

# AVIALLIANCE

COMPANY PROFILE  
HIGHLIGHTS OF 2022  
AIRPORT FACTS AND FIGURES

KEY FACTS  
2022



# Onwards and upwards

AviAlliance celebrated its 25th anniversary in 2022.  
Some highlights of the 25 years:

**Multiple award winner** Athens International Airport: winner at the ACI EUROPE Best Airport Awards 2021 and at the World Routes Awards 2022\*

Düsseldorf Airport is the **most important gateway** in one of Europe's biggest metropolitan regions and strongest economic centers with more than 18 million inhabitants

San Juan Airport is the **largest and busiest Caribbean airport**, handling approximately 90 percent of all Puerto Rican passenger traffic



Nine times in a row Budapest Airport has been honored with the Skytrax World Airport Award as the **Best Airport** in Eastern Europe, most recently in 2022

Since the end of 2021, Hamburg Airport is Germany's first **carbon-neutral airport**. Athens International and Budapest Airport have already achieved this goal several years running

\*in the respective airport category in terms of passenger volume



## Foreword

Dear Readers,

I am glad to be able to report that passenger figures at the airports in which we have a stake recovered significantly in 2022 to reach a total of 72.4 million. The upswing began in spring, when most of the pandemic-related travel restrictions were lifted, and continued in the summer and thereafter. This was despite geopolitical upheavals, worsening macroeconomic conditions, rising airline ticket prices and the fact that the COVID-19 pandemic had still not been fully overcome. This development shows that mobility is seen as vital and that the desire to travel remains strong.

The airports in our portfolio work continuously to make passengers' stay more and more pleasant and comfortable. And these efforts pay off: in 2022, for example, Budapest Airport won the title "Best Airport in Eastern Europe" for the ninth time in succession at the prestigious Skytrax World Airport Awards, while Düsseldorf Airport received the award for "Best Regional Airport in Europe".

As well as passenger comfort and convenience, AviAlliance focuses on the sustainable development of airport operations.

We actively support the airports in our portfolio in their commitment to minimizing the impact of airport operations on the environment and contributing to the shared goal of climate-neutral air transport. These efforts are having an impact: in 2022, our airports in Athens, Budapest and Hamburg were again certified at the "3+" (Neutrality) level of the Airport Carbon Accreditation program. Düsseldorf Airport was again certified at the third level (Optimization). Established by the industry association Airports Council International (ACI), the program is the only institutionally recognized one worldwide that assesses airports' CO<sub>2</sub> emissions.

More information and interesting news about AviAlliance and its portfolio airports can be found on the following pages. I wish you an enjoyable read.

Cordially yours,

Gerhard Schroeder

Düsseldorf, December 2023



## AviAlliance

is one of the world's leading private industrial airport investors. The company participates in airport privatizations worldwide and acquires concessions. AviAlliance is distinguished by its combination of strategic airport management, customized project development, and comprehensive investment services. This enables the company to realistically assess the opportunities of a substantial, long-term capital investment in this sector, control related risks, and successfully ensure value enhancement with a carefully elaborated investment strategy.

## Portfolio

Airports are attractive assets that provide stable returns. Privatizations and airport investments are therefore an attractive opportunity for investors. AviAlliance recognized the potential of the aviation market at an early stage, and systematically built up a complementary, balanced portfolio of airport holdings. As of the end of 2022, the company held shares in the airports of Athens, Budapest, Düsseldorf, Hamburg, and San Juan.

Public acceptance of an airport in the region plays an essential role in its economic success. Against this background, AviAlliance has a clear policy of responsible environmental management, and uses natural resources sparingly in the development, expansion, and operation of its airports. Compliance with international standards and seeking a dialog with residents and local partners are an integral part of every project.

## Expertise

Airport management is becoming increasingly complex, which poses major challenges for operators. Competent support is helpful in coping with such demands. At the same time, properly managed airports make attractive investments. With its unique expertise, AviAlliance has already established a strong position in this market. AviAlliance is a committed, long-term partner for public institutions and financial investors in privatization projects throughout each airport's entire value chain.

AviAlliance was founded in 1997, when international construction services provider HOCHTIEF consolidated its entire airport management activities into an independent corporate division. Since 2013, the company is a subsidiary of PSP Investments, Canada. PSP Investments is one of Canada's largest pension investment managers, with 243.7 billion CAD in net assets under management as of 31 March 2023.

B 29-30



## JANUARY 01

### Düsseldorf Airport champions electricity from renewable sources

Düsseldorf Airport uses only environment-friendly electricity. The 64 percent of total supply which is purchased externally comes entirely from renewable energy sources such as solar, wind or waterpower. The additional electricity required is generated by the airport itself in an ecologically positive way: in two modern combined heat and power plants and by means of photovoltaic systems. The complete switch to electricity from renewable energy sources means that the airport saves around 10,000 tons of CO<sub>2</sub> annually. In addition, as part of its climate protection strategy, the airport focuses in particular on reducing the consumption of raw materials and energy, the avoidance, recycling and environment-friendly disposal of waste, and the use of renewable resources.

## 02 FEBRUARY

### Declaration signed on decarbonizing aviation

The signing of the "Toulouse Declaration" on 4 February 2022 represents an important commitment to decarbonize aviation in Europe. For the first time, European governments, the European Commission, the aviation industry and other key stakeholders have formally agreed to decarbonize air transport by 2050. Airports belonging to the industry association ACI EUROPE, including airports in which AviAlliance is involved, have played a decisive role in promoting this initiative.

The Merzse Marsh is home to numerous endangered species of animals and plants.



### Budapest Airport supports wetlands restoration

Budapest Airport has donated 26,000 euros to support renaturation efforts aimed at saving the Merzse Marsh, which is located in a nature reserve in the immediate vicinity of the airport. The marsh faces an acute shortage of water, which endangers the unique biodiversity of the last remaining wetland area that was once so characteristic of the Pest side of the Hungarian capital. The support is part of Budapest Airport's strategy, which, in addition to its intensive efforts to make its own operations sustainable and reduce the resulting emissions, is also committed to protecting local natural resources.

## MARCH 03

## WAR IN UKRAINE

With the outbreak of Russia's war on Ukraine, Budapest Airport becomes an important transit point for travelers to and from there: Many foreign students from Ukrainian universities have been using Budapest Airport as a starting point to return home. In addition, many Ukrainian citizens stuck abroad and unable to fly home as a result of the closed airspace have been arriving at the airport. With the help of many volunteers, the airport is ensuring that these travelers are well taken care of during their stay at the airport, for instance by providing food and beverages.

To support relief efforts in Ukraine, AviAlliance is participating in the "Ukraine Crisis Airport Response" fundraising campaign

launched by ACI EUROPE (Airports Council International Europe) in cooperation with the aid initiative Airlink. Airlink is a non-profit humanitarian logistics enterprise that, among other things, provides low-cost or free flights and air transport for aid organizations to get helpers and relief supplies to where they are needed.

The war is also affecting aviation as a whole: The closing of airspace over Ukraine and Moldova and flight restrictions over Russia mean that flights to and from Ukraine and Russia are no longer possible. In addition, the war is causing a sharp rise in energy prices, which among other things makes air travel more expensive.



Biometric face recognition at Hamburg Airport.

### Improved travel comfort for passengers at Hamburg Airport

Passengers of Austrian, SWISS and Lufthansa who register for the service can pass through the central security checkpoint and board at designated gates at Hamburg Airport contactless and without a boarding pass or smartphone. After Frankfurt, Munich and Vienna, Hamburg Airport is the fourth airport to introduce "Star Alliance Biometrics". The aim is to provide passengers with a seamless travel experience.

### Project to improve mobility services at Düsseldorf Airport receives funding

The Ministry of Transport of the federal state of North Rhine-Westphalia is earmarking 547,000 euros to fund the development of a SkyTrain Data Space to improve public transport services. Together with the Ferdinand Steinbeis Institute (FSTI), Düsseldorf Airport is developing an AI-based learning architecture that is intended, among other things, to increase the sustainability and cost-effectiveness of SkyTrain operations. For instance, artificial intelligence enables departure times and the frequency of the SkyTrain to be adapted to demand.

### Hamburg Airport supports start-ups

The City of Hamburg has launched a program to promote creative ideas – and Hamburg Airport is participating by making retail premises available to popup stores. The program is geared to giving traders and creatives an affordable stage for their products or ideas and making good use of temporarily vacant space.

The Hamburg-based company Deltabag makes products from the sails of disused kites.



# APRIL 04



### Budapest Airport rated as outstanding employer

Budapest Airport has once again received gold certification from the British organization Investors in People. Its employer rating highlights the fact that Budapest Airport employees are proud of their workplace and particularly appreciate the importance the company attaches to the well-being and safety of its workforce.

Insight into the world of work at the airport on Girls' Day.



### Girls' Day 2022 at Düsseldorf Airport

Girls' Day is a nationwide day of action for career orientation where schoolgirls get to know professions in which relatively few women have worked up to now. Düsseldorf Airport has once again taken part in this initiative and given around 50 girls from a Düsseldorf secondary school the opportunity to get to know the various kinds of jobs at Düsseldorf Airport.

### More efficient processes at Athens International Airport

A new IT solution streamlines processes at Athens International Airport: Using the airport management tool from aviation IT specialist SITA, data can be exchanged quickly and easily between the airport and airlines, authorities and air traffic control via the Airport Operating Database (AOD). This permits more efficient planning of airport operations, for instance by enabling staff and equipment to be deployed more quickly to where they are needed most. In addition, screens installed in the terminals provide passengers with answers to frequently asked questions, such as walking times to each gate.

### Budapest Airport advances e-mobility

With a plan to install 176 e-charging stations, Budapest Airport is set to steadily expand the infrastructure for electric vehicles on the airport premises over the next three years. So far, the airport has already installed 31 charging stations for the electric vehicles of the ground handling companies and for other airport vehicles and the service vehicles of partner companies operating at the airport. The charging stations are financed partly by EU funds and partly from the airport's own resources.

## 05 MAY

### Sustainability in focus at Athens International Airport

Under the title "Growing Sustainably Together", Athens International Airport provides a forum for tourism experts and politicians to discuss a sustainable orientation for tourism in Greece and to develop joint initiatives. Athens International Airport is committed to the sustainable development not only of the airport itself, but of tourism as a whole.



Sofia Zacharaki, Greek Deputy Minister of Tourism, emphasizes the importance of synergies to address the challenges of climate change for tourism.



Thanks to the support of AviAlliance and Budapest Airport, new benches could be purchased for a public park.

### AviAlliance and Budapest Airport support airport neighborhood

Budapest Airport takes its social responsibility seriously, for instance by supporting communities and residents in the vicinity. In recent years, the airport has supported numerous local institutions, kindergartens and schools. Together with AviAlliance, the airport recently facilitated the purchase of benches and playground equipment for a public park. In addition, the airport has helped finance the renovation of schools in the neighborhood, especially in the field of replacing and insulating windows.

### "Kiss-and-Fly" at Hamburg Airport

To make traffic on the departure level smoother and safer, Hamburg Airport has opened a new "Kiss-and-Fly" short-stop zone. It gives anyone just wanting to drop off friends or relatives in front of the terminals ten minutes free of charge for farewells. A second zone is reserved for commercial passenger transport such as taxis.

The new short-stop zone makes traffic on the departure level flow more smoothly.





Electromobility plays a significant role in the airport's sustainability strategy.

# 06

## JUNE

### **Athens International Airport highly commended**

At the ACI Europe Best Airport Awards in the category of airports with 25-40 million passengers, Athens International Airport has been highly commended for its resilience in coping with the pandemic crisis and for investing in the construction of a photovoltaic park to realize its Net Zero strategy. The airport has set itself the goal of being net zero as early as 2025 and generating all of the airport's electricity needs entirely from on-site photovoltaics.

### **Budapest and Düsseldorf airports honored**

At the renowned Skytrax World Airport Awards, Budapest Airport was named "Best Airport in Eastern Europe" for the ninth time in a row. Düsseldorf Airport was the winner in the category "Best Regional Airport in Europe". The winners of the Skytrax Awards are selected on the basis of independent customer satisfaction surveys at airports around the world. Service-relevant criteria such as transport connections, the friendliness of service personnel, waiting times at security checks, shopping facilities and prices for food and drinks at the airport are assessed.



The Budapest Airport team is delighted to receive its ninth Skytrax Award in succession.

### **New technologies introduced to expedite processing at San Juan Airport**

The Transportation Security Administration (TSA) has introduced new technologies at San Juan Airport in Puerto Rico to speed up the passenger flow at the security checkpoints, leading to shorter waiting times: Credential Authentication Technology displays passengers' identities and destinations, and CT scans allow items in carry-on luggage to be identified without requiring electronic devices or food to be taken out.

# 08

## AUGUST

### **Athens International Airport strengthens position as a sustainability leader**

The Greek capital's airport was the scene of an important step forward in sustainability: for the first time, Aegean Airlines planes fueled with a mixture of Sustainable Aviation Fuel (SAF) and conventional kerosene took off from the airport. Together with the Greek energy company Hellenic Petroleum and supported by other partners, the airline and the airport have thus made an important contribution to sustainable aviation. SAF, produced by the Neste company, consists entirely of waste and residual materials, such as used cooking oil and animal fat waste. This significantly reduces CO<sub>2</sub> emissions compared to fossil fuel.

# SEPTEMBER 09

## Ten years of Budapest Runway Run

On 3 September, Budapest Airport's Runway I was closed temporarily to provide a venue for the tenth Runway Run. Since the first Runway Run in 2013, a total of more than 10,000 contestants have taken part in this event. The proceeds from the entry fees traditionally go to the Hungarian charity Suhanj!, which promotes sports opportunities for people with disabilities, and to the British Anthony Nolan Foundation, which helps patients suffering from blood cancer. Over the ten years, Budapest Airport has been able to raise more than 200,000 euros for these two charities.



Altogether, 1,024 runners took part in the anniversary event.

## Budapest Airport named Cargo Hub of the year

At the prestigious Air Cargo News Awards 2022, Budapest Airport Cargo was named "Cargo Hub of the Year". This distinction is based on an evaluation by a panel of renowned experts. Cargo definitely plays a significant role at the Hungarian capital's airport. Since the 2020 opening of BUD Cargo City, a 50-million-euro investment air cargo handling complex, cargo volume has grown continuously. BUD Cargo City is now being expanded in order to increase the airport's annual cargo capacity from 250,000 tons at present to 300,000 tons.



The Cargo Hub of the Year award underlines Budapest Airport's importance in this field.



The DUSsharing hub makes Düsseldorf Airport even easier to reach as a workplace or transport hub.

## Düsseldorf Airport networks different modes of transport

With the DUSsharing hub, Düsseldorf Airport is offering travelers and commuters a new service: for the first time at a German airport they will find all mobile sharing services bundled in one place, thus enabling them to switch easily to e-scooters, e-bikes or rental cars. The DUSsharing hub is another building block of the airport as an inter-modal mobility hub that takes into account the entire journey of passengers and commuters and aims to make travelling as seamless as possible. In addition, sharing modes of transport consumes fewer resources and protects the environment.

More than 250 students took part in the Girls in Aviation Day.

**San Juan Airport supports Girls in Aviation Day**

Aerostar, the operating company of San Juan Airport – together with the non-profit organization Women in Aviation and other airport and aviation companies – provided the venue for Girls in Aviation Day. This gave girls the opportunity to take a look behind the scenes of aviation and learn about the different professions that it offers. The aim of this annual day of action is to inspire girls to pursue careers in aviation and aerospace.



The award honors Athens International Airport's intensive airline marketing activities.

10



OCTOBER

**Athens International Airport wins World Routes Marketing Award**

In recognition of its outstanding airline marketing services, Athens International Airport was named winner in the category of airports with ten to 17.5 million passengers at the World Routes Marketing Awards 2022. Voted by the airlines themselves, Athens International Airport was commended for the impressive growth of passenger traffic, and the airport's route network recovery and restoration of connectivity.

**Hamburg Airport steps up convenience for passengers**

Condor has now joined the list of airlines at Hamburg Airport offering passengers the option of checking in their own baggage quickly and conveniently at one of the 30 self-bag-drop kiosks. This addition means that passengers of a total of eleven airlines – representing two-thirds of all the airport's passengers – can now take advantage of this service. Checking in baggage in this way is fast and easy: scan the boarding pass, place the case or bag on the conveyor belt and print the tag. On average this takes just 60 seconds.



The service has been well received: it is used for a quarter of all baggage.

### Hydrogen aviation lab in Hamburg

Together with Lufthansa Technik, the German Aerospace Center (DLR) and the ZAL Center for Applied Aeronautics Research, Hamburg Airport is to design and test extensive maintenance and ground processes of future hydrogen-powered aircraft in a hydrogen aviation lab. Hydrogen technology is an important building block for the climate-friendly future of flying. For Hamburg Airport, this also involves the question of just how the existing airport infrastructure has to be adapted and expanded.



A decommissioned Airbus A320 serves as a real-world laboratory for testing the use of hydrogen in aviation.

### Logistics giant FedEx inaugurates new cold-room at San Juan Airport

The US courier and logistics services provider FedEx has inaugurated a new state-of-the-art temperature-controlled cold-room with a surface area of 3,980 square meters at San Juan Airport. The cold-room, which meets the highest industry standards, is optimized for shipping pharmaceutical products and so plays a significant role for the pharmaceutical industry, which is one of the largest and most important economic sectors in Puerto Rico.

### Budapest Airport receives environment award

Budapest Airport's Greenairport program was awarded second place in the Green Balance category of the "Effect 2030 – Community Investment Awards". The award is given to Hungarian companies for exemplary and effective investments in the fields of the environment and social issues. The Greenairport program is geared to cooperation with other businesses at the airport with the aim of reducing Budapest Airport's carbon footprint. This is achieved by lowering energy consumption through creating opportunities for the use of renewable energy, expanding e-mobility, reducing water consumption, phasing out single-use plastic and ensuring responsible waste disposal.

# 11 NOVEMBER

### Budapest Airport launches tree planting program

Budapest Airport employees joined forces with Forest Savers, an organization that works to protect woodlands and wildlife, to plant 500 trees in the Börzsöny Mountains of northern Hungary. Sessile oak, turkey oak and wild fruit trees were planted on fallow land in the Törökmező Forest area. The reforestation will help to protect the soil, which is becoming increasingly barren and infertile as a result of climate change. The project is to be continued with the planting of more trees.



Budapest Airport employees helped to plant 500 seedlings.

### AviAlliance and Hamburg Airport honor neighborhood projects

A total of 71 projects from within the Hamburg Metropolitan Region were entered for the fourth Hamburg Airport Neighborhood Award in the three categories Society and Social Affairs, Culture and Sport, and Sustainability and Environment. Altogether, twelve projects were awarded prize money totaling 12,000 euros. In the Culture and Sport category, the prize money was donated by AviAlliance. The winner of the first jury prize in this category was the wheelchair handball team of the Hamburg club Freiwurf, which plans to use the prize money to purchase specially designed sports wheelchairs.

# 12 DECEMBER

## San Juan Airport posts another passenger record

The number of passengers at San Juan Airport exceeded ten million for the first time since 2006, reaching a total of 10.3 million. This reflects the ongoing strong demand for flights to Puerto Rico. Athens International Airport welcomed 22.7 million passengers in 2022, Budapest Airport 12.2 million, Düsseldorf Airport 16.1 million and Hamburg Airport 11.1 million.



Jorge Hernández, President of Aerostar (third from left), welcoming San Juan Airport's 10 millionth passenger.



The new consortium agreement helps the airport to make itself fit for the future.

## Düsseldorf Airport shareholders pledge ongoing cooperation

On 19 December, the three Düsseldorf Airport shareholders – Düsseldorf as federal state capital, AviAlliance and Aer Rianta – signed a new consortium agreement to continue and further consolidate their good cooperation. In this way, the shareholders are also underlining Düsseldorf Airport's significance in helping to guarantee the economic development of the entire region and in meeting the mobility needs of the 18 million people in the catchment area. In addition to further development and expansion of the airport in line with demand and requirements, there are plans to go on improving the quality of stay for passengers.

## AviAlliance's European airports again receive Airport Carbon Accreditation

The airports in Athens, Budapest and Hamburg have again been awarded the ACI "3+" rating for carbon neutrality. Düsseldorf Airport is again certified at the third level (Optimization). Launched by industry association Airports Council International (ACI), Airport Carbon Accreditation is the only institutionally recognized program that assesses airports' carbon emissions worldwide using a six-tier certification system. The system is based on categorizing airports in line with their emissions and on their efforts to reduce emissions in six levels from Mapping to Transition.



The winning projects were honored at a festive awards ceremony.

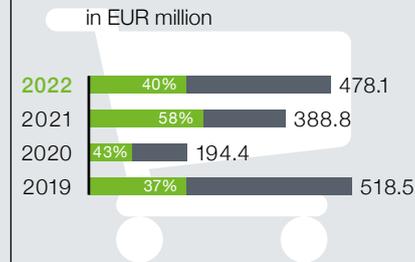
# Airport facts and figures 2022 at a glance

## STAKES APPORTIONMENT

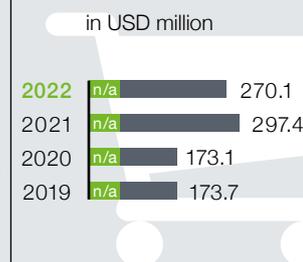
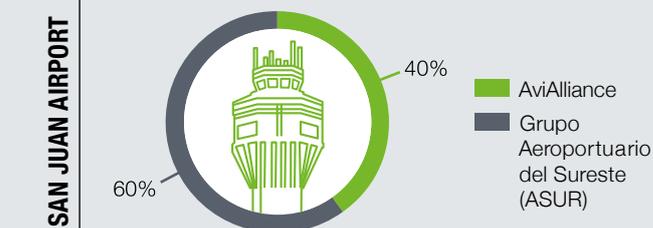
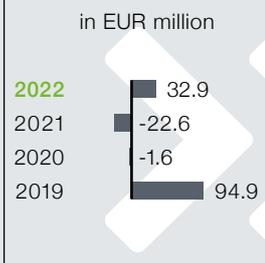
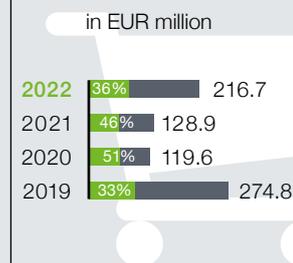
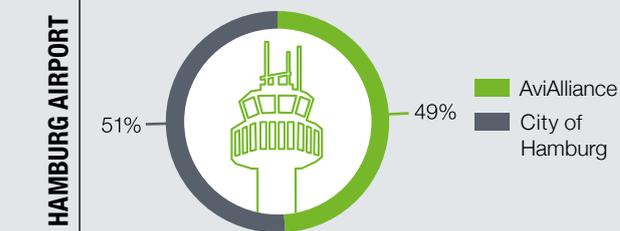
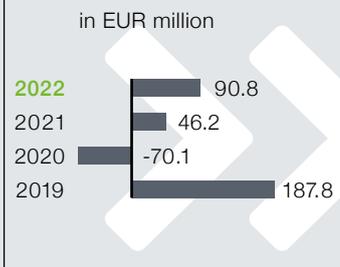
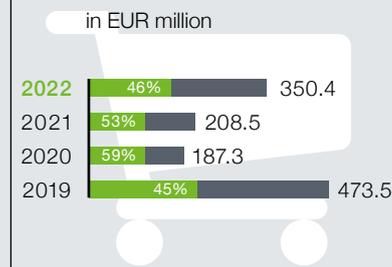
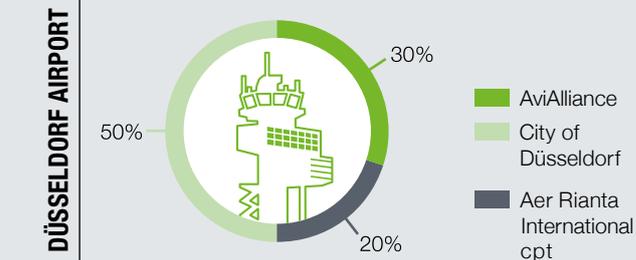
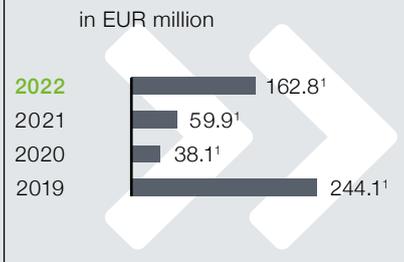
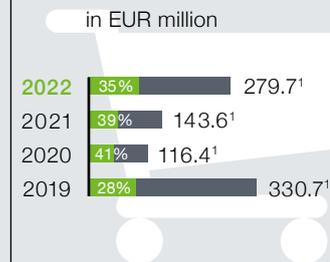
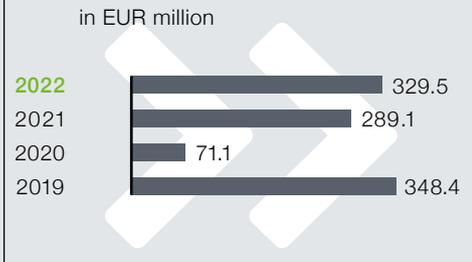


## SALES REVENUES

— OF THIS, NON-AVIATION  
in percent



## EBITDA



<sup>1</sup> Without fuel supply

As of the end of 2022, AviAlliance held stakes in five airports: Athens International Airport (Greece), Budapest Airport (Hungary), Düsseldorf Airport (Germany), Hamburg Airport (Germany), and San Juan Airport (Puerto Rico). In the course

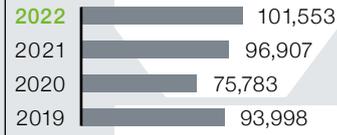
of the year, these airports together handled 72.4 million passengers. That corresponds to an increase of 81.4 percent on 2021 and a drop of 23 percent compared to the pre-pandemic year of 2019.

**PASSENGERS** in millions

**AIRCRAFT MOVEMENTS**

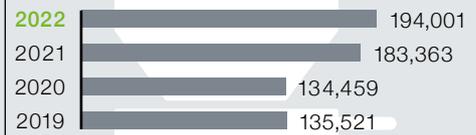
**CARGO** in tons

ATH



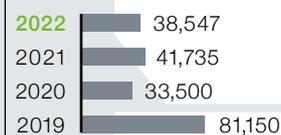
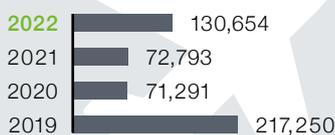
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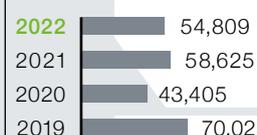
BUD

DUS



DUS

HAM



HAM

SJU



SJU



## AviAlliance GmbH

Klaus-Bungert-Str. 5  
40468 Düsseldorf  
Germany

Tel.: +49 211 20540-200  
Fax: +49 211 20540-202

info@avialliance.com  
www.avialliance.com

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