

APPENDIX 2. TECHNICAL COOPERATION PROJECTS

ANGOLA

Assistance to the National Institute of Civil Aviation (INAVIC) Angola in Safety Oversight (ANG/11/801)

Project goal

The objective of this project, funded by the Government of Angola, was to provide assistance to the Angolan Civil Aviation Authority in the development of regulations for the operation and certification of air navigation services and aerodromes as well as guidance material for inspectors to carry out certification and continuous surveillance functions in these areas. This project, which began in November 2011, was reported completed in 2013. Subsequently it was extended through 2014 to deliver additional related activities and has now been completed.

Project achievements

Aerodromes Safety and Certification Guidance Material and an Air Traffic Management Manual were submitted and the financial closing of the project initiated.

ARGENTINA

Establishment of a 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 December 2015.

Project achievements

Recruitment of national personnel for ANAC was carried out. Assistance in the implementation of the State Safety Programme (SSP) continued to be provided to ANAC by one international expert.



Assistance from the Argentinean Air Force to the National 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 National Civil Aviation Administration (ANAC), the new air navigation services provider 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, acquisition 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 2016 with a revised objective.

Project achievements

Satellite communications equipment was purchased to support Fuerza Aérea Argentina (FAA) activities in remote areas when deploying mobile satellite stations. Four ambulances, one semi-permanent hangar, one mobile tower and other medical equipment were purchased to support search and rescue activities. Contracts providing scheduled and unscheduled maintenance and logistical services to search and rescue and flight inspection aircraft were extended and expanded. Flight simulator training was provided for the crew performing flight inspection activities for CNS equipment.

Constitution of a new 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 new civil aviation accident investigation board (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 2015.

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, developed by the project, were approved.

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 (CNS) 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

Equipment to upgrade CNS systems and facilities was procured, including voice communications control systems (VCCS) and instrument landing systems (ILS) for four airports; one area control centre (ACC); VHS communications equipment; three radio links; very high frequency omnidirectional radio range VHF/VOR equipment; one aeronautical flight information system (AFIS); one geographical information system (GIS); one distance measuring system (DMS) and three air traffic management systems (ATM).

BAHAMAS

Civil Aviation Purchasing Service (CAPS) (BHA/10/701)

Project goal

The objective of this project, funded by the Bahamas Civil Aviation Department (BCAD), is to procure equipment to strengthen the aeronautical authorities. This project, which began in April 2010, is ongoing.

Project achievements

The Factory Acceptance Test (FAT) was conducted and accepted; the primary and secondary radar equipment was shipped to the State and the civil works are ongoing.

Assistance with Aerodrome Certification Training to the Bahamas CAA (BHA/14/601)

Project goal

The project objective was to assist the Bahamas Civil Aviation Authority to conduct on-the-job training for Aerodrome Inspectors, as well assist the national personnel as appropriate in their duties related to the Aerodrome Certification of the Lynden Pindling International Airport (LPIA) in Nassau and Marsh Harbour International Airport in Abaco. This project, which began in March 2014 with an expected duration of three months, was completed.

Project achievements

Thirteen Aerodrome Inspectors received on-the-job training (OJT). This included training in the area of aerodrome inspection (daylight and nocturne) for LPIA and Marsh Harbour International Airport and (daylight) for Treasure Cay International Airport. LPIA inspectors also received OJT in the areas of hazards identification, risk analysis, risk elimination/mitigation and implementation planning. Twenty-six national staff were trained on Safety Management Systems (SMS) and 21 received on-the-job training on SMS implementation, aerodrome certification and basic knowledge on aerodrome inspection. Training was also provided to executives from the CAA and LPIA in the areas of civil aviation safety and SMS. In addition, safety improvement requirements were identified and a phased Work Plan elaborated. The first draft of the LPIA Safety Policy and Objectives was developed. An SMS outline, framework, implementation plan and GAP analysis, resulting in the first draft of the SMS Manual (SMSM), were completed. An

aerodrome inspection checklist and 11 forms (tables) for the identification of aerodromes hazards and latent conditions for safety management were prepared. A GAP analysis and implementation plan and the first draft of the LPIA Aerodrome Operations Manual were finalized.

BANGLADESH

Installation and Commissioning of a Multi-Mode Surveillance System (Radar, ADS-B, Wide Area Multi-lateration-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 in 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 no defined timeline.

Project achievements

The ATM/CNS expert and surveillance systems expert undertook two missions to Dhaka, Bangladesh and developed equipment specifications such as a multi-lateration system for airport surface movement coverage of runways, taxiways and aprons, an Aeronautical Telecommunications Network (ATN), an Aeronautical Message Handling System (AMHS) and connected services (Automatic Dependent Surveillance-Contract (ADS-C)/Controller-Pilot Data Link Communications (CPDLC)/ATS Inter-facility Data-link Communications (AIDC)), an Air Traffic Management (ATM) flight data processing system, Communications, Navigation and Surveillance/Air Traffic Management (CNS/ATM) systems, voice and radar recording systems, a fully automated voice switch, and a Radar/Automatic Dependent Surveillance-Broadcast (ADS-B) and Very-high Frequency (VHF) local and remote communications network. In addition, specifications for the relocation and construction of a new Area Control Centre (ACC) and tower complex were developed. All specifications were developed with the purpose of complying with environmental protection standards. Specifications were also written for the project management of the procurement and installation phase and life cycle support of the systems for a period of ten years after system commissioning. The draft RFQ and RFP documents were also extensively revised to clarify their technical content. The specialists recommended that CAAB pursue the project by having a legal expert review the Draft Concession Agreement, the legal contents of the RFQ and RFP and eventually staff a Systems Integration Engineering position to manage the technical components of the project.

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 multi-lateration-WAM) along with 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 no defined timeline.

Project achievements

A legal/commercial expert for the public–private partnership (PPP) project was deployed to Dhaka, Bangladesh, for a familiarization visit and discussions on the PPP project. The request for quotation (RFQ) and request for proposal (RFP) were reviewed and amended from a commercial and legal perspective and a detailed Terms of the Concession Agreement was drafted for approval by CAAB.

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, through training, expert consultancy and procurement. This project started in October 2014 with an expected duration of two years.

Project achievements

The recruitment and deployment of the Project Coordinator/Aviation Security Expert is ongoing.

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 2015.

Project achievements

The transition towards recruitment and full integration under the Bolivian Civil Aviation Authority of the national personnel previously contracted through the ICAO/Bolivia project progressed as scheduled.

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 assisting in the implementation of a Safety Management System (SMS); enhancement of the service provider's capabilities in the areas of quality management and production of aeronautical information publications; upgrading of the aeronautical rescue coordination centre; implementation of a runway safety programme; and development of contingency plans for air traffic control as well as of flight inspection procedures for navigation aids, 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

An Air Navigation Safety/Safety Management expert was deployed to Cabo Verde in November.

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

The objective of this project, funded by the government of Cabo Verde, is to assist the State in enhancing its safety oversight capabilities in the field of air navigation services 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 June 2015.

Project achievements

An Air Navigation Safety expert was recruited and is pending deployment.

CAMEROON**Assistance to the Cameroon Civil Aviation Authority for the validation of the type certificate of an aircraft (CMR/12/801)*****Project goal***

The objective of this project, funded by the Cameroon Civil Aviation Authority (CCAA), was to assist Cameroon in the validation of the type certificate of an aircraft. The ICAO team comprising, inter alia, specialists in flight test (engineering and pilot), structure, as well as production and maintenance, was to assist the Commission established by Cameroonian authorities in the validation of the type certificate of a foreign aircraft before its acquisition by a local airline. This project, which began in September 2012 for an initial duration of three months, was completed.

Project achievements

A detailed final report of the project was submitted to Cameroon with recommendations concerning the validation of the type certificate. The report was subsequently approved by Cameroon and the closing of the project initiated.

CENTRAL AFRICAN REPUBLIC**Assistance to the United Nations Multidimensional Integrated Stabilization Mission in the Central African Republic (MINUSCA) with aerodrome improvement (SUD/09/802)*****Project goal***

The objective of this project, funded by the United Nations Department of Peacekeeping Operations (UNDPKO), was to assist MINUSCA in identifying options for the maintenance, rehabilitation and construction of airside surfaces and infrastructure of airfields and aerodromes in the Central African Republic. This project, which began in May 2014 with an expected duration of one month, was completed.

Project achievements

An Aerodromes engineer was deployed to Bangui and carried out the assessment of airports and aerodromes in Bambari, Bangui, Bossangoa, Bouar, Bria and Kaga-Bandoro. The results of the assessments as well as recommendations were submitted to UNDPKO through a report.

CHAD**Assistance to the Autorité de l'Aviation Civile (ADAC) of Chad – Certification of air operators (CHD/12/801)*****Project goal***

The objective of this project, funded by the Government of Chad, was to assist in the certification of air operators, to provide on-the-job training to national inspectors, and to assist in updating national regulations. This project, which began in October 2013 with an expected duration of six months, was completed.

Project achievements

International experts were recruited in the fields of flight operations and airworthiness. A review of the legislation and procedures related to the delivery of air operator certificates was carried out and recommendations provided to ADAC. Assistance was provided in the certification of air operators. On-the-job training was delivered during this activity, and training files were created for national inspectors. The project terminal report was submitted and the closing of the project initiated.

CHINA, SPECIAL ADMINISTRATIVE REGION (SAR) MACAO**Pre-study for the 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 (CAAM), is 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 project, which began in May 2013, was extended through December 2014.

Project achievements

A protocol between ICAO and CAAM for the provision and installation of an aeronautical information management (AIM) system was submitted to CAAM for approval.

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, is to assist in the certification of air operators, to provide on-the-job training to national inspectors, and to assist in updating national regulations. This project, which began in October 2013 with an expected duration of twelve months, was extended through January 2015.

Project achievements

Regulations related to the certification of air operators were amended, and guidance material for the operators was developed. Procedures for national inspectors were developed in the areas of flight operations, airworthiness and personnel licensing. Assistance was provided in the certification of air operators, including the delivery of on-the-job training to national inspectors with a view to enabling them to conduct subsequent safety oversight activities independently. The competencies of national inspectors were assessed and personal training plans developed and implemented.

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

The objective of this project, funded by the “Technical Council of Civil Aviation” (CETAC), is to carry out civil works at the Juan Santamaria International Airport at San José in order 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

A contract for the supervision of the construction of a new building to move the current hangar installations of the “Cooperativa Autogestionaria de Servicios Aeroindustriales” (COOPESA) at the AIJS was negotiated. The construction of a remote ramp is 98 per cent completed, pending only the installation of a fire alarm system.

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

A tender for a social and economic impact study was carried out, and the results of ICAO’s evaluation were submitted to the State for decision.

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 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 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

Pending a decision by the government whether to continue with the implementation of this project and transfer the corresponding funds, no activities were implemented in 2014.

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 2014 were minimal.

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 December 2015.

Project achievements

A tender for civil works was carried out. The results of ICAO's evaluation were presented to the State. A tender for a portable lighting system was concluded and a recommendation was sent to the DGCA for decision.

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 project, which began in May 2012, is ongoing.

Project achievements

The evaluation of bids was completed and ICAO's recommendations submitted to the State for review. A contract was prepared for the procurement of a passenger loader and submitted to the State for approval. A tender for the procurement of an automated weather observation system (AWOS) was completed, and the results of ICAO's evaluation of offers received and recommendation submitted to the State.

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 began in September 2014 with an expected duration of five months.

Project achievements

A civil aviation adviser was recruited for one month for the first phase of the project. The situation of the civil aviation authority was assessed and corresponding recommendations submitted to the State.

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

The objective of this project, funded by the Government of Ecuador, is to provide assistance to the Directorate General of Civil Aviation 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 began in October 2011 with an expected duration of three years.

Project achievements

The procurement of flight inspection aircraft equipped with an automated flight inspection system (AFIS) was completed.

EL SALVADOR**Preparation of a policy for airport slot allocation at the International Airport El Salvador (AIES) (SLV/13/801)*****Project goal***

The objective of this project, which was funded by the Government of El Salvador, was to improve the usage of slot time during peak hours, in response to air traffic congestion at the International Airport of El Salvador (AIES) and to improve the efficiency of the distribution of the landing and take-off permits in response to the congestion. This project, which began in September 2013 with an expected duration of one month, was completed in 2013, subsequently extended through 2014 to deliver additional related activities, and has now been completed.

Project achievements

A report with recommendations on the most efficient usage of time slots during peak hours of air traffic and improvement of slot monitoring and coordination was submitted to the State.

PNUD El Salvador (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.

Development of Airport and Air Navigation Services Charges Proposals (SLV/13/803)***Project goal***

The objective of this project, funded by the Government of El Salvador, was to develop and implement a fee structure for the provision of airport services. This project began in November 2013 with an expected duration of three months and was completed.

Project achievements

A report with recommendations for the implementation of an improved system for the collection of airport charges was submitted to the State.

EQUATORIAL GUINEA**Reinforcement of national and institutional capacity in civil aviation (EQG/13/801)*****Project goal***

The objective of this project, funded under a cost-sharing arrangement between the Government and the United Nations Development Programme, is to establish an autonomous Civil Aviation Authority (CAA), with the appropriate level of staffing and competency for the performance of its safety oversight functions in the areas of operations and airworthiness of aircraft and for the licensing of aircraft and flight operations personnel. This project began in January 2013 with an expected duration of three years.

Project achievements

Assistance was provided in the establishment of the Civil Aviation Ministry and the autonomous Civil Aviation Authority (Equatorial Guinea Aviation Authority, AAGE) as well as in the construction of a new building to house the AAGE and the development of a new website. The process of certification and recertification of Equatoguinean operators in accordance with ICAO Standards and Recommended Practices (SARPs) and national regulations continued. The 2014 Operational Safety Programme was approved and implemented. The certification and surveillance of Approved Maintenance Organizations (AMOs) and Continuing Airworthiness Management Organizations (CAMOs) progressed. Seven Aircraft Maintenance Programmes were approved. Fourteen wet lease contracts were approved. Regulations RACGE OPS were updated based on the new Civil Aviation Law. Type Certificate validations progressed. Audits and inspections were performed in the areas of flight operations (OPS) and airworthiness (AIR). On-the-job training (OJT) of OPS/AIR personnel continued. The Civil Aviation Law was approved. The Corrective Action Plan for the 2007 USOAP audit findings for OPS/AIR/PEL was revised and updated.

Assistance to Equatorial Guinea in human resources related matters (EQG/13/601)***Project goal***

The objective of this project, funded by the Government of Equatorial Guinea, was to conduct a training needs assessment in order to determine the civil aviation training requirements of the Equatorial Guinea Aviation Authority and analyse the possibility of better exploiting its Civil Aviation Training Centre within the Africa region. This project, which began in October 2013 with an expected duration of two months, was completed.

Project achievements

A training needs assessment was carried out, the results of which, including recommendations on how best to develop the Civil Aviation Training Centre within the region, were provided to the Government.

Assistance to Equatorial Guinea in the purchase of a meteorological radar (EQG/13/602)***Project goal***

The objective of this project, which is funded by the Government of Equatorial Guinea, was to assist the State in the procurement of a meteorological radar. This project, which began in October 2013 with an expected duration of one month, was completed.

Project achievements

Technical specifications for the procurement of a meteorological radar were prepared, and a report was submitted and accepted by the State.

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 MLAT surveillance system and an A-SMGCS. This project, which began in 2014, is ongoing.

Project achievements

Technical specifications were developed for the MLAT surveillance system and for the A-SMGCS.

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 SARPs and guidance material as well as best practices. This project, which was expected to begin in December 2014, has an expected duration of one month.

Project achievements

The selection and deployment of the Civil Aviation Advisory Expert has been initiated with CAAF.

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, to regulate flight safety functions and to ensure that it is in conformity with ICAO Standards and Recommended Practices (SARPs). This project, which began in 2000, has been extended through June 2015.

Project achievements

The project continued to provide support to the HCAA to exercise its safety oversight responsibilities in the field of flight operations and with the development of a sustainable airworthiness system.



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 infrastructure, 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 to December 2015.

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 for ICAO to assist in the administration of a programme to train participants from developing countries selected by the India Aviation Academy (IAA), at New Delhi. The assistance covers the distribution of information to ICAO Member States and the issuance of letters of fellowship awards as well as letters of rejection. This project, which began in October 2008 with an expected duration of three years, has been extended through October 2015.

Project achievements

ICAO recruited an international aerodrome (Annex 14) instructor and an instructors' course instructor to support AAI in the development and delivery of the Aerodromes (Annex 14 — *Aerodromes*) and instructor courses conducted at IAA. ICAO awarded a total of 12 fellowships to participants from ten developing countries for both courses.

Traffic Forecast for airports in the national capital region (IND/10/806)***Project goal***

The objective of this project, funded by the Airports Authority of India (AAI), was to provide the Government of India, Ministry of Civil Aviation and Airports Authority of India (AAI) with a traffic forecast for airports in the National Capital Region for the next 20 years covering international and domestic traffic on annual basis. The forecast was to be

made on two different assumptions, i.e. another international airport at Bhiwadi, Rajasthan will be developed in the region and the present Indira Gandhi International Airport at Delhi remains the sole airport in the National Capital Region. This project was reported as completed in 2011 but was reopened in January 2014 with an expected duration of eight weeks and was completed.

Project achievements

An on-site visit was conducted by the Air Traffic Forecasting Expert/Team Leader. A detailed report was prepared, with the assistance of a National Officer of Air Traffic Forecasting, for presentation to AAI and stakeholders. The final report including conclusions and recommendations was submitted to AAI.

Assistance to AAI for Assessment of Impact of Metro Line Passing near Chennai Airport (IND/13/601)

Project goal

The objective of this project, funded by the Airports Authority of India (AAI), was to assess the impact of a new metro line under construction at Chennai Airport, with regards to possible interference with airport airside/CNS systems operations and to propose mitigation measures. This project, which began in April 2014 with an expected duration of one month, was completed.

Project achievements

A Navigational Aids Systems Expert was fielded to India for an on-site visit. During an on-site visit, an assessment of the nav aids and communications equipment at Chennai Airport and of the potential impact of the metro line was carried out by the Navigational Aids Systems Expert. The final report including conclusions and recommendations for mitigation measures was submitted to AAI.

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), is 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 to improve 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 April 2015.

Project achievements

International experts in the fields of flight operations, air navigation, airports and airworthiness continued their activities. The project continued to focus on capacity building with the objective of achieving sustainability. Civil Aviation Safety Regulations and associated Staff Instructions related to airworthiness, air operations and air

navigation were reviewed and amended. Documentation required for the implementation of automatic dependent surveillance-broadcast (ADS-B), performance-based navigation (PBN) and required navigation performance (RNP) was prepared. Three national experts, two in airworthiness and one in flight operations, carried out a revision of the Indonesian Civil Aviation Safety Regulations (CASRs). Assistance in the preparation for the ICAO Universal Safety Oversight Audit Programme (USOAP) audit was provided. Following the audit, project staff assisted in the preparation of the draft Corrective Action Plan (CAP). Project team members participated in safety oversight inspections and audits conducted by DGCA counterparts. The Project Coordinator acted as the civil aviation advisor to the Director General and provided advice to the Air Navigation and Airports Directorates.

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), are the modernization of 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 that a quality management section be established with a view to enabling the institute to provide efficient and effective training to national and international students in these disciplines. The project, which began in 2012 with an expected duration of 12 months, was extended through March 2015.

Project achievements

An action plan for the implementation of the modernization plan of ICAI was prepared. A proposal for a quality management system was submitted to ICAI for approval and implementation. Support to ICAI for institutional strengthening, e.g. TRAINAIR PLUS accreditation as an Associate Member and instructor training, continued.

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 work plan was prepared by the Senior Aviation and Environmental Expert/Project Coordinator and coordinated with stakeholders.

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 began in March 2014 with an expected duration of nine months.

Project achievements

Meetings were conducted with a variety of stakeholders including airlines, the International Air Transport Association (IATA), handling companies, hoteliers, the chamber of commerce, tourism authorities, the International Monetary Fund (IMF) and economic authorities. Operational and financial data, related guidance material as well as the existing legislation were reviewed. A review of the first regulatory period (12 years) was conducted for each airport. Relevant issues with potential impact in the new regulatory period (5 years) were identified and discussed. A report with the review of the airports' proposals was submitted to the Government.

KAZAKHSTAN**Strengthening of Kazakhstan civil aviation capacity (KAZ/12/801)*****Project goal***

The objectives of this project, which was funded by the Kazakhstani State enterprise "Kazaeronavigatsia", were: to review air operator certificates (AOCs) and associated operations specifications, maintenance organization certificates (MOCs), and all certificates of airworthiness (C of As) to ensure full compliance with national regulations and applicable ICAO provisions; to implement the State's Corrective Action Plan in the areas of operations (OPS) and airworthiness (AIR), with particular emphasis on resolving two significant safety concerns (SSCs); and to assist the State to adequately prepare to receive an ICAO Coordinated Validation Mission. This project, which began in December 2012, was completed.

Project achievements

Assistance was provided to the Civil Aviation Committee (CAC) to review air operator certificates and associated operations specifications, maintenance organization certificates and certificates of airworthiness. The Corrective Action Plan related to the Universal Safety Oversight Audit Programme-Continuous Monitoring Approach (USOAP-CMA) audit was updated. Assistance was also provided in addressing the audit findings including those related to two Significant Safety Concerns in the areas of Flight Operations and Airworthiness, the latter of which was resolved. On-the-job training in the areas of Flight Operations and Airworthiness was provided to 30 CAC experts.

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

The objectives of this project, which is 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; 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 their safety oversight and investigation responsibilities. This project began in May 2014 with an expected duration of 13 months.

Project achievements

Assistance was provided to CAC to address Universal Safety Oversight Audit Programme (USOAP) Protocol Questions (PQs). An ICAO Coordinated Validation Mission (ICVM) was conducted in Kazakhstan from 27 May to 4 June 2014. The ICVM team reviewed the progress in addressing 366 PQs in the areas of Legislation (LEG), Organization (ORG), Licensing (PEL), Operations (OPS), Airworthiness (AIR), Air Navigation Services (ANS) and Aerodromes (AGA). Following this review, the status of 126 PQs was changed to satisfactory and 13 PQs were considered as not applicable. This resulted in an improvement of the Lack of Effective Implementation (LEI) from 52.53 per cent to 35.56 per cent. In addition, ICAO recognized that Kazakhstan has implemented corrective actions to resolve the SSC on the issuance of certificates of airworthiness of aircraft. The related SSC has been considered resolved. Assistance was provided to the CAC to develop a corrective action plan in order to address the findings identified by the ICVM. Fifteen CAC experts completed their induction, basic and on-the-job training and were assigned inspector tasks and responsibilities.

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 for the airports. This project began in July 2013 with an expected duration of five years.

Project achievements

A team of five international experts, namely an Aerodrome Planning Engineer/Team Leader, a Legal and Financial Expert, an Aerodrome Certification Expert, an Aviation Security Expert and a Flight Safety Regulations Expert were recruited. The first four experts were deployed to Kuwait in May 2014 and the fifth in early October 2014. A review was conducted of the National Civil Aviation Security Programme, the Kuwait Airways Security Programme, Security Legislation, proposals of detection capabilities of security detection equipment and the Kuwait Civil Aviation Safety Regulations on Aerodromes. Assistance was provided in the establishment of overflight charges and on the methodology and materials used to repair airfield pavements.

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 the reactivation of the Civil Aviation Safety Centre (CASC). The project addresses directly issues related to human resources development and transfer of technology to Lebanon. This project, which began in 2002, has been extended through December 2015.

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 ensuring their compliance with international requirements, as well as to reactivate the Civil Aviation Safety Centre (CASC). This project, which began in 2004, has been extended through December 2015.

Project achievements

ICAO continued to provide administrative support. One national staff is 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 project began in May 2014 and is ongoing.

Project achievements

A contract was awarded for the procurement of services, including assistance in addressing safety deficiencies, capacity building, establishment and implementation of a safety oversight system as well as establishment and implementation of a system to monitor corrective actions of service providers, maintenance organizations and training organizations.

MALAYSIA**Assessment of runway, taxiway and apron, as well as all associated manoeuvring and movement areas of KLIA 2 Terminal Complex (MYS/14/601)*****Project goal***

The objective of this project, funded by the Department of Civil Aviation of Malaysia, was to assess the runway, taxiway and apron, as well as all associated manoeuvring and movement areas of Kuala Lumpur International Airport (KLIA) 2 Terminal Complex and provide a report on the compliance with relevant ICAO SARPs. This project, which began in April 2014 with an expected duration of eight days, was completed.

Project achievements

An on-site assessment was carried out by an Aerodrome/Airport Civil Engineer, deployed to Kuala Lumpur. A report on the activities performed and analysis conducted, including conclusions and recommendations, was submitted to the Department of Civil Aviation of Malaysia.

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 2015.

Project achievements

The recruitment of an aerodromes expert was initiated, however deployment is still pending a response from the State.

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 Developers 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, assisted ASA to achieve full membership in the ICAO TRAINAIR Programme in 2009 and has been extended through December 2015 with a revised objective.

Project achievements

The “Centro Internacional de Instrucción de Aeropuertos y Servicios Auxiliares” (CIASA) was recertified as a TRAINAIR PLUS Centre, which is valid until 2017. A Training Developers Course was delivered to 14 participants. Standardized Training Packages (STPs) were developed on the subjects of Fundamentals of Airport Certification and Airport Operations Coordination. A Training Instructors course to certify CIASA personnel was delivered.

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, is 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, has been extended through December 2015.

Project achievements

The project continued to provide the required training and technical assistance to 1 374 DGCA personnel and pilots in order to strengthen their capacity and knowledge in civil aviation matters related to Air Traffic Management (ATM), aimed at enhancing the DGCA's safety oversight capabilities. The 2014 training plan has been completed .

MOZAMBIQUE**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 the Republic of Mozambique, is to provide technical support and to 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). It aims at improving the safety, security, regularity and efficiency of air transport operations in Mozambique in order to better meet the country's air transportation needs and promote its economic, human and social development, as well as encourage the growth of trade and tourism and attract business and investment to the country. This project, which began in March 2012 with an expected duration of two years, was extended through January 2015.

Project achievements

Guidance material and manuals for both the civil aviation authorities and industry were developed and updated. The civil aviation regulations and related procedures were reviewed and updated. A total of 139 course-days of training was delivered to national inspectors and industry staff. Training covered the areas of aerodromes, air navigation services and aviation security. On-the-job training continued for national inspectors in the areas of aerodrome operator and air navigation service provider certification, and corresponding inspections were carried out. Two air operator certificate (AOC) holders and one aircraft maintenance organization (AMO) were audited for the renewal of their certificates. Aviation Security (AVSEC) systems oversight was implemented, as well as AVSEC programme

implementation for industry. AVSEC regulations and training programmes were developed. Annual surveillance plans were developed for the various areas of aviation safety and security.

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, is to assist the Directorate of Civil Aviation (DCA) in the reinforcement of its safety and security oversight capabilities. It comprises an assessment phase to identify remaining shortfalls after the ICAO Universal Safety Oversight Audit Programme (USOAP) audit conducted in 2006, followed by the implementation of corrective actions to address these shortfalls, and a second phase to establish a sustainable certification and surveillance system. This project, which began in 2009, was extended through January 2015.

Project achievements

A strategy for the safety oversight of Namibia's air navigation services was developed and approved. Support was provided to the DCA in the preparation and completion of the ICAO Coordinated Validation Mission (ICVM). Training programmes for national staff were updated and implemented, including more than 30 fellowships and on-the-job training. Continued support was provided in the recertification of air operator certificate (AOC) holders and aircraft maintenance organizations (AMOs). The development of a business plan for the establishment of an independent civil aviation authority was initiated. National professional staff were recruited in the areas of ICAO affairs and aviation law, and the recruitment of a Performance-based Navigation (PBN) implementation expert was completed. The majority of the guidance materials were completed and are being implemented.

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 2003 with an expected duration of one year, has been extended through December 2015.

Project achievements

The project assisted in the expansion of the existing baggage handling system incorporating three new carousels in the North Pier terminal, as well as improved flows and times of baggage handling. The project also assisted with the provision of expert consultancy services in the safety area and put into operation 12 new passenger boarding bridges for the new North Pier Terminal.

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

The objective of this project, which is funded by the Government of Panama, is 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 began in 2009 with an expected duration of three years and has been extended until June 2015.

Project achievements

Assistance was provided in integrating the Republic of Panama into the Latin America Regional Safety Oversight System and the regional Air Traffic Management System. Equipment was acquired for the Institute of Aviation Training Panama. Training was provided to project staff in the areas of airworthiness, safety, air navigation and airport aimed at their absorption into the structure of the Civil Aviation Authority.

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 in the revision of the structure and legal framework of DINAC. It also includes ICAO assistance in the supervision and management of the improvement of Silvio Pettrossi International Airport (AISP). This project began in May 2014 with an expected duration of four years.

Project Achievements

Progress was made in the development of a Corrective Action Plan to address some of the deficiencies identified through the ICAO Universal Safety Oversight Audit Programme (USOAP) as well as recommendations for the enhancement of the DINAC structure. Assistance was provided with the supervision of a Pre-Feasibility Study as well as a Feasibility Study for Silvio Pettrossi International Airport carried out by third parties. The preparation of a Master Plan for the airport continued.

PERU**Modernization of Air Traffic Management (PER/08/802)*****Project goal***

The objective of this project, funded by the “Corporación Peruana de Aeropuertos y Aviación Comercial” (CORPAC S.A.), through the Government of Peru, was to modernize air traffic services in order to develop the necessary infrastructure to implement the air traffic management (ATM) system. The project included human resources training, renewal of the area control centre (ACC), installation of a secondary surveillance radar (SSR) Mode S and implementation of air traffic services. This project, which began in July 2009 with an expected duration of five years, has been completed.

Project achievements

During 2014 the activities pertaining to this project were related to the closure of the project.

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 DGAC 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

The implementation of activities according to the contingency plan continued. A total of 135 professionals and skilled technical staff were recruited and provided assistance for various local and international training. Missions were carried out to other regions to participate in meetings and seminars and to assist other States in the area of safety. The project assisted in the follow-up audit for the ISO 9001:2008 certification as well as in the Universal Safety Oversight Audit Programme (USOAP). A study for the relocation of Chachapoyas Airport was carried out. The project supported The Grupo de Expertos en Estudios Políticos, Económicos y Jurídicos del Transporte Aéreo (GEPEJTA) meeting, a seminar on ramp safety inspection data exchange and an Incident Investigation Workshop on the Safety Management System. Support was provided for the development of the National Air Navigation Plan of Peru.

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

The objective of this project, which was funded by the Government of the Republic of Korea, was for ICAO to assist the Ministry of Land, Transport and Maritime Affairs of the Republic of Korea (MLTM) in the administration of a

programme to train participants from developing countries selected by the MLTM. This assistance covered the distribution of information to ICAO Member States and the issuance of letters of fellowship awards and letters of rejection. This project, which began in 2012 for an expected duration of one year, was extended through December 2014 and has been completed.

Project achievements

A total of 236 fellowship awards were issued by ICAO to participants from 59 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 air navigation policy, airport greenhouse gas management, airport operations, airport terminal operation, aviation policy for executives, aviation security (AVSEC) and safety, AVSEC national inspectors, Doppler VOR/Distance Measuring Equipment (DME), electronic safety tools, instrument landing systems (ILS) maintenance, radar approach control, automatic radar terminal system (ARTS), airport lighting operation and management, and NAVAIDS installation and operation.

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, was extended through June 2015.

Project achievements

Twenty ICAO operational assistance (OPAS) officers worked on this project in 2014. 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 continue 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 continue to review, update and enhance training curriculum and instructional delivery techniques, ensuring students are receiving the most accurate and up-to-date information pertaining to their professional requirements. The Project continued to assist 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 the distribution of information to ICAO Member States and the issuance of letters of fellowship and scholarship awards and letters of rejection. This project began in 2012 for an expected duration of one year and was reported as completed in 2012, but was reopened in April 2013 and extended through April 2016.

Project achievements

Ninety participants from 53 developing countries were selected for participation in ten courses which were conducted at the SAA in the disciplines of aviation security: auditing techniques and developing security manuals; civil aviation management programme; State safety programme; safety audits of air traffic services; safety oversight inspectors (airworthiness); safety oversight inspectors (flight operations); safety oversight inspectors (air navigation services); safety oversight managers; communications, navigation, surveillance/air traffic management (CNS/ATM); and a Singapore-ICAO aviation security leadership and management seminar.

Consultancy on CAAS' Aerodrome Recertification Process for Changi and Seletar Airports (SIN/13/801)***Project goal***

The objective of this project, funded by the Civil Aviation Authority of Singapore (CAAS), was to assist CAAS in conducting the recertification of both Changi and Seletar airports operated by Changi Airport Group (Singapore) Pte Ltd. This project, which began in October 2013 with an expected duration of three months, was completed.

Project achievements

One ICAO expert assisted with the review of airport manuals and other related documentation in connection with audits undertaken by the CAAS regarding Changi airport. A two-week period on site followed, covering, with assistance provided to the CAAS aerodrome certification team, both certification and best practice opportunities for improvement in the airport procedures and CAAS' certification process. A report was provided to the CAAS.

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), is to assist the CAG in improving airside safety management at Changi airport. In particular, the project objectives are 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 began in December 2014 with an expected duration of five months.

Project achievements

An Airport Operations Expert conducted an on-site assessment of current ramp operations and FOD and prepared a proposal to improve FOD risk management in conformity with all international standards and best practices.

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

This project, which is funded from aeronautical charges collected through the International Air Transport Association (IATA), 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 is 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 includes 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 are 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, the project has transitioned from a UN environment to a bilateral project between ICAO and the Federal Government of Somalia (FGS) and has been extended through April 2015.

Project achievements

The FISS project has continued 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 Flight Information Region (FIR) from the project office located in Nairobi. Fellowship training was provided to a selection of Somali project staff members in various operational areas. Assistance was provided in the form of advice on various airport infrastructure improvement projects within Somalia at the request of the civil aviation administrations concerned. A 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 FIC in Nairobi was suspended at the request of the Federal Government of Somalia. Following an evaluation mission carried out in June 2014, a transition plan for the transfer of services from the FISS project to the Government of Somalia was developed. The associated project document for implementation of the transition plan was also developed.

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 asphalt paved apron and adjoining taxiways at Juba International Airport. This project, which began in July 2014 with an expected duration of two months, was completed.

Project achievements

An aerodromes expert was recruited and deployed to Juba, and technical advice and oversight were provided to UNMISS. An intermediate report covering the first two months of the project was submitted.

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 capability to review, update and apply effectively, 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, was extended through January 2015.

Project achievements

Services continued to be provided by one international aviation medicine expert. Consultancy services were provided to SCAA for the procurement of four automatic external defibrillators.

SWAZILAND**Assistance to the Swaziland Civil Aviation Authority in the area of safety oversight (SWA/12/801)*****Project goal***

The objective of this project, funded by the Government of Swaziland, was to provide assistance in addressing the deficiencies identified during the ICAO Universal Safety Oversight Audit Programme (USOAP) audit conducted in 2007 and to build capacity within the civil aviation authority. This project, which began in June 2013 with an expected duration of 12 months, was completed.

Project achievements

Assistance was provided in the resolution of deficiencies identified through the USOAP audit in the areas of Flight Operations, Airworthiness and Personnel Licencing, in the implementation of mitigation actions and in the review of training plans. On-the-job training was delivered to national inspectors, and guidance material was amended and updated. Additional support and assistance was provided to the State in the coordination of civil aviation matters and in the areas of aerodromes and aviation law.

THAILAND**Assistance for Training in ATS Audit Course (THA/13/602)*****Project goal***

The objective of this project, funded by the Aeronautical Radio of Thailand Ltd., was to provide assistance in the delivery of training on Air Traffic Services (ATS) auditing, including classroom and on-the-job training on ICAO's Standards, regulations and procedures for an ATS Audit. This project, which began in 2014 with an expected duration of one month, was completed.

Project achievements

An Air Traffic Services Inspection/Certification Expert/Instructor conducted a five-day ICAO ATS audit course and five days on-the-job training that provided course participants' with knowledge on various aspects of Air Traffic Service auditing.

UGANDA**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, is to assist Uganda in the development of a Civil Aviation Master Plan (CAMP) for the period 2012-2031 to serve as a guide and road map 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, has been extended through December 2015.

Project achievements

The Civil Aviation Master Plan was submitted to the State. A contract was issued for the detailed design of the new airport at Kabaale.

Assistance to the Uganda Civil Aviation Authority in reviewing the implementation status of the Universal Safety Oversight Audit Programme (USOAP) Corrective Action Plan (CAP) (UGA/14/801)***Project goal***

The objective of this project, funded by the Civil Aviation Authority (CAA) of Uganda, was to provide assistance in the review of the implementation status of the State's Corrective Action Plan (CAP). This project, which began in April 2014 with an expected duration of three months, was completed.

Project achievements

The State's CAP was reviewed and recommendations for implementation provided to the State.

URUGUAY**Civil Aviation Purchasing Service (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 project, which began in 2005, is ongoing.

Project achievements

A contract was signed for the procurement of a fire-fighting vehicle.

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 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, was extended until August 2015.

Project achievements

Assistance was provided in the implementation of a comprehensive "Continuous Monitoring Plan for Safety Oversight", through the recruitment of 18 national and international inspectors. The project also complemented the technical assistance provided by the Sistema Regional de Cooperación para la Vigilancia de la Seguridad Operacional (SRVSOPS) to improve safety oversight levels. Continuous support was provided to the local authorities through the recruitment of 12 national professionals. Training was carried out in the areas of operations, airworthiness and aviation security. Sixty-six personnel of DINACIA participated in international seminars and workshops. The project also supported the reorganization of DINACIA by contracting international experts in the

areas of institutional reinforcement and human resource management. The procurement of a radar for Carrasco Airport was completed.

UNITED NATIONS

Assistance to the United Nations for the transition of solicitation process from Invitation to Bid (ITB) to Request for Proposal (RFP) for air charter services (UNP/12/801)

Project goal

The objective of this project, funded by the United Nations Secretariat (UN), was to provide assistance to the UN with the shift to a new solicitation method for the provision of air charter services required to support the UN's field missions. This project, which began in July 2012 with an expected duration of eight months and which was extended through December 2014, has been completed.

Project achievements

Assistance was provided in the development of Statement of Works for a pilot Request for Proposal (RFP) and with the evaluation of bids. A final report has been submitted.

INTER-COUNTRY AND INTER-REGIONAL LISTINGS**AFRICA REGION****African Flight Procedure Programme (AFPP) (RAF/14/801)*****Project goal***

The objective of this project, funded by Burkina Faso, Comoros, Congo, Côte d'Ivoire, Djibouti, the Democratic Republic of the Congo, Gabon, Gambia, Ghana, Guinea, Mali, Mauritania, Niger, Nigeria, Senegal, Togo, Uganda and the United Republic of Tanzania, is to develop sustainable capability in the instrument flight procedure (IFP) domain so as to meet their commitments under Assembly Resolution A37-11 for Performance-based Navigation (PBN) implementation and their obligations for the quality of their IFPs. This project began in June 2014 with an expected duration of three years.

Project achievements

A total of 150 course-days of training was delivered to 10 national staff of Member States in the areas of operational approval and Procedures for Air Navigation Services – Aircraft Operations (PANS-OPS) flight procedure design. Two workshops were held on Performance-based Navigation (PBN) implementation. Assistance was provided to Member States in the areas of regulatory approval of PBN procedures, flight procedures design, and the review and development of a PBN implementation plan.

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. This project, which began in September 2010 with an expected duration of 12 months, was extended through June 2015.

Project achievements

Continuous assistance was provided in the establishment of the AAMAC Executive Secretariat. The advertisement of the Executive Secretary's position was completed. Support was provided to the AAMAC Council in the evaluation of applications and the selection of a candidate.

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 August 2015.

Project achievements

Factory Acceptance Tests were completed to cover the entire scope of the project. ICAO and ASECNA attended the last MSSR Factory Acceptance Tests (FAT). The tested equipment was subsequently shipped to the concerned sites. The last MSSR factory training of three was delivered to ASECNA maintenance staff. The equipment installation was satisfactorily completed for the following air traffic management (ATM) or area control centre (ACC) upgrade sites: Antananarivo (Madagascar), Cotonou (Benin), Lomé (Togo), Moroni (Comoros), N'Djamena (Chad), Niamey (Niger), Nouakchott (Mauritania) and Ouagadougou (Burkina Faso). The equipment installation was partially completed (with only one motor instead of the two required) for the following sites: Antananarivo (Madagascar), Cotonou (Benin), Douala (Cameroon), Moroni (Comoros), Niamtougou (Togo), Nouakchott (Mauritania) and Ouagadougou (Burkina Faso). An amendment to the contract was signed and came into force in November 2014 to cover a change in the scope of supply for the project sites that are yet to be installed as well as the inclusion of an additional MSSR and the related ancillary equipment, services and civil work for N'Djamena (Chad).

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 Banjul Accord Group Member States to establish the BAG Accident and 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 December 2015.

Project achievements

A two-week Aircraft Accident Investigation (AAI) course, the second BAGAIA training course, was held in Ghana. Conducted by the BAGAIA Commissioner and two other instructors, the course was attended by 53 participants from BAG Member States. A preliminary informal BAGAIA Commission meeting was held during the AAI course. The nomination of the BAGAIA Commission members was initiated, and the position of the BAGAIA Deputy Commissioner was advertised.

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, the Nigerian Airspace Management Agency (NAMA) and the Roberts FIR, is to assist in the performance of a technical and operational audit of the Africa Indian Ocean Region Satellite Network (AFISNET) and to 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 a phased implementation strategy. This project, which began in December 2013 with an expected duration of four months, has been extended through June 2015.

Project achievements

Following the revision of the implementation strategy by the SNMC, the recruitment of experts was cancelled, and a call for tender was launched on the procurement website of ICAO. Technical specifications were developed. A Request for Proposal was issued. The offers received were evaluated, and a contract was signed in December.

Banjul Accord Group Aviation Safety Oversight Organisation (BAGASOO) (BGS/09/801)***Project goal***

The objective of this project, funded by Member States of the Banjul Accord Group (BAG — which is composed of Cabo Verde, Gambia, Ghana, Guinea, Liberia, Nigeria and Sierra Leone) and with in-kind and financial support from the African Development Bank, The Boeing Company, the European Aviation Safety Agency (EASA) and the United States Federal Aviation Administration (FAA), was to assist Banjul Accord Group Member States to establish the BAG Aviation Safety Oversight Organization (BAGASOO) whose mission is to enhance the safety and efficiency of air transport in the subregion. This project, which began in July 2010 with an expected duration of one year, was completed.

Project achievements

The Foreign Aircraft Safety Assessment Programme (FASAP) was launched. Related activities included the development of guidance material, training of designated FASAP national coordinators, the signature of the Memorandum of Understanding (MOU) by the Member States and the development of a web-based application for the collection, exchange and generation of reports on findings arising from foreign aircraft safety assessment. In collaboration with the United States Federal Aviation Administration (FAA), the United States Department of Transportation (DoT) and the European Aviation Safety Agency (EASA), a total of 344 course-days of training was delivered to 74 aviation personnel. Training covered various areas including Operations Specification (OPSpecs) Special Approval (by EASA), Resolution of Safety Concerns (by FAA) and Foreign Aircraft Safety Assessment Programme (FASAP) (by BAGASOO). BAGASOO extended the concept as well as its training recording software currently employed for the training and qualification of flight operations, airworthiness and aerodrome inspectors to air navigation services. To this end, framework documents, comprising formal course standards, inspector training profiles and job task analysis have been developed. Technical assistance was provided to Sierra Leone in preparation for the ICAO Coordinated Validation Mission (ICVM). Following the results of the ICVM, Corrective Action Plans (CAPs) were developed and further assistance was provided in successfully resolving two of three Significant

Safety Concerns (SSCs). A web-based Inspector Activity Tracking System (ISATS) was developed for the recording of surveillance activities conducted by the national inspectors of Member States.

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

Project goal

The objective 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, is 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, was extended through December 2015.

Project achievements

The common aviation safety regulations were further reviewed, updated and validated, with the active participation of Member States' national aviation safety inspectors. Guidance material was developed for national inspectors. 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 and rules for the future agency. Training was delivered to 54 national aviation safety inspectors in the areas of flight operations, personnel licensing and aerodromes, as well as on the application of the developed guidance material. Project staff assisted in the preparation and conduct of the tenth meeting of the COSCAP-UEMOA Steering Committee and participated in various events, such as a working session with the Satellite Navigation Services for African Region (SAFIR) and symposia organized by ICAO. Assistance missions were conducted in Guinea-Bissau, Mali, Niger and Togo in the areas of flight operations, personnel licensing and aerodrome certification.

Cooperative Development of Aeronautical Meteorological Services in WACAF Region – Pilot Project (RAF/10/802)

Project goal

The objective of this project, which was funded by Cabo Verde, Gambia, Ghana, Nigeria and Senegal, was to enhance the capability of the States' regulatory authorities in carrying out safety oversight of aeronautical meteorological services through the adoption of a comprehensive system approach. At the end of this pilot project, the enhanced capability and expertise within the region will be the basis for either a continuation of the programme or the establishment of a successor organization. This project, which began in October 2012 with an expected duration of eight months, was completed.

Project achievements

The project terminal report (PTR) was finalized and submitted to funding Member States after approval by the Steering Committee. The closing of the project was initiated.



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, has been extended through December 2015.

Project achievements

Continued assistance was provided in the establishment of the SASO, and the legal and institutional framework was developed. A total of 58 course-days of training was provided to 38 national staff of SADC Member States. The training covered the operations specifications for air operator certificate (AOC) holders and the impact of technology evolution on airworthiness. Technical assistance was provided to Member States in the implementation of Corrective Action Plans (CAPs) and in the preparation for upcoming ICAO Coordinated Validation Missions (ICVMs).

Translation of the Civil Aviation Bill of the Communauté Économique des États de l'Afrique Centrale (CEEAC) (RAF/13/601)***Project goal***

The objective of this project, which was funded by the Communauté Economique des États de l'Afrique Centrale (CEEAC), was to provide assistance in the translation of the Civil Aviation Bill of the CEEAC Member States. This project, which began in February 2014, was completed.

Project achievements

The translated text was provided to CEEAC in English, Spanish and Portuguese.

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, was to improve the operational management of air navigation services providers, airport operators and other services providers, through participation in conferences, seminars and fellowship programmes. The project, which began in 1997 and was extended through December 2014, was completed.

Project achievements

Two international seminars were delivered on Airport Emergency Planning and on Structuring and Financing of an Airport Project with the participation of 59 and 49 officials, respectively, from civil aviation administrations in the region. In the field of international cooperation, 40 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 with observer status, is to establish and operate a regional safety oversight system with the required technical, logistical and administrative support. This project, which began in 2001 with an expected duration of five years, was 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 meetings of experts, multinational certification and surveillance activities, training programmes and technical support to Member States. Training was provided for 525 participants, including courses on personnel licensing, aerodrome certification, operations and airworthiness inspectors, approval of aircraft and operators for area navigation and required navigation performance (RNAV/RNP) operations, courses on the ramp safety inspection data exchange programme and dangerous goods. LARs on personnel licensing, airworthiness, operations and aerodrome, as well as supporting documentation, were published for five States. Translation of LARs into English and Portuguese continued. The process of adoption or adaptation/harmonization of LARs as national regulations by Member States continued with different levels of implementation. Two Aircraft Maintenance Operators (AMO) were certified and four AMOs started the multinational certification process.

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 REDDIG and modernize the aeronautical fixed-service communications, so as to make it homogeneous, 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/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, was extended to 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. Spare parts were shipped to Member States. Implementation of REDDIG II was initiated. Fifty technical staff were trained in five training courses to operate and maintain REDDIG.

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), is 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 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 extended through December 2015.

Project achievements

The commission phase for the operation of the SBAS-SACCSA prototype was completed, as well as the analysis of degraded performance areas under a regional SBAS system. The definition of complementary solutions has been completed. The technical coordination of the project was transferred from AENA (Spain) to AEROCIVIL (Colombia).

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, will be extended through December 2015.

Project achievements

Continuous support was provided through activities such as administrative management training, meetings, seminars, processing of fellowships and 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 initiatives, which will lead to the transition from an air traffic management 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 air traffic management systems in the 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, was extended to December 2017.

Project achievements

Action plans aimed at the development of ATS routes network Version 3 were developed; ATC automated systems and airspace design focused on PBN were implemented, and assistance in the certification of aerodromes and heliports was provided. The project supported the convening of two meetings of the SAM implementation group and sponsored the delivery of seven training programmes and working meetings related to the above-mentioned subject matters, with the participation of 464 specialists from 14 States of the SAM Region, 2 States of the CAR Region and 10 international organizations, awarding 120 fellowships. Also the project implemented the Receiver Autonomous Integrity Monitoring (RAIM) Prediction Service for the Region, named as SATDIS.

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 ATM 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), CAR/SAM Regional Air Navigation Plan (ANP) and 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 have been enhanced for all ATM community members including States, aerodrome operators, airspace providers, airspace users, ATM service providers, ATM support industry and regulatory authorities through the implementation of performance-based air navigation systems. These benefits were assessed through performance monitoring and collection of data for the corresponding performance metrics. States were informed on the implementation status of aerodrome certification.

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

The objective of this project, which is funded by Aruba, Bahamas, Belize, Costa Rica, Cuba, Dominican Republic, Guatemala, Haiti, Honduras, Jamaica, Mexico, Nicaragua and United Kingdom (Cayman Islands), is to provide assistance in the MEVA III Transition procurement process. This project began in 2012 with an expected duration of 18 weeks and has been extended through December 2015.

Project achievements

The evaluation criteria were published together with the tender package.

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 2015.

Project achievements

An ICAO expert reviewed the reports of 18 sites and provided 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 Afghanistan, 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, was extended through September 2018.

Project achievements

The 16th South-Asia Regional Aviation Safety Team (SARAST) meeting, held in Manila, Philippines, was attended by 14 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. The 23rd Steering Committee Meeting was held in Bhutan. Training was provided to personnel of seven Member States in the areas of cabin safety inspector, flight operations audit procedures and State Safety Programme (SSP). Technical assistance missions were undertaken to Maldives, Nepal, and Sri Lanka in the areas of air operator certification, regulatory oversight related to USOAP audit results and the review of the corrective action implementation associated with the Serious Safety Concerns.

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, was 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 ten workshops and training events for 197 persons. The 17th Meeting of the SEARAST took place in Bangkok. The lists of safety enhancements for SEARAST was updated. The Project conducted eleven missions to Cambodia, Indonesia, Lao People's Democratic Republic, Myanmar and Timor-Leste to assist in implementing corrective actions and transition from the USOAP to the continuous monitoring approach (CMA).

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, 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, was extended through January 2018.

Project achievements

The 2014 COSCAP-NA Steering Committee met in Ulaanbaatar, Mongolia. The North Asia Regional Aviation Safety Team (NARAST) continued to participate in 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. Ten workshops, seven seminars, one safety forum and complementary training were provided in support of the implementation of the Steering Committee priorities: 17 training programmes were provided to 799 participants of seven States and 16 operators covering dangerous goods, cabin safety, state safety programme (SSP), continuous monitoring approach (CMA), safety performance measurements, fatigue risk management system (FRMS), winter aircraft operations, hazard identification and risk assessment, flight data analysis (FDA), aerodrome electrical systems, aerodrome pavement, the safe execution of a "go-around" safety forum, and safety management systems. Fourteen missions were conducted to China, the Democratic People's Republic of Korea, Mongolia and Republic of Korea, which included delivering various training workshops/seminars, participation in authority/industry forums, support for CMA activities and for the continued development and implementation of SSPs.

**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, Mongolia, Myanmar, Nepal, Philippines, Republic of Korea, Singapore, Sri Lanka, Timor-Leste 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 participating States and administrations by creating a regional structure for cooperation and coordination in aviation security matters and training of aviation security personnel. This project, which began in 2004 with an expected duration of five years, was 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. Many members were assisted with their revision of National Civil Aviation Security Programmes. Four ICAO or CASP-AP training courses and workshops were conducted for 68 participants, covering cargo/mail security, certification, national Instructors and aviation security legal awareness. The implementation of aviation security quality control in Bangladesh, Bhutan, Cambodia, Lao People's Democratic Republic, Myanmar and Nepal progressed. The annual technical and operational meeting (ATOM) of the CASP-AP was held to increase the routine exchange of information and communication between CASP-AP member States/Administrations and to promote collaboration in international aviation security. A Special Meeting of the 10th Steering Committee Meeting (SCM) of CASP-AP was hosted by the Civil Aviation Authority of Singapore to advance information sharing prior to the commencement of Phase III of the Programme. The Eleventh SCM, conducted at Macao SAR, China, was attended by 45 participants from 14 Member States and Administrations and approved the programme for Phase III (2014-2019), which commenced on 1 July 2014. An additional National Officer was recruited, increasing the programme staffing from 1.5 persons to 2.5.

**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, 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 until project Member States/Administrations come to the conclusion that regional preparedness planning and response to public health issues in the aviation sector have reached a satisfactory level of maturity.

Project achievements

The 7th Meeting of the CAPSCA-Asia Pacific (CAPSCA-AP) project, which was hosted by the Civil Aviation Authority of Sri Lanka in Colombo, was attended by 70 participants, representing both Civil Aviation and Public Health Authorities and their stakeholders, from 13 States/Administrations of the Asia Pacific Region, i.e., Bangladesh, Brunei Darussalam, China, Hong Kong SAR, Indonesia, Macao SAR, Malaysia, Maldives, Nepal, New Zealand, Singapore, Sri Lanka and Thailand. In addition to ICAO, partner organizations at the meeting included representatives from the World Health Organization (WHO), Airports Council International (ACI), Association of Asia Pacific Airlines (AAPA), and the University of Toronto.

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. Democratic People's Republic of Korea, Fiji, Mongolia, Myanmar, Pakistan, Tonga and Viet Nam participate in the programme as user participating States, but do not make annual contributions. This project, which began in January 2010 with an expected duration of three years, has been extended through December 2017.

Project achievements

Assistance in training and procedure design was provided to APAC FPP Member States. In cooperation with partner organizations, such as the ICAO Cooperative Development of Operational Safety and Continuing Airworthiness Programmes (COSCAP) and the International Air Transport Association (IATA), eight training courses and workshops with 109 participants from 18 States/Administrations were delivered in China, Myanmar, Mongolia and Sri Lanka including a performance-based navigation (PBN) implementation workshop; an ICAO Procedures for Air Navigation Services — Aircraft Operations (PANS-OPS) initial course for procedure designer; a PBN procedure design course; procedure design on-the-job training; a PBN implementation workshop; and a flight validation for pilots course. Consultations, quality assurance assistance and procedure design support were provided to three Member States.

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) or 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, to reinforce the notion of safety management to participating States, and enhance States' capability under the SSP for the acceptance and oversight of aerodrome service providers' SMS plans. This project, which began September 2011 with an expected duration of four months, has been extended through December 2015.

Project achievements

A tentative mission programme for follow-up missions to Kiribati, Nauru, Papua New Guinea, Samoa, Solomon Islands and Tonga has been prepared and is in the process of being coordinated with these States.

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, was extended through December 2015.

Project achievements

Six seminars, training sessions and workshops were organized in Kuwait and the United Arab Emirates and attended by 215 participants from four States. These covered updates on Annex 19 to the Chicago Convention and the *Safety Management Manual (SMM)* (Doc 9859); European Union/European Aviation Safety Agency (EU/EASA) Air Operations Regulations and Part M/Part 66/Part 145/Part 147 regulations. A comprehensive training programme, including training for new inspectors and recurrent training, was prepared and disseminated to Member States. A Manual of the CAA Audit Procedures and a CAA training programme for the inspectors were developed.

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 2015.

Project achievements

Meetings, seminars and workshops were attended by a total of 566 participants from 11 States and included: a Safety Assessment of Foreign Aircraft (SAFA) seminar organized by Airbus, IAC and the Federal Authority for Transport Oversight (FATO) of the Russian Federation conducted in Yekaterinburg for the airlines of the Russian Federation; a SAFA seminar organized by Airbus and IAC in St. Petersburg for flight safety inspectors from the Russian Federation; a Technical and Flight Operations Data Review and Training Seminar organized by Airbus and



IAC in Moscow attended by representatives of aviation administrations and leading airlines of Armenia, Azerbaijan, Kyrgyzstan, the Russian Federation, Ukraine and Tajikistan; Aircraft Accident Investigation and Promotion of Flight Safety courses conducted in Bishkek, Kyrgyzstan by IAC; a seminar on SMS Regional Network Programme organized by the International Air Transport Association (IATA) jointly with IAC in Moscow attended by 86 representatives of 16 airlines of the region; a Flight Data Analysis Seminar organized by IAC in cooperation with Airbus in Moscow and attended by 120 experts from 14 States and five international and regional organizations; and the meeting of the ICAO-European Regional Expert Group on Flight Safety (IE REST) organized at IAC headquarters with the assistance of the project.

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 and guidance material related to aviation security and facilitation by enhancing 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 at improvement in the regulation and enforcement of aviation security provisions and of security arrangements and implementation capability at international airports in the participating States; development of a standing aviation security structure in the long term for cooperation and coordination in aviation security matters among the participating States; and provision of 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 third Meeting of the CASP-MID Experts Working Group (EWG), held in Manama, Bahrain, discussed technical and operational matters relating to significant aviation security issues facing States in the Middle East Region. The Second Meeting of the Executive Steering Committee (ESC), also held in Bahrain, approved the 2014-2015 Annual Work Plan of CASP-MID. The CASP-MID Programme Coordinator assisted Bahrain Civil Aviation Affairs and the Ministry of Interior in establishing the Gulf Aviation Academy (GAA) as the National Aviation Security Training Centre for the Kingdom of Bahrain. GAA received accreditation as an ICAO Aviation Security Training Centre in April 2014. Eight ICAO Basic Aviation Security Courses were conducted at the Gulf Aviation Academy for 186 students from Civil Aviation Affairs, the Airport Police Directorate, Customs, Bahrain Airport Company, Bahrain Airport Services, Gulf Air, and Gulf Aviation Academy. A CASP-MID Aviation Security Certification Systems Workshop was conducted at the Queen Noor Civil Aviation Technical College in Amman, Jordan, for 17 students from Bahrain, Jordan, Kuwait, Saudi Arabia and Sudan. A CASP-MID National Aviation Security Inspectors Course was conducted at the Gulf Aviation Academy for 16 students from Bahrain, Saudi Arabia and Sudan.

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), is 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 began in November 2013 with an expected duration of two years.



Project achievements

An annotated AIRSAN bibliography was completed following a systematic review of available documents. The AIRSAN website was launched, with public and password-protected areas, and a literature search has been completed concerning development of the training tool.

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