



ACI ASIA-PACIFIC YEAR IN REVIEW 2017



TABLE OF CONTENTS

03	Message From The President	20	12th ACI Asia-Pacific Regional Assembly Resolutions
04	ACI Asia-Pacific Airport Members	21	ACI's Priority Areas: Progress in 2017 <ul style="list-style-type: none"> • Aviation Security • Economics • Environment • Safety • Training & Development
08	ACI Asia-Pacific Regional Board	32	Airport Carbon Accreditation
10	ACI Asia-Pacific Activities Highlights	34	Airport Service Quality
14	Engagement with ICAO	35	Publications
16	Building Connections & Member Engagement		
18	12th ACI Asia-Pacific Regional Assembly, Conference and Exhibition		

MESSAGE FROM THE PRESIDENT



2017 has been another successful and fruitful year for ACI Asia-Pacific. Airports across the region experienced surging traffic in 2017 yet maintaining safe, secure, sustainable airports, providing high standards of service and delivering high operational efficiency.

ACI is the only association representing airports worldwide. It is ACI's mission to advance the collective interests of its member airports, and promote professional excellence in airport management and operations. We are therefore pleased to welcome new airports and World Business Partner members to our region in 2017, strengthening our connections within the aviation community, and achieving significant progress on ACI's priority areas.

Airports in the Asia-Pacific have significant investment pipelines in capacity expansion, operational efficiency and a world leading customer service and experience. ACI has a critical role to play in advocating for supportive policy settings to support that growth and high quality outcomes for the benefit of our airline customers and consumers.

In 2017 ACI has played a key role at an array of industry events, committee meetings, network opportunities and training workshops, to meet our members' diverse needs. Programmes such as Airport Excellence in Safety & Security, Airport Service Quality, Airport Carbon Accreditation continued to expand to more airports in the region, receiving positive feedback on the relevancy of the programmes on enhancing airport operations. Member feedback has reaffirmed the value of these initiatives for our members' development, and the team will continue to keep up the good work in the coming years.

It has been my honour and privilege to serve as President of the ACI Asia-Pacific Region. Airports play such an important role in driving our economies and creating jobs, through the growth in tourism and travel, and the significant investment in aviation infrastructure to support that growth and enhance the customer experience. I feel enormous pride in our collective achievements, and share your passion for our dynamic industry. It's been a privilege to work collaboratively with you all to further our strategic goals for mutual benefit. I wish to extend my heartfelt thanks to our members for their trust and support over the years.

Kerrie Mather
President
ACI Asia-Pacific

AMERICAN SAMOA

PAGO PAGO American Samoa Government

AUSTRALIA

ADELAIDE Adelaide Airport Limited
 BRISBANE Brisbane Airport Corporation Pty Limited
 CAIRNS North Queensland Airports Operations Pty Ltd
 CANBERRA Canberra Airport
 CASUARINA Northern Territory Airports Pty Ltd
 GOLD COAST Queensland Airports Limited
 HOBART Hobart International Airport Pty Ltd
 MELBOURNE Australia Pacific Airports Corporation Limited
 NEWCASTLE Newcastle Airport Pty Ltd
 PERTH Perth Airport Pty Ltd
 SUNSHINE COAST Sunshine Coast Regional Council
 SYDNEY Sydney Airport

BAHRAIN

BAHRAIN Bahrain Airport Company SPC

BANGLADESH

DHAKA Civil Aviation Authority of Bangladesh

BHUTAN

PARO Department of Air Transport, Bhutan

BRUNEI DARUSSALAM

BANDAR SERI BEGAWAN Department of Civil Aviation

CAMBODIA

PHNOM PENH Cambodia Airports

CHINA

BEIJING Beijing Capital International Airport Co. Ltd
 CHENGDU Sichuan Province Airport Group Co, Ltd.
 CHONGQING Chongqing Airport Group Co., Ltd.
 CHANGCHUN Jilin Civil Airport Group Company
 GUANGZHOU Guangdong Airport Authority
 HAINAN HNA Airport Group Co., Ltd
 HANGZHOU Hangzhou Xiaoshan International Airport Co. Ltd
 HARBIN Heilongjiang Airports Management Group Co., Ltd
 HOHHOT Inner Mongolia Autonomous Region Civil Airports Group Co., Ltd.
 Hohhot Branch
 HUBEI Hubei Airports Group Company
 KUNMING Yunnan Airport Group Co. Ltd.
 NANJING Nanjing Lukou International Airport Co. Ltd
 NANCHANG Jiangxi Airports Group Company
 QINGDAO Qingdao International Airport Group Co. Ltd

SHANGHAI
 SHENYANG
 SHENZHEN
 SHIJIAZHUANG
 TIANJIN
 XIAMEN
 XI'AN

Shanghai Airport Authority
 Shenyang Taoxian Int'l Airport Co., Ltd
 Shenzhen Airport (Group) Company
 Hebei Airport Management Holding Co., Ltd.
 Tianjin Binhai International Airport
 Iport Group
 China West Airport Group

CHINESE TAIPEI

KAOHSIUNG Kaohsiung International Airport, CAA
 TAIPEI Taoyuan International Airport Corporation Ltd

COOK ISLANDS

RAROTONGA Airport Authority Cook Islands

FIJI

NADI Airports Fiji Ltd

FRENCH POLYNESIA

PAPEETE Airport of Tahiti

HONG KONG, CHINA

HONG KONG Airport Authority Hong Kong

INDIA

BENGALURU Bangalore International Airport Limited
 COCHIN Cochin International Airport Limited
 HYDERABAD GMR Hyderabad International Airport Limited
 MUMBAI Mumbai International Airport Pvt. Ltd.
 NEW DELHI Delhi International Airport Ltd
 NEW DELHI Airports Authority of India

INDONESIA

JAKARTA PT (Persero) Angkasa Pura I
 JAKARTA PT (Persero) Angkasa Pura II

IRAN

TEHRAN Imam Khomeini Airport City
 TEHRAN Iran Airports Company
 QESHM Qeshm International Airport

IRAQ

ERBIL Erbil International Airport

JAPAN

NAGOYA Central Japan International Airport Co., Ltd.
 OSAKA Kansai Airports
 TOKYO Japan Airport Terminal Co., Ltd.
 TOKYO Narita International Airport Corporation

JORDAN

AMMAN Airport International Group
AMMAN Jordan Airports Company PSC

KOREA

INCHEON Incheon International Airport Corporation
SEOUL Korea Airports Corporation

KUWAIT

KUWAIT CITY Directorate General of Civil Aviation

MACAU, CHINA

MACAU CAM-Macau International Airport Co. Ltd.

MALAYSIA

KUALA LUMPUR Malaysia Airports Holdings Berhad

MALDIVES

MALE Maldives Airports Company Limited

MARSHALL ISLANDS

MAJURO RMI Ports Authority

MICRONESIA (FEDERATED STATES)

POHNPEI Pohnpei Port Authority

MONGOLIA

ULAANBAATAR Civil Aviation Authority of Mongolia

MYANMAR

MANDALAY MC-Jalux Airport Services Co. Ltd
NAYPYITAW Pioneer Aerodrome Services Company Limited
YANGON Yangon Aerodrome Company Limited

NEPAL

KATHMANDU Tribhuvan International Airport Civil Aviation Office

NEW CALEDONIA

NOUMEA Chambre de Commerce et d'Industrie

NEW ZEALAND

AUCKLAND Auckland International Airport Ltd
CHRISTCHURCH Christchurch International Airport Ltd
DUNEDIN Dunedin International Airport Ltd
WELLINGTON Wellington International Airport Ltd

NORTHERN MARIANAS

SAIPAN Commonwealth Ports Authority

OMAN

MUSCAT Oman Airports Management Company

PAKISTAN

KARACHI Pakistan Civil Aviation Authority

PAPUA NEW GUINEA

PORT MORESBY National Airports Corporation (NAC) - PNG

PHILIPPINES

CATICLAN TransAire Development Holdings Corp
CLARK Clark International Airport Corporation
MANILA Manila International Airport Authority

QATAR

DOHA Hamad International Airport

SAMOA

APIA Samoa Airport Authority

SAUDI ARABIA

JEDDAH General Authority of Civil Aviation
MEDINA Tibah Airports Operation Co. Ltd.

SINGAPORE

SINGAPORE Changi Airport Group (Singapore) Pte Limited

SRI LANKA

COLOMBO Airport and Aviation Services (Sri Lanka) Ltd

THAILAND

BANGKOK Airports of Thailand Public Company Limited

TONGA

NUKU'ALOFA Tonga Airports Limited

UNITED ARAB EMIRATES

ABU DHABI Abu Dhabi Airports Company
DUBAI Dubai Airports
FUJAIRAH Department of Civil Aviation
SHARJAH Sharjah Airport Authority

USA

AGANA A.B. Won Pat International Airport, Guam
HONOLULU, HI Hawaii Department of Transportation

VANUATU

PORT VILA Airports Vanuatu Ltd

VIETNAM

HOCHIMINH CITY Airports Corporation of Vietnam



ACI Asia-Pacific Airport Members:

104 Members in 47 Countries/Territories Operating 573 Airports

ACI ASIA-PACIFIC REGIONAL BOARD

EXECUTIVE COMMITTEE



President
Kerrie MATHER
Managing Director &
Chief Executive Officer
Sydney Airport, Australia



First Vice President
Seow Hiang LEE
Chief Executive Officer
Changi Airport Group (Singapore) Pte Ltd,
Singapore



Second Vice President
Fred LAM
Chief Executive Officer
Airport Authority Hong Kong,
Hong Kong



Second Vice President
PS NAIR
CEO - Airports
Delhi International Airport Limited, India



Secretary Treasurer
Emmanuel MENANTEAU
Co-CEO
Kansai Airports, Japan



Immediate Past President
Tan Sri Bashir Ahmad ABDUL MAJID
Advisor
GMR Airports, India



Director
Sulaiman Zainul ABIDIN
Chief Operating Officer
Yangon Aerodrome
Company Limited,
Myanmar



Director
**Sheikh Aimen bin
Ahmed AL HOSNI**
Chief Executive Officer
Oman Airports
Management Company,
Oman



Director
**Turki Abdullah
ALJAWINI**
Director General of
King Fahd
International Airport
General Authority of Civil
Aviation, Saudi Arabia



Director
Ali Salim AL MIDFA
Chairman
Sharjah Airport Authority,
U.A.E.



Director
**Gholam Hossain
BAGHERIAN**
Member of Board and
Vice President of IAC
Iran Airports & Air
Navigation Company, Iran



Director
Kjeld BINGER
Chief Executive Officer
Airport International
Group, Jordan



Director
Il-Young CHUNG
President & CEO
Incheon International
Airport Corporation, Korea



Director
Eric DELOBEL
CEO
Cambodia Airports,
Cambodia



Director
**Datuk Badlisham Bin
GHAZALI**
Managing Director
Malaysia Airports
Holdings Berhad,
Malaysia



Director
Xue Song LIU
Chairman
Beijing Capital
International Airport
Co Ltd., China



Director
Pedro Roy MARTINEZ
Deputy Executive
Manager
A.B. Won Pat Int'l Airport
Authority, Guam



Director
A.C. K. NAIR
Airport Director
Cochin International
Airport Limited, India



Director
Futoshi OSADA
Senior Executive
Vice President
Narita International
Airport Corporation,
Japan



Director
Il-Hwan SUNG
President & CEO
Korea Airports
Corporation, Korea



Director
**Sasisubha
SUKONTASAP**
Senior Executive
Vice President
(Cooperate Strategy)
Airports of Thailand Public
Co., Ltd, Thailand



Director
Dar-jen TSENG
Chairman
Taoyuan International
Airport Corporation Ltd.,
Chinese Taipei



Director
Jianrong WU
Chairman of the Board
Shanghai Airport
Authority, China



Director (WBP)
Greg FORDHAM
Managing Director
Airbiz Aviation Strategies
Pty Ltd, Australia



Special Advisor
**Badr Mohammed
AL-MEER**
Chief Operating Officer
Hamad International
Airport, Qatar



Special Advisor
**Guruprasad
MOHAPATRA**
Chairman
Airports Authority of India,
India



Spring Regional Board Meeting, Doha



ACI ASIA-PACIFIC ACTIVITIES HIGHLIGHTS

Events and meetings ACI Asia-Pacific organized or participated in throughout the year.



FEBRUARY

- MOU with China Civil Airports Association (CCAA)

MARCH

- ACI World Environment Standing Committee meeting
- Suspicious Activity Program Development Workshop
- ACI 9th Annual Airport Economics & Finance Conference and Exhibition
- Spoke at CCAA 2nd China Airport Service Conference
- ICAO Committee on Aviation Environmental Protection Working Group 2 meeting



ACI 9th Annual Airport Economics & Finance Conference and Exhibition, London



ASQ Forum 2017, Haikou



MAY

- Spoke at 2017 China Civil Aviation Development Forum

JUNE

- Spoke at Taoyuan Airport Forum 2017
- ACI World Expert Group on Slots (EGS) meeting
- Meeting with Malaysian Aviation Commission
- ACI-DNA Seminar: ACI/ICAO Aerodrome Certification



APRIL

- 8th ACI Asia-Pacific Regional Environment Committee meeting
- 19th ACI Asia-Pacific Regional Operational Safety Committee meeting
- 5th ACI Asia-Pacific Regional Economics Committee meeting
- ACI Asia-Pacific Regional Airport Information Technology Liaison Group meeting
- 12th ACI Asia-Pacific Regional Assembly, Conference & Exhibition
- 20th ACI Asia-Pacific Regional Aviation Security Committee meeting
- ASQ Forum 2017
- ACI-DNA Seminar: Airport Air Service Development



12th ACI Asia-Pacific Regional Assembly, Conference & Exhibition



JULY

- ICAO Traveller Identification Programme Regional Seminar
- APEX in Safety review, Surabaya, Indonesia
- ICAO 5th Regional Aviation Security Coordination Forum



OCTOBER

- ICAO Regional Aviation Training and Trainair Plus Symposium
- 4th Directors General of Civil Aviation Conference, Middle East Region
- APEX in Safety review, Sanya, China
- ACI-DNA Seminar: Airport User Charges
- 23rd ACI Airport Community Recommended Information Services work group meeting

AUGUST

- Reducing Opportunities for Unlawful Transport of Endangered Species (ROUTES) round table meeting
- 54th Conference of Directors General of Civil Aviation, Asia and Pacific Region
- APEX in Security review, Surabaya & Makassar, Indonesia
- 8th ACI Asia-Pacific Regional HR Committee meeting



Airport Exchange 2017, Muscat

NOVEMBER

- 6th ACI Asia-Pacific Regional Economics Committee meeting
- The Trinity Forum 2017
- 20th ACI Asia-Pacific Regional Operational Safety Committee meeting
- 21st ACI Asia-Pacific Regional Aviation Security Committee meeting
- 2017 World Business Partners Tour
- Spoke at Busan Airport Forum 2017



DECEMBER

- Airport Exchange 2017
- ICAO Regional Conference on Global Aviation Security Plan



SEPTEMBER

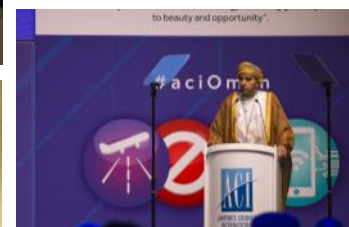
- Meetings with Civil Aviation Administration of China (CAAC) - Airport Networks & Airport Slots
- Meetings with Ministry of Civil Aviation of India - Airport Networks & Privatization
- ICAO Global Aviation Security Symposium (AVSEC 2017)
- APEX in Safety review, Makassar, Indonesia



AVSEC 2017, Montreal



Fall Regional Board Meeting, Mauritius



The Trinity Forum 2017, Bangkok



ENGAGEMENT WITH ICAO

ACI Asia-Pacific, on behalf of its members, actively participates in ICAO regional meetings and is represented in a number of groups concerning safety, security and aerodrome operations in ICAO Asia-Pacific and ICAO Middle East.

54th Conference of Directors General of Civil Aviation (DGCA), Asia and Pacific Region

ACI attended the 54th Conference of DGCA, Asia and Pacific Region held in Ulaanbaatar, Mongolia in August.

The theme of this year's conference was "outcome-focused and risk-based" regulation, echoing a worldwide trend to move away from overly prescriptive regulations, especially in the area of safety and security.

ACI World Director General was invited to join a Panel discussion moderated by ICAO Secretary General Dr. Fang Liu among other distinguished industry leaders. These included Dr. Olumuyiwa Benard Aliu, President of the ICAO Council; Mr. Michael P. Huerta, Administrator of Federal Aviation Administration; Mr. Bambang Susantono, Vice President (Knowledge Management and Sustainable Development), Asian Development Bank; and Ms. Aireen Omar, CEO, Air Asia.

ACI shared on the topic "Asia Pacific at the cross roads: Breaking Barriers and Navigating the Future" and highlighted the challenges to airports on capacity constraint and the notion of Airport Networks.

The DGCA conference is the annual summit of civil aviation regulators of the 38 States of the Asia-Pacific Region and ACI attended to represent airports' interests together with other industry partners. The summit discussed the five ICAO strategic objectives: safety, security & facilitation, navigation capacity efficiency, environmental protection and air transport economics.

ACI Asia-Pacific was invited to make two presentations on "Smart Security: An IATA and

ACI initiative to enhance security, facilitation and operational efficiency" and "ACI's Capacity Building Efforts in Security" during the conference.

ACI Asia-Pacific Presented at the ICAO Traveller Identification Programme Regional Seminar (TRIP)

The ICAO TRIP Regional Seminar, jointly organised by ICAO and the Hong Kong Civil Aviation Department, was held in July in Hong Kong.

The seminar addressed the five elements of the ICAO TRIP Strategy, including: machine readable travel document (MRTD) standards; specifications and best practices; secure travel document issuance; robust evidence of identity processes; and information sharing technologies highly relevant to the execution of the United Nations Security Council Resolutions 2178 (2014) and 2309 (2016) on combatting foreign terrorist fighters, with a special focus on effective border control management.

ACI Asia-Pacific, together with other industry organisations including Pacific Asia Travel Association and Association of Asia Pacific Airlines were invited to speak at the opening ceremony and shared their respective views on the subject.

ACI stated that passenger processes would need to change dramatically in the near future to cope with projected air traffic growth. Governments, airports, airlines and their contractors and suppliers will increasingly be challenged to optimize the use of emerging technologies, processes and design developments—not least through enhanced traveller identification capabilities, in particular the adoption of automated border controls as called for in the ICAO TRIP Strategy, to facilitate the movement of passengers through the airport terminal. In this regard, ACI applauded ICAO for taking leadership in establishing standards in electronic passports, and on this basis, developing a strategy to help

State authorities authenticate travel documents in a world that is increasingly threatened by terrorist attacks.

Aviation Security and Facilitation at ICAO Asia-Pacific and Middle East

The ICAO Regional Aviation Security Coordination Forum has been the main venue of engaging with aviation security regulators in Asia-Pacific for ACI since its creation in 2013.

ACI has submitted papers on its security programmes such as APEX and Smart Security, and its quest for One-Stop Security and harmonization of security measures in a region with a multitude of regulations. In July, ACI submitted a paper on the impact of the ban on personal electronic devices on airport operations and commercial activities which was presented to the forum. Regulators and industry associations in general welcome the ACI paper because they saw the ban as an inconvenience more than a security enhancement.

Participation in ICAO Working Group 2 – Committee on Aviation Environmental Protection (CAEP WG2)

ACI provided inputs in the ECO-AIRPORT toolkit e-publication under the CAEP WG2, a ready-to-use information document to support planning of airports environmentally, which would be made available through ICAO free of charge.

The first publication: "Renewable Energy at the airport" was completed with six case studies submitted by ACI Asia-Pacific and mainly contributed through the Green Airports Recognition 2017 – Energy Management. The Regional Office will continue to work with this group closely for the third publication on "Waste Management at Airports", in line with the submission for Green Airports Recognition 2018 – Waste Minimization.



BUILDING CONNECTIONS & MEMBER ENGAGEMENT

Provided Support to the Australian Government in organising Suspicious Activity Program (SAP) Development Workshop

Invited by the Office of Transport Security of Australia, the ACI Asia-Pacific Regional Office provided support in organising a "Suspicious Activity Program (SAP) Development Workshop" which was held from 28-31 March in Phuket, Thailand. The aim of the workshop was to provide guidance and insights for Phuket International Airport to develop its own SAP and improve its airport security.

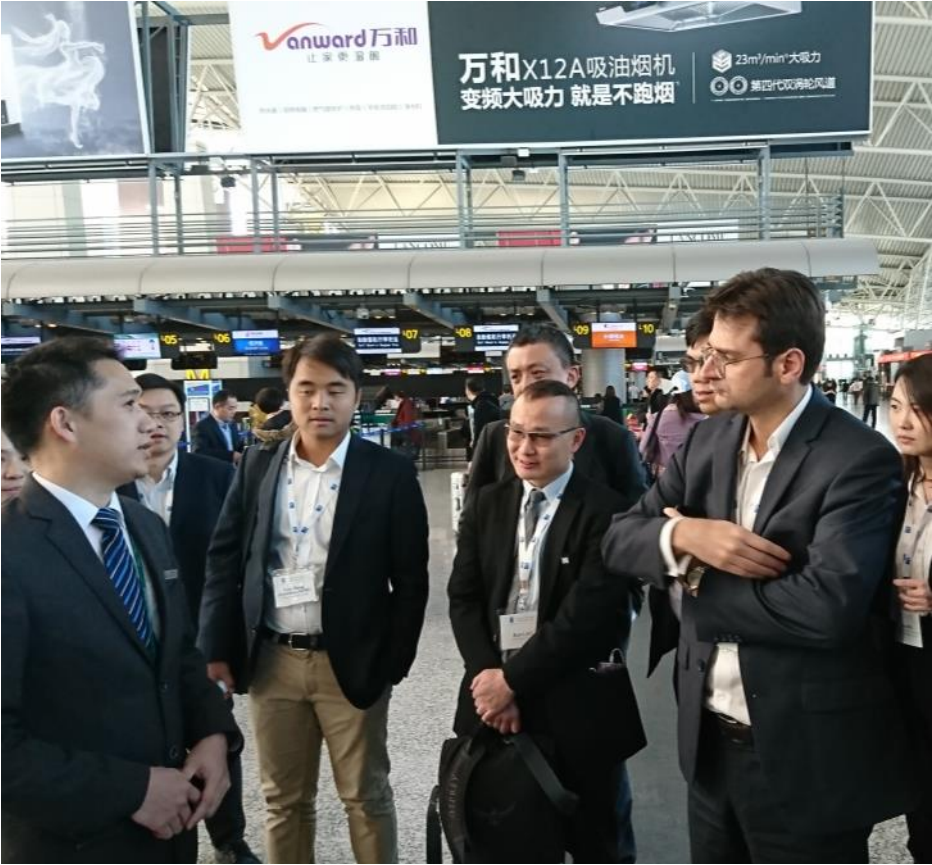
Presented at the 2017 China Civil Aviation Development Forum (CCADF) organised by the Civil Aviation Administration of China (CAAC)

The ACI Asia-Pacific Regional Director presented at the 2017 CCADF which was organised by the CAAC in May in Beijing, China.

ACI Asia-Pacific had the opportunity to advocate the ACI position on the subject "The Economics and Benefits of Airport Networks" to the audience representing regulators and airport managements in China.

Presented at China Civil Airports Association (CCAA) 2nd China Airport Service Conference

The ACI Asia-Pacific Deputy Regional Director was invited to present Opening Remarks at the 2nd China Airport Service Conference organised by CCAA in March in Guangzhou, China. The Regional Office took the opportunity to share with airports in China the best practices on quality airport services.



Presented at Taoyuan Airport Forum

To promote the various ACI programmes and services, the ACI Asia-Pacific Regional Director spoke at the Taoyuan Airport Forum held in Chinese Taipei in June and highlighted the global airport development.

Met with Representatives from Ministry of Land, Infrastructure, Transport and Tourism, Japan

In June, the ACI Asia-Pacific Regional Director met with the Ministry of Land, Infrastructure, Transport and Tourism, Japan to discuss future airport privatization in Japan. While she was in Kansai, she moderated an airport privatization panel at a key industry event hosted by Kansai Airports.

2017 World Business Partners (WBP) Tour

The 2017 WBP Tour was held in November, visiting Hong Kong, Shenzhen and Guangzhou international airports. The tour provided unique opportunities for the WBP and airports to explore synergies across these fastest growing airports in South China.

Presented at Airport Forum 2017

In November, Korea Airports Corporation invited the ACI Asia-Pacific Regional Director to deliver a keynote address at the Airport Forum 2017 in Busan, Korea. She shared the ACI findings on the global traffic forecast and also provided updates on the ACI programmes and initiatives.



12TH ACI ASIA-PACIFIC REGIONAL ASSEMBLY, CONFERENCE AND EXHIBITION

Hosted by Hamad International Airport, the 12th ACI Asia-Pacific Regional Assembly, Conference & Exhibition was held from 10-12 April 2017. The event concluded with another year of great attendance, with over 400 delegates representing 175 organisations from 54 countries.

During the three-day conference, leading airport operators and aviation experts discussed some of the most critical issues, opportunities and challenges facing the aviation industry today, as well as sharing strategies for success. The event had also attracted a significant number of service providers exhibiting their innovative products and award-winning services.

A Leaders' Forum was held on 11 April where airport chiefs from some of the world's busiest and largest airports including Doha, Sydney, London City, Quito, Toronto and Hong Kong, discussed "What Defines a Best Airport".

Mohamed Khalifa Rahma, Regional Director of ICAO Middle East Office, delivered a special address on "Air Transport Outlook in the Middle East" with reference to the latest initiatives at ICAO Middle East.

The conference also featured a discussion session - *Aviation Talks*; a half day event dedicated to the Middle Eastern airports. Participants were engaged in thought-provoking discussions on how airports in the region plan for future growth.



12TH ACI ASIA-PACIFIC REGIONAL ASSEMBLY RESOLUTIONS

Two resolutions were adopted unanimously by ACI Asia-Pacific members at the 12th ACI Asia-Pacific Regional Assembly held on 11 April in Doha, Qatar.

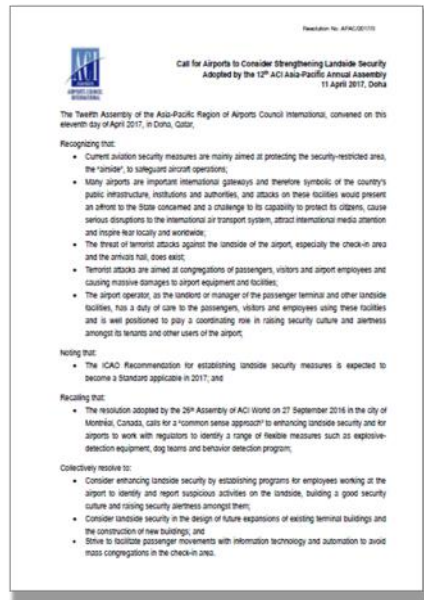
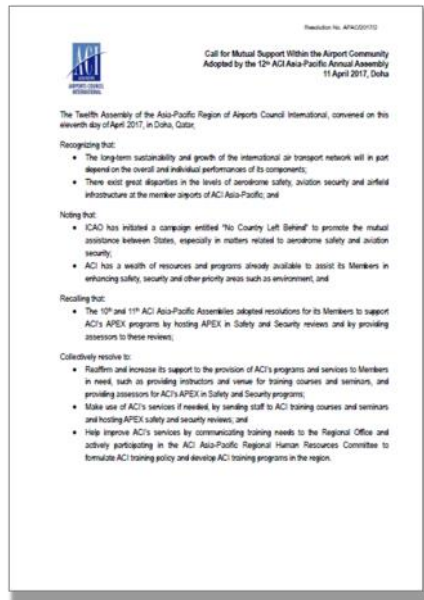
1 Call for mutual support within airport community

The first resolution was aimed as a positive response to ICAO's "No Country Left Behind" campaign, an initiative to promote mutual assistance between States and partly as a renewed call for ACI Asia-Pacific Members' support for the APEX in Safety and Security programs and other ACI services.

ACI strongly encouraged its members to make use of ACI training courses, seminars and services to work together towards long-term sustainability and growth of the air transport industry.

2 Call for airports to consider strengthening landside security

The second resolution served as an encouragement from ACI to our members to strengthen security, through practical and common-sense approach, in light of the terrorist attacks on the landside of Brussels and Istanbul airports in 2016.



ACI'S PRIORITY AREAS: PROGRESS IN 2017





AVIATION SECURITY

The Regional Aviation Security Committee – Chaired by Vince Scanlon, Adelaide Airport Limited

During the year, the Committee focused on the development of the ICAO Global Aviation Security Plan (GASeP). The plan helps enhance global aviation security through setting strategic goals and targets in five priority areas for different stakeholders: risk awareness response, security culture, technology and innovation, oversight and quality assurance and cooperation between states.

In March, the UK and USA governments announced a ban on the carriage of personal electronic devices, which has disrupted the airport operations and affected some of the Middle Eastern airports. The ACI World Governing Board responded to the regulation and called for alternative solutions. The Regional Office had also kept members informed about the ACI position on the matter while the Committee brought to the attention of the regulators the impact of the ban and will continue to review the development.

With the rapidly growing threats of cyber-attacks, the Committee had also agreed the drafting of guidance materials on cybersecurity and insider threat for the airport community.

The Committee had also supported the Regional Office in the submission of a paper to advocate One Stop Security at an ICAO Middle East security and facilitation meeting in May.



APEX in Security

The APEX in Security Programme was officially launched at the 2017 ACI World Annual General Assembly. The programme was developed based on ICAO standards and guidance, as well as ACI best practices. It combines the mandate for regulatory compliance with the actual day-to-day operational needs of airports to maximize operational efficiency while enhancing security effectiveness.

In August, two pilot security reviews were conducted in Surabaya and Makassar, Indonesia.



A number of significant economic policy matters gained traction in 2017 and the Regional Office played an active role in making progress on various fronts:

Airport Networks and Sustainability of Small Airports

The ACI position gained support at ICAO Airport Economics Panel (AEP). To counter strong opposition by a number of States that advocated against cross-subsidization among airports within a national airport network, ACI at the AEP meeting in May 2017 actively advocated that States and airport operators should have the freedom and flexibility to decide whether or not to apply cross-subsidization according to local circumstances.

The ACI position was supported by a large majority of States at the AEP. The Regional Office and a number of members in the region such as India, China and Malaysia were instrumental in achieving this result.

In October 2017, ACI released its Policy Brief on “Airport networks and sustainability of small airports”, providing further evidence to support the ACI position.

ACI continued to outreach and solicit support from members. As the potential impact of this issue is widespread, the Regional Office continued to actively engage with members and stakeholders to maintain focus on this effort. In 2017, the Regional Office met with civil aviation authorities in China, India, Malaysia and Thailand on this issue and

also took the opportunity to speak on the topic of “The Economics and Benefits of Airport Networks” at the China Civil Aviation Development Forum in May 2017. In September 2017, ACI moderated a panel at the Beijing Global Friend Airports CEO Forum on “Enhancing the Competitiveness of Global Airport Groups Through Innovative Cooperation”.

Slot Allocation

The strategic review of the IATA Worldwide Slot Guidelines (WSG) commenced. After a successful advocacy campaign at the ICAO Assembly in September 2016 for stronger airport representation in slot making policy, ACI is now fully engaged to work closely with airlines and the airport coordinators to undertake a strategic review of the IATA WSG to ensure all stakeholders benefit from an equitable global process. The Regional Office commenced its participation in the ACI Expert Group on Slots (EGS) in June 2017 and will increase participation in working group and task forces in 2018.

Engagement commenced in China. To provide regional support on slots issues, the Regional Office worked with ACI World to provide comments to the CAAC on its new regulation on slot allocation in July 2017 and followed up with a meeting with the relevant officials in Beijing in September 2017. During the same trip, the Regional Office also attended a Slot Allocation Workshop to further engage with CAAC and other relevant stakeholders.



Economic Regulation/ Airport Charges

India - Regulator adopted Hybrid Till:
Throughout 2016, ACI engaged in a series of advocacy efforts in India adopting a multi-pronged approach. In January 2017, the Airport Economic Regulatory Authority of India (AERA) released an Order that includes the adoption of Hybrid Till for airport charges going forward (30% of non-aeronautical revenue will be used to cross-subsidize aeronautical charges). This is a positive development in India and provided much-needed regulatory certainty in the market.

Malaysia - Engagement with Regulator:
In 2017, ACI began our engagement with the new regulator Malaysia Aviation Commission (MAVCOM). The Regional Office, together with ACI World, met with MAVCOM officials in June 2017 to discuss various airport economic issues. In August 2017, ACI provided comments to MAVCOM on its proposed regulatory approach to Quality of Service at Malaysia Airports. ACI's engagement with MAVCOM is expected to step up in 2018 as MAVCOM unfolds its plan to develop a comprehensive economic regulatory framework for airports.

Privatization

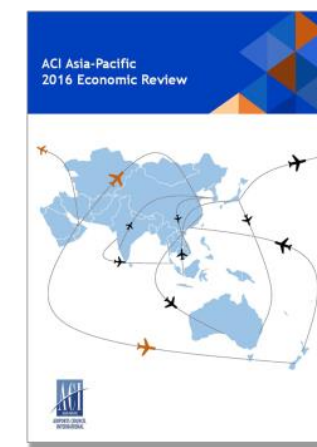
ACI is working to ensure economic incentives for private investments. ACI released its Policy Brief on “Airport ownership, economic regulation and financial performance” in March 2017, emphasizing the need for flexibility and consistency in regulatory frameworks that govern airport revenues and capital investments, and providing practical policy recommendations to ensure that investment is attracted to the industry.

There was engagement with policy makers in India and Japan. The Regional Office moderated a panel discussion focusing on airport privatization in

Japan in an event held in Osaka in June 2017 and met with the Ministry of Land Infrastructure, Transport and Tourism (MLITT) to discuss future airport privatization in Japan. In September 2017, the Regional Office together with ACI World met with the Ministry of Civil Aviation in India to discuss challenges faced by privatized airports in India and elements to consider in attracting private investors. In 2018, the Regional Office will collaborate with ACI World in developing a second Policy Brief on privatization processes.

Throughout the year, the Regional Office continued to lay ground work and strengthen our research and analytical capabilities in Airport Economics. A key project was the development and release of the **ACI Asia-Pacific 2016 Economic Review** in July 2017, with guidance from the **ACI Asia-Pacific Regional Economics Committee — Chaired by Jeffrey Loke, Changi Airport Group.**

The annual review aimed to draw high-level insights from the ACI annual economic survey from the regional perspective, and to provide pointers in specific areas for further studies. The current year's review includes a new section on trends in Low Cost Carriers (LCCs) and features an article contributed by Japan's MLITT on the growth of LCCs in Japan.



The Regional Office continued to utilize the annual Economics and Finance Conference, the Investing in Airports Seminar and other ACI Asia-Pacific conferences as a tool to reach out and engage with various regulators/ policy makers in our region on relevant topics in Airport Economics.



ENVIRONMENT

ACI Asia-Pacific Regional Environment Committee – Chaired by Jakrapop Charatsri, Airports of Thailand

In the 8th meeting in Doha, the Committee agreed on the formation of the following three working groups: Strategic Plan, Climate Change Adaptation and Aircraft Noise Management.

The Regional Office has been conducting an Environmental Survey since 2014 with the objective of developing a database of ongoing environmental and sustainability initiatives and policies among airports in the Asia-Pacific region. This year, the survey returned very positive responses and represented about 30% of airport traffic in the Asia-Pacific.



Green Airports Recognition 2017

The Green Airports Recognition's objective is to promote environmental best practices to minimize aviation's impact on the environment and to recognize ACI Asia-Pacific airport members who have outstanding accomplishments in their environmental projects. Understanding that different airports have different environmental priorities, a specific environmental aspect will be chosen each year as the recognition theme. The 2017 theme was Energy Management.

A total of 16 submissions were received this year and the following airports were recognised:

Airports with 25 million passengers per annum and above:

Platinum
Kuala Lumpur International Airport



Gold
Indira Gandhi International Airport



Silver
Hong Kong International Airport



Airports with less than 25 million passengers per annum:

Platinum
Darwin International Airport



Gold
Adelaide Airport



Silver
Queen Alia International Airport





SAFETY

ACI Asia-Pacific Regional Operational Safety Committee – Chaired by Cheng Ling Perng, Malaysia Airports Holdings Berhad

The Committee agreed to support the Regional Office to publish the “Safety Promotion Handbook” and to draft the guidelines on “Accident Investigation and Root Cause Analysis”.

The Committee commenced the Safety Data Sharing Programme within the committee and wished to expand the programme to the whole Asia-Pacific region and eventually to all ACI regions.



APEX in Safety

The Airport Excellence in Safety (APEX in Safety) programme deploys the community of airports in conducting peer reviews of airport compliance with ICAO Annexes 14 and 19, national regulations and ACI best practices, enlisting safety expert volunteers from airports and regulators. With over 70 missions completed worldwide, APEX now has the capacity to provide reliable data to ACI’s safety team in order to identify the areas in need of improvement in each region.

In 2017, three APEX in Safety reviews in Asia-Pacific have been completed:

- Surabaya, Indonesia, 24-28 July
- Makassar, Indonesia, 11-15 September
- Sanya, China, 23-27 October



TRAINING & DEVELOPMENT



ACI Asia-Pacific Regional HR Committee – Chaired by Justina Tan, Changi Airport

The Committee met in Incheon, Korea in August for the Regional HR Committee and Study Tour. The meeting was well attended with representatives from 12 airport members from Asia-Pacific and other ACI regions. Senior executives of the three leading aviation academies in the region were also invited to share their experiences relating to talent management. The meeting adopted a new format and combined three elements: the HR Committee Meeting, workshops and presentations and a visit to the host airport, which proved to be well received by the members.

Developing Nations Airport Assistance (DNA) Programme

To provide assistance to member airports in developing countries and in support of the ICAO

“No Country Left Behind” campaign, three DNA seminars were held in the Asia-Pacific region in 2017.

The first DNA seminar was held successfully in Doha, Qatar in April in conjunction with the 2017 Asia-Pacific Regional Assembly, Conference & Exhibition. The seminar on “Airport Air Services Development” discussed issues such as business relations with airlines, marketing strategies for airlines and non-aeronautical revenues and financial incentives for route development.

Another DNA Seminar, jointly organised with ICAO, on “Aerodrome Certification” was held in June in Sydney, Australia, hosted by Sydney Airport. The primary purpose of the seminar was to discuss all aspects of achieving and maintaining Aerodrome Certification with emphasis on understanding ICAO Annex 14 certification requirements and the additional information

provided in other ICAO guidance documents. The course also included a mock airside audit of Sydney Airport’s facilities.

The third DNA seminar was delivered in Bangkok, Thailand in October on “Airport User Charges”. With the support of the host, Airports of Thailand Public Company Limited (AOT), it was held on 30-31 October. During the two-day seminar, participants discussed topics including ICAO’s policies on airport charges, the determinants and structure of costs, privatization models and techniques of conducting consultations.

Capacity Building

Within the context of ACI’s objective of supporting member airports in developing nations, ACI Asia-Pacific successfully organised, for the first time, two courses in Iran under the capacity building umbrella, held on 9-12 October, in Mashhad, Iran. Directors and general managers from 50 airports of the Iran Airport Company (IAC) attended the 2 courses, which focused on “Key Principles of Air Service Development” and “Airport Business Models”. As IAC is in the process of developing its airports, there was a lot of interest on understanding the key concepts of how modern

airports operate, as well as how to attract business partners and airlines.

ACI Asia-Pacific Financial Assistance for Training Updates

Three airport members — Bhutan, Cambodia and Fiji — benefited from the Financial Assistance for training and airport study tours.

Young Executive Award

Surabhi Rana of Mumbai International Airport Pvt. Ltd was named as the ACI Asia-Pacific Young Executive of the Year 2017 for her submission on *Challenges and Opportunities for Small and Emerging Airports in the 21st Century*.



AIRPORT CARBON ACCREDITATION

— Accredited Airports in ACI Asia-Pacific Region



Level 3+, Neutrality:

- Chhatrapati Shivaji International Airport, India
- Indira Gandhi International Airport, India
- Kempegowda International Airport, India
- Rajiv Gandhi International Airport, India
- Sunshine Coast Airport, Australia



Level 3, Optimization:

- Adelaide Airport, Australia
- Brisbane International Airport, Australia
- Chiang Mai International Airport, Thailand
- Don Mueang International Airport, Thailand
- Gimpo International Airport, Republic of Korea
- Hamad International Airport, Qatar
- Hat Yai International Airport, Thailand
- Hong Kong International Airport, Hong Kong
- Incheon Airport, Republic of Korea
- Mae Fah Luang Chiang Rai International Airport, Thailand
- Parafield Airport, Australia
- Queen Alia International Airport, Jordan
- Suvarnabumi Airport, Thailand
- Sydney Airport, Australia



Level 2, Reduction:

- Beijing Capital International Airport, China
- Dubai International, United Arab Emirates
- Dubai World Central, United Arab Emirates
- Kansai International Airport, Japan
- Kuala Lumpur International Airport, Malaysia
- Macau International Airport, Macau
- Muscat International Airport, Oman
- Osaka International Airport, Japan
- Sharjah International Airport, United Arab Emirates
- Taoyuan International Airport, Chinese Taipei
- Townsville Airport, Australia



Level 1, Mapping:

- Abu Dhabi International Airport, United Arab Emirates
- Gold Coast Airport, Australia
- Hobart International Airport, Australia
- Nadi International Airport, Fiji
- Perth Airport, Australia
- Phnom Penh International Airport, Cambodia
- Salalah Airport, Oman
- Siem Reap International Airport, Cambodia
- Sihanoukville International Airport, Cambodia



AIRPORT SERVICE QUALITY



Congratulations to all top-performing airports in the Airport Service Quality (ASQ) Awards 2016!

The ASQ Awards has always been a prestigious industry award recognising the excellent customer service level demonstrated at airports worldwide. The 2016 awards presentation ceremony was held in Mauritius during the Gala Dinner of the 27th ACI Africa/World Annual General Assembly Conference & Exhibition .

Halifax Stanfield International Airport was selected to be the host for the inaugural ASQ Forum and Customer Excellence Global Summit, to be held in Halifax, Canada from 9-13 September 2018.



PUBLICATIONS

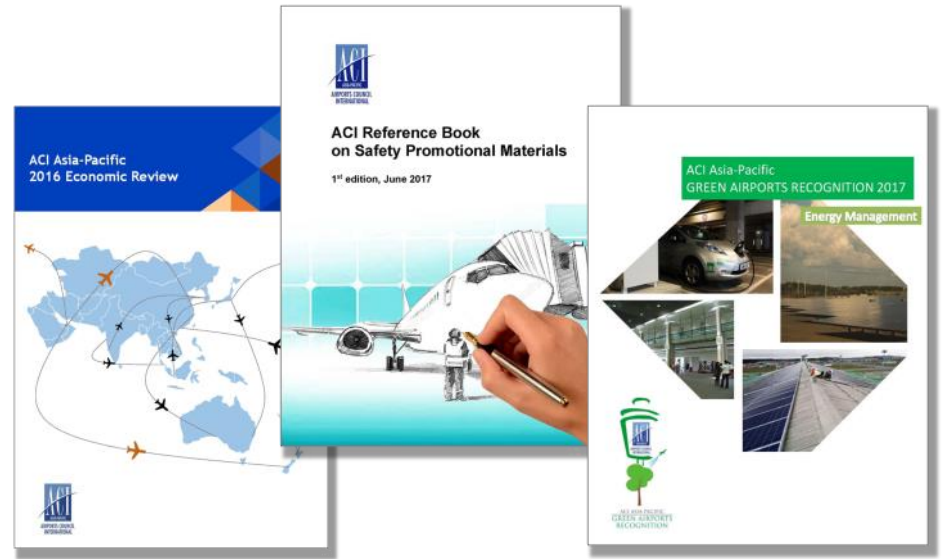
ASIA-PACIFIC AIRPORTS MAGAZINE

“Asia-Pacific Airports” is the official magazine of ACI Asia-Pacific region, first published in 2007. Four issues were published in 2017.



OTHER PUBLICATIONS

- ACI Asia-Pacific 2016 Economic Review
- ACI Reference Book on Safety Promotional Materials (1st edition, June 2017)
- ACI Asia-Pacific Green Airports Recognition 2017 — Energy Management





ACI ASIA-PACIFIC

ACI Asia-Pacific, one of the five regions of the Airports Council International (ACI), is based in Hong Kong and represents over 104 members operating 573 airports in 47 countries in Asia-Pacific and the Middle-East.

As the only global trade association of the world's airports, ACI represents airports' interests with governments and international organisations, develops standards, policies and recommended practices for airports, and provides information and training opportunities to raise standards around the world. In 2016, ACI Asia-Pacific airports have handled 3.1 billion passengers and 52.5 million tonnes of cargo.

www.aci-asiapac.aero

Unit 13, 2/F, Airport World Trade Centre
1 Sky Plaza Road, Hong Kong International Airport,
Hong Kong
Tel: +852 2180 9449
Email: info@aci-asiapac.aero

Copyright © 2017 Airports Council International (ACI) Asia-Pacific,
All rights reserved.