

Airport Strategic Master Planning Boot Camp

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INVESTOR RESOURCE

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*bringing a world of experience
to the airport industry*

Presenter:

Peter Bianconi, P.Eng



Synopsis

Airport Strategic Master Planning Boot Camp

Designed for both the novice airport planner and the experienced professionals, this course addressed the traditional subjects such as forecasting, planning the various components of the airport system, as well as the structure and purpose of an airport master plan and placing this into the context of greater regional planning.

In addition to the more conventional aspects, we delve into more contemporary elements such airport organizational structures, private vs public ownership and operation, revenue optimization, etc. We cover important subjects like modern forms of security and where this is headed based on technology and the importance of commercialization of airports.

Presenter



Peter Bianconi, P.Eng
Airport Planning

35+ years of airport planning, design and project management experience on six continents in private and public sectors with extensive experience on BOT/PPP projects, due diligence/analysis in purchases/ownership changes. Specializing in airport master planning, terminal and airfield design for new greenfield, brownfield and existing sites.

- SNC Lavalin, Director, Airport Planning
- PDK Airport Planning Inc (PAPI), President
- Vancouver International Airport Authority, Manager Planning

Program

I: Developing Key Strategic Planning Frameworks for Your Airport

- Airport & Air Traffic Development and the Implications for you
- Developing an effective and sustainable strategic planning strategy
- Site Selection & Assessment for New Airports
- Key strategic planning considerations for existing and new airport operations
- Case studies & Lessons Learned

II: Airport Systems, Effective Organization & Administration of Successful Airport Operations

- Airport Ownership & Operations vs Airport Privatization
- Understanding the Airport Organization Chart and Descriptions
- Assessing Airport Modernization
- Airport Management & Systems on an International Level
- Airport Legislations after Airline Deregulations
- Case studies & Lessons Learned

Program

III: Airport Capacity Planning & Traffic Analysis

- Forecasting demand effectively
- Key aspects of airport capacity planning
- Taking airline operating model considerations into your planning
- Airport Capacity Elements
- Capacity Assessment Considerations
- Capacity Planning Approaches

IV: Airport Master Planning Process & Strategies

- Key elements of a successful master plan
- Existing condition assessments
- Capacity calculations
- Airport Layout Planning
- Development Phasing
- Key financial considerations when developing a master plan
- Aligning your masterplan to the strategic objectives of your business
- Case studies & Lessons Learned

Program

V: Airfield Infrastructure Design & Planning

- Runway & Taxiway systems planning
- Aircraft Parking Stands planning
- Airfield Engineering & Design Considerations
- Ensuring Safe & Efficient Airfield Infrastructure

VI: Passenger Terminal and Landside Infrastructure Design & Planning

- Configuration & Layout
- Subsystems and Processing Elements
- Improving your level of service within your passenger terminal.
- Terminal and Landside Ground Access Planning
- Landside Infrastructure Management

Program

VII: Airport Surface Access Planning

- Determining key priorities
- Ensuring a resilient and reliable surface access network
- Improving connectivity through effective surface access design
- Case studies and lessons learned

VIII: Concession Planning & Maximizing Non-Aeronautical Revenue Streams

- Developing a strategic non-aeronautical revenue business strategy
- Improving revenue streams from non-aeronautical channels
- Engaging and managing concession operations
- Airport revenue forecasting and management
- Case studies and lessons learned

Program

IX: Airport Operations & Security Planning

- Key aspects of airport security planning
- Ensuring airport operational excellence
- Developing an effective airport security framework
- Key considerations in airport security management

X: Airport Strategic Planning - Regulatory, Policies & Contractual Management Strategies

- Decision Support for Airports
- Understanding safety, national, and environmental regulations when planning airports
- Master planning guidelines based on governmental policies
- Land use planning, and contractual management considerations

Program

XI: Airport Strategic Planning - Managing Community Relations & Stakeholders

- Key considerations in managing community affairs
- Developing an engagement strategy and communications plan with the public
- Developing an engagement strategy and communications plan with the public
- Best Practices & Case Studies

XII: Airport Strategic Planning - Financial Management & Ensuring Commercial Sustainability

- Developing a sound financial management plan
- Nature and Structure of Revenues
- Determinants and Structure of Costs
- Performance Indicators for Commercial Sustainability