



- 1 . How we help
- 2 . Consulting & Advisory
- Design & engineering
- Operations & maintenance
- **5** Sustainable futures



2023 key figures for aviation

€81.2million

2023 TURNOVER

24%

Airport Operations & Management





2023 turnover 🙊

France ______ 27 9

Europe & Africa 36

Middle East & South Asia ———— 31 %

Americas & Pacific 7

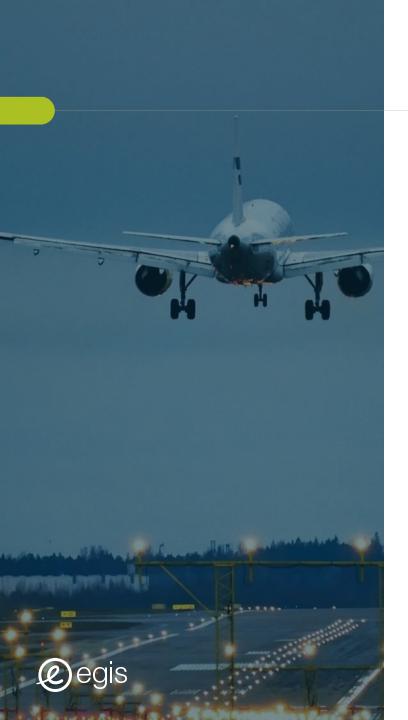
WORKING WITH

+70 +80
ANSPS
& INSTITUTIONS

55 %
YEARS
OF EXPERIENCE

20
AIRPORTS
WHERE EGIS IS
SHAREHOLDER
OR PARTNER IN
OPERATIONS

1,700
AVIATION
STAFF
WORLDWIDE



A leader in optimising airport performance



Bringing projects to life at every stage

From business strategy, to performance, through planning, designing, operating and maintaining sustainable infrastructures.



Demonstrated expertise

55 years' experience delivering airport projects across the globe. We have local aviation teams in France, the UK, the Middle East, India, Asia and Latin America; with new and growing teams in Australia and New Zealand.





More than airport experts

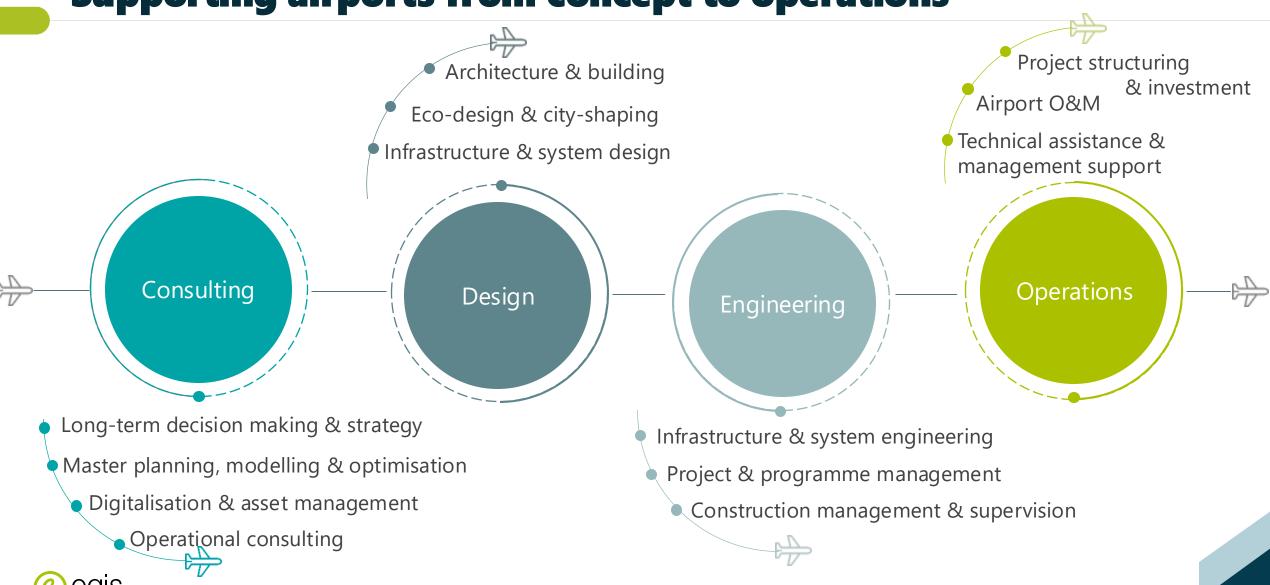
As recognised experts in air traffic management, clients trust that the solutions we provide consider the entire airport operational environment, from ground to air.



Unique understanding of the airport environment

Architects, consultants and engineers, also operating award-winning airports for more than 30 years.

Supporting airports from concept to operations



Delivering end-to-end services

LONG-TERM DECISION-MAKING & STRATEGY

MASTER PLANNING, MODELLING & OPTIMISATION

- Strategic, economic and business planning
- Change management
- Sustainability management planning, roadmap to Net Zero, environmental & noise impact
- Advisory for PPP structuring
- Airport, airside & terminal planning
- Capacity assessment, modelling & simulation
- Safety & security

DIGITALISATION & ASSET MANAGEMENT

OPERATIONAL CONSULTING

- End-to-end digitalisation services
- Integration of technology and data-driven solutions
- Strategic & technical asset management
- Cyber security
- ORAT planning, consulting & implementation
- Operational excellence
- CAPEX and OPEX
- Risk management & certification
- Non-aeronautical revenues

AIRPORT DESIGN

- Architectural design
- Building & infrastructure
- Airspace design
- System design

ENGINEERING

PROJECT & PROGRAMME MANAGEMENT

- Infrastructure, acoustics, noise & energy
- Equipment & systems
- Support to procurement
- Project and programme management (PMC/PMO)
- Construction management & works supervision

AIRPORT O&M

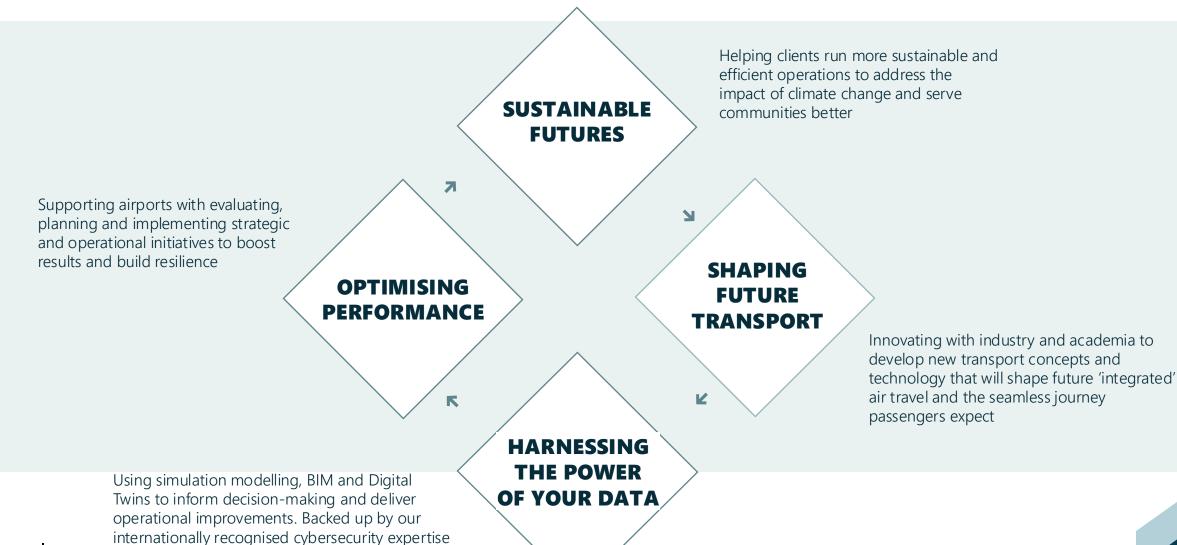
TECHNICAL ASSISTANCE & MANAGEMENT SUPPORT

- Project structuring & investment
- Operational excellence and management support
- Technical advisory
- Asset management
- Revenue optimisation & financial management
- Route development
- Safety, security & compliance
- Customer satisfaction & service quality



01. How we help

Four main challenges that we address

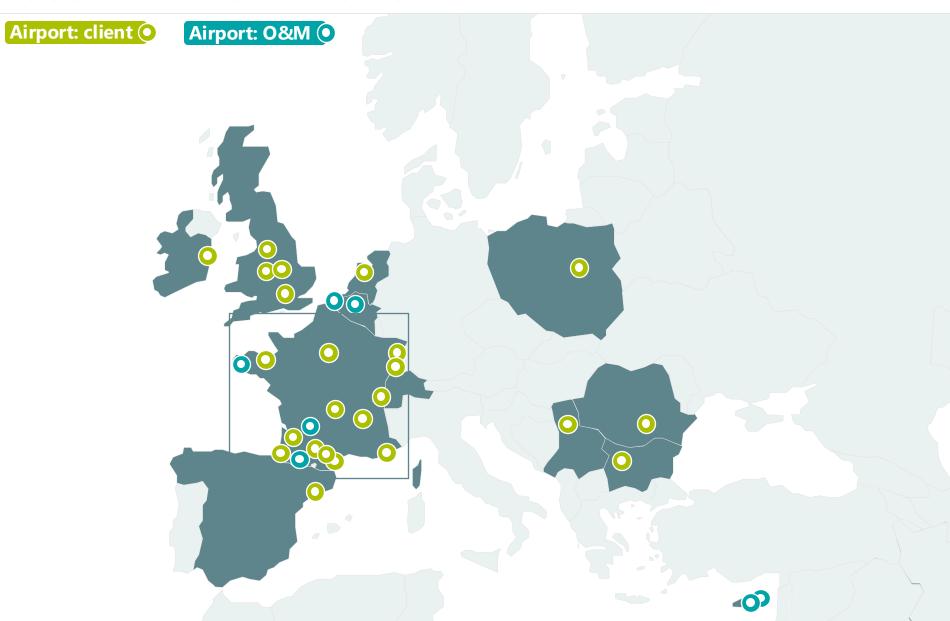




EGIS, A TRUSTED PARTNER FOR AIRPORTS WITH 80+CUSTOMERS GLOBALLY



OUR AIRPORT CUSTOMERS IN EUROPE

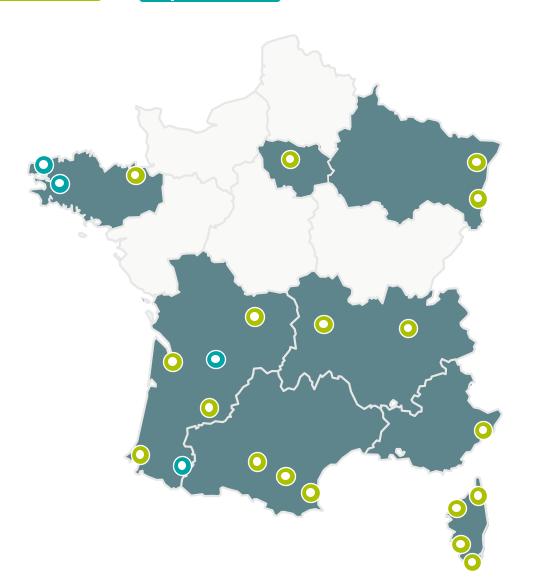




OUR AIRPORT CUSTOMERS IN MAINLAND FRANCE

Airport: client

Airport: 0&M •





20 airports, decades of management and technical advisory expertise

Key figures 2023

27.6 passengers

113,872 tonnes of freight

1,725 employees

airports

continents

countries

FRANCE

7.031,926 passengers

1.509 tonnes of freight

Passenger distribution

Beauvais: 5,637,661 Brest: 810,071 Pau: 345,603 Bergerac: 238,591



646.151 passengers 35,297 tonnes of freight

Passenger distribution

Ostend-Bruges: 386,387 Antwerp: 259,764



Jacarepaguá Campo de Marte IVORY COAST

2.331 917 passengers

24,434

tonnes of freight

Abidjan

1,324,847 passengers

CONGO

14.872 tonnes of freight

Passenger distribution

Brazzaville: 741,889 Pointe noire: 573,865 Ollombo: 9,093



2.150.480 1.195

passengers

tonnes of freight

Passenger distribution

AAKIA: 2,053,521 Pemba: 96,959



11,639,758 passengers 25.225

tonnes of freight

Passenger distribution

Larnaka: 8,074,183 Pafos: 3,565,575



2,484,612 passengers 11.340

tonnes of freight

Passenger distribution

Tahiti Faa'a: 1,669,933 Bora Bora: 374,884 Raiatea: 306,549 Rangiroa: 133,246



tangible improvements to

performance, sustainability & resilience

Long-term decision-making & strategy

Whatever the challenge, our experts develop effective strategies supported by regulatory, technical and operational know-how.

- Strategy and business planning
- Investment planning and financing
- Economic modelling and market analysis
- Change management
- Security strategy and governance roadmaps
- Sustainability management planning
- Advisory for PPP structuring



Long-term decision-making & strategy





Ireland

Dublin Airport

Consulting services for more than 10 years, providing capacity audits and analysis of investment projects





Seychelles

Abu Dhabi Airports Company / Seychelles Civil Aviation Authority

30-year plan, strategy and business case of the airport and its operations, along with long-term sustainable tourism strategy for the Seychelles





UK

Gatwick Airport

Advisor since 2016, reducing the impact of aviation noise on local communities Read more



understanding your constraints and creating opportunities

Master planning, modelling & optimisation

We have the unique ability to both deliver airport engineering projects and manage them through their lifecycle. By working with you over the long term, we help you to ensure that your assets are operationally, financially and environmentally efficient.

You benefit from the latest, relevant technological innovations as soon as they emerge.

- Site selection, feasibility studies
- Airport, airside & terminal planning
- Capacity assessment, modelling & simulation
- Environmental and noise impact studies
- Obstacle limitation surfaces
- IT Master Plans & digitalisation
- CAPEX optimisation & programme phasing
- Safety & security

Master planning, modelling & optimisation





France

Collectivité de Corse

Master plan for the development of four airports on the island of Corsica: Ajaccio, Bastia, Calvi, Figari





Saudi Arabia

Amaala Airport

Concept master plan, aeronautical study, concept and schematic design of airport infrastructure, project management.



Master planning, modelling & optimisation





Switzerland

Geneva Airport

Strategic studies for airport expansion including satellite facilities planning for 2024-2050 and potential development of other public and restricted areas





Philippines

San Miguel Corporation

Master plan review for Bulacan Airport project in Manila





Serbia

Belgrade Airport

Detailed capacity assessment based on dynamic simulation and master plan report, including environmental assessment and cost analysis, of airspace, airport airside, city-side and terminal development





Digitalisation & Asset Management

While safety and security remain top priorities for airports, there's also a focus on optimising business and operations, driven by the key role of data.

At Egis, our vision of digital transformation goes beyond technology adoption. It involves reshaping airport operations to enhance operational efficiency, environmental performance, asset management and passenger experience.

- **End-to-end digitalisation services** using the latest innovations: AI, Machine Learning, Digital Twin, IoT, real-time monitoring
- **Technology and data-driven solutions** to enhance the efficiency, monitoring, and decision-making processes
- **Cybersecurity:** from audit to implementation, via strategic roadmap
- Strategic Asset Management: developing strategies, identifying risks and mitigation measures, asset investment planning, strategic advice related to IOS 55001 implementation
- **Technical Asset Management**: practical and operational aspects of managing physical assets

Digitalisation & Asset Management





France

Groupe ADP

Project management support of airport IT systems projects across key processes: at a global level, for passengers (facial recognition, APOC hypervision), aircraft (predeparture sequencer and apron turnaround progress detection), baggage and more





France

Lyon Airport

Since 2022, framework agreement to support Aéroport de Lyon in the management of its airport IT systems projects, including modernisation of the baggage handling system in Terminal 2





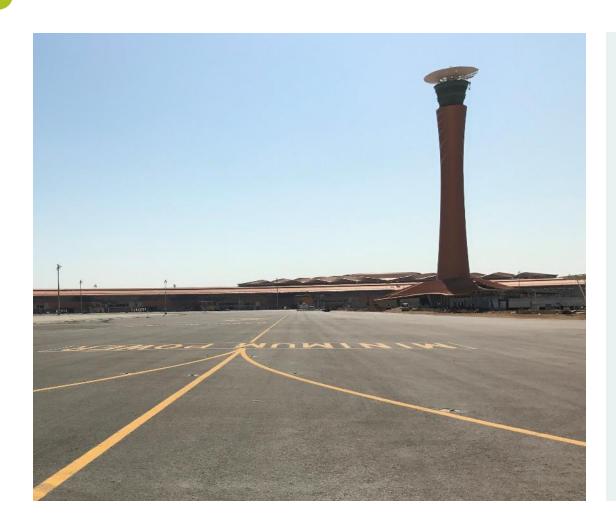
France

Toulouse-Blagnac Airport

Supporting across various projects: developing an implementation roadmap for Airport Operations Center (APOC) Information System Tools, and auditing the Baggage Handling System (BHS) to develop an upgrade strategy



Digitalisation & Asset Management





Saudi Arabia

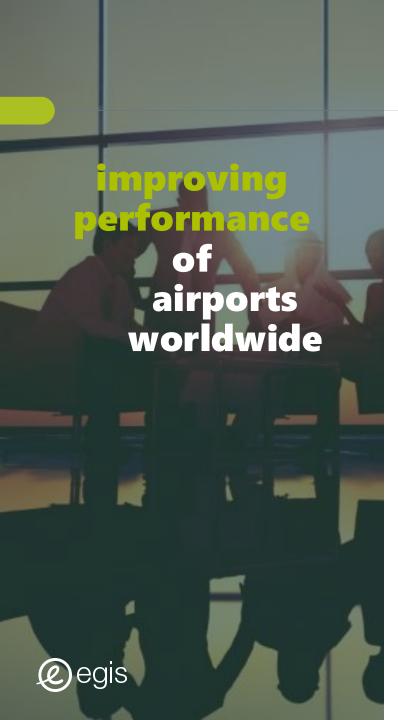
Matarat Holding Company

Asset management (AM) is one of the main streams of our three-year PMO contract to support Matarat across 26 airports in line with the country's 2030 vision.

The contract covers phased project management controls, updates to airport project management policies and procedures, technical support in several areas such as project planning, design and asset management . Also, support to Matarat with establishing an AM framework approach for all airports through gap analysis and improvement plan (aligned with ISO 55001) .

AM services include audit and ISO55001 gap analysis, AM roadmap & improvement plan, preparation of an asset condition assessment RFP for all subsidiaries, definition of AM IT tool scope and development of key ISO55001 documents.





Operational consulting

We build on our role as a world-class airport infrastructure operator and our technical and management partnerships with 20 airports on three continents to fuel our operational consulting expertise.

We work with customers and partners to improve the operational, financial and environmental performance of airports, and the experience of millions of passengers.

- ORAT planning consultancy
- Assistance for ORAT implementation
- Operational excellence and asset management
- CAPEX and OPEX optimisation and financial monitoring
- Risk management and certification
- Route development
- Non-aeronautical revenue development

Operational consulting





Panama

Tocumen Airport

Technical assistance to Operational Readiness and Airport Transfer (ORAT) for the commissioning of new T2





UAE

Dubai Airports

ORAT support, technical and operational support during the closure of the north runway, airport capacity studies and business continuity studies





Algeria

Algiers Airport

Main ORAT consultant for transition of operations to the new terminal T4





Our contributions to more sustainable airports

We combine our unique capability spanning city living, mobility, energy and industry with our 50+ years of expertise in aviation to address the sustainability challenge.

We support a triangle that balances environmental, economic and social factors through a holistic grasp, from strategy to compliance.

- **Strategy, finance & business**: sustainability roadmaps, master planning, financial incentives, climate change assessment & adaptation
- Stakeholder engagement & change management
- **Energy use** and renovation plans, deployment support of solar & wind farms, electrical charging stations, 400Hz and eGPU
- **Asset & utility optimisation**: building eco-design, carbon reduction plans, waste & water management, land use and carbon sequestration, ecological & biodiversity assessment, asset monitoring
- **Lower carbon aviation operations**, airside and landside: modelling & dashboards, emissions measurement, noise monitoring
- IT systems & data best practices
- Certifications & standards support: ISO 14001, ISO 50001 & ISO 55001, ATM and airport environmental accreditation programmes Consulting & advisory

Project highlights





Belgium Ostend-Bruges Airport

Environmental assessment and roadmap to inform short and long-term sustainability planning and investment, also leading to plans for Belgium's second-largest solar farm in 2023

Read more





Multiple projects

Development of solar farm projects, from masterplanning and feasibility studies to installation oversight at airports in Cyprus (Larnaka and Pafos) and Guadeloupe (Pointeà-Pitre)



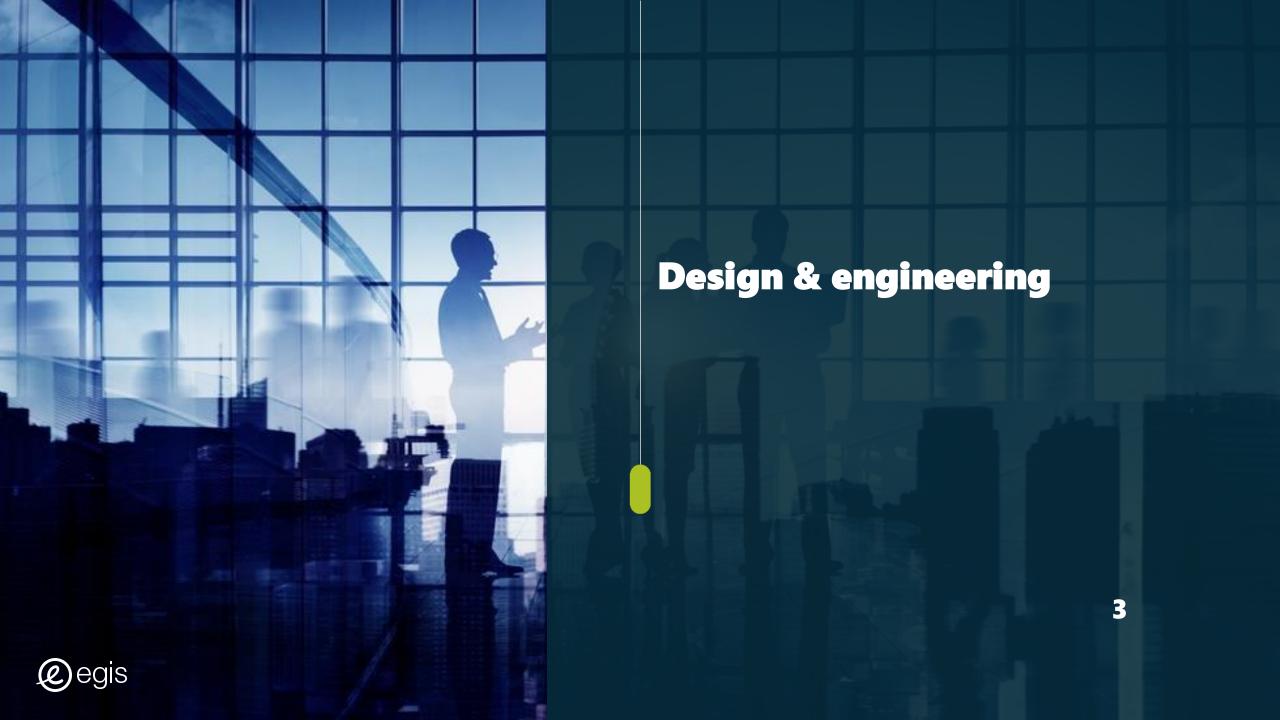


Côte d'Ivoire Abidjan Airport

Carbon sequestration project with Soil.IS, an innovative soil management and restoration solution that also focuses on restoring mangrove forests and supporting local communities

Read more







Airport design & engineering

Egis works in the most complex airport and airspace environments and develops solutions that help shape the future of aviation.

We use our consulting skills to fuel the creative process, also using our combined expertise in architecture and building design with our Egis subsidiaries 10Design, Weston Williamson + Partners, Inhabit and U+A.

- Architectural design, with over 740 architects and designers working across
 18 studios worldwide
- Building and hangar: structure, facade, MEP
- Acoustics, noise and vibrations
- Infrastructure, drainage, utilities
- Construction management & works supervision

- AGL & SAS design & implementation
- Energy use management and optimisation
- Information security system design and implementation
- BIM capabilities

Passenger terminal building design & architecture





Seychelles

Abu Dhabi Airports Company

Concept design of Seychelles Airport masterplan, applying green city principles of biodiversity, low energy and water consumption.

A project led by Egis Group architectural design practice <u>WW+P</u>





Spain

Aena / Barcelona Airport

Terminal 1 Satellite architectural building design, optimising the airport energy efficiency and reducing water consumption in the building's operations.

A project led by Egis Group architectural design practice WW+P





UK

Innovate UK

Concept design for the Project HEART (Hydrogen-Electric Automated Regional Transport) Terminal, driven by 3 pillars: environmentally sustainable, economic and inclusive.

A project led by Egis Group architectural design practice <u>WW+P</u>



Terminal building engineering





Hong Kong

Hong Kong International Airport

Technical support including shop drawings and façade consulting of Terminal 2 expansion.
Roof system BIM of third runway concourse (Architect: AEDAS)

A project led by Egis Group building design consultancy Inhabit





Australia

Perth Airport

Façade consulting of new airport terminal gates with airbridges as part of the airport's gate upgrade project.

A project led by Egis Group building design consultancy Inhabit





Oman

Muscat Airport

Façade and Building Maintenance Unit consulting, including construction support (technical reviews and site inspections) – Architect: Larsen A&CE, Cowi

A project led by Egis Group building design consultancy Inhabit



Airport facilities design & engineering





Solomon Islands

Solomon Islands Ministry of Communication & Aviation, The World Bank

Project design and supervision services of upgrades to airport infrastructure, including runway overlay, and air navigation systems at Honiara and Munda Airports (SIRAP 2 project)





China

AIRBUS SAS

Development of technical functional programme, concept design and site supervision for completion and delivery center in Tianjin





Bahrain

Bahrain Airport Company

Infrastructure master planning and BIMbased design of technical infrastructure, and construction management of a Cargo Express Area at Bahrain International Airport Read more



Aeronautical infrastructure design & engineering





Thailand

Royal Thai Navy

Design of the 2nd runway, AGL, and parallel taxiways at U-Tapao Airport.





Saudi Arabia

Riyadh King Khalid Airport

Project management consultancy services for airside projects, including the review and approval of contractors' technical deliverables relating to runways, taxiways, cargo aprons, and AGL and NAVAIDS.





France

Strasbourg Airport

Project management from complete design through to works supervision for the runway, stop ways, taxiways and apron. Similar aeronautical infrastructure works implemented at Toulouse-Blagnac, Limoges, Saint-Nazaire, Carcassonne and Pau airports in France.

Read more



Urban air mobility - Helipad & vertiport design & engineering





UAE

River Palace, Abu Dhabi

Design of two helipads to accommodate helicopters at River Palace Abu Dhabi, in compliance with local and international regulations (ICAO, FAA)



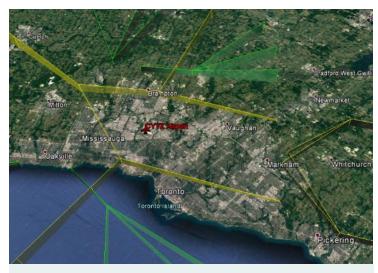


Saudi Arabia NEOM

Vertiport & heliport design, including site assessment, meteorological condition analysis, civil engineering, drainage, marking, and lighting to serve the Discovery Tower and Mountain Observatory, part of the NEOM region mobility network



ATC tower & airspace design





Canada NAVCANADA

Identifying opportunities to redesign airspace to reduce community noise exposure and improve efficiency in Toronto airspace





Vietnam

Vietnam Air Traffic Management Corporation

Leading a consortium to provide the technical design and associated cost estimates for the new Air Traffic Control Tower at new Long Thanh International airport





The Netherlands The Dutch Ministry of Infrastructure and Water Management (MINIENW)

Sensitivity analysis on possible relationships and mechanisms related to the redesign of the Schiphol TMA Read more



Equipment & systems





France

Aéroports de Lyon (ADL)

Framework agreement to support ADL in the management of its airport IT systems projects, including the modernization of the baggage handling system in Terminal 2





Serbia

Belgrade Nikola Tesla Airport

Design, procurement assistance, design reviews, testing and commissioning for special airport systems (BHS, PBB, VDGS) for the terminal extension and airport reburbishment





France

Toulouse-Blagnac Airport

Project management consultancy and works supervision of automated passenger screening system and process. Auditing the BHS to develop an upgrade strategy







Operations & Maintenance

We are a world-class airport infrastructure operator as well as the technical and management partner of 20 airports globally. For more than 30 years we have nurtured long term partnerships with owners and operators.

We help airports improve performance and set new standards for safety, innovation and sustainability while meeting the needs of passengers and communities.

- Project structuring & management
- Investment
- Airport management & operation
- Technical advisory and knowledge transfer
- Safety, security & compliance
- Sustainability roadmaps & environmental management
- Route development

- Non-aeronautical commercial development
- Revenue optimisation & financial management
- Infrastructure and real estate development
- Customer satisfaction and service quality
- Seconded executives & HR management
- Asset management

Airport operations





Belgium

Ostende-Bruges Airport

Development of freight business via the "Cargo Village" project, implementation of a strategy to develop year-round traffic, Egis Soil.is carbon sequestration project, and creation of a solar farm





French Polynesia

Tahiti-Faa'a International Airport

Improvement of the passenger experience on departure and arrival: extension of the dutyfree area in departures and renovation of the international arrivals hall





Cyprus

Larnaka International Airport

Major air- and land-side infrastructure investment, asset management, emergency exercises reinforcing airside safety and review of wildlife management plan



Technical assistance & management support





Zanzibar

Zanzibar Airports Authority

10-year support contract to the Zanzibar Airports Authority for the development and management of three airports (2021-2031): Abeid Amani Karume International Airport (AAKIA), and domestic airports Pemba and Nungwi. AAKIA is a winner of the ACI ASQ Award in 2023.



Read more





Brazil

XP Asset Management

Support to the new concessionaire for 2023, XP Asset Management, with running Brazil's two main business airports: Jacarepaguá–Roberto Marinho Airport and Campo De Marte Airport







CITIES & COMMUNITIES

"Take urgent actions to combat climate change and its impacts" "Build resilient infrastructure, promote inclusive and sustainable industry and foster innovation" "Make cities and human settlements inclusive, safe, resilient and sustainable"



Airport design, plan & build

Airport master planning for sustainability
Energy-efficient buildings design
Hydrogen energy storage solutions
Low-carbon construction materials, equipment and recycling

Reducing airside emissions

ATM optimisation for ground, terminal, approach & en-route Airspace sustainability modelling Electric vehicle charging, GPUs and PCA

Landside sustainability

Passenger flow modelling and monitoring Efficient HVAC and lighting systems Smart Grid technology and renewable energy planning





♦ Sustainability future-proofing

Climate resilience planning Sustainability policy, regulation and investment analysis Electrical charging planning and infrastructure

→ Data-driven optimisation

Airport Digital Twin data management BIM-enabled design Cyber-secure aviation

♦ Sustainability roadmaps

Airport "beyond CO2" sustainability management Assessments for ACA, ISO14001, ISO50001 and UN SDGs





[⋆] Air quality and noise

Noise-abatement procedures Acoustic impact studies Air quality monitoring and solutions

[↓] Circular economy

Nature-based land carbon sequestration Environmental impact analysis Modular on-site waste treatment Water management & reuse

♦ Smart transportation

Air-rail-road integration solutions
Multimodal transport data management
Autonomous passenger shuttles
UAM integration





