



13th Annual Conference on

AIRPORTS IN INDIA

Policies, Projects, Opportunities and Outlook

February 5-6, 2019, Le Meridien, New Delhi

Organiser:



Aviation Fuel Partner:



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AIRPORTS IN INDIA

Mission

- The airport sector has witnessed robust growth in the past few years, maintaining a double digit increase in traffic. During the period 2013-14 to 2017-18, passenger and cargo traffic grew at a CAGR of 16 per cent and 10 per cent, respectively.
- The government's ambitious plan to provide air connectivity to unserved and under-served destinations has met with success. So far, Rounds I and II of the Regional Connectivity Scheme have been completed and a total of 453 routes have been awarded. Bids for Round III of the scheme have been invited recently.
- In another significant development, the Ministry of Civil Aviation tabled the AERA Amendment Bill, 2018 in Parliament. The bill seeks to change the definition of major airports and devise new tariff models for aerodromes.
- However, capacity creation continues to be an area of concern. While several AAI airports are already operating beyond their design capacities, the metro airports in Hyderabad, Bengaluru, Delhi and Mumbai are also at high risk of saturation. As a result, AAI has set a target of almost doubling its terminal capacity to 300 million in its Corporate Plan 2017-26.
- Meanwhile, substantial progress has been made under the government's greenfield airport development agenda. After significant delays, construction of the Navi Mumbai and Mopa airports is expected to commence soon. Meanwhile, the development of the Jewar, Bhogapuram, Dholera, Purandar and Rajkot airports is also being considered.
- The government's long-pending plan to privatise airports has inched forward. In November 2018, the cabinet approved the leasing out of the Ahmedabad, Jaipur, Lucknow, Guwahati, Thiruvananthapuram and Mangaluru airports on a PPP basis.
- Going forward, technology will be a game changer, especially in the area of airport security and surveillance. AAI has installed multi-level in-line baggage screening systems (ILBSs) at several airports including the Chennai, Kolkata, Ahmedabad and Calicut airports. There is also a focus on developing airports for the future through the deployment of new digital solutions.
- The overall outlook for the sector is promising as the government is planning to develop 100 airports at an investment of \$65 billion over the next few years. Besides, the authority has chalked out a capex plan of Rs 25 billion to modernise and augment ANS infrastructure in the next five years.
- In order to realise these targets, significant attention needs to be given to critical issues such as a reduction in aviation turbine fuel taxes and airport charges, and delays in land acquisition and coordinated clearances.
- **The mission of this conference is to highlight the recent trends and developments in airport infrastructure development, examine the new opportunities, challenges and impact of recent policy and regulatory initiatives as well as showcase the most noteworthy and promising technologies and solutions. The conference will also provide a platform to industry players, policymakers, investors, consultants and technology providers to share their experience and exchange ideas.**

Target Audience

The conference is targeted at:

- Existing airport operators
- New/Potential airport operators
- Policymakers and regulators
- Aviation fuel sellers
- Airport service providers
- Airlines
- Cargo and MRO service providers
- Renewable energy companies
- Engineering and construction firms
- Safety, security and surveillance companies
- Communication solution providers
- Architecture and design consultants
- Developers and contractors
- Lighting companies
- Management consultants and market analysts
- IT solution providers and technology providers
- Financial institutions and legal firms
- Equipment manufacturers, etc.

AGENDA/STRUCTURE

KEY TRENDS AND OUTLOOK

- ❖ What have been the key sector trends over the past couple of years?
- ❖ What have been the recent developments in the sector?
- ❖ What are the key areas of concern for the sector? What is the future outlook?

AAI's PLANS AND TARGETS

- ❖ What have been the key initiatives taken by AAI over the past year?
- ❖ What are AAI's plans to enhance airport capacity in the future?
- ❖ What are the key issues and challenges? What strategies are being followed to address these challenges?

GOVERNMENT PERSPECTIVE

- ❖ What is the Ministry of Civil Aviation's perspective on the development of the sector?
- ❖ What has been the impact of the NCAP 2016 policy on the sector?
- ❖ What are the next steps and strategies for sector growth?

UPDATE ON THE REGIONAL CONNECTIVITY SCHEME

- ❖ How has been the experience in the routes awarded under the first two rounds of RCS?
- ❖ What is the update on Round III? What is the progress under the International Connectivity Scheme proposed to be launched as an extension of RCS?
- ❖ What are the key issues and challenges?

AERA's VIEWPOINT

- ❖ What has been the experience of AERA in regulating tariffs?
- ❖ What is the status with regard to the introduction of the Airports Economic Regulatory Authority of India (Amendment) Bill, 2018?
- ❖ What are the key challenges? What are the future priorities?

FOCUS ON NABH NIRMAN

- ❖ What is the progress with regard to the augmentation of airport capacity under the NABH Nirman initiative?
- ❖ What are the proposed financial and implementation models?
- ❖ What are the future plans and targets?

PRIVATISATION OF AIRPORTS

- ❖ What is the status of AAI's plans to privatise the Ahmedabad, Jaipur, Lucknow, Guwahati, Thiruvananthapuram and Mangaluru airports?
- ❖ What are the lessons learnt from the previous bidding rounds?
- ❖ What are the expected timelines?

PRIVATE DEVELOPERS' VIEWPOINT

- ❖ What has been the developers' experience so far?
- ❖ What are the biggest concerns? What are the lessons learnt?
- ❖ What are the future expansion plans/priorities of PPP metro airports?
- ❖ What are the upcoming opportunities?

UPDATE ON THE NAVI MUMBAI AND MOPA AIRPORTS

- ❖ What is the current status of the Navi Mumbai and Mopa projects?
- ❖ What are the timelines for project implementation?
- ❖ What are the key issues and challenges?

INVESTOR PERSPECTIVE

- ❖ What is the current stance of investors? How has been their experience so far?
- ❖ What is their level of interest in brownfield airport assets?
- ❖ What are the biggest concerns? What are the lessons learnt?

CARGO HANDLING INFRASTRUCTURE AT AIRPORTS

- ❖ What are the key cargo-related initiatives being taken at Indian airports?
- ❖ What are the key initiatives being undertaken by AAICLAS?
- ❖ What is the outlook? What are the future opportunities?

AIRPORT PROJECT SHOWCASE

- ❖ Which are some of the noteworthy projects? What were the key success factors in the execution of these projects?
- ❖ What were the issues and challenges faced? What are the key lessons learnt?

FOCUS ON RENEWABLE ENERGY AND ENERGY EFFICIENCY

- ❖ What are the noteworthy energy efficiency initiatives being taken at airports?
- ❖ What are the key initiatives being taken to increase the use of renewable energy?

MODERNISATION OF AIR NAVIGATION AND COMMUNICATION SERVICES

- ❖ What have been the recent advancements in CNS/ANS services at airports?
- ❖ What can the industry expect from the GAGAN project? What are the timelines?
- ❖ What are the key initiatives that be expected in the next few years?

COMMERCIAL DEVELOPMENT AT AIRPORTS

- ❖ How has been the experience so far?
- ❖ What are the key issues and concerns?
- ❖ What is the future potential for commercial/retail/city-side development at airports?

SMART SECURITY AND SURVEILLANCE SOLUTIONS FOR AIRPORTS

- ❖ What are some of the smart security and surveillance solutions for airports?
- ❖ What has been the experience at Indian airports so far?
- ❖ What are the international best practices?

The key solutions covered in this session will include:

- Runway monitoring and conflict alerting (RMCA)
- Conflicting ATC clearances (CATC)
- Conformance monitoring alerts for controllers (CMAC)
- Explosive detection systems (EDS)
- CCTV/IP video
- Scanning and observation systems
- Others

TECHNOLOGY FOCUS: CREATING AIRPORTS OF THE FUTURE

- ❖ What new technology measures are being introduced to improve operations and management at airports?
- ❖ How has been the experience so far?
- ❖ What can be learnt from the global experience?

The key technologies covered in this session will include:

- Blockchain
- Artificial intelligence
- Augmented and virtual reality
- Internet of things
- Robotics
- Others

RESHAPING PASSENGER EXPERIENCE AT AIRPORTS

- ❖ What are the new solutions being deployed at airports to improve the passenger experience?
- ❖ How has been the experience so far?
- ❖ What are the global best practices?

The key solutions/systems covered in this session will include:

- In-line baggage screening systems (ILBSs)
- Biometric systems
- AirSewa 2.0
- Self check-in kiosks
- Digi-yatra
- E-gates

Previous Participants

Some of the previous participants of "Airports in India" include: AAICLAS, ACO Systems & Solutions, Adani Ports & SEZ, ADP-I, Advaita Legal, AECOM, AERA, AIMIL, AIQ Consulting, Air Asia, Air India SATS Airport Services, Airport Design Consult, Airports Authority of India, Airports Economic Regulatory Authority, Amadeus, ATT Systems Group, Axis Bank, Bank of Baroda, Bangalore International Airport, Baumer, Bechtel, Bluestar, Bosch, BPCL, British High Commission, Bureau of Civil Aviation Security, CAPA, Cargo Service Centre, Cavotec, CBRE Consulting, Centre for Asia Pacific Aviation, CentrumDirect, CH2M Hill, Chennai Airport, CIDCO, Clean India (Cradle Runways), Cochin International Airport, Coimbatore International Airport, Creative Group, Delhi International Airport, Dholera International Airport, DigiCollect, Directorate of Civil Aviation, Dorsch Consult India, Dow Chemical, Dua Associates, Duraline, Dynatest Denmark, Egis India, eJet International, Elenium Group, Enerparc, ESCO Arrester Systems, Fosroc Chemicals, Frost & Sullivan, GIDB, Global Aviation India, GMR Group, Goa State Govt, Graco India, Grundfos Pumps, Gunnebo, Hindustan Colas, Hindustan University, HKS Architect, Honeywell, HPCL, IBM, ICICI Bank, ICT, IDBI, IndianOil SkyTanking, Indigo Airlines, Indra Sistemas, Infosoft Digital Design & Services, Infrastructure Development Corporation (Karnataka), IOCL, Iridis Advisory, J. Sagar Associates, Jaipur International Airport, Jay Ambe Group, Jeppesen, JMC Projects, JSW Steel, Kannur International Airport, KfW IPEX Bank GmbH, Kingspan Panels, KPMG, KSIIDC, Kvadrat Singapore, Landrum & Brown, Larsen & Toubro, Link Legal India Law Services, Linnhoff India, Lufthansa Consulting, Maccaferri Environmental Solutions, MADC (Mihin India), Magnetic Autocontrol, Marsh India Insurance Brokers, Mecon, Mumbai International Airport, Millennium Aero Dynamics, Ministry of Coal, Ministry of Communications, Mitsubishi Heavy Industries, Morpho Detection, NBCC, Nuctech Company, OAG, Ooms Plymer Modified Bitumen, Parsons Corporation, Pentair Electronics Protection, Philips, PTC Financial, PWC, RITES, Roads and Concrete, Robert Bosch, Saab India Technologies, Safegate, Sagem Morpho Security, SATS Singapore, SBI Caps, Schindler, Schmalz India, Selex ES, Shapoorji Pallonji, Shell India, Siemens, Simplex Infrastructure, Ski Data, Smiths Detection, Sojitz India, State Bank of India, Sterling & Wilson, Strategic Decisions Group, Stup Consultants, Tata BlueScope Steel, Tata Elxsi, Tata Projects, Tata Realty & Infrastructure, Tata Steel, Terre Armée, Thyssenkrupp, Tirupati Airport, Track IT Solutions, TRF, Trichy Airport, Trilegal, Trimble Solutions, Turner International, UTC, Vanderlande, Veldeman Structure Solutions, Vinci, Vitra India, Volvo, Wipro, etc.

Organisers

The conference is being organised by **India Infrastructure Publishing**, the leading provider of information on the infrastructure sectors. The company publishes **Indian Infrastructure** (a magazine on infrastructure policy and finance) and **Power Line** (India's premier power magazine). It also publishes a series of reports on the infrastructure sectors including **Airport Development in India**, **Freight Market in India** and **Storage Infrastructure in India**. It also publishes **Aviation News** (a weekly newsletter) and the **Airport Directory and Yearbook**.

PREVIOUS SPEAKERS

Dr Guruprasad Mohapatra,
Chairman,
Airports Authority of India

S. Machendranathan,
Chairperson,
Airports Economic Regulatory Authority of India

Keku Bomi Gazder,
Chief Executive Officer,
AAICLAS

Dr Suresh Shanbhogue,
Director of Civil Aviation,
Goa State Government

Kishan Lal Sharma,
Regional Executive Director (ER),
Airports Authority of India (Pakyong Airport)

G.K. Chaukiyal,
Executive Director - RCS,
Airports Authority of India

Amit Kumar Banerjee,
Executive Director, CNS-O&M,
Airports Authority of India

R.V. Sheshan,
Chief Executive Officer,
GMR Goa International Airport

P.U. Mathai,
Deputy Director, Policy,
Bureau of Civil Aviation Security

Pradeep Panicker,
EVP & CCO, Aero & Property Development,
Delhi International Airport

Kapil Kaul,
CEO, South Asia,
Centre for Asia Pacific Aviation

Naren Hosabettu,
Executive Vice-President,
Mumbai International Airport

Sanjay Gulati,
Group VP Corporate Tax - GST & Litigation,
GMR Group

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Two delegates	37,500	6,750	44,250	732
Three delegates	52,500	9,450	61,950	1,046
Four delegates	67,500	12,150	79,650	1,360

- Registration will be confirmed on receipt of the payment.
- To register online, please log on to <http://indiainfrastructure.com/conf.html>

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