LEARNING SERVICES

AIRPORT MASTER PLANNING

Design & Engineering
Operations
Looking Forward Innovation
C-Suite Management
Technical BIM

How to understand, build & use this key element that will help you scope, define, plan the potential futures of an Airport within different future horizons.

THE WORKSHOP

What is a master plan, its purpose & role? How flexible it is and what are the unbreakable parameters that guide the decision process of those using it. Explaining the regulatory environment impact on a master plan: international & local. Presenting all the elements composing an Airport master plan, their role & function. Content includes methods & tools used to define each element of a master plan, using theory, standards, guidelines (ADRM11) & real life cases. It will detail the benefits brought by a master plan: financial, decision-making, management, planning & growth. Innovation & upcoming trends to provide a long-term view & vision to participants when working on their master plan.

KEY BENEFITS

Why it is the base of an airport plan: design, economic, socio-environmental links. Criteria's & processes linking it to strategy & capacity

Identify your situation: specificities, strengths & potential areas of improvement. Methods & processes to assess future options ease planning & financing decision-making, stakeholder's roles across airport lifecycle

TARGET AUDIENCE

- Mid to senior managers who are working with or contributing to the master plan or definition of requirements
- Corporate functions: strategy, finance
- Terminal directors & managers
- Strategic planning engineers
- Security managers
- Sustainability managers

WORKSHOP DURATION
5 days

FORMAT
In-person or remote learning

LOCATION
"In-House" or
Paris, Dubaï and Hong Kong

CONTACT
Learning Team
360learningservices@adp-i.com

ADP INGÉNIERIE

COURSE CONTENT

1. **Introduction**

2. **Benefits of the Airport master plan:** The benefits a master plan brings at each step of the airport lifecycle. From the project management and anticipation of possible future scenarios, to the cost management and revenue planning/forecasting, the master plan benefits a wide range of stakeholders

3. **Regulatory Environment applying to Airport Master Plan:** The role of international organizations, the impact of regional and local regulations to consider in your particular case as well as the impact that the FAA has abroad. Will also cover the growing impact of sustainability standards on airports development

4. **Elements of a master plan:** From site selection, infrastructure & building to airside & airfield elements leading to the ground plan

5. **Methodology to build or update a master plan:** Greenfield vs Brownfield, considering site, pre-existing condition, demand and forecasts, PTB, connectivity of the airport, future targets anticipation & constraints

6. **Innovations & evolutions:** VOLTs future impact, also opportunities brought by a Digital twin

7. **How to make the most of a master plan:** Impact on phasing, investment, stakeholder's engagement and commitment through the airport lifecycle

LEARNING APPROACH

In this particular workshop, ADP Ingénierie leverages its 20+ years of experience at creating, updating, implementing, revising master plans. It follows the chronological order of the development of a master plan, blending theoretical principles, regulation with real cases & exercises to ensure optimal retention of the knowledge shared.

OUR LEARNING TEAM

- Our expert brings global perspectives on master planning best practices, her vision acquired over the years collaborating with IATA for the 11th & 12th ADRM as well as the NEXTT vision by IATA & ACI.
- With 10+ years of experience, our 2nd expert worked on many master plans for Airports across the globe. With engineering & business expertise, she teaches the impact of master planning on engineering & finances.

ADP INGÉNIERIE

360-DEGREE AIRPORT EXPERTS

Made up of airport experts, ADP Ingénierie's teams share their passion, experience and knowhow to help you design the Airport of tomorrow. ADP Ingénierie's experts are involved at all levels of the airport lifecycle cycle: from the design of a Greenfield Airport to the maintenance and optimization of existing airport flows, and even increases in traffic.