

# Ready to take off

Business Line  
**Airports**







# We are a global network of smart minds

**Providing cutting-edge  
solutions in complex  
design and engineering**

## **Offices**

Aarau  
Abu Dhabi  
Ankara  
Basel  
Bergen  
Brescia  
Buenos Aires  
Cairo  
Chambéry  
Chur  
Dubai  
Fribourg  
Grono  
Ilanz  
Innsbruck  
Istanbul  
Kathmandu  
Locarno  
La Paz  
Latina  
Lausanne  
Lima  
Lisbon  
Lomazzo  
Louisville  
Lugano  
Melbourne  
Milan  
Modi'in  
New Delhi  
Oslo  
Paris  
Pittsburgh  
Quito  
Rapperswil-Jona  
Riyadh  
Rome  
Roveredo  
Santiago  
São Paulo  
Sion  
St. Moritz  
Sydney  
Tirana  
Trento  
Tunis  
Turin  
Vienna  
Visp  
Washington DC  
Zurich





Airports are vital to global connectivity, driving economic growth and international collaboration. As the world evolves, so must airports.

ARX leads this change by designing future-ready airport infrastructures with advanced technology, sustainability, and global insight.

Our goal: to create smarter, greener, and more resilient airports that connect people, goods, and ideas worldwide.



# Connecting people & goods across the globe





In the Image  
New Passenger Terminal, Billund Airport

Key Data  
New 40,000 m<sup>2</sup> terminal designed  
to accommodate 3.5 million  
passengers a year.

Country  
Denmark

Client  
Billund Airport

Time frame  
2002

CHF 178 mln turnover

International footprint  
in over 70 countries

More than 30 years in Airport planning  
and Development

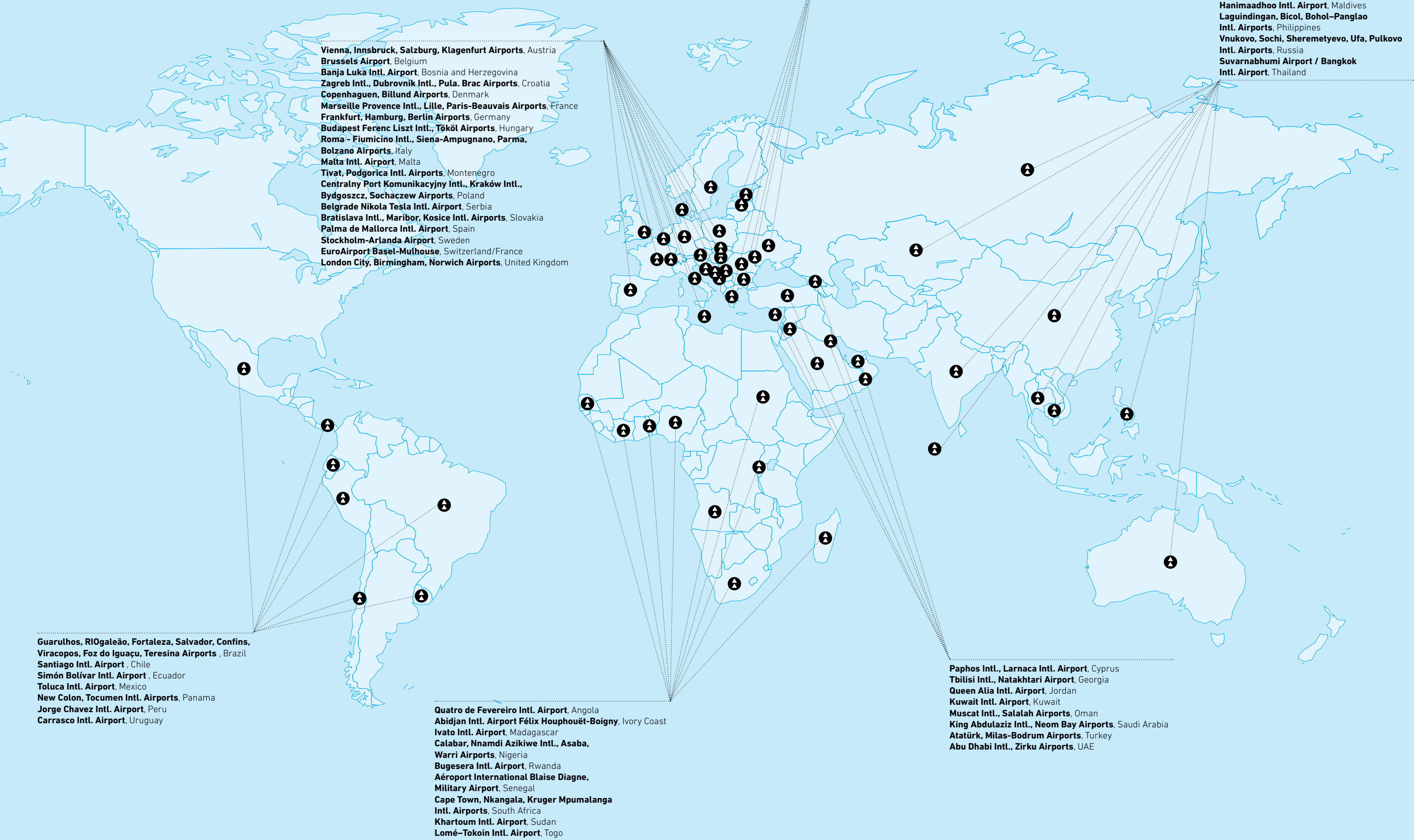
# Facts

More than 120 Airport Transactions

**Swiss Roots & Global Presence**  
Headquartered in Switzerland, with offices in 25 countries across Europe, Asia, the Americas, Africa, Oceania, and the Middle East, our global reach brings diverse expertise and a broad perspective to every project. Our deep understanding of various regulatory environments, cultural nuances, and market conditions positions us as a trusted partner for airport developments worldwide.

More than 400 Airport Consulting Projects

# Shaping Tomorrow's Airports





In the Image  
Boryspil International Airport

**Key data**  
Since 1992, we have enjoyed a long-standing partnership with Boryspil International Airport, one of Ukraine's key aviation hubs. Over the years, we've contributed to its strategic growth through master plans, traffic forecasts, business plans, commercial facility organization, and hub development concepts. A key milestone was the 2004 national master plan update, positioning the airport as a regional leader. This plan was revisited in 2008 to integrate new airport areas and long-term traffic forecasts, and again in 2017 to focus on future hub development. In 2019, we delivered a comprehensive terminal development evaluation, including phased expansions for Terminals D, F, and the proposed Terminal "X." Our partnership with Boryspil, spanning more than two decades, underscores our commitment to driving the airport's growth and meeting evolving aviation challenges.

**Country**  
Ukraine

**Client**  
State Enterprise Boryspil International Airport

**Time frame**  
1992 – 2019



# Our expertise

We provide integrated airport development solutions, combining decades of experience with innovation to address modern challenges and opportunities. The range of services ARX offers spans the entire airport lifecycle, from strategic planning and transaction advisory to detailed design and construction management, delivering efficient and reliable solutions for airports worldwide.

## Strategic Planning

- Master Plans:** Airport layouts for space utilization and growth.
- Traffic Forecasts:** Annual, peak hour, and design day projections.
- Feasibility Studies:** Market, financial, and technical assessments.
- Commercial Planning:** Strategies for retail, airline marketing, and revenue generation.

## Transaction Services

- PPP & Privatization:** Structuring and negotiating partnerships.
- Due Diligence:** Risk, opportunity, and asset value identification.
- Bidding Support:** Strategy and negotiation
- Lender's Advisor:** Feasibility, financial stability, and risk management guidance.

## Airport Design & Engineering

- Infrastructure:** Design of runways, taxiways, aprons, terminals, and specialized facilities (cargo, MRO, vertiports).
- Capacity & Facility Planning:** Airside capacity calculations and terminal sizing.
- Systems Integration:** Coordinating baggage handling and jet bridges.
- Pavement Engineering:** Advanced design for airfield pavements.
- Simulations:** Optimizing pedestrian, aircraft, and traffic flows.
- Terminal Engineering:** Architectural, MEP and structural services.
- Financial Planning:** CAPEX/OPEX analysis for sustainable growth

## Project & Construction Management

- Full Oversight:** From inception to delivery, ensuring timelines and budgets.
- On-Site Supervision:** Direct management during construction.
- Independent Engineer:** Monitoring compliance and reporting progress.
- ORAT:** Ensuring transition to full operations.

## Key person



**Rafael Capel**  
Head of Business Line Airports  
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### Unique Experts in Airport Development

Airport Competence GmbH, part of the ARX Group, are recognized experts in the aviation industry, with a unique track record in airport transactions (privatizations, PPPs, M&As) and consultancy.  
[airportcompetence.com](https://airportcompetence.com)





## Bugesera Intl. Airport

**New Greenfield Airport**

**Country**  
Rwanda

**Client**  
Mota Engil Africa

**Time frame**  
2016-2018

**Project Value**  
CHF 681'000'000



## Guarulhos Intl. Airport

**Master Plan and New Terminal 3**

**Country**  
Brazil

**Client**  
GRU Airport

**Time frame**  
2012-2019

**Project Value**  
CHF 200'000'000



## Aéroport de Lille

**New Terminal Expansion**

**Country**  
France

**Client**  
Eiffage Concessions

**Time frame**  
2018-2019

**Project Value**  
CHF 140'000'000

# ARXHub

ARXHub symbolizes our approach as a one-stop partner for airport development, bringing together all expertise under one roof to deliver tailored, efficient solutions across all phases of the project lifecycle. With extensive experience in delivering complex airport infrastructure, our in-house multidisciplinary experts ensure seamless coordination and innovative approaches, meeting the operational and strategic needs of the aviation industry.



## Arlanda Airport

**New Pier F and Central Terminal Building EF**

**Country**  
Sweden

**Client**  
Stockholm Arlanda Airport

**Time frame**  
1999-2006

**Construction costs**  
CHF 455'000'000



## Sofia Airport

**New Concession (Airport and Terminal)**

**Country**  
Bulgaria

**Client**  
Sofia Connect AD

**Time frame**  
2021-2022

**Project Value**  
CHF 600'000'000



## Guarulhos Intl. Airport

**Retrofit of Terminal 1 and Terminal 2**

**Country**  
Brazil

**Client**  
GRU Airport

**Time frame**  
2014-2017

**Construction costs**  
CHF 38'000'000



The project

At Blaise Diagne International Airport, ARX is at the forefront of expanding key aeronautical infrastructures to support Senegal’s growing role as a regional aviation hub. This project focuses on the design and construction management of critical infrastructures surrounding the cargo terminal and the Maintenance, Repair, and Overhaul (MRO) facility. The scope includes extensive earthworks for leveling the site, paving the way for 50,000 m<sup>2</sup> of concrete slabs in the cargo zone, 27,000 m<sup>2</sup> in the MRO area, and a new taxiway to enhance access to these facilities. The project also includes the design and implementation of associated networks, including drainage systems, water treatment systems, and a fire water retention basin specifically for the MRO hangar. Additionally, service roads surrounding the cargo and MRO areas will be developed to ensure seamless connectivity and access.

# Working in the heart of Africa

In the image:  
**MRO & Cargo Infrastructures -  
Blaise Diagne International  
Airport**

**Key data**

- Aircraft maneuvering areas (aprons for aircraft of code C and code E + taxilanes) with an approximate area of 50'000m2 for the CARGO zone and approximately 27'000m2 for the MRO zone
- Creation of a new taxiway and associated signage for access to the CARGO zone;
- Dimensioning of roads, water retention basins (storm + fire) and other networks.

**Country**  
Senegal

**Client**  
Eiffage S.n.gal / Final client AIBD

**Time frame**  
2022-2024

**Construction cost**  
USD 15'500'000

- Services**
- Design
  - Construction management



# Keep in touch

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