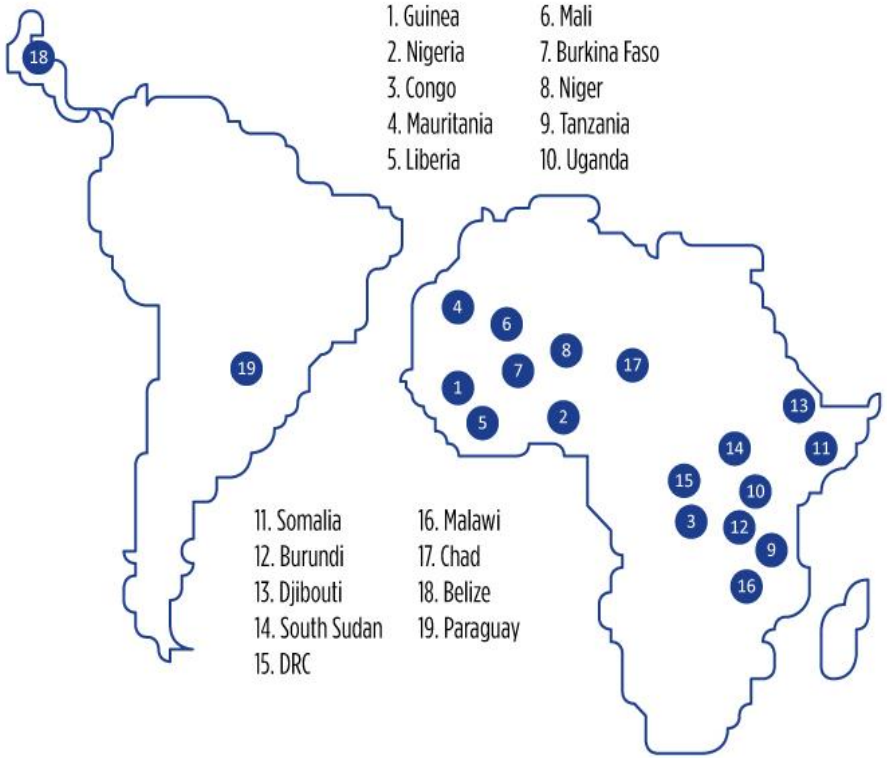
IV. Governments have full and exclusive ownership of MIDAS' recorded traveler data.

V. Operational in **19 countries** (Africa, South and Central America), 125 border crossing points (land, air or sea).

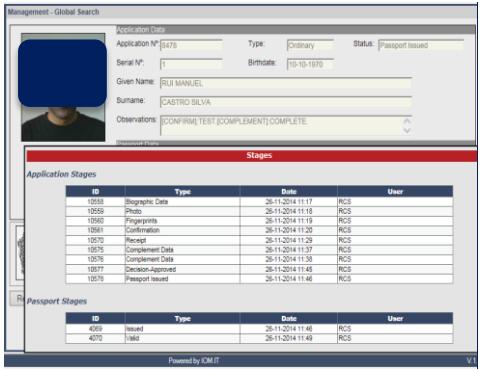
VI. API integration (Belize).

VII. E-visa integration: South Sudan

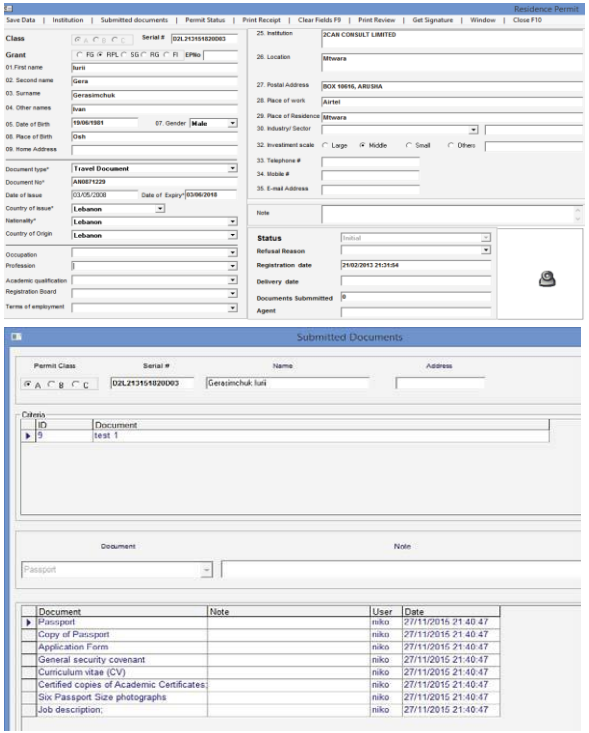
VIII. Customizable and interoperable with e-platforms



E-passport Application

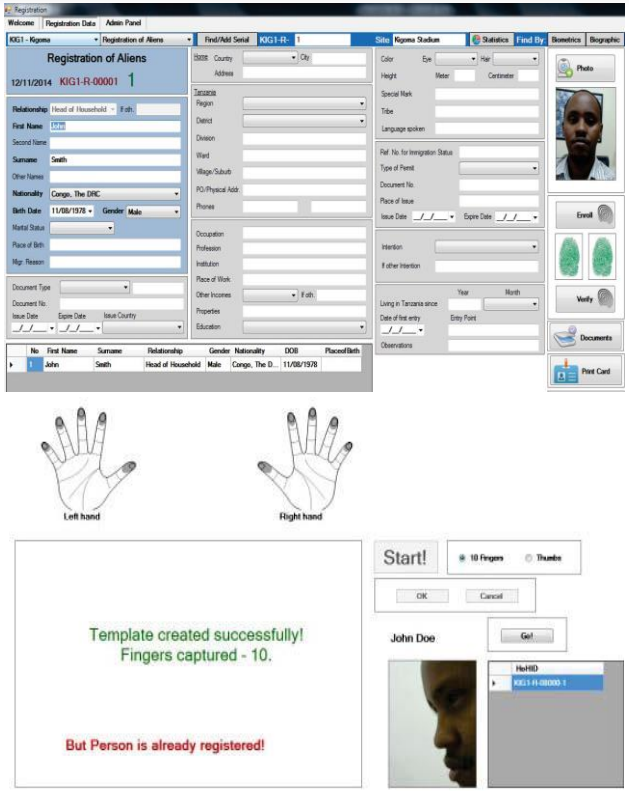


- Web based
- Biometric registration: photo and fingerprints
- Detection of duplications
- Automatic upload of applicants forms
- Manage the life cycle of the document, from the issuance till the end of its validity (Invalid/Lost/Stolen/Expired)
- Check previously registered passport or passport application (biometric validation – face, fingerprints)
- Different level of access: front line to supervisor
- Generate reports



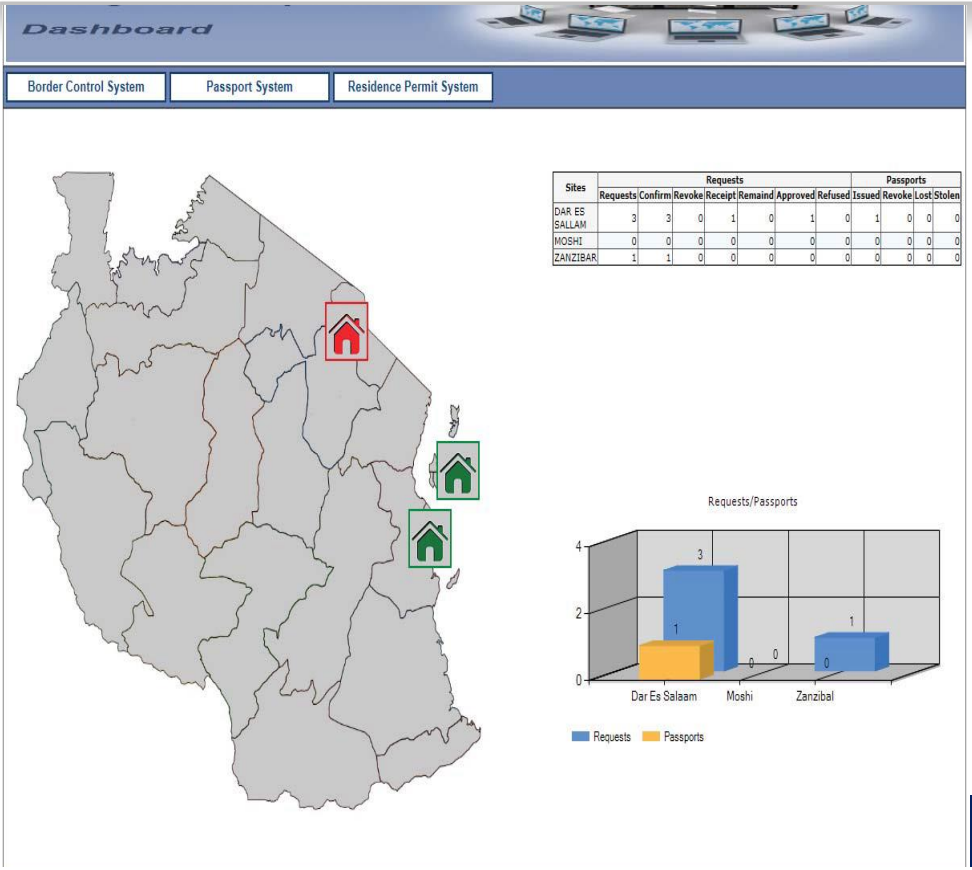
E-Resident Permit Application

- Client/server
- Electronically manage residence permits requests
- Check duplications - Alert hit
- Automatically scans, collect and display applicant data (document reader)
- Different level of access: front line to supervisor
- Print applicant information, reports and statistics
- Connected with national & international databases



E-Registration of Irregular Migrants

- Client/server
- Emergency situations / W TNZ 2014
- Biometrics: fingerprints and face
- Search for duplications – Alert hit
- Generate reports
- Different level of access: front line to supervisor
- Interoperable with a document reader, existent databases and with a card printer



DASHBOARD

The **DASHBOARD** manages the e-platforms by giving users the ability to monitor, ***in real-time***, all the information generated and stored.

Interoperable with existing e-platforms

4. NEXT STEPS

a) API – MS information
b) Data Management and Intelligence Handbook
c) Risk Analysis Handbook
d) Facial Recognition integration (MIDAS)
e) Border Management App's – MRZ and e-MRTD's
f) ID management / EoI
g) International cooperation – MoU's

IOM UN MIGRATION

African Capacity Building Center

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ICAO

North American Central American and Caribbean (NACC) Office
Mexico City

South American (SAM) Office
Lima

ICAO Headquarters
Montréal

Western and Central African (WACAF) Office
Dakar

European and North Atlantic (EUR/NAT) Office
Paris

Middle East (MID) Office
Cairo

Eastern and Southern African (ESAF) Office
Nairobi

Asia and Pacific (APAC) Sub-office
Beijing

Asia and Pacific (APAC) Office
Bangkok

THANK YOU