



ICAO TECHNICAL COOPERATION BUREAU

“Your best partner to ensure compliance with Aviation Standards”

9TH NACC DGCA Meeting P/09 Rev Agenda Item 4

Ignacio Iglesia Figueroa – Head Project Implementation Unit (FOS)

Port of Spain, Trinidad and Tobago, 25-27 June 2019

OUTLINE

1. WHY CHOOSE TCB ?

2. TCB SERVICES / PRODUCTS

3. TURN KEY SOLUTIONS

4. TCB – IMPLEMENTATION NACC REGION 2016 -2018

4.1. IMPLEMENTATION BY STRATEGIC OBJECTIVE

4.2. ON-GOING PROJECTS 2019 BY TYPE

5. ADDED VALUE FOR ICAO MEMBER STATES

6. GLOBAL AVIATION COOPERATION SYMPOSIUM 2019

7. UPCOMING GAT COURSES IN LAS AMERICAS 2019





Technical Cooperation Bureau (TCB), 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.

1. WHY CHOOSE 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.

TECHNICAL EXPERTISE



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.

MAXIMUM FLEXIBILITY AND BEST VALUE FOR MONEY



MAXIMUM FLEXIBILITY AND BEST VALUE FOR MONEY

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

2. 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

EXPERTISE IN PROCURING GOODS AND SERVICES

- 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

3. SOME TCB TURN KEY SOLUTIONS/PACKAGES

- COMPLIANCE
- QUALITY
- INTEGRATION

PLANNING –
CIVIL AVIATION
MASTER PLANNING

TRAVELLER
IDENTIFICATION
PROGRAMME

AIRPORTS

AIR NAVIGATION
INFRASTRUCTURE

PROCUREMENT



4. PROJECT IMPLEMENTATION NACC REGION 2016-2018

Recruitment of Field Experts

- 344 civil aviation experts recruited world-wide
- Out of these, 38 experts recruited for projects in NACC region

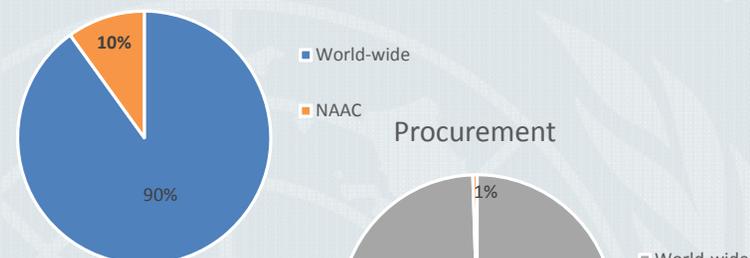
Procurement

- More than 199M USD of civil aviation-related equipment and services procured world-wide...
- ...of which 1M USD for NACC States

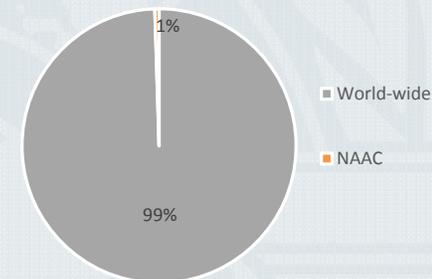
Civil Aviation Training:

- 17,889 Civil Aviation Administration personnel world-wide (in country training – 95 States)
 - 537 in NAAC (12 States)
- 1,884 Training under procurement of goods contracts world-wide (11 States)
 - 54 IN NAAC (2 States)
- 934 Fellowships world-wide (33 States)
 - 216 in NAAC (16 States)

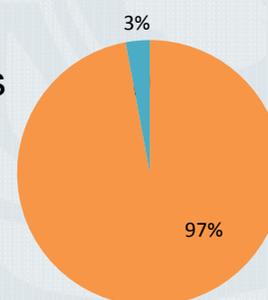
Recruitment - Field Experts



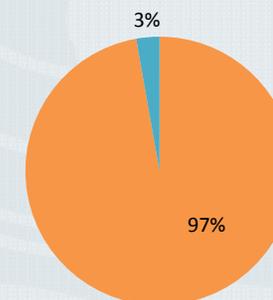
Procurement



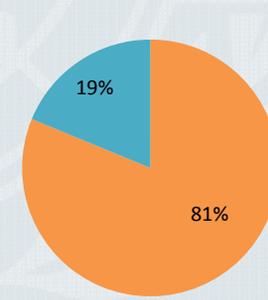
Civil Aviation Training



Training under procurement



Fellowships

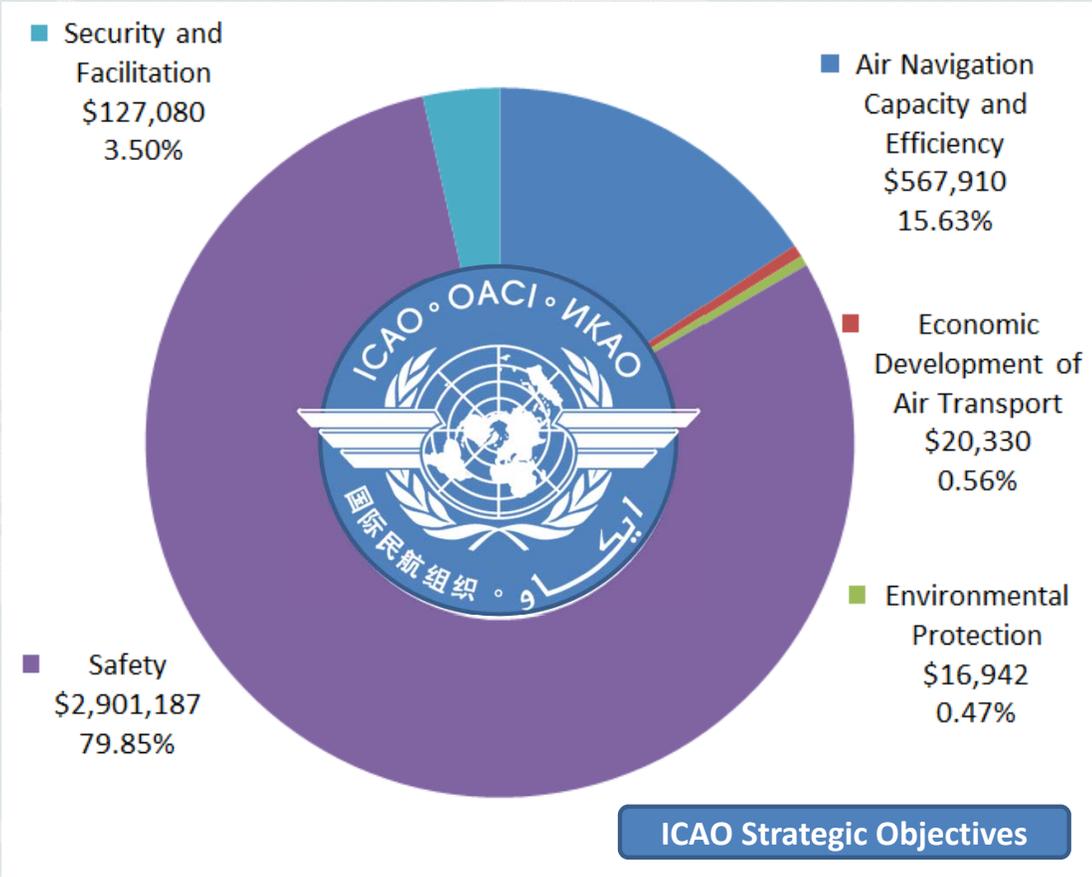


World-wide NAAC

4.1 IMPLEMENTATION BY ICAO STRATEGIC OBJECTIVE (and volume)

Summary 2016 -2018

Strategic Objectives	Total
Air Navigation Capacity and Efficiency	\$567,910
Economic Development of Air Transport	\$20,330
Environmental Protection	\$16,942
Safety	\$2,901,187
Security and Facilitation	\$127,080
Grand Total	\$3,633,450



4.2 ON-GOING PROJECTS BY TYPE – NACC 2019

- **5** projects under **implementation**:
 - 3 National and
 - 2 Regional :
 - RLA09801-Multiregional Civil Aviation Assistance Programme
 - HAI17801 - with CASSOS, COCESNA and OFNAC
 - **3** Multi-Regional projects in **implementation with SAM** states:
 - RLA03901 - REDIGG
 - RLA06801 - LACAC
 - RLA15901 - Aena Seminars
- **5** National projects currently under **development** (pipe line)



20 States with TCB presence

5. TCB SERVICES – ADDED VALUE FOR ICAO MEMBER STATES

Non-Profit Business Working Under a Cost Recovery Basis

- ❑ Expert(s) salary (UN rate) and wide specialized roster
- ❑ UN regulations to procure:
 - ❑ Goods – infrastructure
 - ❑ Services
- ❑ Training and fellowships
- ❑ Limited overheads to recover costs

Procurement

- ❑ Economy of scale
- ❑ Best value for money
- ❑ Neutrality
- ❑ Transparency

Entrusting Funds to ICAO to develop capacity building projects provides:

- ✓ **Confidence and transparency**
- ✓ **Competitive price (TCB is a partner, not a supplier)**
- ✓ **Remaining funds of project(s) belong to the State/Agency**

6. THE 3rd ICAO GLOBAL COOPERATION SYMPOSIUM, 22-24 JULY 2019

A promotional banner for the 3rd ICAO Global Aviation Cooperation Symposium. The background features a traditional Thai temple with a tall spire. The text is overlaid on the image.

**GACS
2019**

**THE THIRD
ICAO GLOBAL AVIATION
COOPERATION SYMPOSIUM**

**Bridging the SARP's Compliance Gap
with Quality and Efficiency**

REGISTER TODAY

Phuket, Thailand, 22 - 24 July 2019

In collaboration with

ICAO | **CAAT**
สำนักงานการบินพลเรือนแห่งประเทศไทย
The Civil Aviation Authority of Thailand

Click on the link for information and registration

<https://www.caat.or.th/gacs2019/>

7. GAT – UPCOMING COURSE IN LAS AMERICAS



ICAO

GLOBAL AVIATION TRAINING
TRAINAIR PLUS



**UPCOMING COURSES
IN THE AMERICAS***
July to December 2019

Find course(s) that suit your needs!

AERODROMES

Course Title	Host Organization	Location	Dates (2019)
ICAO-ACI Aerodrome Certification Course	International Civil Aviation Organization	Montreal, Canada	26 - 30 August
ICAO-ACI Airport User Charges	San Diego County Regional Airport Authority	San Diego, United States	8 - 12 July

FLIGHT SAFETY & SAFETY MANAGEMENT

Course Title	Host Organization	Location	Dates (2019)
Investigación de Accidentes e Incidentes de Aviación Civil	Centro de Instrucción, Perfeccionamiento y Experimentación (CIPE)	Buenos Aires, Argentina	2 - 13 September
ICAO Government Safety Inspector Personnel Licensing Course [GSI-PEL-18710]	Trinidad and Tobago Civil Aviation Authority - Civil Aviation Training Centre	Port of Spain, Trinidad and Tobago	9 - 27 September
Safety Management for Practitioners [SMxP]	International Civil Aviation Organization	Montréal, Canada	7 - 11 October
	Civil Aviation Authority Training Institute [CAATI]	Kingston, Jamaica	18 - 22 November
ICAO Government Safety Inspector Airworthiness – Air Operator and Approved Maintenance Organization Certification [GSI-AIR-18701]	Academia Superior de Ciencias Aeronáuticas [ASCA]	Santo Domingo, Dominican Republic	7 - 25 October

SECURITY AND FACILITATION

Course Title	Host Organization	Location	Dates (2019)
ICAO-ACI Management of Airport Security	Sangster International Airport	Montego Bay, Jamaica	9 - 13 September
	International Civil Aviation Organization	Montreal, Canada	4 - 8 November

ENVIRONMENT			
Course Title	Host Organization	Location	Dates (2019)
CORSIA Verification	Civil Aviation Authority Training Institute [CAATI]	Kingston, Jamaica	12 - 14 August
Mitigación de nivel de ruido generado por helicópteros	Escuela Técnica Aeronáutica	Santiago, Chile	24 - 26 September
	Centro de Instrucción, Perfeccionamiento y Experimentación [CIPE]	Buenos Aires, Argentina	23 - 26 September

TRAINING COMPETENCY DEVELOPMENT			
Course Title	Host Organization	Location	Dates (2019)
Validación de la instrucción basada en competencias	International Civil Aviation Organization	Mexico City, Mexico	8 - 12 July
Training Instructors Course (TIC) Part 2	Civil Aviation Authority Training Institute [CAATI]	Kingston, Jamaica	22 - 26 July
	Trinidad and Tobago Civil Aviation Authority - Civil Aviation Training Centre	Port of Spain, Trinidad and Tobago	16 - 20 September
Management Certificate in Civil Aviation	International Civil Aviation Organization	Montreal, Canada	9 August - 22 September 8 November - 20 December
Training Developers Course (TDC)	Civil Aviation Authority Training Institute [CAATI]	Kingston, Jamaica	19 - 30 August
Curso de Formación de Instructores [CFI]	Academia Superior de Ciencias Aeronáuticas [ASCA]	Santo Domingo, Dominican Republic	21 - 30 August
Curso de Formación de Instructores [CFI]	Instituto Centroamericano de Capacitación Aeronáutica [ICCAE] de COCESNA	San Salvador, El Salvador	16 - 25 September
Polytechnic College Suriname	Training Managers Course [TMC]	Paramaribo, Suriname	21 - 24 October
Managing Aviation Training Intelligence [MATI]	Academia Superior de Ciencias Aeronáuticas [ASCA]	Santo Domingo, Dominican Republic	21 - 25 October
	International Civil Aviation Organization	Herndon Virginia, Washington D.C., United States	4 - 8 November
On-the-Job Training Instructor	Trinidad and Tobago Civil Aviation Authority - Civil Aviation Training Centre	Port of Spain, Trinidad and Tobago	21 - 25 October

*All course schedules are updated as of 19 June 2019. Please note that all course dates are subject to change. Visit the desired course web page regularly to view the latest course delivery schedule.

Register at www.icao.int/training
or email us at AviationTraining@icao.int

CONTACTS

Mr. Jorge Vargas

DIRECTOR TCB

TECHNICAL COOPERATION BUREAU

999 Robert-Bourassa Boulevard, Montreal, QC,
Canada

Phone: +1 514 954 8065

e-mail: OfficeTCB@icao.int

Mr. Belayneh Meshesha

Deputy Director TCB, Chief GAT

GLOBAL AVIATION TRAINING

999 Robert-Bourassa Boulevard, Montreal, QC,
Canada

Phone: +1 514 954 8219

e-mail: AviationTraining@icao.int

ORGANISATION DE L'AVIATION
CIVILE INTERNATIONALE

INTERNATIONAL CIVIL
AVIATION ORGANIZATION



Ignacio Iglesia iiglesia@icao.int