



HELD IN CONJUNCTION WITH



**Indonesia Infrastructure Week 2016**  
bringing together Indonesia's Infrastructure markets  
9-11 NOVEMBER 2016 | JAKARTA CONVENTION CENTER

AS PER 01 NOVEMBER 2016



# AIRPORT SOLUTIONS INDONESIA 2016

9<sup>th</sup>-11<sup>th</sup> NOV 2016 | JAKARTA CONVENTION CENTER

## OPTIMISING SAFETY AND SECURITY WHILE ENHANCING THE PASSENGER EXPERIENCE

HELD IN CONJUNCTION WITH

# ASEAN G2B INFRASTRUCTURE INVESTMENT FORUM

8<sup>th</sup> NOVEMBER 2016 | SHANGRI-LA HOTEL, JAKARTA

IIW OFFICIAL SMART INFRASTRUCTURE PARTNER



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## Airport Solutions Indonesia Conference

This year's conference will examine opportunities presented to the airports and aviation sector by the building of new airports and the renewal of existing ones, throughout Indonesia. In order to meet the challenge of growing air passenger demand the Government is launching a significant programme of airport expansion and construction, including brand new terminals, upgraded runways and increased support services to enhance airport infrastructure.

The core focus of this conference will be to examine how both airports and the aviation sector are kept safe and secure, whilst at the same time enhancing the passenger airport experience. The event will address the planned growth and future expansion of airport infrastructure and operations in Indonesia. It is an ideal platform for sharing the latest ideas, reviewing technologies and learning about emerging trends in the airports and aviation sectors.

## INDONESIA INFRASTRUCTURE WEEK 2016

In 2015, IIW - Indonesia Infrastructure Week – brought together under one roof more than 13,500 leading infrastructure stakeholders, including 288 exhibiting companies and 969 conference delegates, to discuss, plan and deliver against the Indonesian national infrastructure agenda.

With over US \$450bn earmarked by the government for infrastructure development over the next 5 years, the Indonesian market offers a rich pool of opportunity for infrastructure players to access major development projects, as the country accelerates its plans for delivering on national infrastructure from roads to rail and ports to airports as well as energy, water and industrial zones.

The five separate exhibitions at IIW focus on airports, communications, infrastructure, heavy construction and commercial & residential building, each with its own individual conference stream focusing on major topics relevant to the sector. These two-day senior level business conferences will gather key industry professionals, government policy makers, investors, lawyers, consultants, and key stakeholders to discuss the very latest opportunities and challenges for their industry.

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## OFFICIAL OPENING CEREMONY

### Wednesday, 9th November 2016

- 09.10–09.20 **Rosan P. Roeslani**, Chairman Indonesian Chamber of Commerce and Industry  
09.20–09.30 **Thomas Lembong**, Chairman Investment Coordinating Board RI  
09.30–09.40 **Rudiantara**, Minister of Communication and Informatics RI  
09.40–09.50 **Basuki Hadimuljono**, Minister of Public Works and Housing RI  
09.50–10.00 **Bambang Brodjonegoro**, Minister of National Development Planning/Bappenas RI  
10.00–10.20 **HE. H. Ir. Joko Widodo**, President Republic of Indonesia\*  
10.10–11.00 **VIP Exhibition Walkthrough**

## PROGRAMME AT A GLANCE

### Day 1 - Wednesday, 9 November 2016

- 13.00 Plenary – Session 1 **ASEAN Economic Keynotes:**  
**Single aviation market – what progress has been made to date and what can we expect from a newly liberalised aviation sector?**
- 15.00 Coffee Break
- 15.30 Plenary – Session 2 **Planning effectively for anticipated major growth in passengers, freight and air traffic across Indonesia**
- 16.30 Plenary – Session 3 **Examining airport investment and funding models – financing the roll out and development of Indonesia’s airport expansion programme**
- 17.30 End of Day 1

### Day 2 - Thursday, 10 November 2016

- 09.30 Plenary – Session 4 **Meeting the challenge of constructing a new airport network across Indonesia: Key objectives for improving the Indonesian airport sector**
- 11.00 Coffee Break
- 11.30 Plenary – Session 5 **Achieving sustainability in airport design, construction, management and operations**
- 13.00 Lunch Break
- 14.00 Plenary – Session 6 **Meeting required international standards for airport safety and security – optimising technology in the advancement of airport security**
- 15.30 Coffee Break
- 16.00 Plenary – Session 7 **Enhancing the passenger airport experience and making it a driver of commercial success**
- 17.30 End of Day 2

## **| CRITICAL ISSUES TO BE ADDRESSED AND DEBATED:**

The *Airport Solutions Indonesia* conference will cover key challenges for the successful development of the Indonesian airport sector. It will explore safety and security standards, the requirement for an improving passenger experience as well as share best practices and case studies from airports in Indonesia and the wider Asia-Pacific region.

- Current outlook for airport development and sector expansion across Indonesia
- Implementation and early outcomes of the ASEAN Single Aviation Market
- Planning for anticipated major growth in passengers, freight and air traffic
- Securing financial and technical support for an airport expansion programme
- Improving standards of airport safety and security
- Streamlining integrated air transportation networks and security technologies
- Enhancing the passenger airport experience as a driver of commercial success
- Developing smaller scale and regional airports across the Indonesian archipelago
- Embracing the latest green technology to create sustainable airport terminals

**Day 1 - Wednesday**

9 November 2016

**Session 1: 13.00 – 15.00**

Venue: Nuri Room, Lower Lobby JCC

## **ASEAN Economic Keynotes: Single aviation market – what progress has been made to date and what can we expect from a newly liberalised aviation sector?**

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- What does the single aviation market – Open Skies – mean for air traffic and passenger growth across the ASEAN region?
- Increasing regional and domestic connectivity and enhancing regional trade
- Is the ASEAN aviation sector now liberalised and have we achieved a single unified aviation market?
- What has been the immediate effect of economic and regulatory change brought about by the ASEAN single aviation market?

Despite the recent slowdown in global growth levels, a single aviation market across the AEC is expected to add significantly to regional aviation growth and boost economic activity. Initially however, some airlines were strongly resisting the ideas of liberalization of air transport in the region, due to fears of competition from strong competitors.

Industry analysts though are generally positive about ASEAN Open Skies and many believe that the Single Aviation Market will lead to significant aviation sector growth and development as the market opens to increased competition. Greater connectivity between ASEAN aviation markets is expected to encourage higher passenger and freight growth and improved service quality, while lowering ticket prices.

The ASEAN single aviation market means that there will be no regulatory limits on the frequency or capacity of flights between airports located across the 10 ASEAN states. However, one further step that could be considered is the opening up of ASEAN aviation to common ownership, whilst the market is currently dominated by state-owned airlines.

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### **Moderator:**

Anggia Rukmasari, Secretary General – Indonesian Air Law Society

### **Keynote Speakers:**

- Budi Karya Sumadi, Minister of Transport RI – Ministry of Transportation\*
- Wisnu Darjono, Operation Director, Airnav Indonesia
- Dendy Kurniawan, Chief Executive Officer, Indonesia AirAsia
- Pikri Ilham Kurniansyah, VP Ground Services, PT Garuda Indonesia (Persero) Tbk
- Mohamed Sallauddin Mohamed Shah, General Manager of Marketing– Malaysia Airports
- Chappy Hakim, Chairman, CSE Aviation Consulting

### **Discussion and Q&A**

**15.00 – 15.30 Coffee Break**

**Day 1 - Wednesday**

9 November 2016

**Session 2: 15.30 – 16.30**

Venue: Nuri Room, Lower Lobby JCC

## **Planning effectively for anticipated major growth in passengers, freight and air traffic across Indonesia**

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- The essential role of airports as a key component of Indonesian infrastructure
- Meeting the challenge of additional passenger and air traffic growth
- The need for collaboration between government and the private sector
- Creating additional passenger capacity
- Delivering a new airport network
- Building new air freight terminals in anticipation of growing international trade

Indonesia's 17,500 islands and three different time zones, have been recognised by IATA as one of the top 5 aviation markets with the fastest passenger growth. The challenge of delivering a new airport network is therefore very apparent. Despite the considerable growth figures, the majority of Indonesia's airports still operate beyond their capacity, due to a lack of infrastructure growth.

Strengthening the competitiveness of the airports sector will require government, private sector and other institutions to collaborate and deliver an optimal solution to Indonesia's airport construction challenges.

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### **Moderator:**

Edwin Soedarmo, President Director, CSE Aviation Consulting

### **Speakers:**

- Wismana Adi Suryabrata, Deputy Minister for Infrastructure – Bappenas
- Danang S. Baskoro, President Director – Angkasa Pura I
- Muhammad Awaluddin, President Director – Angkasa Pura II
- Achmad Syahir, General Manager, Sultan Thaha Airport, Jambi Province
- Carlos Cortijo, Technical Director Aviation, Surbana Jurong
- Mouhidine Ahmed Saleck Buh, General Manager, Najah for Major Works SA – Case Study: Nouakchott Airport, Mauritania

### **Discussion and Q&A**

**Day 1 - Wednesday**

9 November 2016

**Session 3: 16.30 – 17.30**

Venue: Nuri Room, Lower Lobby JCC

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**Examining airport investment and funding models – financing the roll out and development of Indonesia’s airport expansion programme**

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- Challenges of financing a major airport construction programme
- Financing options for the Government
- Ensuring the commercial success of new airports
- Delivering a return on airport investment

The pressing need for airport infrastructure development, means that the Indonesian government has increased its focus on improving the regulatory environment and stimulating infrastructure spending in the airport sector.

In this session, we will hear what are the investment opportunities and funding models as well as to forecast the future of airport sector in Indonesia.

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**Moderator:**

Jachrizal Sumabrata, Director, Center for Sustainable Infrastructure Development, Universitas Indonesia

**Speakers:**

- Edwin Syahrudat, Director of Financing and Investment, PT Sarana Multi Infrastruktur (Persero)
- Andra Y. Agussalam, Director of Finance, PT Angkasa Pura II (Persero)
- Michael B. Wudy, Managing Director, PT Bintan Aviation Investments – Case Study
- Antoine Bonnaud, Aviation Director Asia-Pacific, Egis Avia
- Gregory K. Ranslam, Advisor, Dyah Ersita & Partners

**Discussion and Q&A**

**17.30 End of Conference Day 1**

**Day 2 - Thursday**

10 November 2016

**Session 4: 09.30 – 11.00**

Venue: Nuri Room, Lower Lobby JCC

## **Meeting the challenge of constructing a new airport network across Indonesia: Key objectives for improving the Indonesian airport sector**

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- Airport construction, design and planning
- Which regions are the priority for airport construction?
- Smaller regional airports
- Cutting edge developments in innovation, to build a world class airport network
- Security technology
- Air traffic control systems
- Terminal upgrades
- Technology as an optimizer of the passenger experience

In 2016 the Indonesian Ministry of Transport has allocated IDR 5.83 trillion for the construction, rehabilitation and maintenance of airport infrastructure. Development is to be prioritised in the outermost regions starting from Sumatra, in the west of Indonesia. In addition to the construction of the new airport network there will also be 27 separate runway extensions and 13 airport terminal renovations.

The airport industry has consistently been an innovation leader, through constant research & development, growth, and adaptation. The role and incorporation of new technology in the airport ecosystem is one of the key challenges faced by the Indonesian airport sector today.

Airports play a key role in giving visitors a first impression of a country and the image that a country wants to project to visitors is important. Therefore, anticipated passenger growth, aircraft capacity and cargo volumes, will all impact heavily on airport terminal design.

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### **Moderator:**

Ari Soebagyo, Secretary General – Indonesian Airports Operator Association (APBI)

### **Speakers:**

- Yudhi Sari, Director of Airports – Ministry of Transportation
- Destiawan Soewardjono, Director of Operation III, PT Wijaya Karya (Persero) – Case Study: Terminal 3 Ultimate Soetta
- Moch. Asrori, Marketing & Business Development Director, Angkasa Pura I
- R.C. Eko Santoso Budianto, Deputy Chairman for Business Facilities, BP Batam
- Garret Harley, VP for Engineering and Construction Strategy – Oracle Construction & Engineering

### **Discussion and Q&A**

**11.00 – 11.30 Coffee Break**

**Day 2 - Thursday**

10 November 2016

**Session 5: 11.30 – 13.00**

Venue: Nuri Room, Lower Lobby JCC

## **Achieving sustainability in airport design, construction, management and operations**

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- Planning for airport energy efficiency and identifying energy efficient projects
- Embracing innovation and green technology
- Implementing sustainable design in airport terminal construction
- Adopting clean energy policies
- Which energy efficiency improvements are currently being implemented at airports:
  - Energy efficient facilities enhancement
  - Carbon reduction at airports
  - Green buildings
  - Thermal efficient terminals
- Delivering long term payback

The airports industry has increasingly incorporated sustainable construction methods practices in recent years. Green design and environmentally friendly construction for airport terminals and associated buildings are increasingly common. Sustainable approaches have been successfully incorporated as a priority for airport owners.

According to the Intergovernmental Panel on Climate Change, air travel and transport accounts for two percent of all human generated greenhouse gas emissions with airports contributing five percent to the overall aviation figure. Many airports are looking to address this by incorporating the latest green innovation and technology within daily operations. By adopting clean energy policies and technologies, eco-conscious airport operators expect to contain and reduce the airport industry's environmental impact.

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### **Moderator:**

Capt. T. Gultom, Chief Editor, Tabloid Aviasi

### **Speakers:**

- Siti Adiningsih Adiwoso, Chairperson – Green Building Council Indonesia (GBCI)
- Isandra Matin Ahmad, Principal, andramatin
- Ramdan Pradarma, Airport Services Group Head, PT Angkasa Pura I (Persero)
- Heru Legowo, Advisor and Senior Editor Airmagz, Former Director – Gapura Angkasa
- Cory Bringham, Business Development Manager, Airfield Lighting, Carmanah Technologies Corp.

### **Discussion and Q&A**

**13.00 – 14.00 Lunch Break**

**Day 2 - Thursday**

10 November 2016

**Session 6: 14.00 – 15.30**

Venue: Nuri Room, Lower Lobby JCC

## **Meeting required international standards for airport safety and security – Optimising technology in the advancement of airport security**

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- Protecting the airport network from threats
- Making security the highest priority
- Mitigating security risks
- Incorporating the latest technological advances in airport security

Safety and security at airports needs to be a high priority with a strong emphasis on reassuring the traveling public that stringent safety measures are in place. The main goal for airport safety and security as required by the international standards is to protect the airport and country from any threatening events as well as to reassure the traveling public that they are safe while protect the country and their people.

Airport safety and security requires the participation of all stakeholders, regulators, operators, and passengers. Airports around the world are using a variety of new technologies to make it easier to improve security and reduce threats. A key objective of new technology is to obstruct and deter threats whilst ensuring passenger satisfaction and legal compliance.

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### **Moderator:**

Gerry Soejatman, Aviation Consultant – CommunicAvia

### **Speakers:**

- Dwi Afriyanto CH, Deputy Director of Standardization, Cooperation and Programme on Aviation Security – DGCA, Ministry of Transportation
- Yurlis Hasibuan, Director of Safety, Security and Standarization – Airnav Indonesia
- Nathalie Herbelles, Assistant Director, Airport, Passenger, Cargo and Security – International Air Transport Association (IATA) Asia-Pacific
- Dony Subardono, Airport Security Group Head – PT Angkasa Pura I (Persero)
- Kadek Bayu Temaja, VP Corporate Safety, PT Garuda Indonesia (Persero) Tbk
- Robert Hamilton, Indonesian Sales Director, Rapiscan Systems

### **Discussion and Q&A**

**15.30 – 16.00 Coffee Break**

**Day 2 - Thursday**

10 November 2016

**Session 7: 16.00 – 17.30**

Venue: Nuri Room, Lower Lobby JCC

## **Enhancing the passenger airport experience and making it a driver of commercial success**

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- Measuring service quality in the passenger airport experience
- Reducing queues and waiting time at passport control
- Making baggage screening straightforward and reducing queues without compromising security
- Intergrating airport technologies and processes to create a smoother customer experience
- Ensuring all stakeholders play their part in maximising the airport experience

The passenger journey from arrival at the airport through to take off, follows a numbers of important elements, including: parking; check in and ticketing; passport control; security; customs; shopping; food and beverages; through to boarding and take off. Outside the passenger's initial experience, lie a number of additional factors that might be unseen to the passenger, but also impact on his or her airport experience: ground handling; security; baggage handling; cleaning; and air traffic management.

Through all these different stages of the airport, each will impact on the passenger in its own way and forms part of the overall passenger experience.

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### **Moderator:**

Ellen Tangkudung, Researcher, Center for Sustainable Infrastructure Development, Universitas Indonesia

### **Speakers:**

- Muhammad Alwi, Director of Airworthiness and Aircraft Operations, Ministry of Transportation
- Prijastono Purwanto, Corporate Expert – PT Garuda Indonesia (Persero)
- Djoko Murjatmodjo, Director of Operations & Engineering – PT Angkasa Pura 2
- Erry Dwi Prasetyo, Finance & Administration Director– PT Railink
- Lars Crone, Managing Director - EMCAT - Airport F&B Alliance

### **Discussion and Q&A**

**17.30 End of Conference Day 2**

### **Disclaimer:**

**\*Preliminary Conference Programme as per 01 November 2016.**

This document and the final rundown of speakers and agenda are subject to changes by the Airport Solutions Indonesia Official Steering Committee who reserve the right to amend as required.