



**Agenda Item 2: Global and regional civil aviation requirements and challenges**

- b) Results of main ICAO global aviation symposia

**RESULTS OF THE SECOND GLOBAL AVIATION COOPERATION SYMPOSIUM**

(Presented by the Director of the ICAO Technical Cooperation Bureau)

**SUMMARY**

This working paper presents the results of the Second Global Aviation Cooperation Symposium, held in Athens, Greece, from 11 to 13 October 2017.

With a participation of more than 350 delegates, representing 64 countries and multiple international organisations, regional civil aviation agencies and the industry, this Symposium focused on the theme of "Managing Change: Building a safe, secure and sustainable aviation community".

The event offered a unique platform for aviation professionals and authorities to exchange experiences and discuss challenges and opportunities for civil aviation, which enriched its results and led to valuable conclusions for the benefit of the States.

The Meeting is invited to:

- 1) take note of the information contained in this working paper;
- 2) consider the use of the Technical Cooperation Programme that ICAO offers for the benefit of the States; and
- 3) support the participation of your Administrations at the next Symposium in 2019.

**REFERENCES**

ICAO website

ICAO Technical Cooperation Programme

**ICAO Strategic Objectives**

- a) *Safety*
- b) *Air navigation capacity and efficiency*
- c) *Security and facilitation*
- d) *Economic development of air transport*
- e) *Environmental protection*

## 1. Background

1.1 The First Global Aviation Cooperation Symposium (GACS) was held in ICAO Headquarters, on September 2014. With the purpose of better promoting the scope and benefits of the Technical Cooperation Programme, ICAO decided to carry out this event every two years, in different regions of the world, thus emphasizing the importance of the “No Country left Behind” campaign.

1.2 Focused on the topic "Managing change: Building a safe, secure and sustainable aviation community", the Second Global Aviation Cooperation Symposium (GACS 2), held in Athens, Greece, in collaboration with the Hellenic civil aviation authority and the Athens International Airport, offered a unique platform for aviation authorities and professionals to share ideas on the latest developments and innovations, exchange relevant experiences, discuss challenges and opportunities in the air transport industry, and draw valuable conclusions enabling the implementation of improvements in each aviation-related area. General information on the event is shown in the **Appendix** to this working paper.

1.3 The objectives set for this Symposium were the following:

1.3.1 **Goal 1 – Managing change: Building a safe, secure, and sustainable aviation community:** Civil aviation general directors, industry leaders and international experts gathered to discuss, compare knowledge, experiences and insights on current and emerging trends to better address the changes required to build and maintain a safe, efficient and sustainable aviation system.

1.3.2 **Goal 2 – Identification of unique solutions for capacity building through cooperation and technical assistance:** The event offered the opportunity to identify and discuss the difficulties and challenges that occur throughout the aviation spectrum, as well as the trends and problems foreseen as a result of the growth of the aviation activity and the new technologies. The participants had the opportunity to identify common issues, discuss solutions and exchange best practices through examples of implementation of cooperation and technical assistance projects.

1.3.3 **Goal 3 – Promoting the ICAO Technical Cooperation Programme to assist States in the achievement of their goals:** The participants of the Symposium were able to learn about the Technical Cooperation Programme, its benefits, and the way of working with ICAO.

1.3.4 **Goal 4 – Strengthening relations among aviation-related authorities, industry, operators and academia:** The event brought together numerous authorities, airport operators, air navigation service providers, academia and industry, who had the opportunity of sharing and improving collaboration on civil aviation issues.

## 2. Discussion

2.1 The Second Global Aviation Cooperation Symposium served not only as a forum for civil aviation authorities, but also for air navigation service providers, airport operators, the aeronautical industry and academia, who exchanged experiences and best practices, for the benefit of all participants.

2.2 The Symposium was inaugurated by the ICAO Secretary General, Dr. Fang Liu, the Secretary General of the Ministry of Transport of Greece, the Director General of Civil Aviation of Greece, the CEO of the Athens airport, the Chairman of the Board of the Athens airport, and the ICAO Technical Cooperation Director.

2.3 The programme of the Symposium was very well received by the participants, since most aspects of civil aviation were covered by the various panels and presentations made by the 43 panel members and speakers, which included civil aviation directors, presidents of international organisations, high-ranking safety and security executives, representatives of regional organisations such as ASECNA, EASA, EUROCONTROL, etc.

2.4 The sessions, which produced valuable conclusions, recommendations and best practices, focused on the following topics:

2.4.1 **Implementation of technical cooperation projects:** Four presentations dealt with topics such as investigation of accidents (JIAAC Argentina); air navigation services providers (ASECNA Africa); regional safety oversight organisations (BAGASOO Africa); and the ICAO Technical Cooperation Programme (TCB). These presentations offered the opportunity to visualise in a practical manner, the advantages of the ICAO Technical Cooperation Programme for States.

2.4.2 **Airport Development Panel:** The panel was moderated by the Executive Secretary of the European Civil Aviation Conference (ECAC), Mr. Salvatore Sciacchitano, and consisted of four members, who discussed the latest trends in airport planning and development, its challenges, and the solutions to be taken into account in the forthcoming years. The questions from the audience also enriched the debate and conclusions of the panel.

2.4.3 **Aviation Security (AVSEC) and Facilitation Panel:** Moderated by the Deputy Director, ICAO AVSEC and Facilitation Section, Mr. Sylvain Lefoyer, four speakers generated the discussion, which focused on how to obtain maximum benefit from the ICAO Traveller Identification Programme (TRIP) programme and from the latest safety-related techniques and practices, taking into account global forces or factors affecting security and facilitation, as the needs of the States.

2.4.4 **Session for enhancing safety oversight capacity:** With an expected two-fold increase in the number of passengers and flights worldwide by 2030, the presentations and subsequent discussion focused on how to increase and maintain safety surveillance levels; what are governments doing in this regard; how are current and emerging safety risks being addressed. With the participation of five speakers, the participants to the Symposium benefitted through the exchange of valuable experiences, ideas and options that could be used by the various countries.

2.4.5 **Panel on challenges in the provision of air navigation services:** Moderated by the EUROCONTROL General Director, Mr. Frank Brenner, four speakers discussed the different technologies and solutions being introduced to address air navigation challenges and promote air navigation safety and efficiency. New technologies and innovations can only be implemented when States, industry and air navigation service providers cooperate to implement solutions.

2.4.6 **Cooperation based on a regional approach:** Moderated by the Asia Pacific ICAO Regional Director, Mr. Arun Mishra, five panel members shared their experience in regional projects that benefit a group of States on safety and air navigation matters. The structure of regional projects managed by ICAO is an excellent mechanism that the different regions of the world should take into account, for the benefit of its States.

2.4.7 **Capacity building and training:** Moderated by the ICAO Technical Cooperation Director, Mr. Ivan Galan, four panel members exchanged ideas and valuable experience in the process of developing and strengthening the skills, abilities, processes and resources required by civil aviation organisations to survive, adapt and thrive in the fast-changing world of aviation, where thousands of aviation professionals will need to be trained to meet the increased demand for pilots, mechanics, air traffic controllers, inspectors, etc.

2.4.8 **Project funding and resource mobilisation:** Moderated by the Chief of the ICAO Strategic Planning, Coordination and Partnerships Office, Mr. Henry Gourджи, four panel members presented their points of view regarding methods to show the importance of civil aviation development in States, and how to mobilise resources to meet their needs.

### **3. Conclusions**

3.1 The Second Global Aviation Cooperation Symposium, held in Athens, Greece, on 11 and 13 October 2017, was an excellent opportunity for civil aviation authorities, airport operators, air navigation service providers, aviation accident investigators, regional organisations, industry stakeholders and aviation professionals to exchange ideas and best practices, and understand the challenges and opportunities derived from aviation development.

3.2 The Third Global Aviation Cooperation Symposium will be held in 2019, in a Region still to be defined. So far, ICAO has received two proposals for organising this event. State participation in this symposium is highly recommendable, as it is a valuable opportunity to learn lessons that can be applied regionally or nationally for the sake of aviation development.

3.3 Through the various presentations, the Symposium showed the advantages of the ICAO Technical Cooperation programme as an efficient tool that States have at their disposal to make improvements in the various areas of their activities.

-----

**APPENDIX**

THE SECOND ICAO GLOBAL AVIATION COOPERATION  
SYMPOSIUM

Athens, Greece, 11 - 13 October 2017

**GACS**  
**2017**

# GACS 2017

## THE SECOND ICAO GLOBAL AVIATION COOPERATION SYMPOSIUM

Managing Change: Building a safe, secure and sustainable aviation community

Athens, Greece, 11 - 13 October 2017



ICAO

In collaboration with



# Event Guide & Directory



## Table of contents

---

3	Executive Summary
4	Goals of the Symposium
5	Symposium Programme
12	Event Floor Plan
13	Sponsors and Exhibitors
22	Supporting Organizations

---



## Executive Summary

ICAO's **Technical Cooperation Programme** provides advice and assistance in the development and implementation of projects to support States to meet their obligations under the Chicago Convention. The Programme is conducted under the broad policy guidance of the ICAO Assembly and of the Council. The Technical Cooperation Programme is executed by the Technical Cooperation Bureau (TCB).

TCB's vision is to enable States to attain, in the field of civil aviation, a high standard to benefit the economic and social areas where air transport and related civil aviation industries generate at the local, regional and national level throughout the world. TCB understands the hopes and challenges of the civil aviation world and from experience knows how to realize those hopes and overcome those challenges.

Focused on the theme of "Managing Change: Building a Safe, Secure and Sustainable Aviation Community", the Second Global Aviation Cooperation Symposium (GACS 2) offers a unique platform for aviation professionals to exchange their views and discuss challenges and opportunities related to their fields. It provides a forum for regulators, service providers, operators and other industry stakeholders to meet and exchange on their experiences and best practices in implementing technical cooperation projects.

The GACS 2 is organized in close collaboration with the Hellenic Civil Aviation Authority and the Athens International Airport. The event provides an opportunity for participants to exchange important information and views on latest trends and innovations, as well as sharing of best practices to support a safe, secure, sustainable and efficient future for global air transport.

## Goals of the Symposium

### **Goal 1 – Managing Change: building a safe, secure, and sustainable aviation community**

Discuss how best to manage the changes necessary to build and maintain a safe, secure and sustainable aviation community. Industry leaders, technical experts, national and international specialists will be at the heart of the Symposium's discussions. These industry experts will share their knowledge and perception of current and emerging trends within the context of technical cooperation. Safety, security and environmental concerns will be discussed across the areas of airport development, air navigation, safety oversight, security and facilitation, as well as building regional and inter-regional mechanisms.

### **Goal 2 – Determining unique solutions for capacity building through technical cooperation and assistance projects**

The Symposium will provide an opportunity to discuss ascending difficulties identified across the full spectrum of aviation and emerging technologies and trends. States will have the occasion to capture commonly found issues, solutions and best-practices shared through the presentation of Technical Cooperation and Technical Assistance projects. Project successes, challenges, and implementation of technical solutions will be showcased.

### **Goal 3 – Promote ICAO's Technical Cooperation Programme in assisting States achieve their goals**

The Symposium will also give a general overview of ICAO's Technical Cooperation Programme's services and best-practices in providing capacity building assistance to Member States and regional organizations.

### **Goal 4 – Strengthen institutional and cross-industry relationships**

The Symposium will bring together ICAO experts, Member States, industry providers, national, regional and international organizations, to enhance collaboration between authorities, industry and other stakeholders through technical cooperation.



## Pre-Symposium Day – Tuesday, 10 October 2017

14:00 – 17:00 **On-Site Registration**

**DIVANI APOLLON PALACE & THALASSO HOTEL**

10, Agiou Nikolaou & Iliou Str.

GR-166 71, Athens - Vouliagmeni, Greece

## Day 1 – Wednesday, 11 October 2017

7:00 – 9:00 **Registration**

9:00 – 10:30 **Opening Ceremony**

Opening Remarks:

**Dr. Fang LIU**, *Secretary General, International Civil Aviation Organization (ICAO)*

**Mr. Christos SPIRTZIS**, *Minister of Infrastructure and Transport – Hellenic Civil Aviation Authority (HCAA)-Greece*

**Mr. Konstantinos LINTZERAKOS**, *Governor - HCAA-GREECE*

Keynote Speakers:

**Dr. Dimitrios DIMITRIOU**, *Chairman of the Board, Athens International Airport (AIA)*

**Dr. Yiannis PARASCHIS**, *Chief Executive Officer, Athens International Airport (AIA)*

**Mr. Iván GALÁN**, *Director, Technical Cooperation Bureau - ICAO*

10:30 – 11:00 **Coffee Break**

Sponsored by Ellinair



11:00 – 12:30 **Technical Cooperation Realization Session**

ICAO's Technical Cooperation Programme provides support in all areas of civil aviation. More than 100 States/Organizations benefit annually with aviation projects, implementation through ICAO TCB, for improving their civil aviation systems through human resources training programmes, recruitment of expert consultants and procurement of civil aviation equipment and services, which have had a clear positive effect on their civil aviation systems and on the local and regional economic development.

The session will provide an opportunity for participants to learn firsthand the benefits of technical cooperation through existing cases.

Speakers:

**Ms. Pamela SUAREZ**, *President - Junta de Investigación de Accidentes de Aviación Civil (JIAAC) - Argentina*

**Mr. Mohammed MOUSSA**, *Director General - Agence pour la Sécurité de la Navigation Aérienne en Afrique et à Madagascar (ASECNA)*

**Mr. Tidiane BAH**, *Executive Director - Banjul Accord Group Aviation Safety Oversight Organisation (BAGASOO)*

**Mr. Daniel SOUHAMI**, *Field Project Officer, ICAO*

# Day 1 – Wednesday, 11 October 2017

12:30 – 14:00 Lunch Break  
Sponsored by Athens International Airport



## 14:00 – 15:30 Airport Development Panel

With an increase in airport traffic globally, airport capacity is becoming a real concern for States as they are more and more considered crucial for local and regional economic opportunities. In this context, civil aviation is a driver for economies and plays an important role on the social and economic development.

With a steady increase in the number of flights, aircraft movements and passenger traffic, airport operators have had to manage this influx of passenger and cargo traffic. The Technical Cooperation Programme has worked with airport operators to address emerging safety, security, operational and technical resources demands. These challenges have been addressed through the implementation of complex projects from designing and planning to infrastructure, equipment, as well as the commercialization of airports.

Panelists will discuss how best to plan for future airport demand, and implement corresponding solutions.

**Moderator: Mr. Salvatore SCIACCHITANO**, *Executive Secretary – European Civil Aviation Conference (ECAC)*

**Speakers:**

**Mr. Alfonso DIEZ-MENTZEL**, *Aerodrome Expert – ICAO*

**Mr. Nikolaos IOSIF**, *Manager, Airfield Services – AIA*

**Mr. Jean-Louis PIRAT**, *Scientific and International Advisor – Direction Générale de l'Aviation Civile (DGAC)-France*

**Ms. Andrea WÄCHTERSCHÄUSER**, *Director of Airport Infrastructure & Regulatory Affairs, International Air Transport Association (IATA)*

15:30 – 16:00 Coffee Break  
Sponsored by Olympus Airways



16:00– 17:00 Workshops: EMPIC/CAAI/SkyExpress

**EMPIC**



**sky express**

17:30 – 21:00 Cocktails and Gala Dinner  
Sponsored by Sky Express

**sky express**

End of Day 1

## Day 2 – Thursday, 12 October 2017

### 9:00 – 10:30 AVSEC (Aviation Security) and Facilitation Panel

Responding to the global driving forces and needs of Member States, ICAO's AVSEC and TRIP programmes provide a framework for achieving the maximum benefits of traveller identification management to aviation security and facilitation.

In a global effort to make air travel more enjoyable and efficient, security and facilitation must continue to meet the highest of standards.

The panel will discuss today's existing challenges in aviation security and facilitation as well as provide examples of related technical cooperation projects.

**Moderator: Mr. Sylvain LEFOYER**, *Deputy Director, AVSEC and Facilitation- ICAO*

**Speakers:**

**Mr. Kyal BARTER**, *Programme Coordinator - CASP-AP-ICAO*

**Mr. Jean-François LAMANNA**, *AVSEC Expert*

**Mr. Paul FUJIMURA**, *Assistant Administrator - Transportation Security Administration (TSA)*

**Ms. Asha MENON**, *Senior Technical Officer – Compliance and Facilitation Directorate - World Customs Organization (WCO)*

10:30 – 11:00 Coffee Break  
Sponsored by Gain Jet



### 11:00 – 12:30 Enhancing Safety Oversight Session

The number of passengers and flights worldwide are projected to double by 2030, making aviation safety fundamental to sustainable growth in air travel. What are governments doing to ensure the continuous improvement of global aviation safety? How are current and emerging safety risks being addressed?

This session will offer presentations to participants on how Member States can overcome these challenges. It will also present different options on how States can associate with ICAO to obtain assistance.

**Speakers:**

**Mr. Georgios SOURVANOS**, *Head of Airworthiness Section - HCAA-Greece*

**Mr. Matthias BORGMEIER**, *Manager, Technical Cooperation Programmes - European Aviation Safety Agency (EASA)*

**Mr. Hamza JOHARI**, *Director General, Tanzania Civil Aviation Authority (TCAA)*

**Mr. Julio Antonio MARTINIS GUERRA**, *Secretary General – Autoridad de Aeronáutica Civil -Panamá*

**Mr. Giancarlo BUONO**, *Regional Director Safety and Flight Operations, Europe - IATA*

**Mr. Paul MCGRAW**, *Vice-President, Operations & Safety – Airlines for America*

12:30 – 14:00 Lunch Break  
Sponsored by Athens International Airport



## Day 2 – Thursday, 12 October 2017

### 14:00 – 15:30 Challenges For ANSP (Air Navigation Service Provider) Panel

Innovative technologies have been introduced in recent years to tackle air navigation challenges to promote safety and efficiency. New technologies and innovation can only be implemented when Member States, industry stakeholders and air navigation service providers cooperate to implement best practice solutions.

Panelists will discuss how best to prioritize air navigation challenges, including the use of technical cooperation solutions.

**Moderator: Mr. Frank BRENNER**, *Director General - Eurocontrol*

**Speakers:**

**Mr. Thomas BUCHANAN**, *Head, International Affairs and Corporate Compliance - Skyguide*

**Dr. Daniel SCHAAD**, *Head of Instrument Flight Procedures - Austro Control GmbH*

**Mr. Mohamed MOUSSA**, *Director General – ASECNA*

**Mr. Cristiano BALDONI**, *Head of CNS, Meteo & ICT Security - ENAV S.p.A.*

---

### 15:30 – 16:00 Coffee Break

Sponsored by Athens International Airport



---

### 16:00 – 17:30 Cooperation Through Regional Approach Panel

The regional support structure of ICAO is led by its seven Regional Offices (Asia & Pacific (APAC), Eastern & Southern African (ESAF), South American (SAM), North American/Central American/Caribbean (NACC), Western & Central African (WACAF), European & North Atlantic (EUR/NAT) and the Middle East (MID).

These offices, through regional cooperation, act as a key mechanism by which ICAO assists in the effective implementation of ICAO's global Standards and Recommended Practices (SARPs). These projects are set up to facilitate regional cooperation through the exchange of ideas, the identification of regional challenges and the sharing of resources.

Our panelists will review methodologies and tools available to Member States.

**Moderator: Mr. Luis FONSECA DE ALMEIDA**, *Regional Director, European And North Atlantic Office - ICAO*

**Speakers:**

**Mr. Sarantis POULIMENAKOS**, *Regional Officer - ICAO*

**Mr. Frederic LEGRAND**, *Programme Manager - ICAO-AFPP*

**Mr. Matthias BORGMEIER**, *Manager, Technical Cooperation Programmes - European Aviation Safety Agency (EASA)*

**Mr. Lorenzo SEPULVEDA**, *Director Of Safety – Directorate General Of Civil Aviation-Chile*

**Ms. Suzette NIEUWOUDT**, *Interim Executive Director – Interim Southern African Development Community Aviation Safety Organisation (iSASO)*

---

End of Day 2

## Day 3 – Friday, 13 October 2017

### 9:00 – 10:30 Capacity Building and Training Panel

Capacity building is defined as the "process of developing and strengthening the skills, instincts, abilities, processes and resources that organizations and communities need to survive, adapt, and thrive in the fast-changing world of aviation."

Thousands of aviation professionals will need to be trained to keep up with an increased demand for pilots, mechanics, air traffic controllers and other aviation services.

Panelists will review best practice training programmes and discuss the implementation of ICAO provisions within their training programmes.

**Moderator: Mr. Iván GALÁN**, *Director, Technical Cooperation Bureau - ICAO*

**Speakers:**

**Mr. Kyoung Jae HUR**, *Director - Ministry of Land, Infrastructure and Transport (MOLIT) - Republic of Korea*

**Mr. Christos PETROU**, *Interim Chief Executive Officer - European Association of Aviation Training and Education Organisations (EATEO)*

**Ms. Margareth KYARWENDA**, *Secretary General - Association of African Aviation Training Organizations (AATO)*

**Mr. Arun MISHRA**, *Regional Director, Asia and Pacific Office - ICAO*

**Ms. Grace OKUNGU**, *Chief, Field Personnel Section - ICAO*

---

10:30 – 11:00 Coffee Break  
Sponsored by Astra Airlines



---

### 11:00 – 12:15 Project Funding and Resource Mobilization Panel

The purpose of the panel is to showcase the impact of efficient and effective planning for aviation at the national and sectoral levels from different perspectives, share lessons learned and identify key steps in unlocking the needed resources for aviation at the national level.

This panel will bring together a key set of stakeholders representing donor and recipient governments, financial institutions, international organizations and development partners to exchange views and experiences as well as lessons learned on how to increase the likelihood of mobilizing resources for key aviation projects through strategic integration of aviation in national and sectoral planning processes. The conversation around a few strategically chosen success stories will underscore that policies, strategies and plans are not ends in themselves. They are part of the larger process that aims to align country priorities with the real national needs of the population, generate buy-in across government, development partners, civil society, the private sector and aviation partners, and make better use of all available resources. Throughout the conversation the opportunities for technical cooperation to strengthen civil aviation master plans, including its linkages with the national development plan processes will be discussed as well.

## Day 3 – Friday, 13 October 2017

### 11:00 – 12:15 **Project Funding and Resource Mobilization Panel (continued)**

Participants will have a clearer understanding on how to bridge disconnects between national development plans and civil aviation master plans. They will have heard from donors and recipient governments alike about key elements in the planning processes, including the importance of cultivating national capacities to integrate aviation in plans and budgets, to reflect accountability and strengthen performance reporting. Panel participants will understand that national policies, strategies, and plans are increasingly seen as key to improve aid effectiveness and flow of funding hence the importance of including aviation within them.

**Moderator: Mr. Henry Gourджи**, *Head, Strategic Planning, Coordination and Partnerships Office - ICAO*

#### **Panel:**

##### **Civil Aviation Authority, Republic of Zambia**

Objective: To showcase how Zambia benefitted from including aviation in the appropriate national and sectoral planning processes; was technical assistance critical in building their cases, share lessons learned.

##### **European Union**

Objective: To provide the Donor's perspective on why they supported Zambia's Aviation Sector Support Programme. Are there any lessons learned?

##### **HSBC**

Objective: To discuss the rationale used by a commercial partner to finance aviation projects. What technical assistance should be provided to materialize the partnership?

##### **ARUP**

Objective: To showcase the mechanics of the use and implementation of Public Private Partnerships in support of aviation infrastructure development. Share lessons learned.

**Exchange of views and interactive discussion.**

---

### 12:15 – 12:45 **Closing Ceremony**

---

12:45 – 14:00 **Lunch Break**  
Sponsored by Athens International Airport



14:00 – 18:00 **Athens City Tour**