



# AERTEC

→ **Advanced Air Mobility**  
A definitive leap towards  
transport intermodality



Let's talk **aeronautics**



# → Advanced Air Mobility

## A definitive leap towards transport intermodality

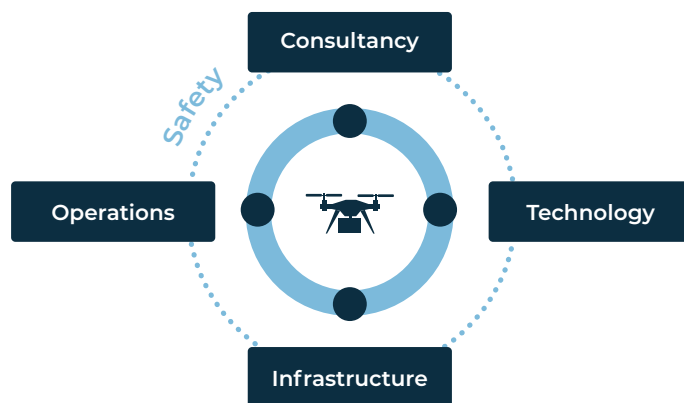
People / Cargo / Services



We innovate in Advanced Air Mobility (AAM). Let's create synergies to achieve more efficient and sustainable urban mobility.

We will soon be sharing space with electric vertical take-off and landing (eVTOL) vehicles that will be integrated into multimodal transport networks, which will, in turn, be part of regional or even larger-scale systems.

Our city landscapes change over time, and they're undoubtedly doing so right now. Beyond a horizon of buildings and streets, cities are also... people!



### What is #AAM?

#### Advanced

It is a multimodal transportation system by air for people and goods that works efficiently, automatically, intelligently and sustainably.

#### Air

The term "air" focuses on the airborne component of the vehicles that comprise this system. AAM refers to vertical take-off aircraft (preferably electric) operating from vertiports and that are integrated into the U-Space. Helicopters and UAS of different types are also included.

#### Mobility

Air operations will be carried out over populated areas regardless of the type of aircraft performing them. They can be flights over the city itself, in the perimeter of the cities, between cities or between the urban and rural environment.





## More sustainable transport for smarter cities



### Consultancy

#### Routes, platforms and use cases

Studies of routes, locations and intermodal integration. Because each transport type will require a specific vehicle model for the system to be as efficient as possible.



### Technology

#### Digitization to improve services and reduce risks

The AAM requires a digitized and automated airspace where all previously certified transport services can coexist safely. To this end, resource management and scheduling services, system monitoring and surface trajectory tracking are essential, as well as adequate interfaces for U-space service providers. Moreover, advanced electrification and greater aircraft efficiency are required.



### Infrastructure

#### Planning and design of vertiports and droneports

Air transport vehicles will require a network of vertical airports in the metropolitan environment to carry out their activity. They will all have to comply with complex aviation regulations.



### Operations

#### Integration with the network of urban transport systems

Management support engineering, procedures and manuals, and operational security. AAM must coexist and share resources with other transport systems, both terrestrial and aerial, with specific standards.



## #AAM will be vital in the definitive leap towards transport intermodality.

The necessary technology is already available, although innovation is ongoing to improve the efficiency of the solutions. We will have to develop new facilities (vertiports and loading stations), as well as a regulatory framework needed to manage common airspace that is (operationally, physically and electronically) safe and efficient.

#AAM



For more information:  
[aertecolutions.com](http://aertecolutions.com)



# IN MORE THAN 200 AIRPORTS WORLDWIDE

## AFRICA

### Algeria

- Houari Boumediene Airport / Algiers
- Mohamed Boudiaf Airport / Constantine
- Oran Es Sénia

### Angola

Quatro de Fevereiro International Airport

### Gabon

- Libreville International Airport

### Libya

- Benina / Benghazi International Airport
- Misrata International Airport
- Mitiga International Airport
- Sabha International Airport

### Morocco

Airports: Casablanca Mohammed V, Marrakesh Menara, Agadir-Al Massira, Fes-Saiss, Tanger-Ibn Battouta, Rabat-Salé, and more than 20 airports (Moroccan network)

### Mozambique

- Maputo International Airport

## ASIA

### Bahrain

- Bahrain International Airport

### Bangladesh

- Hazrat Shahjalal Airport / Dhaka

### China

- Macao International Airport

### East Timor

- Suai Airport

### Hong Kong

- Hong Kong International Airport

### India

- Hirasar Airport / Gujarat, India

### Jordan

Airports: Queen Alia / Amman, Aqaba and Shouneh.

### Kuwait

- Kuwait International Airport

### Myanmar

Airports: Hanthawaddy, Mandalay and Yangon.

### Oman

- Sohar International Airport

### Philippines

Airports: Ninoy Aquino / Manila, Sangley Point and de la Bahía de Subic.

### Qatar

- Hamad International Airport / Doha

### Saudi Arabia

Airports: King Khalid / Riyadh, King Faisal Airport (Air Academy), King Fahd / Dammam, Jubail, Yanbu, Red Sea International Airport and Amaala. Air Bases: King Salman and Salboukh / Riyadh.

### United Arab Emirates

- Dubai International Airport
- Al-Minhad Air Base/Dubai
- Abu Dhabi International Airport
- Sharjah International Airport
- Fujairah International Airport
- Al Ain International Airport

## EUROPE

### Belgium

- Zaventem Brussels Airport
- Brussels South Charleroi Airport
- Liege Airport
- Florennes Air Base

### Bulgaria

- Sofia International Airport

### France

- Lyon-Saint-Exupéry Airport
- Lille Airport

### Greece

Airports: Heraklion, Thessaloniki, Kavala, Aktion, Corfu, Kefalonia, Zante, Chania, Santorini, Mytilene, Mykonos, Skiathos, Samos, Rhodes and Kos.

### Ireland

- Dublin, Kerry and Shannon Airport

### Italy

- Orio al Serio Airport / Bergamo

### Latvia

- Jelgava Airport

### Portugal

- Humberto Delgado Airport / Lisbon
- Montijo Airport / Lisbon
- Cascais Airport

### Romania

- Suceava International Airport

### Spain

- Madrid-Barajas Adolfo Suárez Airport
- J. Tarradellas Barcelona-El Prat Airport
- Palma de Mallorca Airport
- Malaga-Costa del Sol Airport
- Alicante Airport
- Gran Canaria Airport
- Tenerife South Airport
- Moron and Rota Air Bases
- + 27 more airports / Spanish network

### Turkey

Airports: Sabiha Gökçen / Istanbul, Konya, Batman and Kahramanmaraş.

### United Kingdom

- London Heathrow, Gatwick and Luton
- Birmingham International Airport
- Cardiff Airport
- Guernsey Airport
- Barra Airport
- Edinburgh Airport
- Derry Airport
- Belfast International Airport
- Marham Air Base
- Gibraltar Airport
- Leonardo Yeovil Base
- RAF Lossiemouth Air Base

## NORTH AMERICA

### Mexico

Airports: Mexico City and Los Cabos

### United States

Airports: Denver, Newark Liberty / New Jersey, John F. Kennedy / New York and Philadelphia.

## SOUTH AMERICA

### Bolivia

- Alcántari Airport / Sucre

### Brazil

Airports: Guarulhos / São Paulo, Farol de São Tomé, Recife, Maceió, Aracajú, Joao Pessoa, Campina Grande, Juazeiro da Norte, Vitória, Macaé, Cuiabá, Rondonópolis, Alta Floresta, Sinop, São Paulo / Congonhas, Campo Grande, Corumbá, Ponta Porã, Ten. Cel. Aviador César, Bombonato / Uberlândia, Montes Claros / Mário Ribeiro, Uberaba-Mário de Almeida Franco, Santarém-Pará-Maestro Wilson Fonseca, Altamira, João Correa da Rocha / Marabá and Carajás / Parauapebas.

### Chile

- Santiago de Chile Airport

### Colombia

Airports: El Dorado / Bogotá, Alfonso Bonilla Aragón / Cali, Jose Ma. Córdova / Medellín, Ernesto Cortissoz / Barranquilla, El Edén / Armenia, Benito Salas / Neiva, G. León Valencia / Popayán, Santa Ana / Cartago, A. Roldán Betancourt / Antioquia, El Caraño / Choco, Las Brujas / Sucre, Los Garzones / Córdoba, Matecaña / Pereira, Simón Bolívar / Santa Marta, Camilo Daza / Cucuta, Palonegro / Bucaramanga, Perales / Ibagué, Gerardo Tovar López / Buenaventura, Almirante Padilla / Riohacha, Alfonso López Pumarejo / Valledupar, El Embrujo / Providencia, Aeropuerto del Café / Caldas, Olaya Herrera / Medellín and Yariagués / Barrancabermeja. Regional: Bahía Solano, Babosa, Inírida, Miraflores, Necoclí y Sogamoso.

### Costa Rica

- Daniel Oduber Quirós International Airport

### Cuba

- Havana Airport

### Dominican Republic

Airports: Las Américas, Gregorio Luperón, Presidente Juan Bosch, La Isabela, María Montez and Arroyo Barril.

### Panama

- Tocumen International Airport
- Enrique Adolfo Jimenez International Airport

### Paraguay

- Silvio Pettrossi Int. Airport / Asuncion

### Peru

Airports: Jorge Chávez / Lima, Chinchero / Cuzco, Francisco Carle / Jauja, Capitán FAP Víctor Montes Arias / Talara and Capitán FAP Pedro Canga Rodríguez / Tumbes.



# AERTEC

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## EUROPE

### SPAIN

MALAGA  
Avda. Juan López de Peñalver, 17  
Parque Tecnológico de Andalucía  
(29590) Málaga

### SEVILLE

C/ Wilbur y Orville Wright, 31  
Parque Tecnológico Aeroespacial  
Aerópolis (41300) La Rinconada  
Sevilla

### MADRID

Parque Empresarial La Carpetania  
Edificio Charmex  
C/ Miguel Faraday, 20  
(28906) Getafe - Madrid

### BARCELONA

Aeropuerto de Barcelona-El Prat  
Bloque Técnico, 1º Planta Of. 57  
(08820) El Prat del Llobregat  
Barcelona

### UNITED KINGDOM

CHESTER  
Unit 8  
Europa Court  
Dee View Boulevard  
CH1 4NP

### GERMANY

HAMBURG  
Hein-Saß-Weg 24  
21129 Hamburg

### FRANCE

TOULOUSE  
In situ Business Center  
Batiment Socra  
17 Av Didier Daurat  
31700 Blagnac

## LATIN AMERICA

### COLOMBIA

BOGOTA  
C/ 93B, numero 19-35  
Oficina 201  
(110221) Bogotá D.C.

### PERU

LIMA  
Avda. Ricardo Palma 341  
Oficina 304 (15074)  
Distrito de Miraflores

## MIDDLE EAST

### UNITED ARAB EMIRATES

ABU DHABI  
P.O. Box 2313, Business Centre-01  
Abu Dhabi Airports Free Zone

## NORTH AMERICA

### UNITED STATES

DELAWARE  
2711 Centerville Rd. Ste. 400  
Wilmington DE 19808  
New Castle County

