



ICAO TECHNICAL COOPERATION

NO COUNTRY LEFT BEHIND



The ICAO Technical Cooperation Programme Middle East (MID) Region

Guillermo Iovino

Head, Project Development Unit - FOS

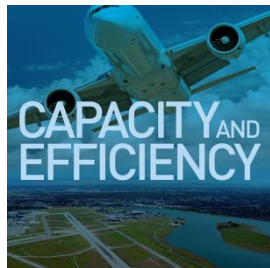
DGCA-MID/4
Muscat, Oman

17-19 October 2017



ICAO ASSEMBLY RESOLUTION A39-16:

TCB as the ICAO preferred mechanism for the development and implementation of civil aviation projects





TECHNICAL COOPERATION PROGRAMME (2016)

- Total Programme Implementation of USD ~110 million
- 111 TC and 5 TA projects
- 138 countries, 10 organizations

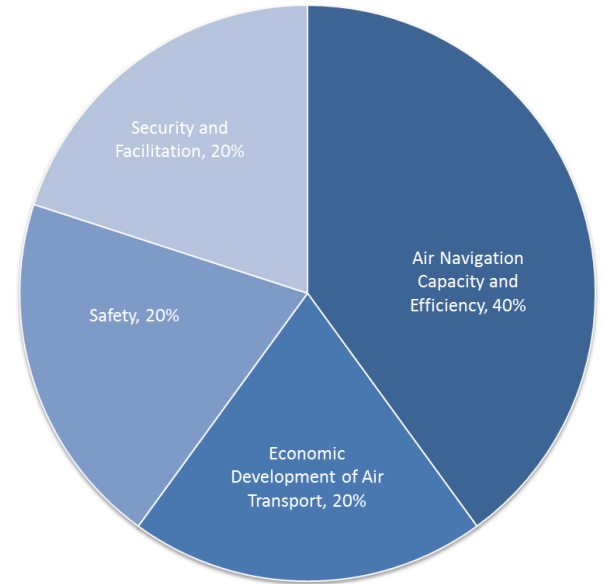




Projects Under Development - MID

National:

- Follow up to USOAP Audit (Gap Assessment)
- Recruitment of National Personnel
- Procurement of Air Navigation Equipment
- Airport Development and Certification
- ICAO Developing Countries Training Programme





Projects Under Development - MID (cont.)

Regional:

- MID Region Flight Procedure Programme (MID FPP)
- MID Region AIM Database (MIDAD)
- *Regional Safety Oversight Organization (MENA RSOO)**





TC Projects Under Implementation - MID

National Projects:

- Assistance in Safety Oversight
- Technical Evaluation of a VSAT Network
- Assistance to the CAA
- Reactivation of the Civil Aviation Center

Regional Projects:

- Cooperative Development of Operational Safety and Continuing Airworthiness Programme - Gulf States
- Cooperative Aviation Security Programme - Middle East Region
- Regional Monitoring Agency - Middle East Region





Assistance in Safety Oversight

- Provide assistance to the Authority for Civil Aviation through the deployment of operational assistance expert -flight operations inspector- to serve under the Director of Flight Safety
- Challenge in finding available experts with the requested profile



Assistance with the technical evaluation of a VSAT Network

- Provide the National Air Navigation Services Company with consultancy services in regard to the technical evaluation of the submitted offers as a response to the CFT published for the supply and installation of a VSAT/MW Network.
- The consultancy contributed to the successful evaluation and identification of a tenderer for the procurement of the NVM II equipment and services.



Assistance to the Civil Aviation Authority

- Support the Authority of Civil Aviation in providing safe, efficient and cost-effective aviation services, by keeping it up to date on changes in the civil aviation environment;
 - Prepare the Authority for the introduction of new technologies; and
 - Assist the Authority in replacing foreign experts with local experts through professional training of qualified national counterparts.
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- Assistance is being provided to the Government in replacing foreign experts with Government national employees, recruited to cover several civil aviation positions within the organization.



Reactivation of a Civil Aviation Center

- Improve the safety and efficiency of air transport in the state as well as the adjacent regions, through training of safety oversight officers responsible for the enforcement of international and national regulatory requirements on air operators and aircraft maintenance organizations
- Updating and amending of the previous organizational structure and development of a training programme to help with the recruitment and training of key management personnel
- The development of Quality Assurance programme
- Conduct of courses on airworthiness and flight operations inspection



Cooperative Development of Operational Safety and Continuing Airworthiness Programme - (COSCAP-GS)

- Enhance the safety and efficiency of air transport operations in the sub region, in a cost-effective manner, creating a sub regional forum for addressing safety aspects with a view toward harmonizing regulations, policies and procedures;
 - Sharing resources in flight safety and leveraging benefits therefrom;
 - Enhancing the professional and practical knowledge and qualifications of technical personnel through training/workshops/seminars;
 - Providing assistance to States to comply with ICAO SARPs; and
 - Fostering the implementation of State Safety Programmes (SSP).
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- Project began in 2005, will be terminated at the end of 2018



Cooperative Aviation Security Programme - Middle East Region - (CASP-MID)

- Enhance the implementation capabilities of the participating States;
 - Creating a regional structure for cooperation and coordination for training.
 - Improve the implementation, regulation and enforcement at international airports;
 - Develop a standing aviation security structure in the long term for cooperation and coordination;
 - Provide assistance in the development and implementation of a National Facilitation Programme.
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- Project began in July 2013 with an expected duration of three years, extended through December 2017



The Middle East - Regional Monitoring Agency (MID-RMA)

- Promotion of safety of air navigation in the Middle East Region through the establishment, operation and management, on a sound and efficient basis, of the permanent MID Regional Monitoring Agency
- Two immediate objectives:
 - Establishment of the MID Regional Monitoring Agency (RMA)
 - Operation and management of the MID RMA



Challenges & Lessons Learned

- Aligning State interests and needs
- Coordination of initiatives in similar areas
- Unforeseen delays (scope, availability, accommodation, opportunity)
- Legal & institutional frameworks
- Organizational issues and structures
- Personnel & staffing (consultants, OPAS, national staff)
- Programme Management skills & abilities

- Project funding (region's States, SAFE, Donors: Banks, States, industry)



Achievements - Areas of Assistance



Safety

- Safety Oversight
- Review of Legislation
- Development of Civil Aviation Law, Regulations and Procedures
- Organization Restructuration
- Capacity Development Aerodrome Certification
- Civil Aviation Master Plans
- Compliance with ICAO SARPs



Air Navigation Capacity and Efficiency

- Capacity Building
- Development of Civil Aviation Authorities
- Air Navigation Services Providers
- Developing Countries Training Programmes
- Safety Management System



Security and Facilitation

- Preparation / follow up to USOAP & USAP
- Development of Corrective Action Plans
- TRIP / MRTD, e-Passport
- Gap Assessment
- AVSEC Assessment



Economic Development - Air Transport

- Infrastructure (Aerodromes)
- Procurement Services (ANS Systems, Security Systems)



Environmental Protection

- Audits
- Action Plans
- Development



Benefits of a Partnership with TCB

- A reliable and trusted UN Agency partner, with the largest experience in implementing civil aviation projects
- Access to international expertise from similar projects
- Worldwide recognized, high quality training
- Purchasing under conditions of impartiality, objectivity, and economies of scale





TCB Added Value

- Identifying project scope, gap analysis
- Complying with ICAO SARPs
- Regional frameworks
- ICAO Programme for Aviation Volunteers (IPAV)
- Developing human resources (fellowships and training)
- Procuring goods and services
- Project Management





Example: ICAO TRIP Strategy



- Contribute to the capacity of Member States to uniquely identify individuals by providing appropriate authorities worldwide with relevant supporting mechanisms to establish and confirm the identity of travelers
- MRTD-related projects with 7 States and a UN agency.



How TCB assists – e.g.: ICAO TRIP



- Analysis of existing processes and systems:
 - Identity management systems and the civil registry;
 - Emission of passports, including the current control and protection of the inputs
 - Travel Document Issuing Authority-Organizational Structure;
 - ICAO Doc 9303 conformance
- Identification of current capacity gaps and challenges for the implementation of MRTDs.
- Assessment of border management, control and inspection tools and systems.
- Provision of recommended roadmap for the implementation of MRTDs and membership to the PKD.



How TCB assists – e.g.: ICAO TRIP



- Consultancy services at various steps of the procurement of MRTDs and inspection systems and tools, including but not limited to:
 - Development of technical specifications;
 - Evaluation of bidders' proposals;
 - Assistance during FAT;
 - Assistance during SAT.
- Capacity building training
- Turnkey solutions for the implementation of MRTDs and inspection systems and tools through ICAO's Procurement Service.



THANK YOU!