

APPENDIX 2. TECHNICAL COOPERATION PROJECTS

AFGHANISTAN

Civil Aviation Purchasing Services (CAPS) (AFG/06/701)

Project goal

The objective of this project, funded by the Government of Afghanistan's Ministry of Transport and Civil Aviation (MoTCA), is to procure electronic equipment for Kabul International Airport. This procurement project, implemented within the framework of the CAPS agreement signed between ICAO and the Afghan Ministry of Civil Aviation and Transport in October 2006, began in April 2015 with an expected duration of 12 months and is ongoing.

Project achievements

The procurement of navigational aids (NAVAIDS) modules and calibration services, as well as the recalibration of a portable instrument landing system (ILS) receiver for Kabul International Airport, were initiated.

ARGENTINA

Strengthening of the new National Civil Aviation Administration (ANAC) (ARG/07/803)

Project goal

The objective of this project, funded by the Government of Argentina, is to contribute to the strengthening of the civil aviation system as a means to support the social, economic and cultural development of the State, achieving full compliance with its obligations as a signatory to the Convention on International Civil Aviation, stimulating the growth of the air transport sector and contributing to the fostering of aeronautical activity. The project, which began in September 2007, has been extended through January 2016.

Project achievements

Recruitment of national personnel for the ANAC was carried out. Assistance in the implementation of the State safety programme continued to be provided to ANAC through the deployment of one international expert.



Assistance from the Argentinean Air Force to the Civil Aviation Administration (ARG/09/801)***Project goal***

The objective of this project, funded by the Government of Argentina, is to provide support services to the “Fuerza Aérea Argentina – Dirección General de Control de Tránsito Aéreo” (FAA-DGCTA), the air navigation services provider (ANSP) of Argentina and the State Airline (LADE) in promotional activities that integrate remote communities within the national territory. The project comprises the recruitment of national professionals, procurement of equipment, maintenance of services and training. This project, which began in July 2009 with an expected duration of three years, has been extended through December 2018.

Project achievements

Further satellite equipment was purchased to support FAA activities. Contracts providing scheduled and unscheduled maintenance and logistical services to search and rescue, flight inspection aircraft, support aircraft, on-board systems for aerial inspection and communication, navigation and surveillance (CNS) systems were extended and expanded. Flight simulator training was provided for the crew performing flight inspections for CNS equipment. Equipment for a contingency control centre was procured. The procurement process was initiated for aircraft maintenance and flight hour services for turbofan aircraft for LADE. Assistance was provided in the procurement of a medium-altitude earth orbit search and rescue (MEOSAR) system still under implementation and the procurement of night vision goggles for search and rescue activities.

Consolidation of the Civil Aviation Accident Investigation Board (JIAAC) (ARG/10/801)***Project goal***

The objective of this project, funded by the Government of Argentina, is to enable the establishment of the “Junta de Investigación de Accidentes de Aviación Civil” (JIAAC), which was transferred from the “Fuerza Aérea Argentina” as an independent entity under the “Secretaría de Transporte, Ministerio de Planificación Federal, Inversión Pública y Servicios”. The project also supports the JIAAC in obtaining human resources, logistics, equipment, infrastructure and systems to allow it to continue to efficiently carry out its responsibilities and strengthen its activities in civil aviation accident prevention. This project, which began in September 2011 with an expected duration of two years, has been extended through November 2017.

Project achievements

The recruitment of technical and operational investigators as well as administrative and national professionals in support of JIAAC operations continued. Additional equipment, furniture and other items necessary to support day-to-day operations of the JIAAC were purchased. National legislation and regulations were developed and subsequently approved by JIAAC.

Strengthening of the air navigation services and updating of the CNS systems (ARG/12/801)***Project goal***

The objective of this project, funded by the Government of Argentina, is to provide assistance to the National Civil Aviation Administration (ANAC) for the efficient and uninterrupted provision of air traffic services and for the implementation of communications, navigation and surveillance systems, in accordance with the Air Navigation Plan's Facilities and Services Implementation Document (FASID) for the Caribbean and South American Regions (CAR/SAM), by ensuring that the procured equipment is compliant with ICAO Standards and Recommended Practices (SARPs) and recommendations of the CAR/SAM Planning and Implementation Regional Group (GREPECAS). This project began in October 2012 with an expected duration of five years.

Project achievements

Procurement activities were completed for voice switching equipment for four airports, very high frequency (VHF) communications and VHF omnidirectional radio range (VOR) equipment for five airports and instrument landing systems (ILS) for four airports. An aeronautical telecommunications network (ATN), radio links equipment and other equipment for one area control centre (ACC) were upgraded. One aeronautical flight information system (AFIS), one geographical information system (GIS), one distance measuring equipment (DME) and three air traffic management (ATM) systems were purchased. Assistance was provided in the acquisition of voice communication switching systems (VCSS) and an audio recorder as well as a voice communication control system (VCCS) for Ezeiza ACC, air traffic service equipment for Rosario ACC and a VHF transmitter/receiver for the Rosario control tower.

BAHAMAS**Civil Aviation Purchasing Services (CAPS) (BHA/10/701)*****Project goal***

The objective of this project, funded by the Bahamas Civil Aviation Department (BCAD), was to procure equipment to strengthen the aeronautical authorities. This procurement project, implemented within the framework of the CAPS agreement signed between ICAO and the Bahamas Civil Aviation Department in December 2010, began in May 2013 with an expected duration of 24 months and was completed.

Project achievements

The installation of a primary and secondary radar system was completed, and the system was commissioned.

BANGLADESH**Installation and commissioning of a multi-mode surveillance system (radar, ADS-B, wide area multilateration-WAM) along with ATC and communication system at Hazrat Shahjalal International Airport (HSIA), Dhaka, under PPP (BGD/13/601)*****Project goal***

The objective of this project, funded by the Civil Aviation Authority of Bangladesh (CAAB), is to provide assistance to CAAB by providing an ATM/CNS expert and a surveillance systems expert who will visit Bangladesh to comment on the tender documents, including the request for quotation (RFQ) and request for proposal (RFP), attend the pre-bid meeting, and support the evaluation process. This project, which began in April 2014 with an expected duration of 40 working days, has been extended through 2016.

Project achievements

The technical content of the request for qualification (RFQ), the request for proposal (RFP), the public-private partnership (PPP) agreement and specifications were reviewed and amended by the ATM/CNS and surveillance systems experts, as necessary, in accordance with their field of expertise, and provided to CAAB as part of the bid documents under the PPP project. The ATM/CNS and surveillance systems experts attended the pre-bid meeting and provided support to CAAB after launch of the tender.

Assistance with the preparation of the Concession Agreement for the Hazrat Shahjalal International Airport (BGD/14/601)***Project goal***

The objective of this project, funded by the Civil Aviation Authority of Bangladesh (CAAB), is to provide assistance to CAAB in preparation of the Concession Agreement relating to legal and commercial matters for the supply, installation and commissioning of a multi-mode surveillance system (radar, ADS-B, wide area multilateration-WAM) along with an air traffic control (ATC) and communication system at Hazrat Shahjalal International Airport (HSIA), Dhaka, under a public-private partnership (PPP). This project, which began in August 2014 with an expected duration of 29 working days, has been extended through 2016.

Project achievements

A legal/commercial expert for the PPP project was deployed to Dhaka, where, in coordination with the air traffic management (ATM)/communication, navigation and surveillance (CNS) expert and surveillance systems expert of project BGD/13/601, CAAB staff and their legal consultant, the request for quotation (RFQ), request for proposal (RFP), and Concession Agreement were reviewed and amended, as necessary, and provided to CAAB as part of the bid documents under the PPP project. A financial model was also prepared by the legal/commercial expert to assist in the evaluation process.

BELARUS**Assistance in the assessment of screening equipment of the RUE National Airport Minsk (BLR/15/601)*****Project goal***

The objective of this project, funded by RUE National Airport Minsk, was to recruit an Explosive Trace Detection (ETD) expert to ensure that the airport's ETD equipment conforms to ICAO Standards and Recommended Practices (SARPs). This project, which began in June 2015 with an expected duration of two weeks, was completed.

Project achievements

An ETD expert was deployed. A report was prepared by the expert and submitted to the State regarding the performance of the equipment and pertinent recommendations.

BELGIUM**Aviation security capacity building and resource management (BEL/14/801)*****Project goal***

The objective of this project, funded by the Belgium Civil Aviation Administration (BCAA), is to provide capacity building and resource management in the area of aviation security in Africa, through training, expert consultancy and procurement. This project started in October 2014 with an expected duration of two years.

Project achievements

The project coordinator (PC) assumed the functions of training coordinator of the Comprehensive Regional Implementation Plan for Aviation Security and Facilitation in Africa (AFI SECFAL Plan), an ICAO project to enhance aviation security and facilitation in Africa and to coordinate assistance efforts of all stakeholders. A needs analysis on training was conducted, based on a survey involving the 54 participating African States and industry stakeholders. The PC was further designated as project manager of a capacity-building programme for the Civil Aviation Authority of the Democratic Republic of the Congo (DRC), to be carried out by ICAO and funded by the World Bank.

BOLIVIA (PLURINATIONAL STATE OF)**Development of national aviation (BOL/13/801)*****Project goal***

The objective of this project, funded by the Government of the Plurinational State of Bolivia, is to upgrade the legal framework and the organizational structure of the Directorate General of Civil Aviation (DGCA) in line with the State Constitution and the General Law of Transport and to strengthen the institutional capacity of the DGCA to discharge efficiently its safety oversight responsibilities and provide air transport services. This project, which began in January 2013 with an expected duration of two years, has been extended through December 2016.

Project achievements

Continued assistance was provided to support the transition of national personnel towards their full integration and recruitment under the Bolivian Civil Aviation Authority.

CABO VERDE**Enhancement of services provided by Aeroportos e Segurança Aérea SA (CIV/12/802)*****Project goal***

The objectives of this project, funded by the Aeroportos e Segurança Aérea SA, are to assist in the implementation of a safety management system (SMS), enhance the service provider's capabilities in the areas of quality management and production of aeronautical information publications, upgrade the aeronautical rescue coordination centre, implement a runway safety programme and develop contingency plans for air traffic control (ATC) as well as of flight inspection procedures for navigational aids (NAVAIDS), policy and procedures manuals, SMS-compatible organizational structures and training programmes. The project also assists in the certification/authorization of the service provider, as required, and in the correction of ICAO/CAA-identified deficiencies. This project began in October 2013 with an expected duration of 36 months.

Project achievements

Five experts were recruited in the areas of aeronautical information services (AIS), search and rescue (SAR), quality management systems (QMS), communications, navigation and surveillance/air traffic management (CNS/ATM) and airport wildlife management. Three SMS training courses were delivered, and guidance material was developed for all areas of activity.

ANS safety oversight capability (CVI/12/801)***Project goal***

The objective of this project, funded by the government of Cabo Verde, is to enhance its safety oversight capabilities in the field of air navigation services (ANS) by addressing the corresponding findings and recommendations of the ICAO Universal Safety Oversight Audit Programme (USOAP). This project, which began in August 2012 with an expected duration of six months, has been extended through May 2016.

Project achievements

Due to the unavailability of the previously selected air navigation safety expert, the recruitment of a replacement was initiated.

CAMBODIA**Provision of technical assistance to the State Secretariat of Civil Aviation of the Government of Cambodia in resolving safety oversight deficiencies in the area of airworthiness (RAS/97/903SF)*****Project goal***

The objective of this project, funded by the ICAO Safety Fund (SAFE), is to provide technical assistance and training to develop capacity through an operational assistance (OPAS) expert in the area of airworthiness within the State Secretariat of Civil Aviation (SSCA) of the Government of Cambodia. This project began in August 2015 with an expected duration of eight months.

Project achievements

The airworthiness expert was recruited and deployed to Cambodia. An analysis of the findings of the Universal Safety Oversight Audit Programme (USOAP) in the area of airworthiness was carried out, and recommendations and technical support for their closure were provided. The USOAP Corrective Action Plan self-assessment was completed for all Protocol Questions (PQs) and was entered into the continuous monitoring approach (CMA) online framework (OLF). The upload of respective evidences such as manuals and procedures and the implementation of corrective actions were initiated. Legislation and regulations with regard to the applicable airworthiness Standards and Recommended Practices (SARPs) were reviewed and amendments for necessary updates recommended to SSCA. Assistance was provided to SSCA in the implementation of a procedure for amending its regulations. A rule-making manual and procedure were developed to cover the filing of differences to SARPs.

CHINA, SPECIAL ADMINISTRATIVE REGION (SAR) MACAO**Procurement of aeronautical information management (AIM) equipment for the Civil Aviation Authority of Macao SAR, China (MAC/02/702)*****Project goal***

The objective of this project, funded by the Civil Aviation Authority of Macao (AACM), was to provide assistance to CAAM in the preparation of the strategy/roadmap for the transition from aeronautical information services (AIS) to aeronautical information management (AIM) and the procurement of the required equipment. This procurement project, implemented within the framework of the CAPS agreement signed between ICAO and AACM in December 2002, began in May 2014 with an expected duration of 36 months and was completed.

Project achievements

A protocol between ICAO and AACM for the provision and installation of an aeronautical information management (AIM) system was developed and submitted to AACM. The technical specifications for the AIM equipment were prepared and the tendering process for the procurement of the AIM system carried out.

COMOROS**Enhancement of safety oversight capability of aircraft operations, airworthiness and aerodromes
(COM/15/801)*****Project goal***

The objective of this project, funded by the Government of Comoros and the ICAO Safety Fund (SAFE), is to assist the Agence Nationale de l'Aviation Civile et de la Météorologie de l'Union des Comores (ANACM) in implementing Corrective Action Plans (CAPs) and the corresponding ICAO Plan of Action in the areas of aircraft operations, airworthiness and aerodromes. This project began in July 2015 with an expected duration of 9.5 months.

Project achievements

The recruitment of three experts in the areas of aircraft operations, airworthiness and aerodromes was initiated.

CONGO**Assistance to the Agence Nationale de l'Aviation Civile (ANAC) of Congo – Certification of air operators
(PRC/13/801)*****Project goal***

The objective of this project, funded by the government of the Republic of Congo, was to assist in the certification of air operators, provide on-the-job training (OJT) to national inspectors, and assist in updating national regulations. This project, which began in October 2013 with an expected duration of twelve months, was completed.

Project achievements

The Project Terminal Report (PTR) was submitted to the State and the closing of the project initiated.

COSTA RICA**Development of the Juan Santamaria International Airport (AIJS) (COS/11/801)*****Project goal***

The objective of this project, funded by the “Consejo Técnico de Aviación Civil” (CETAC), is to carry out civil works at the Juan Santamaria International Airport (AIJS) in San José to provide better services and meet demands with regard to the State's economic, tourism and commercial development. This project began in August 2011 with an expected duration of five years.

Project achievements

The construction of a new building for the “Cooperativa Autogestionaria de Servicios Aeroindustriales” (COOPESA) at the AIJS commenced, and supervision of the related civil works was carried out. Assistance was provided in the construction of a remote ramp as well as in the supervision of quality control of materials and civil works.

International Airport of the South Zone (COS/11/802)***Project goal***

The objective of this project, funded by the Government of Costa Rica, is to develop an international airport in the Brunca Region of Costa Rica, including environmental, social and economic impact studies, technical feasibility studies, and design and construction of the airport in a “completely green concept,” respecting all sensitive ecological and archaeological conditions of this zone. This project began in August 2011 with an expected duration of five years.

Project achievements

Due to the reorientation of government priorities, implementation activities in 2015 were minimal.

Development of the Daniel Oduber Quiros International Airport in Liberia City (COS/11/803)***Project goal***

The objective of this project, funded by the Government of Costa Rica, is to develop the Daniel Oduber Quiros International Airport in Liberia according to the approved master plan, including the rehabilitation of the pavement, the preparation of the projects, the execution of the required civil works, the design and construction of a base of operations facilities, the relocation of a fire station and a VHF omnidirectional radio range (VOR), and the improvement of safety-related conditions. This project began in August 2011 with an expected duration of six years.

Project achievements

Due to the reorientation of government priorities, implementation activities in 2015 were minimal.

New Metropolitan Airport 2025 (COS/11/805)***Project goal***

The objective of this project, funded by the Government of Costa Rica, is to determine the technical viability of the selected site to construct the new Metropolitan Airport. This project began in August 2011 with an expected duration of five years.

Project achievements

Due to the reorientation of government priorities, implementation activities in 2015 were minimal.

Civil Aviation Purchase Services (COS/12/701)***Project goal***

The objective of this project, funded by the Government of Costa Rica, is to procure equipment for the Civil Aviation Authority of Costa Rica. This procurement project, implemented within the framework of the CAPS agreement signed between ICAO and the Consejo Técnico de Aviación Civil (CETAC) of Costa Rica in May 2012, began in August 2015 with an expected duration of 12 months and is ongoing.

Project achievements

Factory acceptance tests were conducted for a runway sweeper. The project assisted in the design review stage of an automated weather observation system (AWOS).

Improvement of the Murcielago Airport (COS/12/801)***Project goal***

The objective of this project, funded by the Government of Costa Rica, is to improve the physical characteristics of Murcielago Airport as well as its safety-related conditions, and to equip the airport with equipment necessary for night operations. This project, which began in April 2012 with an expected duration of nine months, has been extended through 2016.

Project achievements

Due to the reorientation of government priorities, implementation activities in 2015 were minimal.

DJIBOUTI**Assistance to the Direction de l'aviation civile et de la météorologie of Djibouti (DJI/13/601)*****Project goal***

The objectives of this project, funded by the Government of the Republic of Djibouti, are to assist the State in capacity building and to increase the efficiency of the Civil Aviation Administration. This project, which began in September 2014 with an expected duration of five months, has been extended through 2016.

Project achievements

The final report for Phase 1 of the project was submitted to the State. Phase 2 of the project was placed on hold pending further input by the Government.

ECUADOR**Strengthening of the Directorate General of Civil Aviation (ECU/11/802)*****Project goal***

The goal of this project, funded by the Government of Ecuador, is to provide assistance to the Directorate General of Civil Aviation (DGCA) of Ecuador, in support of the Government's national strategies and economic development plans for the air transport sector, civil aviation programmes and projects, including aeronautical and airport infrastructure, airspace management processes, safety oversight and human resources, at the technical, operational and organizational level. The project, which began in October 2011 with an expected duration of three years, has been extended through October 2017.

Project achievements

Assistance was provided in the procurement of a very small aperture terminal (VSAT) network, primary and secondary radar spare parts, air navigation services/air traffic management software, and a computer-based radar simulator.

EGYPT**Assistance with the technical evaluation of a VSAT Network tender (EGY/15/602)*****Project goal***

The objective of this project, funded by the National Air Navigation Services Company (NANSC) of Egypt, was to provide consultancy services for the technical evaluation of offers received in response to the call for tender (CFT) for the supply and installation of a very small aperture terminal (VSAT) network. This project, which began in September 2015 with an expected duration of two weeks, was completed.

Project achievements

A communication, navigation and surveillance (CNS) systems expert was deployed. Tender documentation, including the technical specifications and evaluation criteria for the supply and installation of a VSAT/MW network was reviewed, and assistance was provided in the evaluation process. An evaluation report was submitted to the State.

EL SALVADOR**Assistance in the improvement of El Salvador's communication, navigation and surveillance (CNS) systems and services (SLV/13/802)*****Project goal***

The objective of this project, funded by the Government of El Salvador, is to integrate new aeronautical communication systems with existing communication, navigation, surveillance/air traffic management (CNS/ATM)

systems, in order to improve air traffic management. This project began in September 2013 with an expected duration of 2.6 months.

Project achievements

This project was placed on hold by the Government.

EQUATORIAL GUINEA

Reinforcement of national and institutional capacity in civil aviation (EQG/13/801)

Project goal

The objective of this project, originally funded under a cost-sharing arrangement between the Government of Equatorial Guinea and the United Nations Development Programme (UNDP) and now solely funded by the former, is to establish an autonomous Civil Aviation Authority (CAA), with the appropriate level of staffing and competency to carry out safety oversight functions related to operations, airworthiness and licensing of aircraft and flight operations personnel. This project began in January 2013 with an expected duration of three years.

Project achievements

Continued assistance was provided through the recruitment of an Airworthiness Expert.

ETHIOPIA

CAPS – Procurement of an approach multilateration (MLAT) surveillance system and an advanced surface movement guidance and control system (A-SMGCS) (ETH/04/701)

Project goal

The objective of this project, funded by the Civil Aviation Authority of Ethiopia, is to procure an approach multilateration (MLAT) surveillance system and an advanced surface movement guidance and control system (A-SMGCS), and repair the Ethiopian aeronautical message handling system (AMHS), including the billing software system. This procurement project, implemented within the framework of the CAPS agreement signed between ICAO and the Ethiopian Civil Aviation Authority in January 2004, began in 2015 with an expected duration of 36 months and is ongoing.

Project achievements

A sealed tender was issued and evaluated for the MLAT surveillance system and for the A-SMGCS. The implementation of the contract for the repair of the AMHS is ongoing.

FIJI**Assessment for the development of a National Civil Aviation Master Plan (FIJ/14/602)*****Project goal***

The objective of this project, funded by the Civil Aviation Authority of Fiji (CAAF), is to provide assistance to CAAF in the preparation of the Fiji National Civil Aviation Master Plan (NCAMP) by sending an exploratory mission to Fiji to conduct a gap analysis in order to develop a comprehensive project document for the development of the NCAMP, in accordance with ICAO Standards and Recommended Practices (SARPs) and guidance material as well as best practices. This project, which was expected to begin in December 2014, with an expected duration of one month, has been extended through 2016.

Project achievements

The CAAF selected the expert for the position of the Civil Aviation Advisory Expert. The deployment of the expert was initiated.

GREECE**Capacity building in safety oversight (GRE/00/801)*****Project goal***

The objective of this project, funded by the Government of Greece, is to further develop the capability of the Hellenic Civil Aviation Authority (HCAA) to provide safe, efficient and cost-effective aviation services, regulate flight safety functions and ensure conformity with ICAO Standards and Recommended Practices (SARPs). This project, which began in 2000 with an expected duration of one year, has been extended through June 2016.

Project achievements

Continued support was provided to the HCAA for developing a sustainable airworthiness system and exercising its safety oversight responsibilities in the field of flight operations.

HAITI**Assistance to the Office Nationale de l'Aviation Civile (OFNAC) and the Autorité Aéroportuaire Nationale (AAN) (HAI/11/602)*****Project goal***

The objective of this project, funded by the World Bank/Office Nationale de l'Aviation Civile (OFNAC), is to provide an assessment of the damage to key navigational and communication infrastructures, including visual aids for air navigation, aerodrome installations, services and equipment, as well as damage to associated access roads to Port-au-Prince/Toussaint Louverture International Airport and public parking areas as a result of the earthquake of January 2010, and to provide recommendations, as appropriate. The project will also provide an assessment of the

organizational structure and training needs in the air traffic management field, its technical personnel and any other field relevant to the operation and maintenance of the improvements being considered and will provide recommendations, as appropriate. This project, which began in 2011 with an expected duration of three months, has been extended through 2016.

Project achievements

Due to the reorientation of government priorities, there were no activities under this project.

INDIA

ICAO – India Developing Countries Training Programme (IND/12/801)

Project goal

The objective of this project, which is funded by the Airports Authority of India (AAI), is to assist in the administration of a training programme for participants from developing countries selected by the India Aviation Academy (IAA), at New Delhi. The assistance covers administrative support such as the distribution of information to ICAO Member States and the issuance of correspondence including notification letters of fellowship awards and letters of rejection. This project, which began in October 2008 with an expected duration of three years, has been extended through October 2017.

Project achievements

ICAO recruited an instructor to support AAI in the development and delivery of the airport terminal management (Annex 9 — *Facilitation*) course conducted at IAA and awarded two fellowships to participants from two developing countries for this course.

INDONESIA

Enhancement of safety oversight capability of the Directorate General of Civil Aviation (INS/07/802)

Project goal

The objective of this project, funded by the Directorate General of Civil Aviation (DGCA), was to enhance its capability in flight safety oversight through improved organization; increased availability of properly trained and well-qualified safety oversight inspectors and surveyors; updated legislation, regulations and procedures; and improved implementation and compliance with ICAO Standards and Recommended Practices (SARPs), guidance material and the Global Aviation Safety Plan (GASP) in order to take a proactive approach to flight safety and the reduction of aircraft accidents. The project, which began in 2009 with an expected duration of three years, was extended through 2016.

Project achievements

A flight operations inspector and one national professional staff assisted the DGCA with the review, amendment and implementation of the Corrective Action Plan (CAP). Work continued on updating Civil Aviation Safety Regulations (CASRs) 121 and 135 as well as technical instructions, especially in the area of air carrier certification. The project staff coordinated assistance provided by the Netherlands and the Boeing Company related to the preparations for the assessment by the United States Federal Aviation Administration (FAA). Instructor and inspector training was coordinated, and the State safety plan and the CAP were monitored. An aviation law expert was deployed to DGCA Indonesia to review the conformity of the current primary aviation legislation and regulations with the Annexes to the Convention on International Civil Aviation and applicable policies of the Government of Indonesia. The aviation law expert evaluated the progress of completion of the CAP as well as of evidence of implementation for review and validation by ICAO.

Institutional strengthening of the Indonesian Civil Aviation Institute (ICAI) Curug, Indonesia (INS/11/801)***Project goal***

The objectives of this project, funded by the Indonesian Government's Human Resource Development in Transportation Agency (HRDTA), were to modernize all aspects of training provided by the Indonesian Civil Aviation Institute (ICAI) in the fields of aeronautical information service (AIS), air traffic management (ATM), communication, navigation, surveillance (CNS) and quality management and establish a quality management section to provide efficient and effective training to national and international students. The project, which began in 2012 with an expected duration of 12 months, was completed.

Project achievements

Part 2 of the ICAO TRAINAIR Plus Training Instructor Course (TIC) was delivered to eleven participants at the Curug campus.

Assistance in the development and implementation of environmental measures for civil aviation (INS/13/801)***Project goal***

The objectives of this project, funded by the Directorate General of Civil Aviation (DGCA), are to assist in strengthening the DGCA organizational structure for the sustainable development and implementation of the Indonesian response measures relating to climate change and carbon reduction emissions, including the preparation of a detailed proposal for implementing a related national action plan. This project began in November 2014 with an expected duration of three years.

Project achievements

A capacity-building programme was developed. Nine environment-related workshops were held for 15 national staff and 50 national stakeholders. A three-month English Proficiency course and a two-day on-the-job training (OJT) in Air Travel Demand Analysis were delivered to 11 national staff. Participation in the International Green Aviation Conference (IGAC 2015) was organized and a three-month fellowship awarded for two senior DGCA staff members. Advice on the establishment of an Environmental Unit was provided to the DGCA. Project staff assisted the DGCA with its contributions to the ICAO Committee on Aviation Environmental Protection (CAEP) and other regional and

international fora. The State's Action Plan on International Aviation Green House Gas Emissions Reductions was reviewed and amended. Two Memoranda of Understanding (MOU) were signed with the United States Federal Aviation Administration and the Boeing Company to cooperate in environmental matters. Input was provided for the negotiations between the DGCA and the Airbus Company for an additional MOU.

JAMAICA

Assessment and advice on efficient economic regulatory oversight of Jamaica's airports for Jamaica's Civil Aviation Authority (JAM/13/801)

Project goal

The objective of this project, funded by the Government of Jamaica, is to conduct an economic regulatory review of airport charges to be levied at Norman Manley and Sangster International Airports. The project will facilitate consultations and engagement with all relevant stakeholders and provide expert guidance in order to, inter alia, develop a proposal for airport charges, determine price-caps, regulatory models and templates and review airport submissions in accordance with ICAO's policies and guidance material on the subject. This project, which began in March 2014 with an expected duration of nine months, has been extended through 2016.

Project achievements

No major activities took place during the year.

Assistance with the management of air navigation services (ANS) infrastructure upgrade (JAM/15/801)

Project goal

The objective of this project, funded by the Government of Jamaica, is to assist the Jamaica Civil Aviation Authority (JCAA) with the management of an upgrade to its air navigation services in compliance with ICAO Standards and Recommended Practices (SARPs). This project began in August 2015 with an expected duration of two years.

Project achievements

An air traffic management expert/project coordinator was deployed.

KAZAKHSTAN

Strengthening of Kazakhstan civil aviation capacity (KAZ/14/801)

Project goal

The objectives of this project, funded by the Kazakhstani State enterprise "Kazaeronavigatsia", are: to strengthen the institutional and operational capabilities of the Civil Aviation Committee (CAC) and the Accident and Incident Investigation Department (AIID) of Kazakhstan by safeguarding and building on the results of the project KAZ/12/801;



and to assist in the capacity building of the CAC and the AIID mainly through training, with the aim of strengthening, on a sustainable basis, their capacity to effectively carry out safety oversight and investigation responsibilities. This project, which began in May 2014 with an expected duration of 13 months, has been extended through June 2016.

Project achievements

Two dangerous goods inspectors of the CAC were trained. Amendments were made to internal CAC procedures, including the introduction of limitations on the transport of dangerous goods by air. Checklists and guidance materials were developed to address findings identified during the ICAO Coordinated Validation Mission (ICVM). The regulation pertaining to air operator certification was modified to include a five-phase certification process. The World Geodetic System 1984 (WGS-84) was implemented, and a national facilitation programme was developed and adopted.

KUWAIT

Assistance in airport development and certification in Kuwait (KUW/13/801)

Project goal

The objective of this project, funded by the Government of Kuwait, is to assist the Directorate General of Civil Aviation (DGCA) in reviewing and evaluating proposals and initiatives for the development and modernization of Kuwait Airport and in preparing contractual documents and evaluating tenders received from consultants and contractors. It also aims at assisting the DGCA in the development and implementation of effective aerodrome certification and safety management systems (SMS) for the airport. This project began in July 2013 with an expected duration of five years.

Project achievements

A national civil aviation security programme (NCASP) and an airport security programme (ASP) were developed, and the creation of a corresponding security oversight mechanism was initiated. Assistance was provided in the development of a State Safety Programme (SSP) and in the preparation for an audit by the ICAO Universal Safety Oversight Audit Programme (USOAP). Training was delivered in the areas of aerodrome certification and aerodrome inspections to 84 DGCA staff members. A review was undertaken of related legislation and standard operating procedures (SOPs), and recommendations for the update of these documents were provided to the DGCA. Assistance was provided in the review of aerodrome expansion plans covering all aspects of design, construction and operation, as well as in the development of a financial policy and procedures manual.

LEBANON

Reactivation of the Civil Aviation Safety Centre (CASC) (LEB/02/801)

Project goal

The objective of this project, funded by the Government of Lebanon, is to reactivate the Civil Aviation Safety Centre (CASC). The project addresses issues related to human resources development and the transfer of technology to Lebanon. This project, which began in 2002 with an expected duration of one year, has been extended through 2016.



Project achievements

Expert services continued to be provided by national professionals, namely, one dangerous goods inspector, four flight operations inspectors, one personnel licensing expert and one national air transport expert.

Strengthening of the civil aviation sector (LEB/04/801)***Project goal***

The objectives of this project, funded by the Government of Lebanon, are to strengthen the safety oversight capability of the Flight Safety Directorate, to enhance the safety and efficiency of Beirut International Airport, to update safety oversight regulations, procedures and manuals to ensure their compliance with international requirements, and to reactivate the Civil Aviation Safety Centre (CASC). This project, which began in 2004 with an expected duration of one year, has been extended through 2016.

Project achievements

ICAO continued to provide administrative support. Three national staff are currently deployed.

MADAGASCAR**CAPS – Provision of technical assistance to the Malagasy Civil Aviation Authority (MDG/14/701)*****Project goal***

The objective of this project, funded by a contribution from France to the ICAO Safety Fund (SAFE), is to implement a civil aviation safety oversight system. This procurement project, implemented within the framework of the CAPS agreement signed between ICAO and the Malagasy Civil Aviation Authority in May 2014, began in May 2014 with an expected duration of 18 months and is ongoing.

Project achievements

Phase 1 of the project was completed, i.e. technical assistance was provided to resolve deficiencies identified by ICAO during audits carried out by ICAO and the European Union. Phase 2 of the project, i.e. assistance with capacity building in the area of safety oversight, was initiated.

MALI**Assistance to the United Nations Multidimensional Integrated Stabilization Mission in Mali (MINUSMA) (SUD/09/802)*****Project goal***

The objective of this project, funded by the United Nations Department of Peacekeeping Operations (UNDPKO), was to assist MINUSMA in carrying out a technical assessment on the mission's airfield lighting requirements at Gao,



Timbuktu, Kidal and Tessalit aerodromes. This project, which began in January 2015 with an expected duration of two weeks, was completed.

Project achievements

The airfield lighting requirements at the above-mentioned sites were assessed, and a scope of work, including technical specifications and cost calculations, was developed. A report on the activities was submitted to the United Nations Department of Field Support (UNDFS).

MAURITANIA

Assistance in the field of aerodromes and ground aids (AGA) (MAU/12/601)

Project goal

The objective of this project, funded by the Government of Mauritania, is to analyse and evaluate documentation related to the construction of a new airport and to assess its compliance with ICAO Annex 14 — *Aerodromes*. This project, which began in May 2013 with an expected duration of one month, has been extended through June 2016.

Project achievements

At the request of the State, the project scope was re-assessed and a draft project revision developed.

MEXICO

TRAINAIR PLUS Programme for the Aeropuertos y Servicios Auxiliares (ASA) (MEX/07/801)

Project goal

The objective of this project, funded by the Government of Mexico, is to advise and assist the “Centro Internacional de Instrucción de Aeropuertos y Servicios Auxiliares” (CIASA) in the delivery of the TRAINAIR Plus Training Developer Course and to advise on the development of Standardized Training Packages (STPs). This project, which began in 2008 with an expected duration of 12 months and which assisted ASA to achieve full membership in the ICAO TRAINAIR Programme in 2009, has been extended through December 2016.

Project achievements

Assistance was provided to the training centre in the delivery of training courses in civil aviation matters related to safety.

Technical cooperation assistance – Training personnel of the Directorate General of Civil Aviation (DGCA) (MEX/14/901)***Project goal***

The objective of this project, funded by the Government of Mexico, was to provide the Directorate General of Civil Aviation (DGCA) the necessary assistance to train DGCA personnel and pilots. The project, which began in September 2012 with an expected duration of five months, was completed.

Project achievements

The required training and technical assistance related to air traffic management was provided to 518 DGCA personnel and pilots.

MOZAMBIQUE**Civil Aviation Purchasing Services (CAPS) (MOZ/90/701)*****Project goal***

The objective of this project, funded by the Government of Mozambique, was to procure banners and posters for the Africa-Indian Ocean (AFI) Aviation Week 2015 in Maputo. This procurement project, implemented within the framework of the CAPS agreement signed between ICAO and Aeroportos de Moçambique (ADM) in June 1989, began in April 2015 and was completed.

Project achievements

Promotional material was procured for the event.

Support to the Government of Mozambique on aviation safety and security (MOZ/11/801)***Project goal***

The objective of this project, funded by the Government of Mozambique, is to provide technical support and assist the Government in enhancing its aviation safety and security oversight capabilities on the basis of the findings and recommendations of the Universal Security Audit Programme (USAP) and the Universal Safety Oversight Audit Programme (USOAP), as well as enhancing the regularity and efficiency of air transport operations in Mozambique. This project, which began in March 2012 with an expected duration of two years, has been extended through February 2016.

Project achievements

The gap analysis of the unsatisfactory Protocol Questions (PQs) in the areas of personnel licensing and aerodromes and ground aids was completed. Continued assistance was provided concerning flight operations and airworthiness, including the development and update of regulations and technical guidance material. Regulations related to the certification of air operators and approved maintenance organizations, safety management systems (SMS) and surveillance programmes were amended. A training programme was developed, and on-the-job training (OJT) was provided to ten national counterparts in all areas of activity.

NAMIBIA**Assistance to Namibia Civil Aviation – Safety oversight and security (NAM/08/801)*****Project goal***

The objective of this project, funded by the Government of Namibia, was to assist the Directorate of Civil Aviation (DCA) in reinforcing its safety and security oversight capabilities, after the ICAO Universal Safety Oversight Audit Programme (USOAP) audit conducted in 2006, through the identification of remaining deficiencies and implementation of corrective actions and establishing a sustainable certification and surveillance system. This project, which began in 2009, was completed.

Project achievements

The activities were carried over to a new project (Strengthening of Namibia's civil aviation capacity, NAM/14/801). The Project Terminal Report (PTR) was submitted to the DCA.

Strengthening of Namibia's civil aviation capacity (NAM/14/801)***Project goal***

The objective of this project, funded by the Government of Namibia, is to assist the Directorate of Civil Aviation (DCA) in capacity building and in addressing regional and global aviation objectives and priorities such as the establishment of an autonomous civil aviation authority, the implementation of the State Safety Programme (SSP), the certification of international aerodromes, the implementation of performance-based navigation (PBN) and the implementation of a runway safety programme. This project began in February 2015 with an expected duration of 36 months.

Project achievements

Support was provided to the DCA in the update and implementation of Corrective Action Plans (CAPs). A business plan for the establishment of an independent civil aviation authority was developed, and continued support was provided in the recertification of air operator certificate (AOC) holders and aircraft maintenance organizations (AMOs). The performance-based navigation (PBN) plan for Namibia was finalized and the implementation of PBN for the Windhoek Flight Information Region (FIR) initiated. Training programmes for national staff were updated and implemented. On-the-job training (OJT) was provided and more than 35 fellowships awarded covering such areas as flight operations, airworthiness, aerodromes and ground aids, air navigation services and aviation legislation. The recruitment of ten national professional staff and three international experts was completed, and the additional recruitment of five national professional staff and eight international experts was initiated.

Assistance to the Namibia Airports Company (NAM/14/802)***Project goal***

The objective of this project, funded by the Namibia Airports Company (NAC), is to assist NAC to comply with the national regulations in the areas of airport operations, airport engineering and safety management. This project began in December 2014 with an expected duration of 36 months.

Project achievements

The recruitment of three experts in the areas of airport operations, airport engineering and safety management was initiated.

NEPAL**Technical assistance to the Civil Aviation Authority of Nepal (CAAN) in resolving safety oversight deficiencies in the areas of flight operations, airworthiness and personnel licensing (NPL/15/801)*****Project goal***

The objective of this project, funded by the ICAO Safety Fund (SAFE) and the Civil Aviation Authority of Nepal (CAAN), is to provide technical assistance and training for developing the CAAN's capacity in the areas of flight operations, airworthiness and personnel licensing. This project began in December 2015 with an expected duration of 11.5 months.

Project achievements

The selection and deployment of experts in the areas of flight operations, airworthiness and personnel licensing were initiated.

NIGERIA**Assistance to Civil Aviation – TRAINAIR Project (NIR/02/801)*****Project goal***

The objective of this project, which is funded by the Nigerian College of Aviation Technology (NCAT), is to support NCAT's training activities through the procurement of training material and services. After a prolonged period of inactivity, this project, which began in 2002 with an expected duration of five years, resumed in May 2015 and has been extended through 2016.

Project achievements

Assistance in financial and administrative matters was provided to the NCAT. Activities were undertaken for the establishment of instructor training courses.

Civil Aviation Purchasing Services (CAPS) (NIR/06/701)***Project goal***

The objective of this project, funded by the Federal Airports Authority of Nigeria (FAAN), is to assist FAAN in the procurement of wildlife hazard control equipment. This procurement project, implemented within the framework of the CAPS agreement signed between ICAO and FAAN in March 2006, began in October 2015 with an expected duration of nine months and is ongoing.

Project achievements

A request for quotation (RFQ) for wildlife hazard control equipment was issued.

Conduct of safety risk assessments for the introduction of CPDLC and ADS-C solutions and services (NGA/15/601)***Project goal***

The objective of this project, which is funded by the Nigerian Airspace Management Agency (NAMA), is to provide assistance in the conduct of safety risk assessments for the introduction of controller-pilot data link communication (CPDLC) and automatic dependent surveillance-contract (ADS-C) solutions and services at the Lagos and Kano control centres to enhance long-range data communication between air traffic controllers and pilots. This project, which began in May 2015, with an expected duration of nine weeks, has been extended through March 2016.

Project achievements

A safety management expert was recruited. During Stage 1 of the project, a safety risk assessment for the introduction of CPDLC and ADS-C was conducted and mitigation measures were defined.

Assistance to the NCAA in the preparation of a USOAP comprehensive systems approach audit (NGA/15/801)***Project goal***

The objective of this project, which is funded by the Nigerian Civil Aviation Authority (NCAA), is to provide assistance in the preparation of the State's Universal Safety Oversight Audit Programme (USOAP) Continuous Monitoring Approach (CMA) audit. This project, which began in June 2015 with an expected duration of one month, has been extended through March 2016.

Project achievements

Six experts were recruited to conduct a gap assessment of the USOAP Protocol Questions (PQs) in the areas of primary aviation legislation and civil aviation regulations; civil aviation organization; aircraft operations; personnel licensing and training; airworthiness of aircraft; aerodromes and ground aids; and air navigation services. The gap assessment was carried out and the development of the corresponding report initiated.

PANAMA**Strengthening of the Tocumen International Airport of Panama (PAN/03/902)*****Project goal***

The objectives of this project, funded by Tocumen International Airport, are to assist the Government of Panama in the modernization of airport facilities, including the management of projects for the expansion of the airport and the procurement of equipment necessary for its operation, and to ensure that airport operations are carried out in accordance with ICAO Standards and Recommended Practices (SARPs). The project, which began in 2003 with an expected duration of one year, has been extended through 2016.

Project achievements

Assistance was provided in: the maintenance of safety equipment for explosive trace detection (ETD) and a baggage inspection system; the expansion in infrastructure and equipment; the increased use of new systems and technologies; and the standardization of processes. Assistance was initiated related to the design, construction and installation of three fuel tanks; the supply, installation and placing into operation of a thermal treatment plant; and the establishment of a fauna control service.

Operational and technical strengthening of the Civil Aviation Authority of the Republic of Panama (PAN/12/801)***Project goal***

The objective of this project, funded by the Government of Panama, was to assist the Civil Aviation Authority (CAA) to acquire technical, operational and management expertise in the areas of air navigation and aerodromes including communications, navigation and surveillance, safety and aviation security through the training of specialized technical and operational personnel, expert advice, procurement of equipment for the provision of services, and strengthening of the administrative and executive management of air navigation services and airport operations. The project, which began in 2009 with an expected duration of three years, was completed.

Project achievements

Assistance was provided by 277 international experts in the areas of airworthiness, aviation security, air navigation services, quality control, and airport inspection through the delivery of training. On-the-job training, classroom training and seminars were provided to ACC personnel in the areas of air traffic control, aviation security and aviation law.

PARAGUAY**Airports development (PAR/08/801)*****Project goal***

The objective of this project, funded by the Government of Paraguay, is to assist the National Civil Aviation Directorate (DINAC) in the strengthening of the administrative and technical management of airport services as well

as assisting in a revision of the organizational structure and legal framework of DINAC. The project has been revised to include the supervision and management of the improvement of Silvio Pettirossi International Airport (AISP), the conduct of a pre-feasibility study and a feasibility study and the development of a master plan to enhance the air terminal building and associated aeronautical services, as well as the supervision of civil works. This project began in August 2009 and has been extended through 2018.

Project achievements

Corrective actions have been proposed to rectify several findings identified in the ICAO Universal Safety Oversight Audit Programme (USOAP) report and improve the organizational structure of DINAC. The pre-feasibility study and the feasibility study for this airport were conducted. A master plan for the AISP was developed as the basis for a tender process for civil works as well as the management of the airport. Terms of reference and terms and conditions were submitted to the Government.

PERU

Aeronautical strengthening and continuous improvement of safety (PER/12/801)

Project goal

The objective of this project, funded by the Directorate General of Civil Aviation (DGCA) of Peru, is to ensure the necessary technical and professional means for the DGCA to adequately fulfil its responsibilities, including the strengthening of the civil aviation system and continuous improvement of safety levels according to National Civil Aviation regulations and ICAO Standards and Recommended Practices (SARPs). This project began in February 2012 with an expected duration of five years.

Project achievements

Continued support was provided in the preparation of contingency plans for air navigation services. National professionals were contracted and assistance was provided for mission travel and training for 12 staff of the air navigation service. DGCA was supported in its ISO 9001:2008 recertification. Specialized personnel completed the automation for flight itinerary records and implemented a web platform to record the results of national aviation security oversight activities. Consultancy services were provided by ICAO experts for the construction of a parallel runway at the Jorge Chávez International Airport in Lima.

Assistance for the tendering of conventional meteorological equipment (PER/13/808)

Project goal

The objective of this project, funded by the Government of Peru, was to assist in the tendering process for meteorological equipment. This project, which began in December 2014 with an expected duration of seven months, was completed.

Project achievements

The tender process was completed and the contract awarded.

Assistance for the tendering of control tower workstations (PER/14/801)***Project goal***

The objective of this project, funded by the Government of Peru, was to assist in the tendering process for improving workstations of the air traffic control tower. This project, which began in October 2014 with an expected duration of seven months, was completed.

Project achievements

The tender process was completed and the contract awarded.

Assistance for the tendering to reposition a primary radar system (PER/14/802)***Project goal***

The objective of this project, funded by the Government of Peru, was to assist in the tendering process for equipment aimed at improving Lima's primary radar system. This project, which began in June 2015 with an expected duration of three months, was completed.

Project achievements

The tender process was completed and the contract awarded.

Assistance for the tendering of conventional mobile control tower (PER/15/803)***Project goal***

The objective of this project, funded by the Government of Peru, was to assist in the tendering process for mobile control tower equipment. This project, which began in April 2015 with an expected duration of seven months, was completed.

Project achievements

The tender process was completed.

Assistance for the tendering of an e-passport system (PER/15/804)***Project goal***

The objective of this project, funded by the Government of Peru, is to assist in the tendering of an e-passport system for the country. This project started in August 2015 with an expected duration of seven months.

Project achievements

Terms of reference (TOR) for the e-passport system were reviewed.



REPUBLIC OF KOREA**Republic of Korea – ICAO Developing Countries Training Programme (ROK/12/801)*****Project goal***

The objective of this project, funded by the Government of the Republic of Korea, is to assist the Ministry of Land, Transport and Maritime Affairs of the Republic of Korea (MLTM) in the administration of a training programme for participants from developing countries selected by the MLTM. This assistance covers administrative support such as the distribution of information to ICAO Member States and the issuance of correspondence including notification letters of fellowship awards and letters of rejection. This project, which began in 2012 for an expected duration of one year, was completed in 2014, but reopened in 2015 and has now been extended to 2016.

Project achievements

A total of 258 fellowship awards were issued by ICAO to participants from 64 developing countries for training conducted at the Korea Civil Aviation Training Centre (KCATC) and the Incheon International Airport Corporation Aviation Academy in the disciplines of aerodrome inspection, airport and air navigation facilities policy for executives, airport construction and operation, airport greenhouse gas management, airport lighting operation and management, airport pavement evaluation, airport terminal operation, aviation policy for executives, aviation security (AVSEC) and safety, national inspectors, Doppler very high frequency (VHF) omnidirectional radio range (VOR)/distance measuring equipment (DME), electronic safety tools, instrument landing systems (ILS) maintenance, navigational aids (NAVAIDS) installation and operation, and radar approach control.

RWANDA**Assistance in the implementation of e-passport project in Rwanda (RWA/15/802)*****Project goal***

The objective of this project, funded by the Directorate General of Immigration and Emigration (DGIE) Rwanda, is to provide consultancy services for the e-passport project implementation, including the assessment of stakeholder requirements, development of technical specifications for tender formulation, assistance in the evaluation of proposals, monitoring of project implementation and final system acceptance. This project, which began in May 2015 with an expected duration of 18 weeks, has been extended through June 2016.

Project achievements

An e-passport expert and an e-border expert were recruited. Based on the assessment of the State's public key infrastructure (PKI) and existing work processes, gaps were identified with a view to developing related policies, rules and regulations. Technical specifications were developed for the tender of the e-passport project.

SAUDI ARABIA**General Authority of Civil Aviation (SAU/97/802 and SAU/97/801)*****Project goal***

The objectives of this project, funded by the Kingdom of Saudi Arabia, are to support the General Authority of Civil Aviation (GACA) in providing safe, efficient and cost-effective aviation services; keep the GACA up to date on changes in the civil aviation environment; prepare the GACA for the introduction of new technologies; and assist the GACA in replacing foreign experts with national experts through professional training of qualified Saudi Arabian counterparts. This project, which began in 1997 with an initial duration of six years, has been extended through June 2016.

Project achievements

Fifteen ICAO operational assistance (OPAS) officers worked on this project in 2015. ICAO's participation lies in the endorsement of development of appropriate standards, procedures and a long-term programme for civil aviation safety services. Consultancy services were provided to GACA and Saudi counterparts as required, in support of ongoing capital work projects. The ICAO OPAS officers, together with Saudi national instructors, provided GACA personnel with complementary training courses in the areas of communications, navigation and surveillance/air traffic management (CNS/ATM), radar/non-radar and simulator. Expertise was provided to GACA to execute an overall inspection programme of Saudi-registered aircraft to ensure airworthiness compliance with the recommended procedures and required practices. Base inspections were performed of air carriers and operators and to provide safety oversight for GACA-certified repair stations. Air navigation services experts continued to promote a high degree of effectiveness and professionalism in all facets of the development, upgrading, monitoring and commissioning of systems and procedures. Air traffic service instructor experts continued to review, update and enhance training curriculum and instructional delivery techniques. Assistance was provided to the Government in replacing foreign experts with Government national employees recruited to most civil aviation professional positions within the GACA organization.

SINGAPORE**Singapore – ICAO Developing Countries Training Programme (SIN/12/801)*****Project goal***

The objective of this project, funded by the Civil Aviation Authority of Singapore (CAAS), is to assist with the administration of a programme to train participants from developing countries, as selected by the Singapore Aviation Academy (SAA). The assistance covers administrative support such as the distribution of information to ICAO Member States and the issuance of correspondence including notification letters of fellowship and scholarship award and letters of rejection. This project, which began in 2012 with an expected duration of one year, has been extended through March 2019.

Project achievements

Eighty-eight participants from 42 developing countries were selected for participation in courses, programmes, scholarships and workshops, which were conducted at the SAA in the disciplines of air navigation services (ANS),



leadership and management, air traffic management (ATM) safety investigation and analysis, civil aviation management, emergency management, safety audits of air traffic services, safety oversight inspectors (airworthiness and flight operations), State Safety Programme (SSP), and an Aviation Leaders Scholarship for a diploma in civil aviation management.

Assistance to the Changi Airport Group (Singapore) Pte Ltd (CAG) in improving airside safety management at Changi Airport (SIN/13/802)

Project goal

The objective of this project, funded by the Changi Airport Group (CAG), was to assist the CAG in improving airside safety management at Changi Airport. In particular, the project objectives were to review accident/incident trends and statistics to determine a comprehensive airside safety management plan and to develop a safety culture in ramp operations and to improve management of foreign objects damage (FOD) risk. This project, which began in December 2014 with an expected duration of five months, was completed.

Project achievements

In the context of a benchmarking exercise, interviews were conducted with other airports regarding their FOD risk management programmes. Relevant documents from ICAO and the Civil Aviation Authority of Singapore (CAAS) as well as previous project reports and documents from CAG were reviewed. An on-site visit was conducted by the airport operations expert to review and evaluate the Changi Airport FOD management programme.

Assistance to the Changi Airport Group Pte Ltd in regard to aerodrome safety during airport expansion (SGP/14/801)

Project goal

The objective of this project, funded by the Changi Airport Group (CAG), was to provide advice to CAG regarding a construction methodology related to airport expansion, including the distribution of cables and pipes and soil improvement activities in close proximity to the active runway. This project, which began in March 2015 with an expected duration of two and half months, was completed.

Project achievements

An aerodrome civil engineer and an aerodrome certification expert-civil engineer were recruited and deployed to Changi Airport to conduct on-site activities. Assistance was provided to CAG concerning airport certification and construction matters. Potential impacts to safety of operations were identified. Recommendations on risk control actions were provided, and a review of emergency response plans and training programmes associated with the construction was carried out.

Consultancy on Civil Aviation Authority of Singapore aerodrome major audit for Changi Airport (SGP/15/801)***Project goal***

The objective of this project, funded by the Civil Aviation Authority of Singapore (CAAS), was to provide CAAS with advisory support in the conduct of a major audit of Changi Airport, to check compliance with ICAO Annex 14 – *Aerodromes*, as well as other relevant national regulations and best practices. This project, which began in July 2015 with an expected duration of 35 working days, was completed.

Project achievements

Assistance was provided to CAAS to conduct a major audit of Changi Airport for its recertification process. Guidance was provided for the revision of CAG's safety management system (SMS) to be commensurate with the scale and complexity of its operations and integrated into the day-to-day operations.

Assistance to the Changi Airport Group Pte Ltd in regard to compatibility of aircraft arrestment systems on safety of aircraft operations on a civil-military co-use runway (SGP/15/802)***Project goal***

The objective of this project, funded by the Changi Airport Group (CAG), is to provide assistance to CAG regarding compatibility of the hook wire aircraft arresting systems with aircraft safety operations on the civil-military co-use Runway 3 (02R/20L) at Changi Airport. This project, which began in October 2015 with an expected duration of one and a half months, has been extended into 2016.

Project achievements

The recruitment and deployment of an aerodrome civil engineer and a flight procedures design expert were initiated.

SOMALIA**Civil Aviation Caretaker Authority for Somalia (CACAS)/Flight Information Services for Somalia (FISS) (SOM/95/901)*****Project goal***

This project, which was funded from aeronautical charges collected through the International Air Transport Association (IATA), was implemented as a UNDP cost-sharing project and was based on the authorization given to ICAO by the United Nations Secretary-General to act upon civil aviation matters with respect to Somalia. Its objective was to provide assistance, under the supervision of the Director of the Technical Cooperation Bureau of ICAO, in the operation and maintenance of essential facilities, equipment and services for international air transport operations. This included humanitarian and relief flights and local flight operations within the Mogadishu Flight Information Region (FIR), as far as feasible, in order to meet immediate requirements for safety; to assist in the rehabilitation and development of the aviation infrastructure, where feasible and provided these activities were financed from sources other than air navigation charges; and to plan, programme and develop an essential nucleus for the establishment of a functional civil aviation administration structure for the Government of Somalia. This project, which began in 1996



with an expected duration of seven years, was initially extended through 2006. Due to the continuing political instability of the country and non-availability of a functional national government, it was subsequently extended through 2012. In view of the expiry of the United Nations mandate, and further to an agreement with the Federal Government of Somalia (FGS), the project transitioned from a UN environment to a bilateral project between ICAO and the FGS and was incorporated into SOM/95/901 (Trust Fund) and subsequently into the new project SOM/14/802 which commenced in February 2015.

Project achievements

Ongoing procurement activities under this project were completed, including the procurement of the controller-pilot data link communications (CPDLC)/ automatic dependent surveillance-contract (ADS-C) equipment to be located at the project office in Nairobi. Operational activities and project personnel were transferred to project SOM/14/802. Incoming funds from the aeronautical overflight charges collected by IATA continue to be deposited in the SOM/95/901 Trust Fund.

Capacity building for aviation regulation through the establishment of an effective legal framework for Somalia and a safety oversight system for air navigation services (SOM/14/801)

Project goal

The objective of this project, which is funded by the Federal Government of Somalia, is to build capacity in Somalia related to the regulation of civil aviation through the establishment of an effective legal framework for safety regulation and oversight of air navigation services (ANS) over the Mogadishu Flight Information Region (FIR) from Somalia. This project began in May 2015 with an expected duration of 12 months.

Project achievements

The recruitment of an aviation legislation expert was initiated.

Implementation of Transition Plan: Establishment of Area Control Centre within Mogadishu FIR (SOM/14/802)

Project goal

The objective of this project, funded by the Federal Government of Somalia (FGS), is the implementation of the transition plan for the handover of the control of the airspace and provision of air navigation services (ANS) within the Mogadishu Flight Information Region (FIR) from the ICAO Flight Information Services for Somalia (FISS) project in Nairobi to the FGS, while ensuring continuity of the provision of services during the transition. This project began in February 2015 with an expected duration of 39 months.

Project achievements

This new project incorporates the former project “Flight Information Services for Somalia (FISS)” and continues to provide flight information services (FIS), including aeronautical information services (AIS), aeronautical communication (AEROCOM) and aeronautical meteorological services (AEROMET) on a 24-hour basis to flights over the Mogadishu FIR from the project office located in Nairobi. The contract for the implementation of a controller-pilot data link communications (CPDLC) and automatic dependent surveillance-contract (ADS-C) system to be installed at the flight information centre in Nairobi, which was previously suspended, has been reinstated and its implementation

was initiated. Close liaison was maintained with the civil aviation authorities of Somalia to provide advice and support in the rebuilding of capacity for the regulation and management of civil aviation services. In preparation for the transfer of the air navigation services (ANS), new staff were recruited and trained under the project.

Assistance to United Nations Support Office for the African Union Mission in Somalia (UNSOA) in the assessment of aerodromes (SUD/09/802)

Project goal

The objective of this project, funded by the United Nations Department of Peacekeeping Operations (UNDPKO), was to assist UNSOA in the assessment of aerodromes. This project, which began in September 2015 with an expected duration of three weeks, was completed.

Project achievements

An assessment of Mogadishu, Baidoa, Beledweyne, Kismayo, and Baledogle airfields was carried out. Technical specifications were developed for the maintenance, rehabilitation and construction of airside surfaces and infrastructure in compliance with ICAO Standards and Recommended Practices (SARPs). Generic statements of work were developed for each particular airfield rehabilitation/construction project. A report on the activities was submitted to the United Nations Department of Field Support (UNDFS).

SOUTH SUDAN

Assistance to the United Nations Mission in South Sudan (UNMISS) (SUD/09/801)

Project goal

The objective of this project, funded by the United Nations Department of Peacekeeping Operations (UNDPKO), was to provide technical advice to UNMISS and oversight for the construction of an aircraft parking apron and adjoining taxiways at Juba International Airport. This project, which began in July 2014 with an expected duration of two months, was completed in 2014, but was reopened in 2015 and is now completed.

Project achievements

The ground/surface conditions of the Juba International Airport were assessed. Assistance was provided to UNMISS in ensuring compliance with ICAO Standards and Recommended Practices (SARPs) through the conduct of oversight activities during the testing of materials and pavement layers and through an assessment of the construction work plan. Technical guidelines and specifications to be included in the construction work were proposed, and a report on the activities was submitted to the United Nations Department of Field Support (UNDFS).

Assistance to the United Nations Interim Security Force for Abyei (UNISFA) (SUD/09/802)***Project goal***

The objective of this project, funded by the United Nations Department of Peacekeeping Operations (UNDPKO), was to assist UNISFA in the design of a statement of work for the runway, apron and taxiways at Athony Aerodrome. This project, which began in February 2015 with an expected duration of three weeks, was completed.

Project achievements

Technical options for the required works at Athony Aerodrome were identified and their feasibility assessed. Based on the outcome of these activities, a technical statement of work for the required airside surfaces construction was developed.

SUDAN**Consultancy services for the Civil Aviation Authority of Sudan (SUD/11/801)*****Project goal***

The objective of this project, funded by the Government of Sudan, is to ensure compliance of the Sudan Civil Aviation Authority (SCAA) with the international aviation Conventions, ICAO Standards and Recommended Practices (SARPs) and related guidance material, and to enhance SCAA's capability to review, update and effectively apply safety oversight, air traffic management (ATM) and personnel licensing regulations, procedures, documents and manuals according to national and international requirements and standards. The project, which began in September 2011 with an expected duration of twelve months, has been extended through September 2016.

Project achievements

Services continued to be provided by one international aviation medicine expert. Consultancy services were provided to SCAA for the establishment of guidance material for their aviation medical examiners.

UGANDA**Civil Aviation Purchasing Services (CAPS) (UGA/11/701)*****Project goal***

The objective of this project, funded by the Civil Aviation Authority (CAA) of Uganda, is to provide a master plan and a detailed design for Kabaale Airport. This procurement project, implemented within the framework of the CAPS agreement signed between ICAO and the Uganda Civil Aviation Authority in October 2011, began in December 2014 with an expected duration of 18 months and is ongoing.

Project achievements

The airport master plan and preliminary studies for Kabaale Airport were provided.

Assistance for the development of a 20-year Civil Aviation Master Plan (CAMP) for Uganda (UGA/11/801)***Project goal***

The objective of this project, funded by the Civil Aviation Authority (CAA) of Uganda, was to assist Uganda in the development of a Civil Aviation Master Plan (CAMP) for the period 2012-2031 to serve as a guide for the development of the sector. The objectives of the project were revised to include the provision of a detailed design for the new airport at Kabaale. This project, which began in May 2012 with an expected duration of 11 months, was completed.

Project achievements

The activities related to the detailed design for the new airport at Kabaale were transferred to project UGA/11/701 - Civil Aviation Purchasing Services.

UNITED REPUBLIC OF TANZANIA**Civil Aviation Purchasing Services (CAPS) (TZA/14/701)*****Project goal***

The objective of this project, funded by the Tanzania Civil Aviation Authority (TCAA), is to procure surveillance systems for international airports. This procurement project, implemented within the framework of the CAPS agreement signed between ICAO and the Tanzania Civil Aviation Authority in November 2014, began in August 2014 with an expected duration of 24 months and is ongoing.

Project achievements

The equipment specifications for the surveillance systems were reviewed.

URUGUAY**Civil Aviation Purchasing Services (CAPS) (URU/05/701)*****Project goal***

The objective of this project, funded by the Directorate of Civil Aviation and Infrastructure (DINACIA), is to procure equipment to strengthen the aeronautical authorities. This procurement project, implemented within the framework of the CAPS agreement signed between ICAO and DINACIA in January 2006, began in August 2014, with an expected duration of 18 months and is ongoing.



Project achievements

The procurement of a fire-fighting vehicle was carried out and related training was provided to two national personnel. The equipment procured was commissioned and is under warranty.

Strengthening of the Directorate of Civil Aviation and Infrastructure (DINACIA) (URU/08/801)***Project goal***

The objectives of this project, funded by the Government of Uruguay, are to ensure the provision of technical, administrative and professional resources enabling the Civil Aviation Authority to exercise its safety oversight responsibilities in accordance with ICAO Standards and Recommended Practices (SARPs) and Latin American Aeronautical Regulations (LARs), as well as to modernize air traffic services. The project, which began in 2009 with an expected duration of four years, has been extended through August 2019.

Project achievements

Continued support was provided in the implementation of a comprehensive continuous monitoring plan for safety oversight, including a total of ten inspections in the areas of flight operations and airworthiness, and to the local authorities through the recruitment of national professionals in specialized areas, including aeronautical and information technology engineers, operations and airworthiness inspectors, an international affairs advisor, and a human resources (HR) specialist. Training was carried out in the areas of flight operations, quality assurance, Latin American Aviation Regulations (LARs) and personnel licensing. Training efforts included a total of 17 seminars and workshops provided for 75 national personnel. Twenty-five international experts were recruited in the areas of civil aviation organization, human resources and safety management systems.

INTER-COUNTRY AND INTER-REGIONAL LISTINGS**AFRICA REGION****Assistance for the establishment of the Banjul Accord Group Accident Investigation Agency (BAGAIA) (BGA/09/801)*****Project goal***

The objective of this project, funded by Member States of the Banjul Accord Group (BAG) (Cabo Verde, Gambia, Ghana, Guinea, Liberia, Nigeria and Sierra Leone) and with in-kind and financial support from the African Development Bank and the United States Federal Aviation Administration (FAA), is to assist BAG Member States to establish the BAG Accident Investigation Agency (BAGAIA), whose mission is to assist, in particular, the BAG Member States in the conduct of independent investigations of aircraft accidents and serious incidents in compliance with international standards. This project, which began in September 2012 for an initial duration of 12 months, has been extended through 2016.

Project achievements

A joint BAGAIA-State of occurrence serious incident investigation was conducted. The report of this investigation was finalized. Thirty-six officials from BAG Member States, ICAO and the Industry participated in the 14th plenary meeting of the BAG in Praia, Cabo Verde. The third and fourth BAGAIA aircraft accident investigation (AAI) courses were held in Lagos and Abuja, Nigeria, respectively. Conducted by the BAGAIA Commissioner and two other instructors, the courses were attended by 79 participants. An informal BAGAIA Commission side meeting was held during the AAI courses.

Cooperative Development of Operational Safety and Continuing Airworthiness Programme – SADC (COSCAP-SADC) (RAF/01/802)***Project goal***

The objective of this project, funded by Member States of the Southern African Development Community (SADC) (Angola, Botswana, Democratic Republic of the Congo, Lesotho, Madagascar, Malawi, Mauritius, Mozambique, Namibia, Seychelles, South Africa, Swaziland, United Republic of Tanzania, Zambia and Zimbabwe), with financial and in-kind input from the European Aviation Safety Agency (EASA) and the United States Federal Aviation Administration (FAA), is to establish a semi-permanent or permanent regional cooperative organization referred to as the SADC Aviation Safety Organization (SASO) whose mandate is to carry out the full range, or part as required, of certification and surveillance functions on behalf of SADC Member States and to establish a training resource centre in these areas. This project, which began in April 2008 with an expected duration of 30 months, has been extended through March 2016.

Project achievements

Continued assistance was provided in the establishment of the SASO. Classroom and on-the-job training (OJT) were provided to SADC Member States in several areas, including air navigation services (ANS), air transport operator certification, aviation legislation, dangerous goods, human factors, surveillance and third country operators/safety

assessment of foreign aircraft. In collaboration with EASA, through the Support to Improvement on Aviation Safety in Africa (SIASA) project, training courses were delivered to airworthiness inspectors on technological impacts on airworthiness and air operator certificate operations specifications. Technical assistance missions were conducted to assist Member States with the implementation of Corrective Action Plans (CAPs).

Cooperative Development of Operational Safety and Continuing Airworthiness Programme – UEMOA (COSCAP-UEMOA) (RAF/01/807)

Project goal

The objectives of this project, funded by “Union Économique et Monétaire Ouest Africaine” (UEMOA) Member States (Benin, Burkina Faso, Côte d'Ivoire, Guinea-Bissau, Mali, Niger, Senegal and Togo), Mauritania, and with financial and in-kind contributions from the African Development Bank, the Boeing Company, the European Aviation Safety Agency (EASA), the European Commission and the French Cooperation, are to enhance the safety of air transport operations; augment technical knowledge and qualifications of national inspectors by providing theoretical and on-the-job training; perform air operator certification and surveillance tasks on behalf of the civil aviation authorities; and establish an aerodrome inspection and certification programme which will lead to the creation of an aviation safety organization among the Member States. This project, which began in 2004 with an expected duration of three years, has been extended through December 2016.

Project achievements

The common aviation safety regulations were reviewed, updated and validated, with the active participation of Member States' national aviation safety inspectors, and additional guidance material was developed for national inspectors. Continued assistance was provided in the establishment of the “Agence communautaire de supervision de la sécurité et de la sûreté de l'aviation civile” (ACSAC) through the development of internal procedures for the future agency. Training was delivered to 97 national aviation safety inspectors in the areas of personnel licensing, aircraft operations and certification of aerodromes and on the application of guidance material. Project staff assisted in the preparation and conduct of the 11th meeting of the COSCAP-UEMOA Steering Committee. Technical assistance missions were conducted in Benin, Guinea-Bissau, Côte d'Ivoire, Mali, Niger, Senegal and Togo in the areas of personnel licensing, airworthiness, aircraft operations, aerodrome certification and human resources.

Assistance to the African and Malagasy Civil Aviation Authorities (AAMAC) for the establishment of an international safety oversight entity (RAF/10/801)

Project goal

The objective of this project, funded by the AAMAC, which is composed of the ASECNA Member States (i.e. Benin, Burkina Faso, Cameroon, Central African Republic, Chad, Comoros, Congo, Côte d'Ivoire, Equatorial Guinea, Gabon, Guinea-Bissau, Madagascar, Mali, Mauritania, Niger, Senegal and Togo) is to assist in the migration of AAMAC from its current cooperative framework to an International Organization (Regional Safety Oversight Organization) that will assist its Member States in the performance of their safety oversight functions, as required. The project, which began in September 2010 with an expected duration of 12 months, has been extended through June 2016.

Project achievements

Continuous assistance was provided in the establishment of the AAMAC Executive Secretariat, including a briefing to the newly appointed Executive Secretary. Staff rules and financial regulations were finalized, the 2016 work plan was prepared, and job descriptions for additional staff to be recruited were reviewed. Drafting of manuals on surveillance charges and procedures was initiated.

Assistance to the Agency for Air Navigation Safety in Africa and Madagascar (ASECNA) (RAF/11/801)***Project goal***

The objective of this project, funded by the Agency for Air Navigation Safety in Africa and Madagascar (ASECNA – which is composed of Benin, Burkina Faso, Cameroon, Central African Republic, Chad, Comoros, Congo, Côte d'Ivoire, Equatorial Guinea, Gabon, Guinea-Bissau, Madagascar, Mali, Mauritania, Niger, Senegal and Togo) and France is to assist in the procurement of monopulse secondary surveillance radar (MSSR) systems with Mode S functionality and air traffic management (ATM) systems to support area, approach and tower air traffic control operations and related services including all necessary civil works to be supplied to ASECNA within the framework of its surveillance extension project. This project, which began in December 2011 with an expected duration of 18 months, has been extended through November 2016.

Project achievements

The ATM site installation was satisfactorily completed for Cotonou (Benin), Bamako (Mali) and Bissau (Guinea-Bissau). The upgrade related to the Gridded Binary Data (GRIB) 2 feature on the ATM systems as well as the aeronautical fixed telecommunications network (AFTN) on internet protocol (IP) capability that were included in the contract and the amendment was successfully implemented. A failure identified on the rotating systems of the radar was corrected on all sites. The scope of the project was further expanded to include the provision of aerodrome and en-route simulators and associated equipment and services. The detailed system design was approved. ICAO and ASECNA attended the factory acceptance tests of the simulators. The equipment was subsequently shipped to the concerned sites. Initial operational and technical factory training for the simulators was delivered to ASECNA staff.

Technical and operational audit of the Africa-Indian Ocean Region Satellite Network (AFISNET) (RAF/13/602)***Project goal***

The objective of this project, funded by the Satellite Network Management Committee (SNMC) Member States and Organizations, i.e. the Agency for Air Navigation Safety in Africa and Madagascar (ASECNA), the Ghana Civil Aviation Authority (GCAA), the Nigerian Airspace Management Agency (NAMA) and the Roberts Flight Information Region (FIR), was to assist in the performance of a technical and operational audit of the Africa-Indian Ocean Region Satellite Network (AFISNET) and provide a report on identified deficiencies with recommendations for corrective actions, as well as a detailed network development plan (architecture, protocol, access techniques, cost) with phased implementation. The project, which began in December 2013 for an expected duration of four months, was completed.

Project achievements

Contract negotiations with the selected consultancy company to perform the audit were completed. Following the kick-off meeting conducted in Lagos, Nigeria, with the participation of representatives from ASECNA, GCAA, NAMA and Roberts FIR, a total of ten earth stations were assessed. In accordance with the contract, two interim reports were produced and discussed at a progress review meeting held in Accra, Ghana. A subsequent draft final report was submitted to the SNMC followed by a review meeting in Dakar, Senegal. The draft report was finalized and presented to the Chief Executives Officers (CEOs) and Directors General (DGs) of the participating organizations who approved the reports and their recommendations. An implementation plan was developed by SNMC and submitted for approval by the SNMC CEOs and DGs. Progress made was reported to the Africa-Indian Ocean Planning and Implementation Regional Group (APIRG) meeting held in Yamoussoukro, Cote d'Ivoire.

African Flight Procedure Programme (AFPP) (RAF/14/801)***Project goal***

The objective of this project, funded by Angola, Burkina Faso, Cabo Verde, Cameroon, Comoros, Congo, Côte d'Ivoire, the Democratic Republic of the Congo, Djibouti, Gabon, Gambia, Ghana, Guinea, Kenya, Mali, Mauritania, Mozambique, Niger, Nigeria, Rwanda, Senegal, Sierra Leone, Togo, Uganda, the United Republic of Tanzania, and a contribution from France to the ICAO Safety Fund (SAFE), is to develop sustainable capability in the instrument flight procedure (IFP) domain so as to meet States' commitments under Assembly Resolution A37-11 for performance-based navigation (PBN) implementation and their obligations for the quality of their IFPs. Guinea-Bissau, Madagascar and Zimbabwe participate in this project as user not contributor States. This project began in June 2014 with an expected duration of three years.

Project achievements

Two workshops on quality assurance (QA) for IFPs and one workshop on airspace design were delivered. Training was provided for the design and approval of Procedures for Air Navigation Services – Aircraft Operations (PANS-OPS). Support was provided to five Member States in conventional and PBN flight procedures design. Assistance was provided in the development of national PBN implementation plans and the approval of PBN procedures. The implementation of a flight procedure design service was initiated, and on-the-job training (OJT) was provided to flight procedure designers of two Member States.

AMERICAS REGION**Training of aeronautical personnel in the CAR/SAM Region (RLA/97/903)*****Project goal***

The objective of this project, funded by the Government of Spain, is to improve the operational management of air navigation services providers (ANSPs), airport operators and other services providers, through participation in conferences, seminars and fellowship programmes. The project, which began in 1997, was completed in 2014, but re-opened for additional activities in 2015 and has been extended through 2016.

Project achievements

Two international seminars were delivered on Management of Human Resources and Regional Airports with the participation of 87 officials from civil aviation administrations in the region. In the field of international cooperation, 43 fellowships, each with a duration of two weeks, were awarded for an airport master's programme, which covered areas such as airport operations, air navigation services and airport management.

Regional safety oversight system (RLA/99/901)***Project goal***

The objective of this project, funded by the Governments of Argentina, Bolivia (Plurinational State of), Brazil, Chile, Colombia, Cuba, Ecuador, Panama, Paraguay, Peru, Uruguay, and Venezuela (Bolivarian Republic of), with the participation of Airbus as an observer, is to establish and operate a regional aviation safety oversight system (RASOS) with the required technical, logistical and administrative support. This project, which began in 2001 with an expected duration of five years, has been extended through 2016.

Project achievements

This project continued to manage the harmonization of the Latin American Aviation Regulations (LARs) and associated procedures, as well as manage meetings of experts, multinational certification and surveillance activities, training programmes and technical support to Member States. Twelve LARs and related documents corresponding to ICAO Annexes 1 – *Personnel Licensing*, 2 – *Rules of the Air*, 6 – *Operation of Aircraft*, 7 – *Aircraft Nationality and Registration Marks*, 8 – *Airworthiness*, 14 – *Aerodromes*, 16 – *Environmental Protection*, 18 – *The Safe Transport of Dangerous Goods by Air* and 19 – *Safety Management* were developed or amended. Training in safety oversight was provided to 436 civil aviation personnel from Argentina, Bolivia (Plurinational State of), Colombia, Ecuador, Panama, Peru, Uruguay and Venezuela (Bolivarian Republic of), and multinational activities were carried out which included certifications of maintenance organizations, training centres and medical centres. A LAR air navigation services (ANS) project was implemented in Argentina, Bolivia (Plurinational State of), Colombia, Ecuador, Peru and Uruguay, which developed model regulations for ICAO Annexes 10 – *Aeronautical Telecommunications* and 11 – *Air Traffic Services* and an ANS Inspector Manual. The first course for governmental ANS inspectors was carried out for 25 participants from 14 States. Support was provided to Uruguay under the umbrella of the Safety programme, by providing 15 specialists in the areas of personnel licensing, aircraft operations, airworthiness, air navigation services, and aircraft accident and incident investigation.

Communications, navigation and surveillance (CNS) digital network – Management of the South American Digital Network (REDDIG) and administration of the satellite segment (RLA/03/901)***Project goal***

The objective of this project, funded by the Governments of Argentina, Bolivia (Plurinational State of), Brazil, Chile, Colombia, Ecuador, France, Guyana, Paraguay, Peru, Suriname, Trinidad and Tobago, Uruguay and Venezuela (Bolivarian Republic of), is to establish a multinational mechanism to manage the communication, navigation and surveillance (CNS) digital network through the South American (SAM) digital network (REDDIG) and modernize and homogenize the aeronautical fixed-service communications, so as to make it interconnectable and interoperable with other digital networks within the Caribbean and South American (CAR/SAM) Region. Since the establishment of the multinational mechanism, the project temporarily manages the REDDIG and implements applications in the CNS/Air

Traffic Management (ATM) sector in accordance with the requirements of the Regional Air Navigation Plan – Facilities and Services Implementation Document (FASID) for the CAR/SAM Region. This project, which began in 2003 with an expected duration of five years, has been extended through December 2018.

Project achievements

The project continued to efficiently manage the REDDIG network and administer the satellite segment providing all Member States with a sound and reliable network that supports the aeronautical telecommunications services within the Region with the highest standards of quality and availability and to assist with the implementation of new services. REDDIG II came into operation. The installation of an additional node in Brasilia was initiated. Training courses for 13 network technicians were conducted.

Global navigation satellite system (GNSS) transition in the Caribbean and South American (CAR/SAM) Region – Augmentation solution for the Caribbean, Central America and South America (SACCSA) (RLA/03/902)

Project goal

The objective of this project, funded by the Governments of Colombia, Costa Rica, Panama, Spain, Trinidad and Tobago, Venezuela (Bolivarian Republic of) and the Central American Corporation for Air Navigation Services (COCESNA), was to plan the development of the technical, financial and operational aspects of a pre-operational satellite-based augmentation system (SBAS) for the Caribbean and South American (CAR/SAM) Region, taking into account the evolutionary development of the global navigation satellite system (GNSS), recommendations of the Eleventh Air Navigation Conference and the conclusions of the CAR/SAM Regional Planning and Implementation Group (GREPECAS). This project, which began in 2003 with an expected duration of four years, was completed.

Project achievements

The transfer of technical coordination of the project from “Aeropuertos Españoles y Navegación Aérea” (AENA) to “Unidad Administrativa de la Aeronáutica Civil” (AEROCIVIL) Colombia was completed.

Technical cooperation to the Latin American Civil Aviation Commission (LACAC) (RLA/06/801)

Project goal

The objective of this project, funded by 22 participating States of the Latin American Civil Aviation Commission (LACAC), is to provide administrative assistance in the management of the LACAC Secretariat. This project originated from the new working arrangements signed between the President of the ICAO Council and the President of LACAC on 21 December 2005, taking into consideration the managerial and financial autonomy of the regional organization. These working arrangements became effective on 1 January 2007. The project, which began in January 2007, has been extended through December 2017.

Project achievements

Continuous support was provided through numerous activities, such as administrative management training meetings, seminars, processing of two fellowships and the related travel arrangements.



Air Traffic Management (ATM) Operational Concept and the corresponding technological support for communications, navigation and surveillance (CNS) (RLA/06/901)***Project goal***

The objectives of this project, funded by the Governments of Argentina, Bolivia (Plurinational State of), Brazil, Chile, Colombia, Ecuador, Panama, Paraguay, Peru, Uruguay and Venezuela (Bolivarian Republic of), are the development and implementation of Global Air Navigation Plan (GANP) initiatives, which will lead to the transition from an air traffic management (ATM) system based on ground aids to a system based on aircraft performance; the implementation of aeronautical information services quality assurance and safety management systems in accordance with international standards; and the development of a strategy for the implementation and integration of automated ATM systems in the Caribbean and South American (CAR/SAM) Region to facilitate the exchange of information and collaborative decision-making with respect to all components of the ATM system. This project, which began in 2007 with an expected duration of five years, has been extended through December 2017.

Project achievements

Continued support was provided to activities required by the South American Implementation Group (SAM/IG) for Air Navigation Plans (ANPs), which includes the restructuring of the Region's airspace, performance-based navigation (PBN) implementation and automation support, as well as with aeronautical information management (AIM) and aeronautical meteorological systems. Training on PBN, Procedures for Air Navigation Services — Aerodromes (PANS-AGA), automated systems and audit techniques for AIM and aeronautical meteorology was delivered to 259 technical personnel from Colombia, Argentina, Panama, Ecuador and Uruguay, and 35 missions were conducted to these States.

Implementation of performance-based air navigation systems in the Caribbean Region (RLA/09/801)***Project goal***

The objective of this project, funded by participating States/Territories and Organizations (Antigua and Barbuda, Aruba, Bahamas, Barbados, Belize, Costa Rica, Cuba, Dominica, Dominican Republic, El Salvador, France (French Antilles), Grenada, Guatemala, Haiti, Honduras, Jamaica, Mexico, Netherlands Antilles, Nicaragua, Saint Kitts and Nevis, Saint Lucia, Saint Vincent and the Grenadines, Trinidad and Tobago, United Kingdom (Anguilla, Bermuda, British Virgin Islands, Cayman Islands, Montserrat and Turks and Caicos Islands), United States, the Caribbean Aviation Safety and Security Oversight System (CASSOS), the Central American Corporation for Air Navigation Services (COCESNA) and the Eastern Caribbean Civil Aviation Authority (ECCAA), is to provide assistance to States/Territories/Organizations of the Caribbean (CAR) Region to foster the implementation of performance-based air navigation systems leading to a seamless global air traffic management system. The air navigation systems will be operationally suitable, technically feasible and economically viable and will be harmonized with the Global Air Navigation Plan (GANP), the Caribbean and South American (CAR/SAM) Regional Air Navigation Plan (ANP) and the North America and Caribbean (NAM/CAR) Regional Performance-Based Air Navigation Implementation Plan (NAM/CAR RPBANIP). This project, which began in 2009 with an expected duration of four years, has been extended through December 2016.

Project achievements

Safety and efficiency of en-route, terminal airspace, and aerodrome operations were enhanced through the implementation of performance-based air navigation systems. The number of aerodromes certified in the CAR Region increased from 23 per cent to 34.5 per cent. Aerodrome officers of the CAR Region Civil Aviation Authorities provided stakeholders with guidance material, processes and procedures to expedite the aerodrome certification process and improve aerodrome inspections.

Procurement assistance for the MEVA III Transition tender process (RLA/12/902)***Project goal***

The objective of this project, funded by Aruba, Bahamas, Belize, Costa Rica, Cuba, Dominican Republic, Guatemala, Haiti, Honduras, Jamaica, Mexico, Nicaragua and United Kingdom (Cayman Islands), was to provide assistance in the MEVA III Transition procurement process. This project, which began in 2012 with an expected duration of 18 weeks, was completed.

Project achievements

The MEVA members approved the results of procurement assistance for the MEVA III Transition tender process.

COCESNA — Technical assistance in the monitoring of the air traffic control centres refurbishment project in Central America (RLA/13/801)***Project goal***

The objective of this project, funded by the Central American Corporation for Air Navigation Services (COCESNA), is to support COCESNA in the on-site monitoring and oversight of activities carried out under a contract for the refurbishment of air traffic control centres, a secondary radar, and aeronautical mobile service/high frequency (AMS/HF) communications systems. This project, which began in September 2013 with an expected duration of 18 weeks, has been extended through December 2016.

Project achievements

An ICAO communication, navigation and surveillance systems expert was hired to review technical reports for sites in El Salvador, Honduras and Nicaragua and provide conclusions and recommendations.

ASIA AND THE PACIFIC REGION**Cooperative Development of Operational Safety and Continuing Airworthiness Programme – South Asia (COSCAP-SA) (RAS/97/902)*****Project goal***

The objective of this project, funded by the Governments of Bangladesh, Bhutan, India, Maldives, Nepal, Pakistan and Sri Lanka, and supported by financial contributions from Airbus and the Boeing Company and in-kind

contributions from the Department of Civil Aviation (DGAC) France and Member States, is to enhance the safety and efficiency of air transport in the subregion. The main objectives of Phase IV include strengthening the regional institutional framework for aviation; assisting in the development of a harmonized regulatory framework; promoting a comprehensive system approach to conduct safety oversight activities based on effective implementation of ICAO Standards and Recommended Practices (SARPs) and efficient oversight capabilities; developing a regional information sharing system to improve access to safety-related information; assisting civil aviation authorities of Member States in their efforts to comply with international and national civil aviation standards; and supporting human resources development in the field of civil aviation. This project, which began in 1997 with an expected duration of five years, has been extended through September 2018.

Project achievements

The 17th South-Asia Regional Aviation Safety Team (SARAST) meeting held in Bangkok, Thailand, was attended by 15 participants from five Member States. The SARAST participated in the ICAO Asia-Pacific Regional Aviation Safety Team (APRAST) meeting to identify safety issues and propose actions for the consideration of the COSCAP-SA Steering Committee (SC). The 8th national coordinator meeting was held in Bangkok and was attended by nine participants from six of the seven COSCAP-SA Member States. The 24th Steering Committee Meeting was held in New Delhi, India, from 29 September to 1 October 2015. Training was provided to personnel of seven Member States in the areas of performance-based navigation (PBN) operational approvals. Technical assistance missions were undertaken to Nepal and Bhutan in the areas of air operator certification, personnel licensing and regulatory oversight related to Universal Safety Oversight Audit Programme (USOAP) audit results and the review of the corrective action implementation associated with Nepal's Significant Safety Concerns (SSCs).

Cooperative Development of Operational Safety and Continuing Airworthiness Programme – South-East Asia (COSCAP-SEA) (RAS/97/903)

Project goal

The objectives of this project, funded by the Governments of Brunei Darussalam, Cambodia, China (Hong Kong SAR and Macao SAR), Indonesia, Lao People's Democratic Republic, Malaysia, Myanmar, Philippines, Singapore, Thailand, Timor-Leste and Viet Nam, and supported by financial contributions from Airbus and the Boeing Company and in-kind contributions from the State Secretariat of Civil Aviation (SSCA) Cambodia, the Civil Aviation Authority (CAA) Singapore, the Directorate of Civil Aviation (DCA) Thailand and other Member States, are to: enhance the safety and efficiency of air transport operations in the region and the training and professional development of national inspectors; harmonize policies and regulations; provide certification and inspection assistance to States currently unable to meet regulatory obligations; coordinate technical assistance programmes; and establish a regional aviation safety team to implement globally developed solutions for safety concerns. This project, which began in 2001 with an expected duration of five years, has been extended through June 2016.

Project achievements

Recommendations related to safety enhancements by the South-East Asia Regional Aviation Safety Team (SEARAST) were implemented through the provision of seven workshops and training events for 279 persons. One mission was conducted to each Cambodia and Indonesia and six missions to Thailand to assist in implementing Corrective Actions Plans (CAPs). The 18th SEARAST meeting was held in Bangkok and was attended by 14 participants from five Member States and Administrations.



Cooperative Development of Operational Safety and Continuing Airworthiness Programme – North Asia (COSCAP-NA) (RAS/02/901)***Project goal***

The objectives of this project, funded by China, the Democratic People's Republic of Korea, Mongolia and the Republic of Korea, and supported by financial contributions from Airbus, the Boeing Company and Transport Canada and in-kind contributions from the Civil Aviation Administration of China (CAAC), the United States Federal Aviation Administration (FAA) and Member States, are to: enhance the safety and efficiency of air transport operations in the region and the training and professional development of national airworthiness and flight operations inspectors; harmonize policies and regulations; provide certification and inspection assistance to States currently unable to meet regulatory obligations; coordinate technical assistance programmes; and establish a regional aviation safety team to implement globally developed solutions for safety concerns. This project, which began in February 2003 with an expected duration of five years, has been extended through January 2018.

Project achievements

The 2015 COSCAP-NA Steering Committee (SC) met in Xiamen, China. The North Asia Regional Aviation Safety Team (NARAST) participated in two meetings of the ICAO Asia-Pacific Regional Aviation Safety Team (APRAST) to identify safety issues and propose actions for the consideration of the COSCAP-NA Steering Committee. Nine workshops and two training programmes were provided in support of the implementation of the Steering Committee priorities: 11 training programmes were provided to 247 participants of ten States and 64 industry participants covering dangerous goods, State Safety Programme (SSP), continuous monitoring approach (CMA), performance-based oversight, hazard identification and risk assessment, performance-based navigation (PBN) operational approval, line operations safety audit (LOSA), runway safety team (RST), human factors, safety management systems (SMS), safety assessment, service provider SMS assessment and foreign air operator oversight. A total of twelve missions were conducted to China, the Democratic People's Republic of Korea, Mongolia and the Republic of Korea, which included delivering training workshops and seminars, participation in authority/industry forums, support for CMA activities and ensuring the continued development and implementation of SMS and SSP.

Cooperative Aviation Security Programme – Asia and Pacific Region (CASP-AP) (RAS/04/901)***Project goal***

The objective of this programme, funded by participating States (Afghanistan, Bangladesh, Bhutan, Brunei Darussalam, Cambodia, China (Hong Kong SAR and Macao SAR), Fiji, India, Indonesia, Japan, Kiribati, Lao People's Democratic Republic, Malaysia, Maldives, Marshall Islands, Mongolia, Myanmar, Nepal, Papua New Guinea, Philippines, Republic of Korea, Singapore, Solomon Islands, Sri Lanka, Thailand, Timor-Leste, Vanuatu and Viet Nam), as well as by a grant from the Government of Canada and the ICAO Aviation Security Plan of Action Fund, is to ensure compliance with international Conventions, ICAO Standards and Recommended Practices (SARPs), in particular Annex 17 — *Security*, and the security-related provisions of Annex 9 — *Facilitation*, and guidance material contained in ICAO's *Aviation Security Manual* (Restricted). The programme is aimed at enhancing the aviation security capabilities of the now 29 participating States and administrations by creating a regional structure for cooperation and coordination on aviation security matters and training of aviation security personnel. This project, which began in 2004 with an expected duration of five years, has been extended through June 2019.

Project achievements

Technical assistance missions were undertaken to Cambodia and Mongolia for the rectification of deficiencies identified through the Universal Security Audit Programme (USAP) audit and other aviation-security-related findings. Assistance was provided to Member States with the revision of their National Civil Aviation Security Programmes (NCASP). Eight ICAO and CASP-AP training courses and workshops were conducted for 214 participants, covering cargo/mail security, national instructors, facilitation programmes, risk management, crisis management, aviation security exercise, management, and aviation security inspector. The implementation of aviation security quality control has progressed. This has been supported by assistance missions to States. The Programme Coordinator (PC) and Training Officer conducted seven assistance missions in the region for the training of a large number of participants from Member States and Administrations, using ICAO training material. The PC conducted two missions to a total of four Pacific States (Kiribati, Papua New Guinea, Solomon Islands and Vanuatu) to review the needs of two CASP-AP members to determine ongoing capacity needs.

Collaborative Arrangement for the Prevention and Management of Public Health Events in Civil Aviation (CAPSCA) – Asia and the Pacific (RAS/06/801)***Project goal***

The objective of this project, which is funded by the ICAO CAPSCA Efficiency Fund, ICAO Severe Acute Respiratory Syndrome (SARS) programme, a voluntary contribution from Airports of Thailand Public Company Limited and in-kind contributions from the World Health Organization (WHO) and the Singapore Civil Aviation Authority is, through cooperative arrangements between the participating States and administrations (Afghanistan, Bangladesh, Brunei Darussalam, China, Hong Kong SAR, India, Indonesia, Macao SAR, Malaysia, Mongolia, Myanmar, New Zealand, Nepal, Papua New Guinea, Philippines, Singapore, Solomon Islands, Sri Lanka, Thailand, Tonga and Viet Nam) to manage the risk of air travellers spreading communicable diseases, such as influenza, of pandemic potential. This project, which began in September 2006 with an expected duration of three months, has been extended through 2016.

Project achievements

A joint ICAO CAPSCA/WHO assistance visit was conducted to the Hazrat Shahjalal International Airport in Dhaka, Bangladesh. Training was provided to 54 participants representing both Civil Aviation and Public Health Authorities and relevant stakeholders.

Asia-Pacific Flight Procedure Programme (FPP) (RAS/09/801)***Project goal***

The objective of this programme, funded by the active participating States/Administrations of Australia, China (People's Republic of, Hong Kong SAR, and Macao SAR), France (French Polynesia), Republic of Korea, Philippines, Singapore, Sri Lanka and Thailand and co-located with the ICAO APAC Regional Sub-Office, is to assist States to develop sustainable capability in the instrument flight procedure domain so as to meet their commitments under Assembly Resolution A36-23 for performance-based navigation (PBN) implementation and their obligations for the quality of their instrument flight procedures (IFPs) which was reinforced in Assembly Resolution A37-11. The Democratic People's Republic of Korea, Fiji, Mongolia, Myanmar, Pakistan, Tonga and Viet Nam participate in the programme as user not contributor States. This project, which began in January 2010 with an expected duration of three years, has been extended through December 2017.

Project achievements

Assistance in flight procedure design and PBN-related procedure design was provided to Mongolia and Sri Lanka. In cooperation with partner organizations, five training courses were delivered in China to 117 participants from 20 States and administrations, covering ICAO Procedures for Air Navigation Services — Aircraft Operations (PANS-OPS) Initial Course for Procedure Designers, the PBN Procedure Design Course, Procedure Design Refresher Course with a Special Focus on Vertical Guided Approach and a Required Navigation Performance Authorization Required (RNP AR) Procedure Design Course/Seminar. Four newly seconded procedure designers from China were sent to the École Nationale de l'Aviation Civile (ENAC), France, to attend a PBN instructor training course. Three of them were evaluated as qualified instructors and included in FPP's pool of instructors, thus further enhancing the capacity of FPP to serve the region. The FPP's flight procedure design software license was renewed, and the software was updated with new features. Two instructors from FPP attended the software training conducted at the ENAC facility and at the FPP office in Beijing. The 7th APAC FPP Steering Committee meeting, held in Macao in November 2015, endorsed the continuation of the Programme into Phase 3.

Assistance for South-West Pacific Small Island States, regarding aerodrome certification and SMS implementation (RAS/10/801)***Project goal***

The objectives of this project, funded by a grant from the International Financial Facility for Aviation Safety (IFFAS) and the participating States of Kiribati, Marshall Islands, Micronesia (Federated States of), Nauru, Papua New Guinea, Samoa, Solomon Islands and Tonga, are to improve the regulatory oversight capability of States and establish the legal basis for aerodrome certification and State Safety Programmes (SSP), so as to ensure that all aerodrome certification activities and Safety Management System (SMS) implementation are conducted in compliance with ICAO Annex 14 – *Aerodromes*, Volume I – *Aerodrome Design and Operations*, and other relevant guidance material. This project, which began in September 2011 with an expected duration of four months, has been extended through December 2016.

Project achievements

The ICAO Asia and Pacific (APAC) Regional Officer, Aerodromes and Ground Aids undertook follow-up assistance missions to Tonga, Samoa and Solomon Islands. During these missions, gap analyses on aerodrome safety oversight systems were conducted, and technical assistance was provided in the areas of aerodrome certification and operations.

Assistance for the procurement of Asia/Pacific Common Regional Virtual Private Network (CRV) Services (RAS/14/801)***Project goal***

The objective of this programme, funded by Australia, China (Hong Kong SAR and Macao SAR), Democratic People's Republic of Korea, Fiji, France, India, Japan, Myanmar, New Zealand, Philippines, Republic of Korea, Singapore, Sri Lanka and Thailand is to assist the civil aviation authorities and related air navigation service providers in the procurement management of the Asia Pacific Common Regional Virtual Private Network (CRV) services and in the selection of a common service provider. This project began in April 2015 with an expected duration of 19 months.

Project achievements

An expert in aeronautical communications and procurement was selected. Technical specifications were consolidated, and assistance was provided to review and create a tender consultation package. The tender was released on the ICAO e-procurement platform and tenders were submitted. Assistance was provided for three sets of clarifications on the tender.

EUROPE AND THE MIDDLE EAST REGION**Cooperative Development of Operational Safety and Continuing Airworthiness Programme – Gulf States (COSCAP-GS) (RAB/04/801)*****Project goal***

The objective of this project, funded by the Governments of Bahrain, Kuwait and the United Arab Emirates with the support of Airbus, the Boeing Company, the European Aviation Safety Agency (EASA), the United States Federal Aviation Administration (FAA) and Etihad Airways of the United Arab Emirates, is to enhance the safety and efficiency of air transport in the Gulf States subregion, through the harmonization and effective application of international standards and national safety oversight provisions, regulations and procedures, thus contributing to the social and economic development of the subregion and promoting greater cooperation among the participating States. It is also aimed at creating a regional structure for cooperation and coordination in aviation security matters, as well as training aviation security personnel. This project, which began in 2005 with an expected duration of five years, has been extended through December 2016.

Project achievements

Three training sessions were organized in Kuwait and Bahrain and covered updates on Annex 19 – *Safety Management* to the Convention on International Civil Aviation, the *Safety Management Manual (SMM)* (Doc 9859) and State safety obligations in the area of airworthiness. A template for a State Safety Programme (SSP) action plan was prepared and submitted to Member States and a generic safety management regulation was developed.

Cooperative Aviation Security Programme – Middle East Region (CASP-MID) (RAB/13/901)***Project goal***

The objective of this project, funded by the Governments of the participating Member States, i.e. Bahrain, Jordan, Kuwait, Saudi Arabia and Sudan, is to ensure compliance with international Conventions, ICAO Standards and Recommended Practices (SARPs) and guidance material related to aviation security and facilitation by enhancing the implementation capabilities of the participating States, creating a regional structure for cooperation and coordination in aviation security and facilitation matters, and for training of aviation security personnel. The project also aims to improve the implementation, regulation and enforcement of aviation security provisions and security arrangements and implementation capability at international airports in the participating States; develop a standing aviation security structure in the long term for cooperation and coordination in aviation security matters among the participating States; and provide assistance to participating States in the development and implementation of a National Facilitation Programme. The project began in July 2013 with an expected duration of three years.

Project achievements

The fourth and fifth meetings of the CASP-MID Experts Working Group (EWG) were held in Manama, Bahrain, to discuss technical and operational matters relating to significant aviation security issues in the Middle East Region and were attended, respectively, by 25 participants from the CASP-MID States, Libya, Tunisia, the United Kingdom and ICAO, and 18 participants from the CASP-MID States, Qatar and the United Kingdom. The third meeting of the CASP-MID Executive Steering Committee (ESC) was held in Manama to review the work of the EWG and to approve the 2015-2016 annual work plan of the CASP-MID. A visit was conducted by nine participants from Bahrain, Saudi Arabia, Kuwait, and Tunisia to Washington D.C., for familiarization with risk-based security. Four ICAO Basic Aviation Security Courses were conducted at the Gulf Aviation Academy with the participation of 45 staff from the Bahrain Airport Police Directorate, the Bahrain Airport Company, the Gulf Aviation Academy, Taban Air and the Airport International Group in Amman, Jordan. A CASP-MID aviation security national quality control programme workshop was conducted in Amman, Jordan, for twelve students representing Civil Aviation Authorities and Ministry of Interior agencies of CASP-MID States. CASP-MID aviation security risk management workshops were conducted at: the facilities of the General Authority of Civil Aviation (GACA) in Jeddah, Saudi Arabia, for 26 students from GACA, the Ministry of Interior, the Ministry of Defence and Customs and Immigration; in Kuwait City for 18 staff from the country's aviation security agencies; and at the Sudan Academy for Aviation Sciences and Technology in Khartoum for 18 students from Sudanese aviation security agencies.

Development of Operational Safety and Continuing Airworthiness in the Commonwealth of Independent States (COSCAP-CIS) (RER/01/901)***Project goal***

This project is a cooperative agreement between the States of the Commonwealth of Independent States (CIS), (i.e. Armenia, Azerbaijan, Belarus, Kazakhstan, Kyrgyzstan, Republic of Moldova, Russian Federation, Tajikistan, Turkmenistan, Ukraine and Uzbekistan), implemented with in-kind contributions from the Ilyushin Aviation Complex, the Interstate Aviation Committee (IAC) and the United States Federal Aviation Administration (FAA) and with financial contributions from Airbus. The objectives are to enhance the safety oversight capabilities of participating States by establishing a regional flight safety training/advisory centre at the IAC; providing assistance in overcoming deficiencies; providing training to national inspectors; and harmonizing national aeronautical legislation as may be required. This project, which began in 2001 with an expected duration of six years, has been extended through December 2016.

Project achievements

Meetings, seminars and workshops were attended by a total of 676 participants from 11 States and included a De-/Anti-Icing Seminar, a Flight Operation Safety Awareness Seminar, and a Universal Safety Oversight Audit Programme Continuous Monitoring Approach (USOAP CMA) Workshop. A Familiarization Course on the Airbus A320 was organized in Moscow, Russian Federation; two Safety Assessment of Foreign Aircraft (SAFA) Workshops were organized in Kishinev, Republic of Moldova and Novosibirsk, Russian Federation; two Flight Safety Courses were organized in Minsk, Belarus, and Moscow. With the assistance of the project, a meeting of the ICAO-European Regional Expert Group on Flight Safety (IE REST) was organized at IAC headquarters.

Coordinated action in the aviation sector to control public health threats (AIRSAN) (RER/13/601)***Project goal***

The objective of the AIRSAN Project, funded by the Health Programme of the European Union (EU), was to develop a well-organized and coherent response to public health threats to air transport in Member States, mainly through the development of an AIRSAN network of stakeholders, guidance documents, an AIRSAN website and communication platform and an AIRSAN training tool. This project, which began in November 2013 with an expected duration of two years, was completed.

Project achievements

Guidelines for a risk assessment of an on-board case of a communicable disease and on-contact tracing were developed as well as a training tool, which provided the basis for a number of table-top exercises.

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