



# Panorama\_

2023

## Egis group

Egis is an international player active in the consulting, construction engineering and mobility service sectors.

We design and operate intelligent infrastructure and buildings capable of responding to the climate emergency and helping to achieve more balanced, sustainable and resilient territorial development.

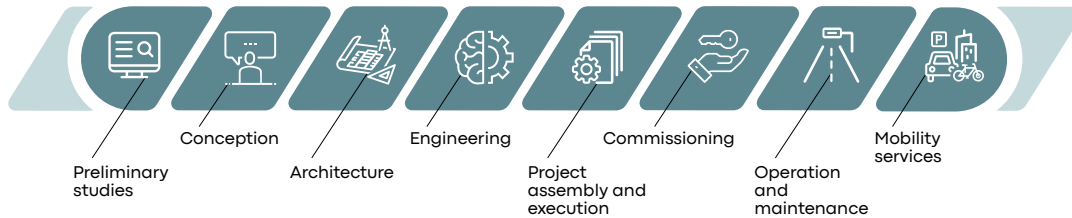
With operations in 120 countries, Egis places the expertise of its 18,000 employees at the disposal of its clients and develops cutting-edge innovation accessible to all projects.

Improving people's quality of life and supporting communities in their social and economic development, whilst drastically reducing carbon emissions and achieving vital 2050 net zero targets, that's our purpose.

# Our global offering



## Throughout the project value chain



### Mobility

#### Urban transport

- Metro
- Tram
- Bus
- Cable transport

#### Intercity and long distance transportation

- Railway
- Roads
- Aviation
- Maritime and river

#### Structures

- Tunnels
- Bridges and viaduct

### Urban and sustainable living

#### Buildings

- Shops and offices
- Health
- Sports and events
- Education, culture and administration
- Housing

#### Water and environment

- Storage, transportation and water treatment
- Protection of biodiversity
- Natural resources
- Air, odours, health
- Littoral

### Energy and industry

#### Low carbon energy

- Renewable energy
- Nuclear

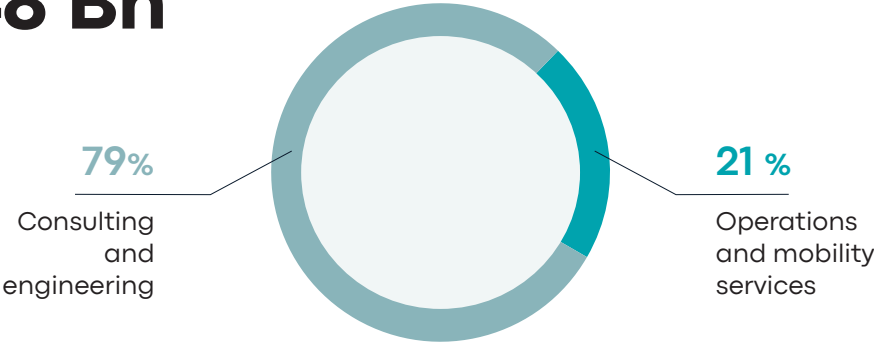
#### Industrial facilities

- Automotive
- Aeronautics
- Agrifood
- Pharmaceuticals and chemicals
- Data center
- Logistics

# Key figures

## 2022 turnover

# €1.48 Bn



## Infrastructure operation



## Performance

- #1** French engineering firm
- #8** on the transport market
- #21** in the global Engineering News Record company listings

## Shareholders



# Egis' global footprint



Permanent and fixed-term staff in Engineering

**65%**

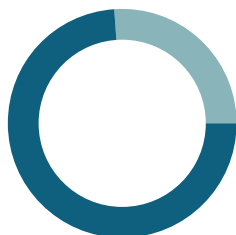
Business outside France

**18,000**

Employees worldwide

**74%**

Consulting and engineering



**26%**

Operations and mobility services

**28 acquisitions since 2021**

in strategic sectors

buildings • mobility • consulting • operations and maintenance in France, the United Kingdom, the Middle East, Colombia, the USA, the Netherlands, Canada and India





# Mobility

## Kipi-Ipsala Bridge

Greece-Turkey

Spanning the Evros River, the future Kipi-Ipsala Bridge between Greece and Turkey will serve as a gateway between Europe and Asia and will be a key node of the future Pan-European Corridor IV. The bridge will be approximately 841 m long, consisting of a 400 m main deck and two approach bridges. Egis is in charge of the design studies for the main bridge, and the external supervision of the contractor drawings produced by Mavrakis & Partners S.A.





## Métro de Bangkok, Pink Line

Thailand



Our teams in Thailand saw the extension of their Project Consultant assignment for the Bangkok monorail Pink Line extension project (3 km, two stations).

The Pink Line is the country's first monorail project! It was planned as part of a large programme to develop the public transport network in the Greater Bangkok area. Egis is responsible for the design review, manufacturing supervision, installation and testing of all the line's systems up to the start of revenue service.

## Rail Baltica

Poland



Egis signed a contract with PKP Polskie Linie Kolejowe (Polish Railways) for the design documentation of the Elk-Trakiszki section, more than 100 km long.

This is the last Polish section of Rail Baltica, an international route that will connect Poland with the Baltic States. This investment is essential for the development of modern transport in Poland.



## Bengaluru suburban train

India



For a four year duration Egis will play the role of General Consultant\* on the project for the Bengaluru suburban rail project.

With a network of four lines and sixty-four stations stretching a total of almost 150 km, this major project will improve rural-urban connectivity, reduce congestion and provide a cleaner mobility solution for thousands of people every day. Egis is playing a central role in the project by providing its expertise in the organisation of the consulting and programme management assignment.

\*In a joint venture with Accom and Louis Berger



## Kenitra-Marrakech high-speed line

Morocco



After successfully completing the integrated programme management for track, catenary and construction depot for the entire Tangier-Kenitra high-speed line, together with the civil engineering for the northern section, Egis has been awarded the contract as project management consultant for the external control of the Kenitra-Marrakesh line, thus continuing to fulfil ONCF's ambitions: to build the first HSL in Africa and the Arab world.

## GIROS Project

France - Bordeaux



Egis supports the Grand Port Maritime de Bordeaux in the management and sustainable development of Europe's largest estuary.

With a view to climate change, we are supporting the Grand Port Maritime de Bordeaux in the management and sustainable development of Europe's largest estuary, the Gironde, by developing digital twins and decision support tools essential for simulating the impact on the river of scenarios involving new infrastructure or incide.

## Santiago Metro, Line 7

Chili



Egis is providing project management consultancy services for systems on Santiago metro line 7 (26 km, 19 stations).

The line will provide services to more than 1.35 million people in the Chilean capital. For the Egis office in Chile, this is the biggest contract it has won since it was set up in 2018! It is a real challenge to set up a real back-office team but also, little by little, to recruit locally and pass on Egis' knowledge to local experts. Commissioning scheduled for 2027!







## A79 motorway

France - Sazeret, Digoin

The A79 motorway (Allier department), the first free-flow toll section in France, is now in service!

Egis, Eiffage's partner for the integrated programme management, deployed up to 80 people in development, and an additional 30 for compliance control operations. The culmination of a great adventure that has lasted nearly three and a half years.



## Ecovias do Araguaia road network

States of Goiás and Tocantins - Brazil

Egis is offering innovative engineering solutions to improve people's mobility in Brazil. Our engineers are supporting Ecovias do Araguaia (EcoRodovias Group) in its programme to expand and modernise the motorways under its concession. This includes several design studies for the duplication of 216 km of highways in the States of Goiás (Centre-West) and Tocantins (North).

## Air Navigation Systems (DSNA)

France



DSNA has renewed its trust in Egis for the engineering of air navigation systems.

DSNA is continuing to renovate its systems and implement innovative solutions to reduce the environmental impact of air navigation. This contract is the eighth framework agreement awarded by DSNA in the last two years, and confirms Egis' position as DSNA's leading engineering contractor for over twenty years.



## Clermont-Ferrand Bus Rapid Transit, lines B and C

France



Egis is providing technical assistance to Client for Clermont-Ferrand BRT lines B and C.

Currently partially operated as a BRT service, these lines are each used by around two million passengers per year, and need to be upgraded to reach their full potential as the backbone of the network, alongside LRT line A. The target date for commissioning is September 2025.

## Rumo rail network

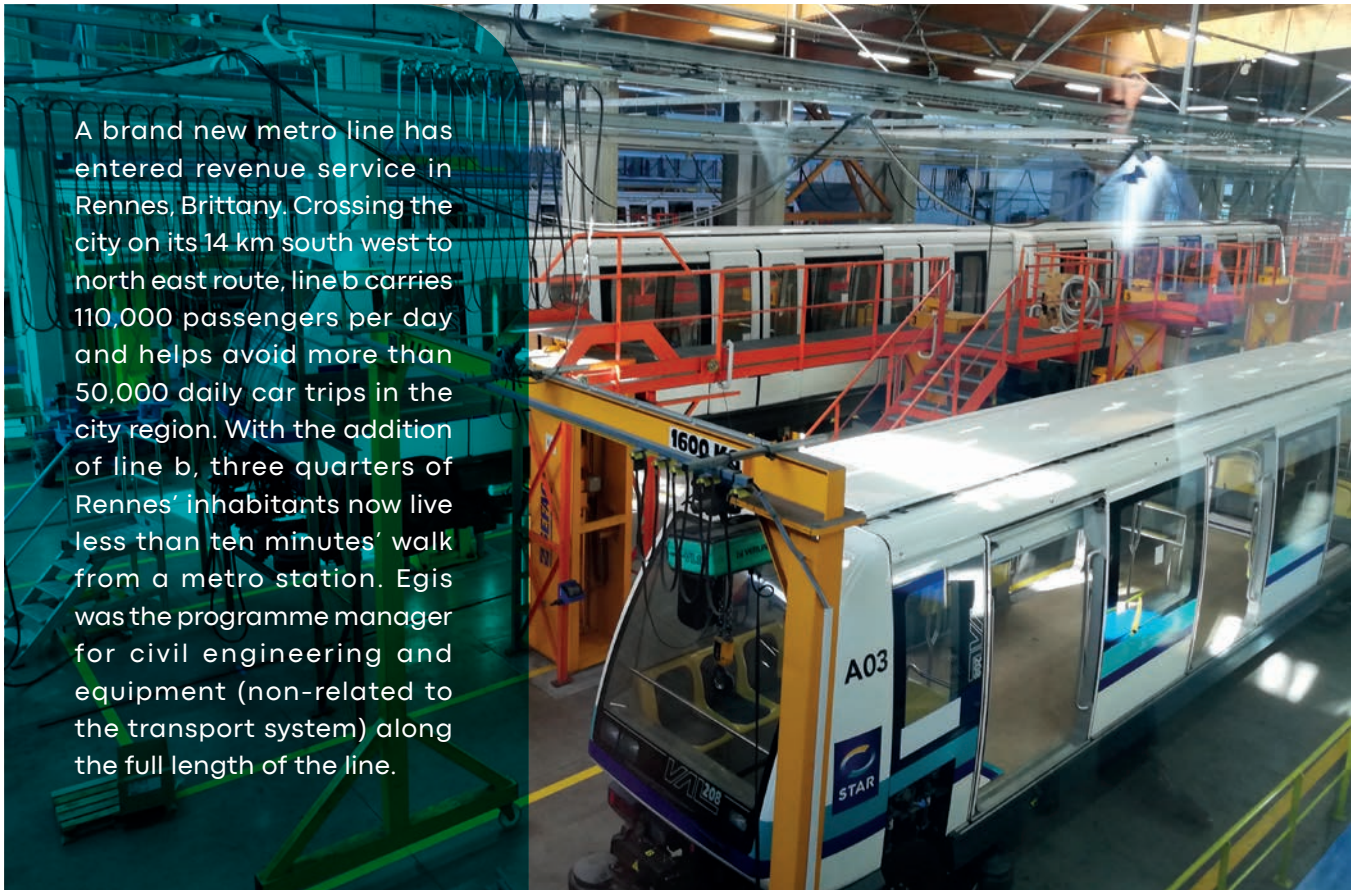
Brazil - State of Mato Grosso



The planned expansion of the northern rail network, under a Rumo concession, aims to increase the capacity of grain movement by connecting the local industry with other regions of the country. Egis is carrying out the conceptual and detailed design, using BIM methodology, of approximately 90 km of railway in the State of Mato Grosso, including the geotechnical study.

## Rennes Metro, line b

France



A brand new metro line has entered revenue service in Rennes, Brittany. Crossing the city on its 14 km south west to north east route, line b carries 110,000 passengers per day and helps avoid more than 50,000 daily car trips in the city region. With the addition of line b, three quarters of Rennes' inhabitants now live less than ten minutes' walk from a metro station. Egis was the programme manager for civil engineering and equipment (non-related to the transport system) along the full length of the line.





## Zanzibar airports

Tanzanie



Through SEGAP, its joint venture with AIRM, Egis is supporting Zanzibar in the sustainable improvement of the performance of its airports. With a ten-year technical service agreement and the secondment of locally based airport managers, Egis is assisting Zanzibar Airport Authority in operational performance, compliance with international standards, infrastructure maintenance, and the development of airline routes and commercial activities.



## Paraná's road network

Brazil

At the service of road users to make their travels safer, Egis is providing support to road operations in the State of Paraná (Southern region), covering road inspection, mechanical assistance, and road clearance operations, but also assistance in firefighting and road accident response.

## Rio de Janeiro and São Paulo airports

Brazil

Egis has signed a technical agreement with XP Asset Management to support the operation of Brazil's two main business airports

Jacarepaguá in Rio de Janeiro and Campo de Marte in São Paulo. Both airports share a common vision on sustainability, resilience and opportunities relating to the development of urban air mobility, including the concept of eVTOL operations. Egis is thus at the heart of urban air mobility developments in Brazil, thanks to this exciting project.



## Saudi airports

Saudi Arabia - Riyadh



Matarat Holding Company has partnered with Egis on a three-year contract to provide consulting services for 26 airports in the country.

This project aims to improve airport infrastructure, strategic planning, and project management policies and supports the Saudi Vision 2030 to enhance airport services and transform Saudi Arabia into a global aviation hub connecting Asia, Europe, and Africa.



## Easytrip Mexico

Mexico

E&I Movilidad México, a 50/50 joint venture between Egis and ICA dedicated to mobility services, is starting its interoperable electronic toll services activities in Mexico under the Easytrip México brand.

Easytrip México is responsible for managing and reconciling electronic payments made at toll plazas on behalf of motorway operators, and promoting and distributing Easytrip interoperable electronic toll badges to individuals and companies that manage vehicle fleets.



## Floating Bridge and Al Maktoum Bridge

United Arab Emirates  
- Dubai

Teams at Waagner Biro Bridge Services were appointed to operate and maintain the Al Maktoum Bridge and the opening spans of the Floating Bridge.

This mission includes the maintenance of the structures, mechanical, electrical, control/automation and hydraulic systems, as well as maintenance of various technical systems.



## Lyon Airports

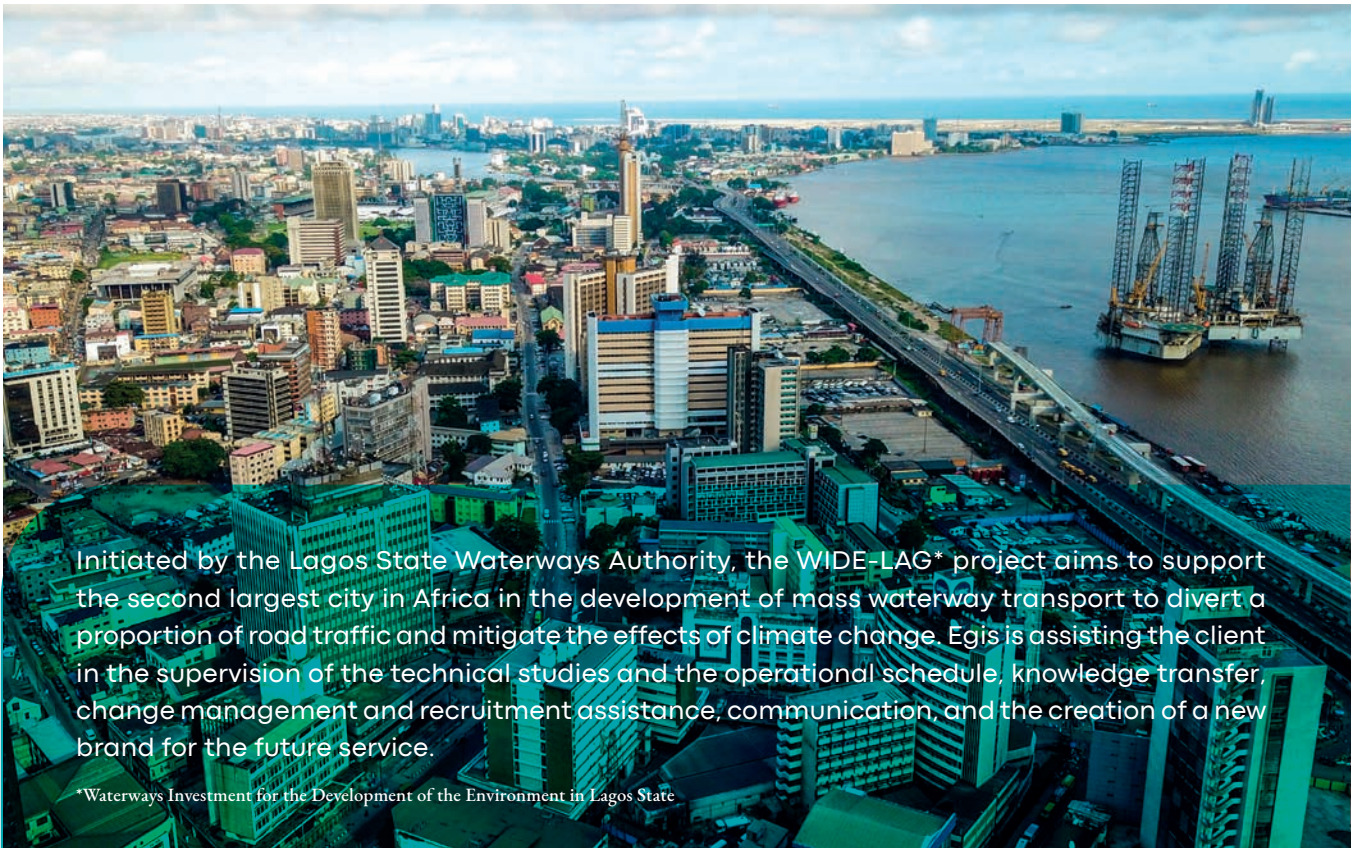
France



Improving the efficiency of airport operations and providing a positive experience to passengers: such is Egis' mission, with the award of a five-year framework contract to support Aéroports de Lyon (ADL) in upgrading its information system. The aim is to help our client meet the challenges (of digitalisation, automation, and energy sobriety) that lie ahead. Our teams are active across the entire value chain, from the identification of needs, through the steering and management of complex projects, to deployment and change management.

## WIDE-LAG project

Nigeria - Lagos



Initiated by the Lagos State Waterways Authority, the WIDE-LAG\* project aims to support the second largest city in Africa in the development of mass waterway transport to divert a proportion of road traffic and mitigate the effects of climate change. Egis is assisting the client in the supervision of the technical studies and the operational schedule, knowledge transfer, change management and recruitment assistance, communication, and the creation of a new brand for the future service.

\*Waterways Investment for the Development of the Environment in Lagos State

## Eastern Peripheral Expressway of New Delhi

India

Egis is responsible for the operation and maintenance of New Delhi Eastern Peripheral Expressway (EPE).

The 135 km long EPE, also known as the Kundli-Ghaziabad-Palwal Expressway, completes the largest peripheral corridor in the Delhi region. This expressway sets a benchmark in highway construction by incorporating environment-friendly techniques, excellent safety features and smart infrastructure.





## Big Almaty Ring Road

Kazakhstan



Egis was appointed to provide Operation & Maintenance (O&M) services to a ground-breaking Public Private Partnership (PPP) project for Kazakhstan. Our teams will provide O&M services for the next 15 years, covering routine maintenance, winter maintenance, free flow toll collection (with no booths or gates), incident management, back-office management, and asset management strategy. The newly built Big Almaty Ring Road (BAKAD) is expected to deliver a significant positive impact on quality of life and economic growth in Almaty and the region.

## Strategic Airport Infrastructure Development Programme at Bucharest

Romania



Egis in Romania has been appointed by Compania Națională Aeroporturi București S.A. (Bucharest Airports National Company) to provide consultancy support in accessing funds for the ongoing implementation of the Strategic Airport Infrastructure Development Programme at Bucharest Henri Coanda International Airport. Henri Coanda Airport is the largest airport in Romania, serving 67 international and 9 domestic destinations. Egis' role is to provide an updated analysis and a coherent strategy to enable the financing and implementation of the actions proposed under the PSDIA.



## Medellin light metro

Colombia

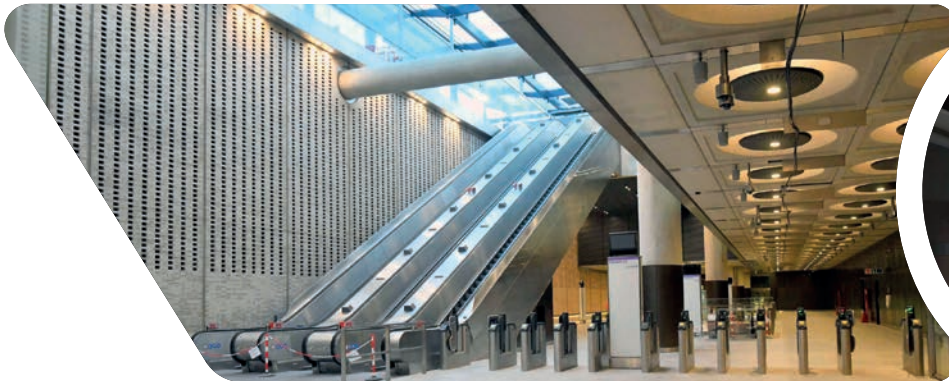


From April 2023 to the end of 2028, our experts will be in charge of supervising the construction of a new light rail line, which will contribute to the development of urban mobility in Colombia's second largest city, Medellin.

The new trolley line along Avenida 80 in western Medellin is the largest project contracted since the Metro's Line A (1995). This new 13 km, 17-station line, which will connect more than a million inhabitants, will restore the corridor's connectivity to develop passenger transport.

## Elisabeth railway line

United Kingdom - London



Our Weston Williamson + Partners team have designed two of the 10 stations serving the new Elisabeth line – London’s first fully accessible railway.

The Woolwich Station required innovative design solutions to seamlessly integrate it into the Royal Arsenal masterplan. At Paddington station, the team successfully integrated the new building with the existing Grade I listed station structure, resulting in an award-winning design that transformed Paddington station into a standout feature of the Crossrail project.

## Scottish road network

Scotland



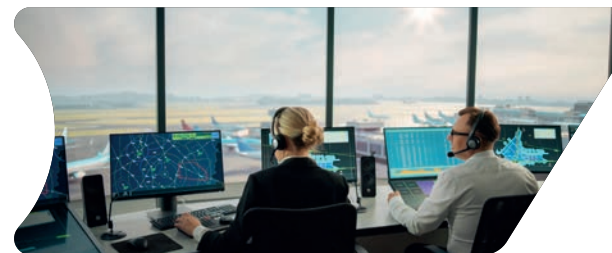
Under the banner of Mobbie, a joint venture between Egis and Arcadis IBI Group, we manage the round-the-clock operations of Scotland’s expansive 3,500 km road network on behalf of Transport Scotland.

Using advanced technology and infrastructure expertise, Mobbie monitors traffic flow, identifies safety hazards, and streamlines maintenance processes. Our teams’ efforts reduce traffic congestion, improve travel times, minimise accident risks, and promote environmental sustainability.



## European Digital Sky

Europe



A Sopra Steria-Egis consortium has won an eight-year contract to support the SESAR 3 Joint Undertaking (SJU) in managing complex programme activities and accelerating the implementation of advanced technology solutions for the Digital European Sky (DES).

Egis will provide a range of skills, from consultancy to technical expertise, to support the digital transformation of European air traffic management and help launch and implement the new DES programme to ensure intelligent, safe and sustainable air traffic management across Europe.



## Vientiane-Nong Khai Cross-border Cable Car Project

Thailand



The cable car project is a cross-border initiative between Thailand and Laos to improve transport connectivity and promote tourism.

This project is the continuation of the cable car initiative from the Sustainable Design of Urban Mobility in Middle-Sized Metropolitan Regions (SMMR) study. Egis, together with its partners, will lead the project in defining the scope and framework of the PPP, preparing a feasibility study and conducting the initial safeguard due diligence.

## New European standard gauge railway corridor

Poland, Ukraine



Egis will participate in the project to create a new EU railway corridor connecting Poland, Ukraine, Romania and Moldova.

This crucial project will contribute to the integration of Ukraine and Moldova in the European transport area, by improving connectivity with the EU and increasing the capacity of the new export corridors. Egis will support JASPERS\* (a partnership between the European Commission and the European Investment Bank), in finalizing the pre-feasibility study and completing the sections already developed by JASPERS experts.

\* Joint Assistance in Supporting Projects in European Regions

## Environmental Programmes West-East Railway 1

Brazil - Bahia



Our teams in Brazil are working on the largest environmental project ever signed by Egis in the country. Our role is to develop environmental management and implement environmental programmes along 537 kilometres of the West-East Railway 1, helping the client to meet the requirements of the project's installation licence, issued by Ibama\*, which will mitigate the environmental impact of the works and allow the railway to be built.

\* Government agency responsible for overseeing environmental issues



# Urban and sustainable living

## AIUla

Saudi Arabia

As part of a consortium of three major French engineering groups, Egis is contributing to this large-scale tourism and cultural project whose aim is to make AIUla the leading tourist destination in Saudi Arabia. The joint venture will provide direct support to our client for the development, monitoring and management of the overall infrastructure delivery programme, in coordination with the asset delivery programme for the entire 22,500 km<sup>2</sup> AIUla County.



## Pradhan Mantri Awas Yojana-Housing for All

India - Madhya Pradesh



“Housing for all” is a flagship programme mission of the Indian government that aims to address the shortage of urban housing for the poorest people, including slum dwellers.

Egis is the programme manager for this project, which has already received more than a dozen awards from the Indian Ministry of Housing and Urban Affairs (MoHUA). Already more than 530,000 homes have been built!

## Sergio Enrique Bernales and Antonio Lorena Hospitals

Peru - Lima, Cuzco



Following the Covid health crisis, the construction of Sergio Enrique Bernales National Hospital in Lima and Antonio Lorena Hospital in Cuzco has become a key priority for the country and its health system.

An estimated 3.4 million people will directly benefit from these two hospitals. As programme manager, Egis is assisting the Peruvian Ministry of Health through technical project management missions: risk, cost and quality management, planning, control and technical coordination.

## Greening of Nokoué

Benin



Egis is in charge of the project management of the integrated programme for the urban redevelopment of green spaces in the Greater Nokoué area, benefiting more than 2.5 million inhabitants.

This programme is part of the process of building a sustainable and resilient African city in perfect harmony with the living world and contemporary challenges such as attractiveness, connectivity, mobility, adaptation to climate variability, conservation and sustainable management of ecosystems, and employment.



## Silkroadland

Uzbekistan - Tashkent



The Silk Road is rooted in the history of Uzbekistan, but its influence extends far beyond, between China and Europe.

It is around this idea that Voltere by Egis conducted a feasibility study for the creation of a tourist, cultural and leisure destination covering more than 120 hectares near Tashkent. Christened Silkroadland, this site is designed to operate all year round, featuring innovative shows, a theme park, a water park and hotel facilities.



## Al Mutlaa urban megaproject

Kuwait



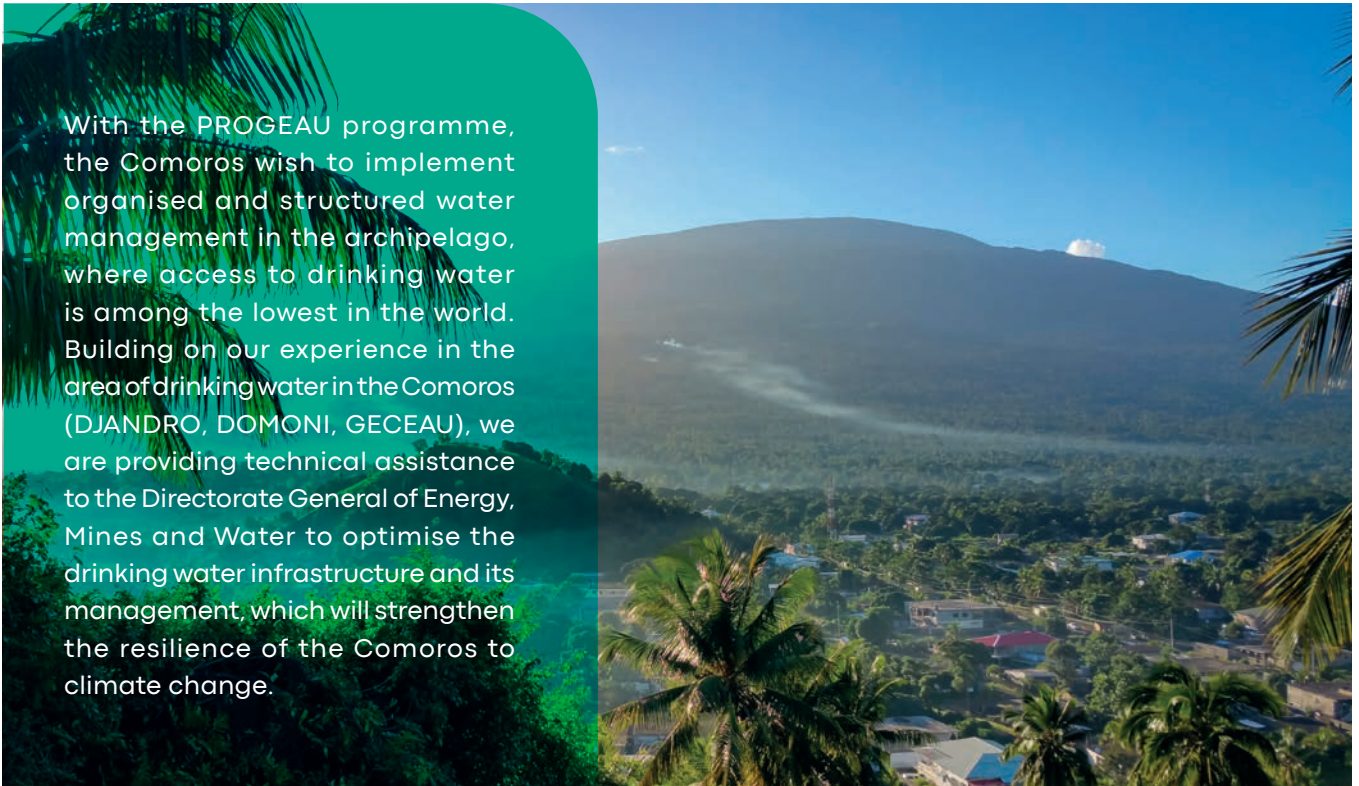
Egis has been appointed by the Public Authority for Housing (PAHW) to provide programme management consultancy services for the Al Mutlaa City Development (MCD) mega project in Kuwait.

The construction of major housing infrastructure projects throughout the country is one of the government's priorities and one of the main activities of Kuwait's Vision 2035. The MCD project is a residential estate located 38.3 km north-west of Kuwait's metropolitan area. Covering an area of around 104 km<sup>2</sup>, the future city is expected to accommodate up to 400,000 people.



## PROGEAU Programme

Comoros



With the PROGEAU programme, the Comoros wish to implement organised and structured water management in the archipelago, where access to drinking water is among the lowest in the world. Building on our experience in the area of drinking water in the Comoros (DJANDRO, DOMONI, GECEAU), we are providing technical assistance to the Directorate General of Energy, Mines and Water to optimise the drinking water infrastructure and its management, which will strengthen the resilience of the Comoros to climate change.

## Dongguan University of Technology

China



Egis is responsible for the design of Dongguan University of Technology.

Situated in an ecological belt of the Songshan Lake district, the new campus sprawls over a wider site area of 137,273 sqm. Our design for the new campus is therefore deeply rooted in the natural environment of the site, offering a healthy, flexible, and vibrant campus for scientists and researchers.



## Stade de France

France - Saint-Denis

Egis is assisting the French government in the process of selecting a new operator for the Stade de France.

The goal of the new concession is to bring the stadium up to the level of its European competitors under the terms of a financially balanced contract for the Government, while preserving the facility's sporting vocation. This mission, which is both exciting and complex, mobilises many of the Egis group's skills.





## Decarbonisation of Axa and Goodman property assets

France and Germany

Egis is advising Axa and Goodman in their strategy to reduce the carbon footprint of their real estate assets.

Following an initial phase of inventory and field audits for Goodman's sites in Europe, we modelled the assets using energy simulations and put forward consumption reduction and decarbonisation scenarios, and then drew up an investment plan consistent with the low-carbon pathways.



## Poitiers multimodal mobility plan

France - Poitiers

Egis is supporting Grand Poitiers decision-makers in defining its future multimodal mobility plan and implementing its decision-making database system.

Egis' tasks cover the coherent planning of mobility and town planning policies, the identification of actions reconciling a short-term operational vision with a medium- and long-term strategic vision, the setting up of a database system enabling the evaluation and monitoring of public policies, and the provision of data sets to Grand Poitiers' internal and external partners.

## Improving air quality in Thailand

Thailand



Egis has been appointed by the French Development Agency (AFD) to implement the Air Quality Improvement Programme in Thailand, providing technical assistance at local, regional and national levels.

In addition to strengthening local capacity to monitor atmospheric emissions, our teams will carry out a pre-feasibility study for the introduction of electric buses in Chiang Mai (including simplified modelling of expected emissions and traffic).

## ON-Corridor GO Expansion programme

Canada - Toronto-Hamilton



Egis is bringing its expertise in the major electrification and modernization brownfield project in Canada: ON-Corridor GO Expansion programme in the Great Toronto-Hamilton Area. Egis is part of Metrolinx's Technical Advisor (TA) team, led by Arup and includes other subconsultants like Aecom, Dillon and Network Rail Consulting. Egis is supporting all aspects related to the design review process and to railway systems, including electrification, power supply, railway signaling and operations studies. ON-Corridor GO Expansion programme is being delivered by a Progressive Design-Build-Maintain-Operate model for a target capital of investment estimated over CAD 11Bi\$, making it the larger rail project ever to be delivered in Canada.

## Harmony community

Australia - Sunshine Coast, Queensland



Harmony is an award-winning master planned community on the Sunshine Coast by AVID Property Group.

It will eventually be home to over 13,000 people. Egis has been involved in the project since its inception, providing master planning through to detailed design and construction of all civil infrastructure for the project.



# Energy and industry

## **Sizewell C nuclear island**

United Kingdom – Suffolk

Egis, as leader of the ICOSH consortium, is to work alongside its partners on the civil engineering detail design of the Sizewell C nuclear power plant, involving extremely high quality and safety standards. Our teams are very proud to work on this project, which confirms Egis' position at the heart of the revitalization of the UK's energy infrastructure. With this project, the country reaffirms its commitment to «net zero carbon» by 2050 and its desire to ensure its energy independence.



## National high-voltage electricity network

France



Egis has signed two framework contracts: “Engineering support” and “Environment and consultation support”, to assist RTE in its mass investment plan. The operator of the high-voltage electricity grid in France has planned to invest more than €33 billion over 15 years to upgrade its existing facilities and allow the connection of new renewable energy plants such as the new offshore wind farms in the Channel and the Mediterranean.

## Villeneuve Saint-Georges railway maintenance centre

France



As an integrated project manager in the Eiffage LA/BA consortium, Egis is involved in the design-build and commissioning of the Villeneuve-Saint-Georges rail maintenance centre on behalf of Transilien SNCF passengers and financed by Île-de-France Mobilité.

The «Villeneuve Demain» project involves creating a new maintenance platform at the very heart of the historic site of the Villeneuve-Saint-Georges maintenance technicentre (TMV). This new project will help to improve the performance of lines D and R, by adapting production facilities to the new generation of rolling stock and modernising maintenance.



## Railway maintenance and storage centre for LISEA

France - Marcheprime Croix-d'Hins



LISEA is planning to build an independent maintenance and storage site (not owned by the SNCF group) for high-speed trains in the commune of Marcheprime Croix-d'Hins, in Aquitaine.

To guarantee the availability of rail facilities, different trainsets will be accommodated (commercial, freight, TER, TET, etc.), in addition to the TAGV. As part of a consortium comprising Egis (lead contractor) and the architects L'Heudé & Associés, our team is responsible for carrying out studies of all trades, the geothermal pre-feasibility of the future site and managing the works. The SMR will be complemented by the construction of administrative premises and a reception area.

## Restoring the Amazon forest

Brazil



Egis wishes to contribute to the conservation of fauna and flora in the Amazon region, while securing the viability of local companies. To this end, our experts are assessing the negative impacts on land and water wildlife of mining activity in the State of Pará, and proposing solutions to mitigate them, including the planting, maintenance and monitoring of more than nine hundred chestnut trees that will help maintain several ecological cycles.

## Odour treatment for Innovia

France

Egis won a turnkey contract for odour management for Innovia.

To treat the stale air generated by a spray-drying process used by Innovia, our experts opted for biotechnology, a process with many advantages: no chemical storage, no waste, and low water and energy consumption.



## “Accueil et Soutien Barracuda” Programme

France - Toulon



## Future circular collider (FCC)

France and Switzerland - Haute-Savoie, Ain, Canton of Geneva



Egis is providing civil engineering consulting services on the design of the site of CERN’s future circular collider (FCC).

The FCC will ultimately replace the Large Hadron Collider (LHC), the world’s most powerful particle accelerator, which is due for decommissioning in 2040. Our Underground Structures teams will contribute to the geotechnical surveys of the high-risk sites and will have to confirm the feasibility and alignment of the 91 km long tunnel.



## Port of Mongla

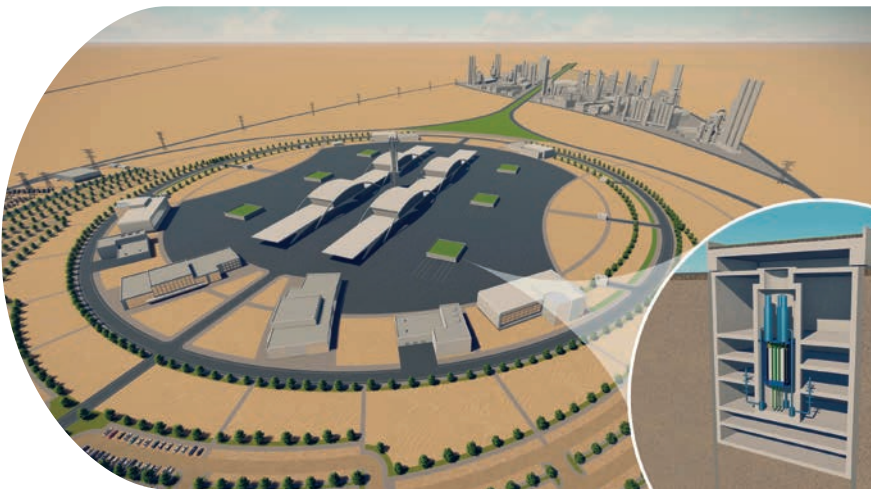
Bangladesh



As part of a Project management consultancy assignment, our teams are contributing to the modernisation of the port of Mongla, the country’s second largest port and one of the main trading gateways of Bangladesh. This project is financed by the Exim Bank and aims to cater to the future capacity of the port, as well as the economic growth and industrialisation of the entire hinterland.

## New innovative nuclear reactors (France 2030)

France



As part of the *France 2030* investment plan to develop innovative nuclear reactors, Egis is supporting the development of new *Small Modular Reactor*, *Extra Small Reactor* and *Advanced Modular Reactor* technologies for partners such as Nuward, Blue Capsule, Naarea and Transmutex. The aim is to design new generations of reactors aimed at decarbonising the production of electricity and heat for industry and urban areas. Our support includes civil engineering, industrial architecture, and environmental expertise to reduce the carbon footprint.

## Sanofi's EVF biopharmaceutical plant

France - Neuville-sur-Saône

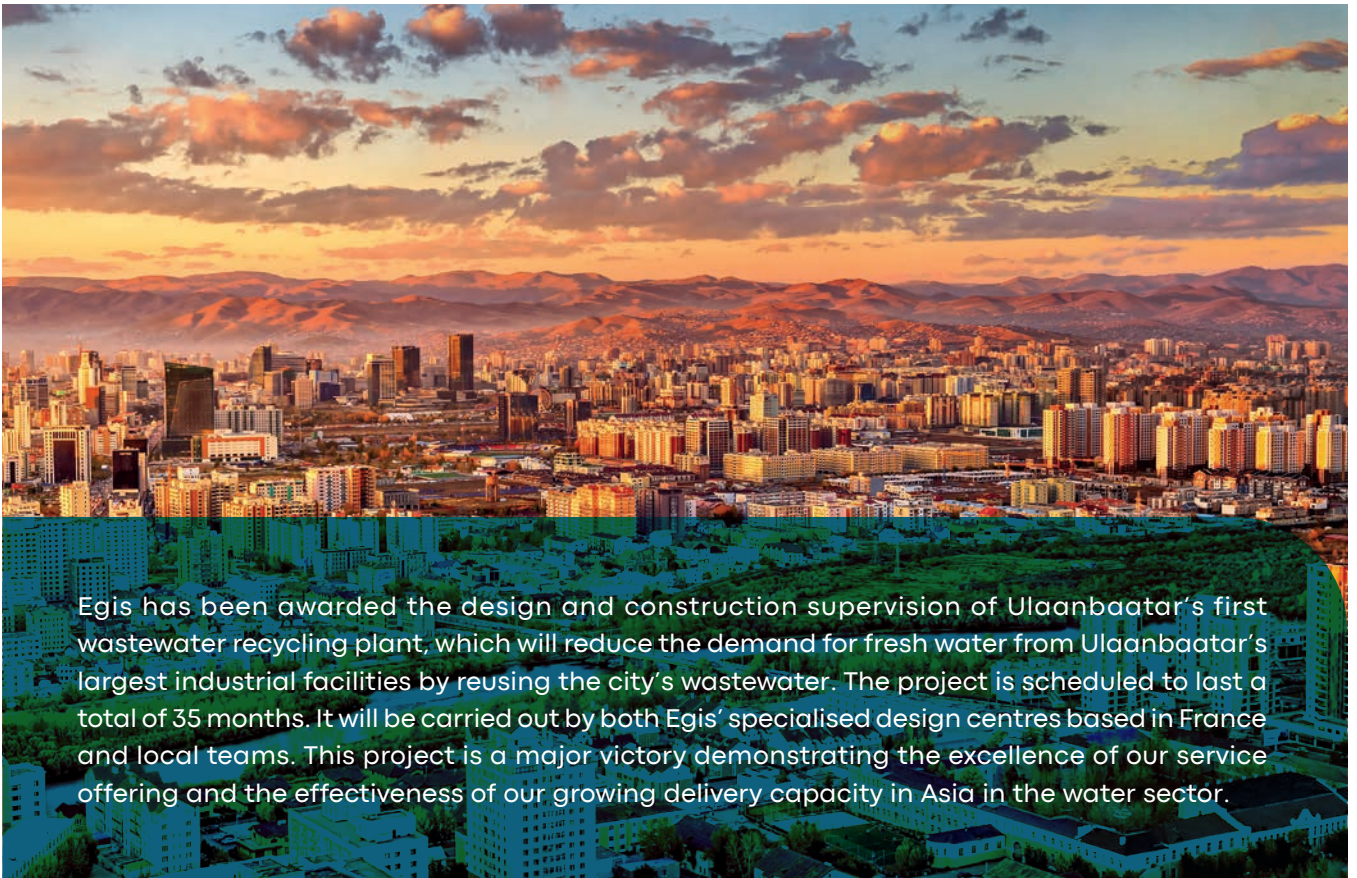


Egis has been awarded the construction management of Sanofi's new EVF biopharmaceutical plant, which will enable the manufacturer to secure the supply of vaccines to France and Europe in the event of new pandemics.

This plant will meet the strictest environmental criteria and will be capable of producing three to four vaccines and/or biological active ingredients simultaneously, as opposed to just one on current manufacturing sites. A true breakthrough innovation, the EVF is also dedicated to tomorrow's messenger RNA-based technology platforms.

## First wastewater recycling plant in Ulan Bator

Mongolia



Egis has been awarded the design and construction supervision of Ulaanbaatar's first wastewater recycling plant, which will reduce the demand for fresh water from Ulaanbaatar's largest industrial facilities by reusing the city's wastewater. The project is scheduled to last a total of 35 months. It will be carried out by both Egis' specialised design centres based in France and local teams. This project is a major victory demonstrating the excellence of our service offering and the effectiveness of our growing delivery capacity in Asia in the water sector.



## Treatment of radioactive waste

Norway



Egis and its partners Empresarios Agrupados and Orano Projets have been awarded a two-year framework contract (possibility for two one-year extensions) to develop solutions for the disposal of spent nuclear fuel and radioactive waste in Norway. The main objectives of the framework are to evaluate different high-level waste deep borehole disposal options, informing the selection of radioactive waste storage and disposal concepts by Norwegian Nuclear Decommissioning (NND).

## Thermo-cooling production plant for the Charles III island

Principality of Monaco - Monaco

Egis is designing the new heating and cooling plant on Charles III urban island.

This plant is part of the development of the industrial platform of the Charles III Island, whose design is being conducted by our teams in parallel with the design of the plant, thereby leveraging all the benefits of BIM. It will supply zero-carbon energy to the urban hot and cold-water networks from waste and seawater recovery.





IMAGINE. CREATE. ACHIEVE.  
*a sustainable future*

[www.egis-group.com](http://www.egis-group.com)



#### EGIS HEADQUARTERS

15 avenue du Centre CS20538-Guyancourt  
78286 Saint-Quentin-en-Yvelines Cedex France

#### Design and production:

Direction de la Communication et des Affaires publiques  
Gilles L'hospitalier

#### Published in July 2023

**Photos:** ©DR, © Egis, © Egis - Nichakorn JONGTA, © AdobeStock / Photo Junction / Ingusk / Marc / Cristian Villalobos / Leonid Andronov / mariusstu / Ariadne Barroso / Dionell / brizardh / HJBC / Jevgenijs / francescodemarco / Pierre Antoine LAINE / Michal / Anton Ivanov Photo/ Terver / javarman / Marcio Isensee e Sá / Ернар Алмабеков / Matthew / yu\_photo / Jared / Eva Bocek / serra715 / M.studio / Anjelika Gretskaia, © Alfreds Ulmanis, © Georgina Quiroz, © Egis - Germain Van Rossum, © Eiffage H.Piraud, © Arquivo - CNT, © Mathieu-CREMER, © stellalevi / BalkansCat / gorodenkoff / istockphoto.com, © DGAC-DSNA, © Georgina Quiroz, © Cengiz Coskun - Egis, © Matarat Holding Company, © LOUKAT, © Morleyvon, © Douglas Rodger, © LABA, © L'Heudé & Associés Architectes - Galerie Blanche - LISEA, © Mayank Kumar - Egis, © WS Films, © 10Design, © SGA-SID, © Egis - Blue Capsule, © Harmony - Palmview, © Wirestock, © Compania Națională Aeroporturi Bucuresti S.A, © depositphoto, © JONGTA Nichakorn.