

# UAV'S AIRPORT INTEGRATION — DETECTION — PROTECTION

How Airports plan the integration of UAVs for their benefits while ensuring safe operations. Knowhow to detect, control & contain.

## THE WORKSHOP

The increasing popularity of drones, UAVs and their widespread availability and application is an unstoppable trend that Airports need to take into consideration. This evolution generates certain risks but also a number of opportunities for Airports looking at how they can leverage and integrate them within their environment. This situation creates a number of risks and those should be treated and anticipated to avoid any interruption of traffic or consequences that are more serious. It also creates a number of opportunities for Airport looking at how they can leverage and integrate them within their environment.

## KEY BENEFITS



Latest trends on UAVs. Their applications in the Airport across different stages of its lifecycle, their integration with the overall systems



Learn about unmanned traffic management, detection & threat management for various types of sensible infrastructures; risks (financial/operational) associated



Integration of passenger-transporting drones within the airport environment & other innovations

## TARGET AUDIENCE

- ◆ Airport senior to mid management
- ◆ Safety managers & specialized operators
- ◆ Operations managers
- ◆ Civil Aviation authorities
- ◆ Traffic control officers
- ◆ Public safety authorities (police/army/fire departments)



## WORKSHOP DURATION

1 day + 1



## FORMAT

In-person or remote learning



## LOCATION

“In-House” or  
Paris, Dubai and Hong Kong



## CONTACT

Learning Team  
360learningservices@adp-i.com

## COURSE CONTENT

### 1. Introduction

Historical recap – link between drones/UAVs and Airports

### 2. Regulatory environment

Definition of drones, UAVs, regulatory environment:  
EASA / FAA. Focus on some champions of applications

### 3. Drones integration in Airports

From planning, construction to maintenance while considering  
Security & Customer Services

### 4. Detection identification & monitoring

Airspace management & UTM, airspace safety to anti drone protection.  
How to ensure detection & monitoring for an optimal management  
of airspace. Managing threats potentially leading to their elimination.  
Specifics of the protection of sensible sites

### 5. The financial impacts of drones

Threats and their financial impact and revenue opportunities  
of drone integration

### 6. Innovation

What's next?

## LEARNING APPROACH

The course covers not only the regulatory and best practices but also integrates such technologies and processes in current or future operations of an Airport. It contains the elements airport operators, strategists and management should know to leverage and integrate UAVs within Airports and prepare for it.

## OUR LEARNING TEAM

- ◆ Our senior trainer is a thought leader with an extensive career in Airports including UAVs, detection, identification, protection & integration within Airports; works with multiple regulators to define the regulatory environment & standards of tomorrow.
- ◆ Our 2nd expert is specialized in strategy in mobility. He currently leads the initiatives regarding the integration of drones and UAVs within Aéroport de Paris as well as projects on urban air mobility.

## 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.

