



CONSULTANCY



AIRPORT REGIONS COUNCIL

ARC

Airport Regions Council (ARC), founded in 1994, is the Association of regional and local authorities with an airport situated within or near their territories. Our members represent more than 70 million residents all over Europe and beyond.

ARC brings together a wide range of expertise at the interface of air transport and airports, and local and regional administrations. A common concern is to promote and to balance at the same time the benefits generated by the airports (revenues, jobs, transport network...) and their environmental impact (noise, air quality, urban limitations). A balance that can only be reached with the establishment of a direct and honest relationship between the local and regional administrations and the airport authorities, supported by a shared common vision and with best practice proposals.

OUR VISION is to bring together a region and an airport and to facilitate their interaction and co-operation on all levels, ranging from governance, economy, environment, urban planning and mobility. Their collaboration will further help to improve residents' quality of life, to avoid, prevent, minimise and compensate the negative impact of airport activities. It will also provide its members with tools and knowledge to plan, invest, share and maximise the benefits of the aviation sector.

OUR MISSION is to communicate and disseminate airport regions' interests towards the European institutions and key airport and aviation stakeholders. We maintain solid relationships with several members of the European Parliament who care about the same goals and share the same vision. ARC is also present in numerous conferences and political forums where policy is being discussed together with the main aviation stakeholders. ARC is building a professional network and a platform to foster knowledge building and sharing. ARC helps its members to be updated with the state of the art and to anticipate aviation changes by enabling fast and extensive access to research studies, EU projects, press releases, training and news on current issues.

OUR VALUES stand in our ambition to enhance the quality of life of citizens neighbouring airports, reach the lowest possible impact on the environment and achieve economic growth of airport regions, as well as care about the human factor which is inseparable from this evolution.



Erich Valentin
ARC President

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REGIONAL STRATEGY

Airport & Aviation



Why Regional Airport & Aviation Strategies?

Airport and aviation industry are up in the political agendas in many regions. Airports are critical enablers of national and international connectivity and major gateways to business and leisure visitors. In addition, airports and their surroundings often cluster business, R&D, and training activities in a variety of aviation-related fields.

Not surprisingly, citizens, industry groups and the broad business community urge governments to produce policies and projects and to take full advantage of the region's strengths in these fields, seek and exploit opportunities and address shortcomings.

What barriers hamper Airport & Aviation Strategies?

In a lot of cases, regional authorities and airports follow different logic, have different priorities, and do not have a deep knowledge of each other ecosystem, besides that they are respondents to different stakeholders. This is a challenge to constructive dialogue when both sides seem to speak different languages.

Moreover, regional governments can play a more active role in airports and aviation in all areas described below.

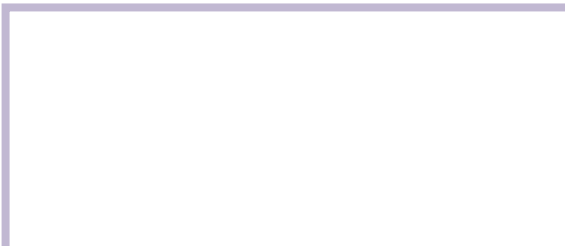
Owner / Manager

Regions may have a dominant or a minority stake in the airport management entity. Even in these cases, authorities and airport companies have different natures and purposes, which may lead to interferences, conflicts of interest, and unwise decisions.

Regulator / Governance

Regional authorities may have regulatory and governance roles in a variety of aspects relevant to airports such as:

- Land Planning and Zoning
- Land Accessibility and Public Transportation
- Training and Skills
- Customers Rights, Customer Service
- Public Safety / Industrial Safety in Landside Areas
- Pollution and Noise



Promoter

Regional authorities may invest resources in a variety of domains that are aligned with the airport's interests such as:

- Tourism promotion
- Vocational training and skills
- Air route development schemes
- Public Sector Obligations (PSO) contracts
- Business and talent attraction
- Promotion of industry clusters
- Availability of land for industrial and commercial developments

Partner

Regional authorities may eventually become partners with airports to develop strategic projects under joint-venture or PPP arrangements.



What is the situation in most airport regions?

As a general overview, it can be concluded that, except for some exceptions, most regions lack a comprehensive airport and aviation strategy. Or it may be at an early stage in its formulation, or not being transversal enough to bring together different departments and agencies.



What ARC offers?

Based on ARC's 28-year experience with more than 60 regional and local authority members, we offer technical guidance to assist regional and local governments to help them to develop their own airport & aviation strategy based on an approach guided by a strategic analysis with the evaluation of various options for the development of airport-related businesses.

The outputs of this technical guidance may include:

- The assessment of the baseline, enabling conditions, success factors, and perceived opportunities and risks for air routes development, cargo and logistics, MRO, industrial and commercial activities, grounded aircraft yards, training, and aerospace, among others.
- The identification of relevant stakeholders and engaging them in constructive thinking about airport development options to set the foundations for a Regional Airport & Aviation Strategy.
- Benchmark relevant examples to illustrate options.
- Proposal of governance arrangements and roadmap to implement the strategy.



This technical guidance can be tailor-made to adapt to particular circumstances and contexts.



ARC – AEC
KAIR.AERO
TOOLKIT

Do you want to know what is going on at your airport?

The digitalisation of aviation offers new solutions to obtain big data and convert it into valuable information. Deep and extensive knowledge can improve airport governance because stakeholders can use it to strengthen relations with airport and aviation authorities and stakeholders, mainly airports and airlines.

Therefore, Airport Regions Council and one of its more active members, Aeroports de Catalunya, are glad to present a toolkit to fulfil one of the essential needs of local and regional administrations regarding airport activities: reliable on-time information.

Toolkit in a nutshell

Kair.Aero is a dashboard that allows territories to **monitor airport operations** and **estimate carbon emissions**.

The dashboard is provided by a centralised IT platform which collects data and computes indicators.





Kair.Aero is a toolkit developed by airport experts and aimed at airport operators and territories, comprehending the complexities of management and the impacts of airport operations. The information provided is accurate and specific. It enables managers to understand causal relations and identify suitable attributes to improve decision-making processes.

What do you get?

Every day you get the following information about previous day:

Operations

- Departures and arrivals by hours
- Departures and arrivals by airlines

On-Time Performance

- Distribution of delays for a given day
- On-Time Performance by airlines
- On-Time Performance by hours

Emissions

- CO₂ and NO_x by hours
- CO₂ and NO_x by airlines

Specific arrangements can be developed on demand:

- Comparison of the number of operations for two specific periods.
- Comparison of airports' performance.



A low-angle, upward-looking photograph of several modern skyscrapers. The buildings feature various architectural styles, including glass facades and grid-like window patterns. A small airplane is visible in the sky on the left side. A semi-transparent white rectangular box is centered over the image, containing the text "ARC- SENASA Training Platform" in a light blue, sans-serif font. A solid teal triangle is located in the bottom right corner.

ARC- SENASA Training Platform

Creating a Brighter Future for Airport Regions

ARC & SENASA has committed themselves to develop the only EU training platform focused on the key aspects of the relations between airports and the territories where they are situated.

The main goal is to provide both sides – territorial administration and airport authorities – with the knowledge-based best practices to promote direct and prosperous relations.



Mobility Around Airports

Territories & Airports:

General Overview of their Relations

These courses have been developed by Sergi Alegre. Ph Dr, currently Director General of Airport Regions Council. He started being actively involved in the relationships between airports and local/regional administrations as he was for 27 years Vice Mayor of El Prat, the city that hosts the airport of Barcelona. Since then he has taken part as speaker in the main events linked to these items in Europe, America and China. He has been too coordinator of some studies focused in the field and participated in different EU projects about airports and territories matters.

European Funding: How to Secure and Manage EU projects

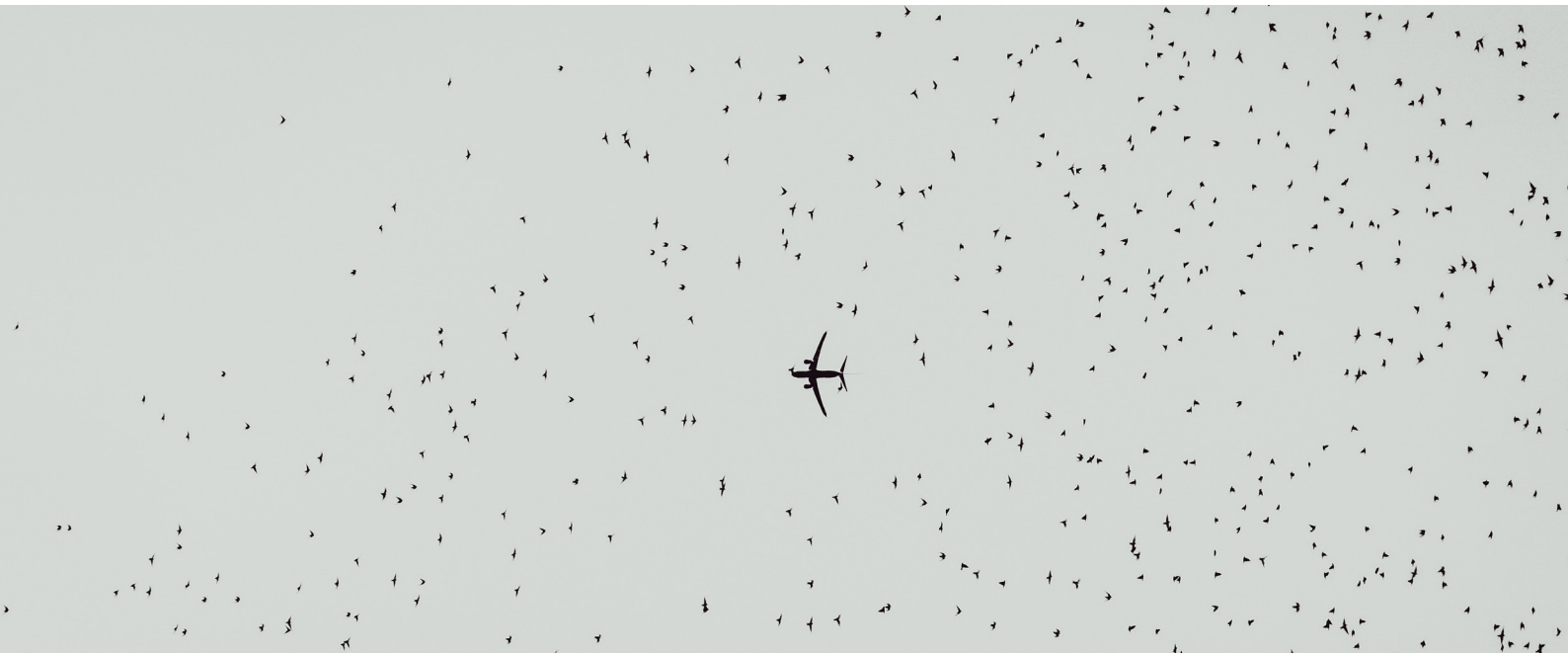
The course has been developed by Alexandra Covrig, Senior Project Manager at Airport Regions Council. Alexandra leads the development and implementation of EU-funded projects. She supports projects on key areas, such as economic growth, territorial branding, economic impact, aviation noise and emissions, training and employment in airport regions, congestion and airport capacity, land use and airport expansion, intermodality, surface access, connectivity, decarbonisation of airport areas. Alexandra holds a joint Master's degree in Communication Science and European Studies. She also received specialised training from the College of Europe in EU project management.

Security incidents Root Cause Analysis

The course has been developed by Francisco Moreno, Aeronautical Engineer by the Universidad Politécnica of Madrid; senior EASA aviation consultant and instructor, he is an specialist in Safety Management Systems. As the Director of Ommeron Aeronáutica, he manages the Ommeron Academy training programme, being as well an accredited instructor and evaluator within the ICAO Safety Management for Practitioners training programme.

Wildlife Hazard Management

This training course has been developed by Maximiliano Gutiérrez Contreras, Gema Victoria Orgaz Romero, Alfonso Herrera Bachiller and Unai Fuente Gómez. With extensive and varied personal experiences in biology and engineering, they currently make up the SEN-ASA's team of biologists advising the Spanish Civil Aviation Safety and Security Agency on issues related to the risks for aviation associated with wildlife. In addition to carrying out their tasks as Airport Inspectors, they have participated in the celebration of the National Wildlife Committees, in specific Working Groups on vultures and pigeon keeping activities, in the elaboration of the Wildlife Map of interest to Aviation and in the update of Doc 9137. Airport Services Manual Part 3 - Wildlife Hazard Management. Fifth Edition, 2020.





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