



# ICAO

## TECHNICAL COOPERATION BUREAU

*Your partner in ensuring global aviation standards*

As part of ICAO, a UN specialized agency, our mission is to support States in implementing international civil aviation Standards and Recommended Practices (SARPs) and policies.



# TABLE OF CONTENTS

01 WHY TCB ?

02 TCB PRODUCTS & SERVICES

03 TCB IMPLEMENTATION

04 TCB PACKAGES



## WHY TCB ?

TCB EXECUTES THE  
TECHNICAL  
COOPERATION  
PROGRAMME OF ICAO, A  
SPECIALIZED AGENCY  
OF THE UNITED NATIONS

WITH OVER 66 YEARS OF  
REWARDING  
PARTNERSHIP WITH  
MEMBER STATES

# TCB

IMPLEMENTED CIVIL  
AVIATION PROJECTS  
WITH AN ACCUMULATED  
VALUE OF OVER  
2 BILLION USD

*Your partner in ensuring  
global aviation standards*

# WHY TCB ?

**FULL SPECTRUM  
OF CIVIL AVIATION**



**UNIQUE  
TECHNICAL  
EXPERTISE**



**MAXIMUM  
FLEXIBILITY AND  
BEST VALUE FOR  
MONEY**





# WHY TCB ?

FULL SPECTRUM  
OF CIVIL AVIATION



## FULL SPECTRUM OF CIVIL AVIATION

TCB provides advice and assistance in the development and implementation of projects covering all areas of civil aviation.





# WHY TCB ?

## UNIQUE TECHNICAL EXPERTISE



## UNIQUE TECHNICAL EXPERTISE

As part of ICAO, TCB guarantees its clients the provision of highest level of technical expertise to help them achieve a safe, efficient, secure, sustainable and environmentally responsible civil aviation sector.

# WHY TCB ?

## MAXIMUM FLEXIBILITY AND BEST VALUE FOR MONEY

TCB offers objective, flexible, neutral and cost-effective services in developing and implementing a full range of project structures.

**MAXIMUM  
FLEXIBILITY AND  
BEST VALUE FOR  
MONEY**







# TCB SERVICES PORTFOLIO

## PROJECT MANAGEMENT

### FROM IDENTIFICATION TO EVALUATION OF TECHNICAL COOPERATION PROJECTS

- Assessment of State's needs and requirements
- Framework Agreements
- Projects Plans

## EXPERTS

### CUSTOMIZED HUMAN RESOURCES SOLUTIONS

- Recruitment and selection of international experts and local personnel
- Contracts and entitlements managements

## PROCUREMENT

### GLOBAL EXPERTISE IN PROCURING GOODS AND SERVICES

- Procurement under the Civil Aviation Purchasing Service (CAPS)
- ICAO's proven history in delivering large-scale equipment procurement projects worldwide

## TRAINING

### COMPREHENSIVE TRAINING SOLUTIONS

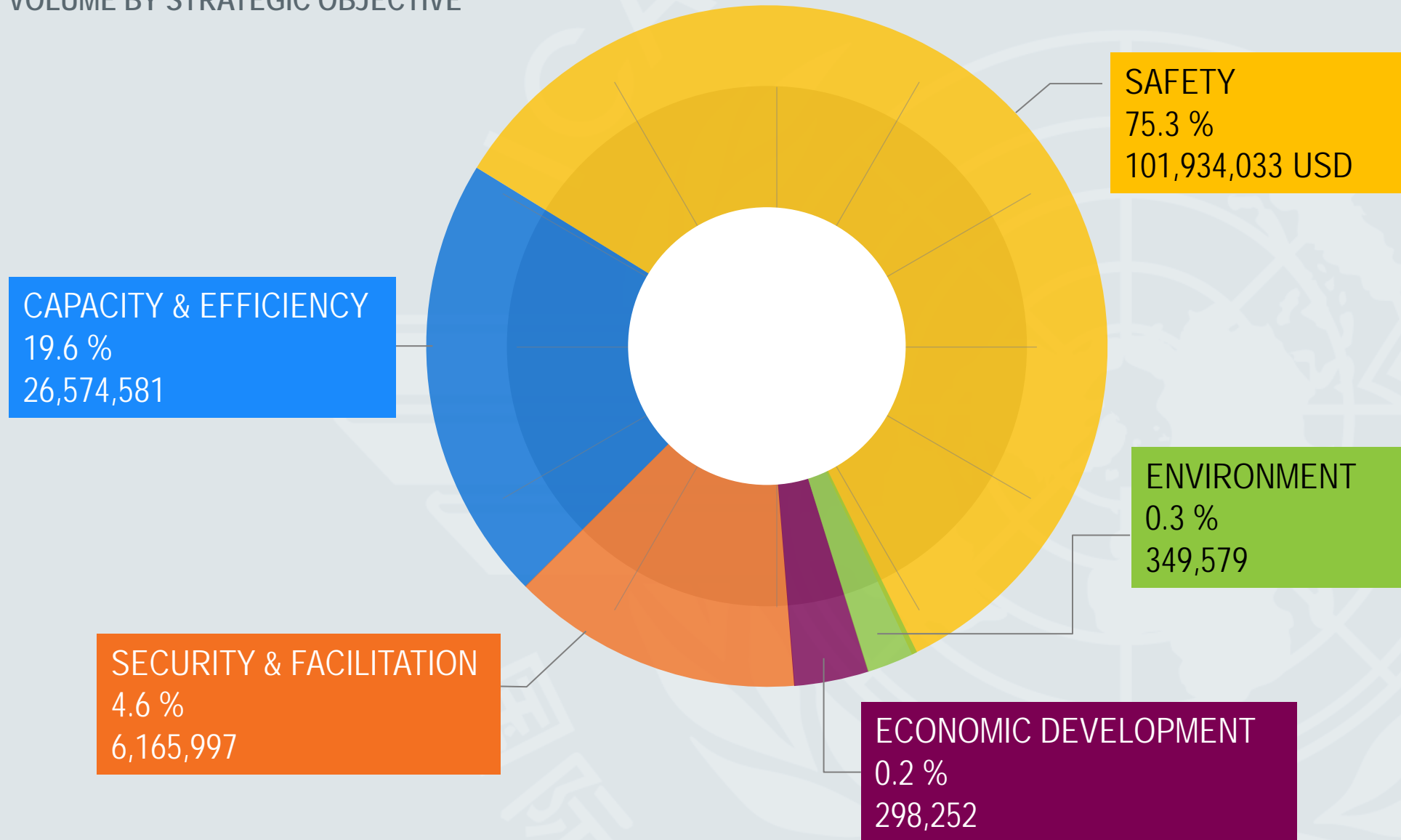
- ICAO's TCB Fellowships Programme
- In-country training
- Equipment training



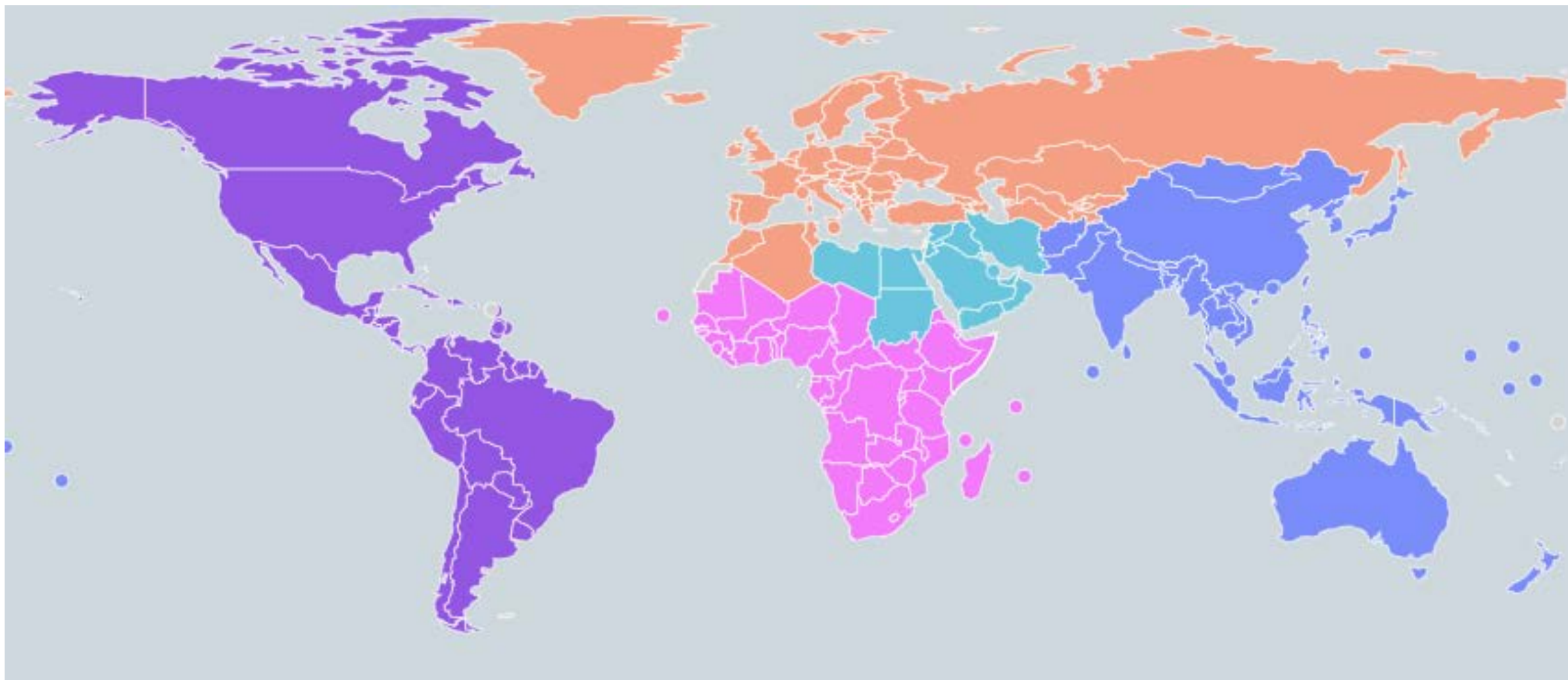
# TCB IMPLEMENTATION

## PROJECT MANAGEMENT

### IMPLEMENTATION VOLUME BY STRATEGIC OBJECTIVE



## Regional Projects – 2017



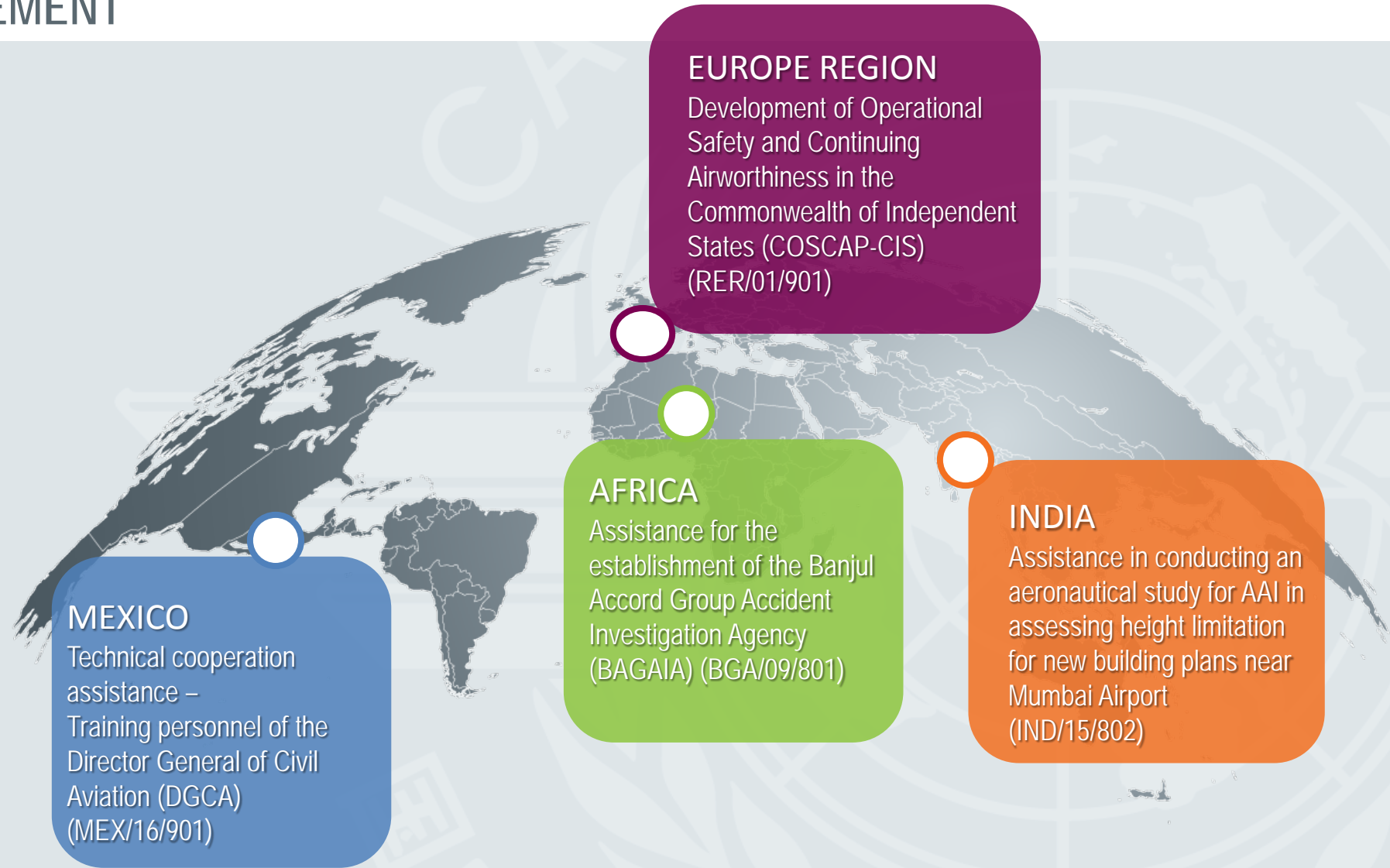


## Bilateral State Projects – 2017



# TCB IMPLEMENTATION

## PROJECT MANAGEMENT





# TCB IMPLEMENTATION

## PROJECTS IN THE REGION

Country	Project	Title
Bahamas	BHS18601	Assistance to the Bahamas CAA in ensuring Legislative compliance.
Cuba	CUB19801 *	Assistance to Cubana Airlines – Evaluation of Fleet Operational Status.
Dominican Republic	DOM19801 *	Assistance to the Airport Department.
Haiti	HAI17801	Mitigation of Significant Safety Concern
Honduras	HON18301 HON19801 *	Assistance to the Honduras CAA Implementation of a Passport Emission System
Mexico	MEX18901 MEX17802	Assistance with training implementation Assistance in Tendering process for the Airport Systems of NAICM.
Regional	RLA09801 RLA06801	

\* Projects in development

# TCB IMPLEMENTATION

## RECRUITMENT OF FIELD EXPERTS

2017



**313 International field experts and consultants recruited**

303 for technical cooperation projects, 5 for technical assistance projects and 5 for IPAV projects



**981 national project personnel all in TCB projects**

1354 serving officials including  
60 international field experts and consultants



---

**1450 experts in civil aviation  
recruited in the last 5 years**

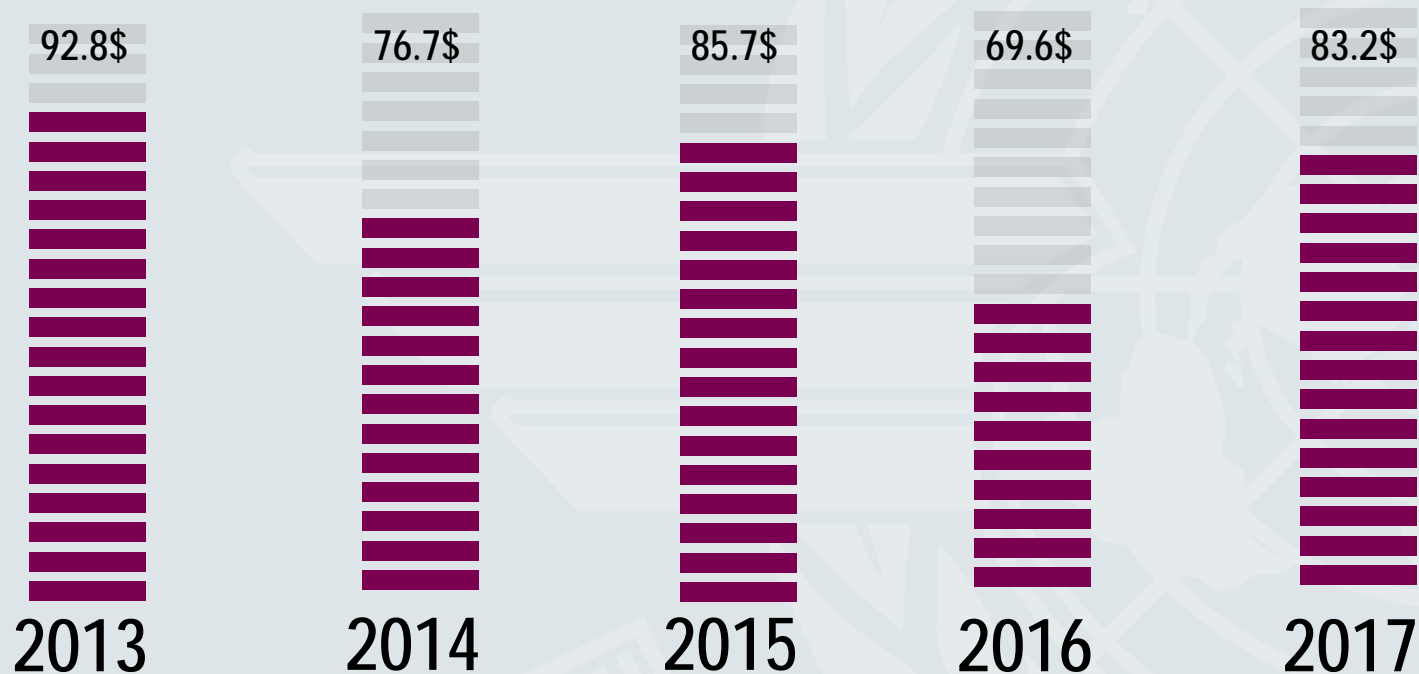
Experts are recruited as:  
*advisers to national civil aviation administrations,*  
*instructors at training centers* or on the job and where States lacked the capabilities,  
*executive personnel* providing governments with operational and administrative services, including safety inspections.



# TCB IMPLEMENTATION

## PROCUREMENT OF EQUIPMENT AND SERVICES

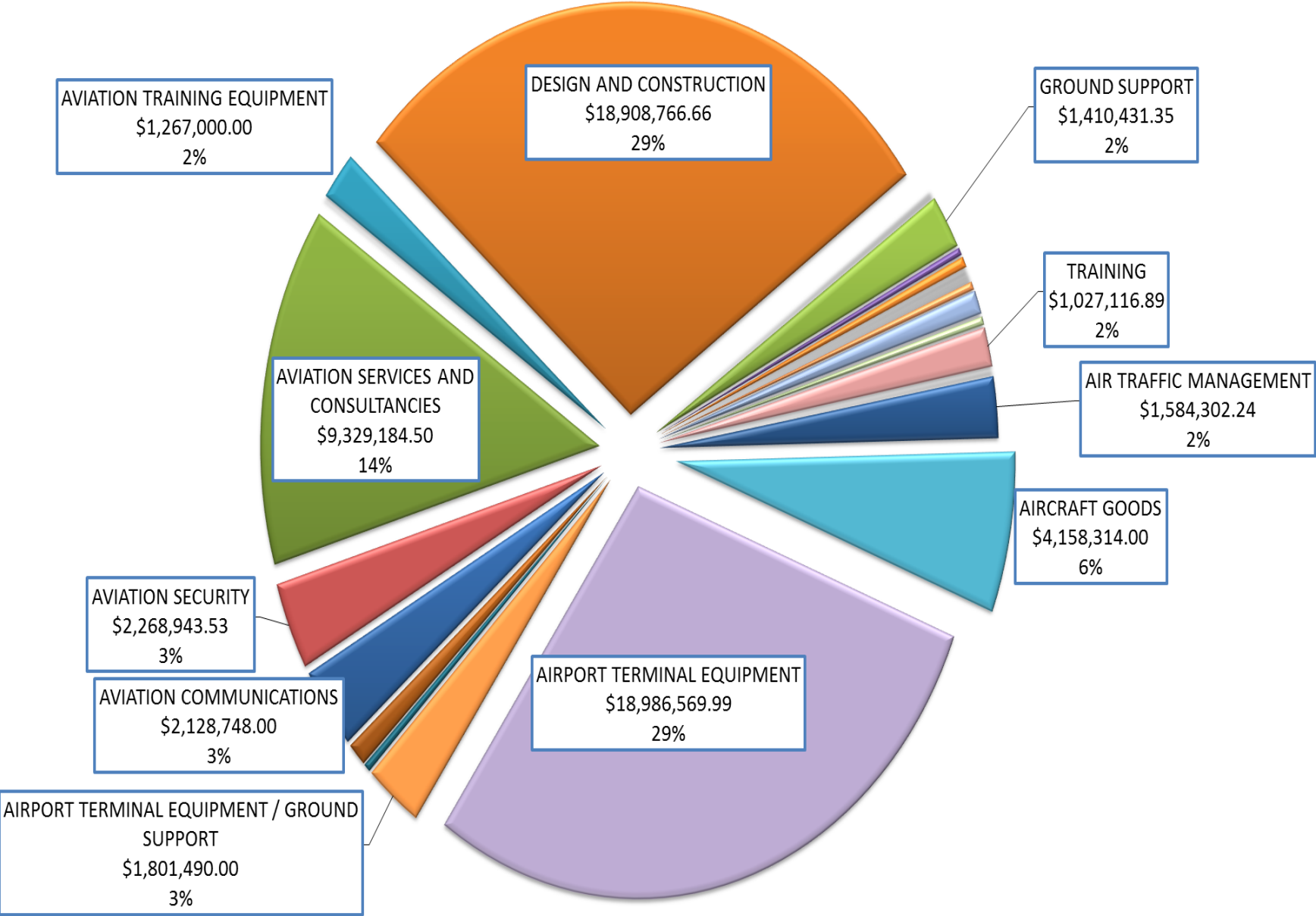
More than **400 M USD** of civil aviation-related equipment and services procured during the last **5 years**



Procurement projects valued at more than **80 M USD** on **2017**



2018 Field Procurement Spend  
per category





# TCB IMPLEMENTATION

## CIVIL AVIATION TRAINING



**7 166** CIVIL AVIATION ADMINISTRATION PERSONNEL



**111** RECEIVED TRAINING WITHIN TECHNICAL ASSISTANCE



**593** TRAINING IN NEW TECHNOLOGIES



**796** FELLOWSHIPS

The training of management, technical and operational personnel was particularly important in terms of improving **State oversight capabilities**. According to information provided by Member States, personnel trained through the Technical Cooperation Programme are progressively absorbed by *civil aviation administrations*, which greatly benefit from the training and retention of a workforce of *qualified aviation safety and security personnel, including inspectors*.

# TCB PACKAGES

## TCB PACKAGES

### TURN-KEY SOLUTIONS

- COMPLIANCE
- QUALITY
- INTEGRATION

CIVIL AVIATION MASTER PLANNING	TRAVELLER IDENTIFICATION PROGRAMME	AIRPORTS	PLANNING	AIR NAVIGATION	PROCUREMENT
<ul style="list-style-type: none"><li>• Articulation of aviation master planning with other sectors</li><li>• Alignment of policies and long term national strategies with regional targets</li><li>• Resource mobilization support and allocation of funds</li></ul>	<ul style="list-style-type: none"><li>• Support in the five areas of the TRIP programme</li><li>• E-Passports</li><li>• Facilitation Assessments</li><li>• Border control equipment</li><li>• Regional security programmes</li><li>• Support in the implementation of action plans (USAP)</li></ul>	<ul style="list-style-type: none"><li>• National airport development plans</li><li>• Airport Master Plans</li><li>• Aerodrome certification</li><li>• Design and construction of aerodromes (turn-key services)</li><li>• Obstacle limitation regulation and studies</li><li>• Traffic and cargo forecasting</li></ul>	<ul style="list-style-type: none"><li>• Economic development planning</li><li>• Air transport regulatory framework</li><li>• Air navigation planning</li><li>• Aviation infrastructure planning</li><li>• Safety (SSP/SMS) and security planning</li></ul>	<ul style="list-style-type: none"><li>• Procurement of CNS/ATM equipment</li><li>• Support in the implementation of PBN</li><li>• Modernization of infrastructure</li><li>• Separation between the regulator and service providers</li><li>• Support in the implementation of action plans (USOAP)</li><li>• Support to Air Navigation Service Providers</li></ul>	<ul style="list-style-type: none"><li>• Procurement of civil aviation-related equipment and services</li><li>• Development of technical requirements (specifications)</li><li>• Evaluations</li><li>• Contract implementation</li><li>• Assistance and support in the complete tender process</li></ul>

# CONTACT

**Mr. Javier Sanchez**

Field Operations Officer

TECHNICAL COOPERATION BUREAU

999 Robert-Bourassa Boulevard, Montreal, QC, Canada

Phone: +1 514 954 8065

e-mail: [OfficeTCB@icao.int](mailto:OfficeTCB@icao.int)



Technical Cooperation Bureau

*Your partner in ensuring global aviation standards*