



We Plan the World of Tomorrow

# BUSINESS PRESENTATION 2024

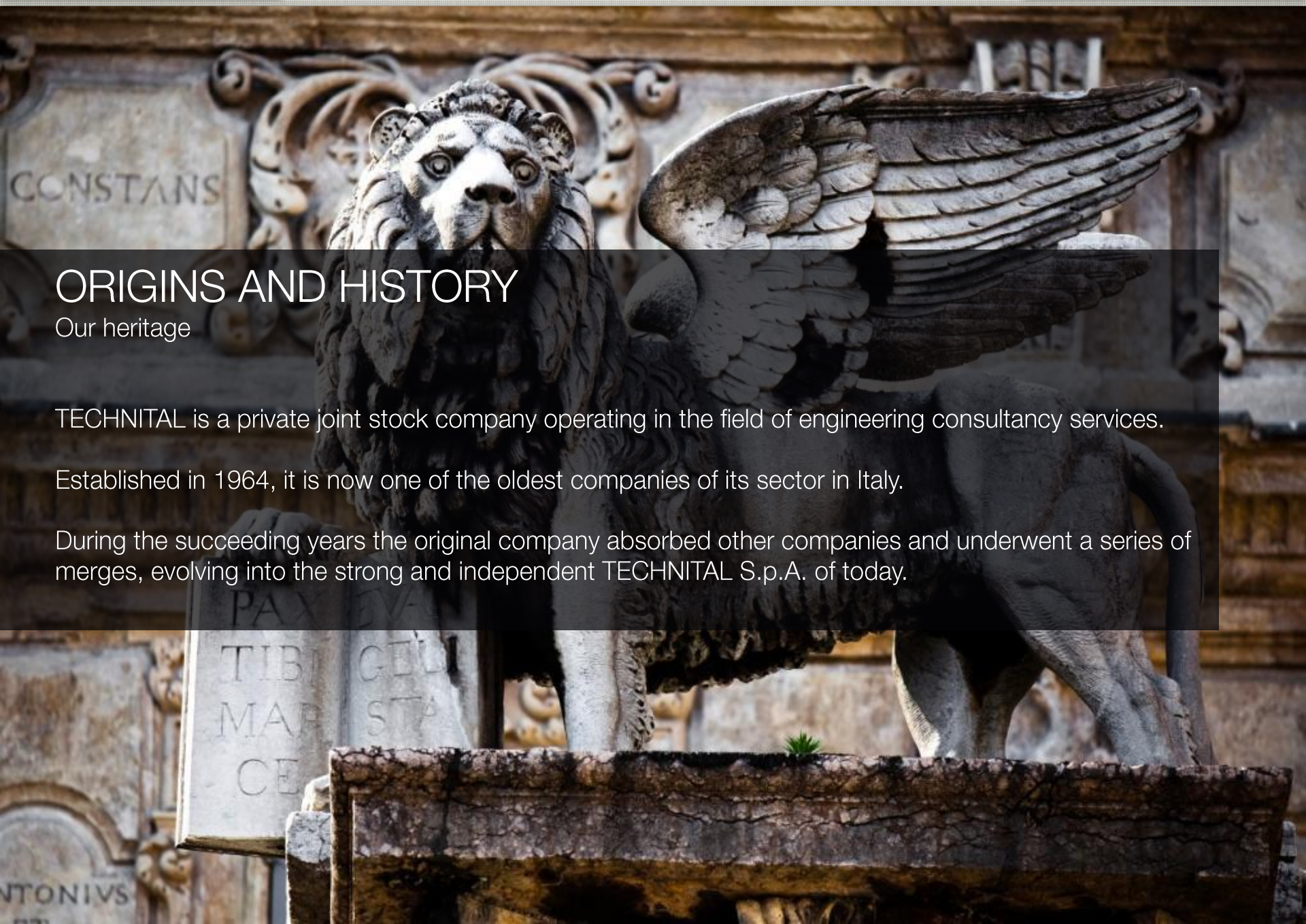
# ORIGINS AND HISTORY

Our heritage

TECHNITAL is a private joint stock company operating in the field of engineering consultancy services.

Established in 1964, it is now one of the oldest companies of its sector in Italy.

During the succeeding years the original company absorbed other companies and underwent a series of merges, evolving into the strong and independent TECHNITAL S.p.A. of today.



# OUR STAFF

Our greatest resource.

TECHNITAL believes human resources to be the true driving force in a company.

The high-quality products offered by TECHNITAL are the result of the spirit of collaboration between the single professionals and the various departments.

TECHNITAL possesses a highly skilled staff of over 250 professionals, out of which some 20-25% permanently abroad, who are accustomed to working in the main international languages (English, French, Spanish, Arabic) and to using international engineering codes and contract conditions.

TECHNITAL works to provide intelligent, innovative and environmentally friendly solutions to modern engineering requirements, and today it has offices throughout Italy and branches worldwide.



# ENVIRONMENTAL SUSTAINABILITY

TECHNITAL has a long-term and broad vision that aims at the improvement of life quality and at the enhancement of local resources.

In a modern world, the design of any project must incorporate the awareness of the impact that every single intervention may have on a global scale on the environment, and therefore on the communities.

For that reason, TECHNITAL is embracing the principles of the circular economy inside its activity and its products.

CERTIFICATIONS

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ISO 9001  
BUREAU VERITAS  
Certification



ISO 14001  
BUREAU VERITAS  
Certification

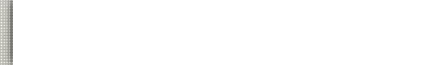


ISO 45001  
BUREAU VERITAS  
Certification





Sectors of Specialization



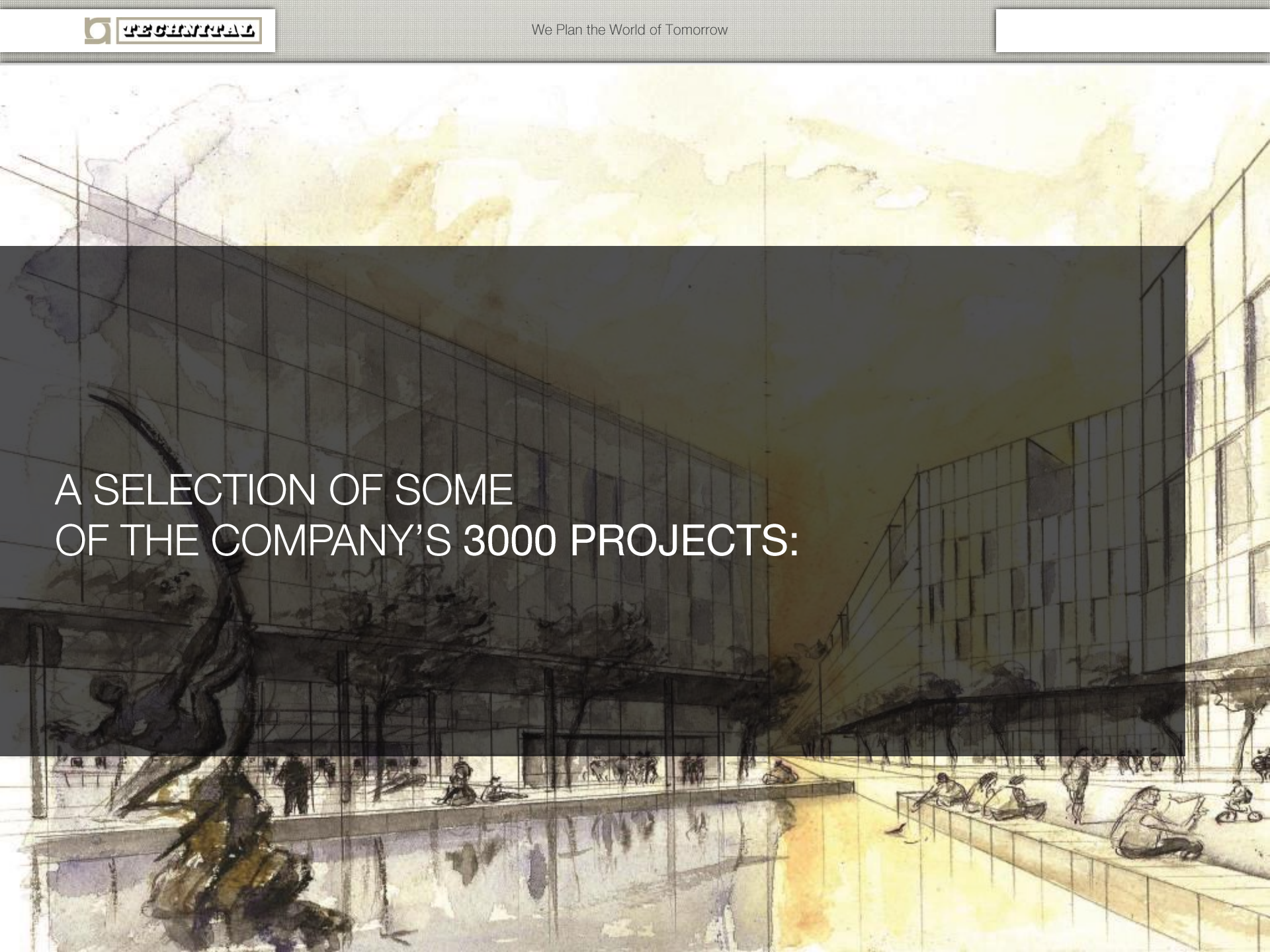
## WORLDWIDE COMPANY – PERMANENT ORGANISATIONS

HQ-Verona (Italy) | Algiers (Algeria) | Yerevan (Armenia) | Cotonou (Benin) | Sarajevo (Bosnia & Herzegovina) | Zagreb (Croatia) | Tbilisi (Georgia) | Baghdad (Iraq) | Nairobi (Kenya) | Pristina (Kosovo) | Doha (Qatar) | Dar Es Salaam (Tanzania) | Port of Spain (Trinidad & Tobago) | Tunis (Tunisia) | Montevideo (Uruguay) | Lusaka (Zambia)

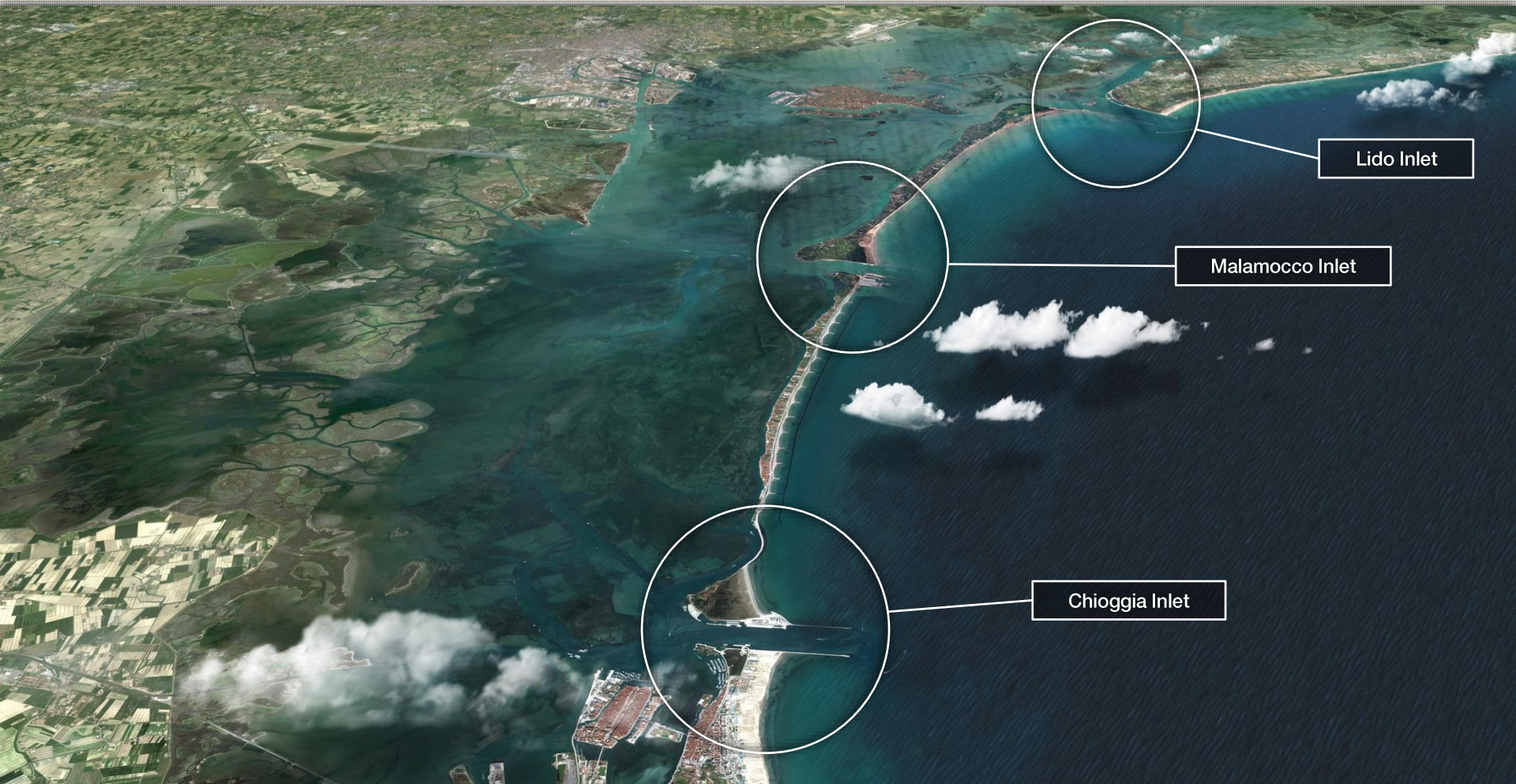
## COUNTRIES WORKED IN

Afghanistan, Albania, Algeria, Angola, Argentina, Armenia, Australia, Austria, Bahamas, Benin, Bolivia, Bosnia & Herzegovina, Brazil, Bulgaria, Burkina Faso, Burundi, Cayman Islands, Colombia, Croatia, Cuba, Cyprus, Czech Republic, Democratic Republic of Congo, Denmark, Djibouti, Dominican Republic, Egypt, Ethiopia, Georgia, Germany, Ghana, Greece, Guatemala, Hungary, India, Iraq, Italy, Jordan, Kenya, Kosovo, Libya, Madagascar, Malawi, Malaysia, Mali, Mauritania, Monaco, Montenegro, Mozambique, Nicaragua, Niger, Norway, Panama, Peru, Poland, Qatar, Republic of Haiti, Romania, Russia, Rwanda, Saudi Arabia, Senegal, Slovenia, Somalia, Spain, Sudan, Syria, Tanzania, Togo, Trinidad & Tobago, Tunisia, Turkey, Uganda, Ukraine, United Arab Emirates, United Kingdom, U.S.A., Uruguay, Venezuela, Yemen, Zambia.



A detailed architectural rendering of a modern urban development. The scene features two large, multi-story buildings with extensive glass facades. In the foreground, a wide, paved plaza is populated with various figures, including people sitting on a low wall, walking, and a child on a bicycle. The background shows a hazy, yellowish sky, suggesting a bright, possibly overcast day. The overall style is a combination of fine-line architectural drawing and soft, painterly washes of color.

A SELECTION OF SOME  
OF THE COMPANY'S 3000 PROJECTS:



# MO.S.E. AT THE THREE INLETS OF VENICE LAGOON

Italy

Client: Venezia Nuova Consortium for Ministry of Public Works | Cost of works: € 8,000,000,000

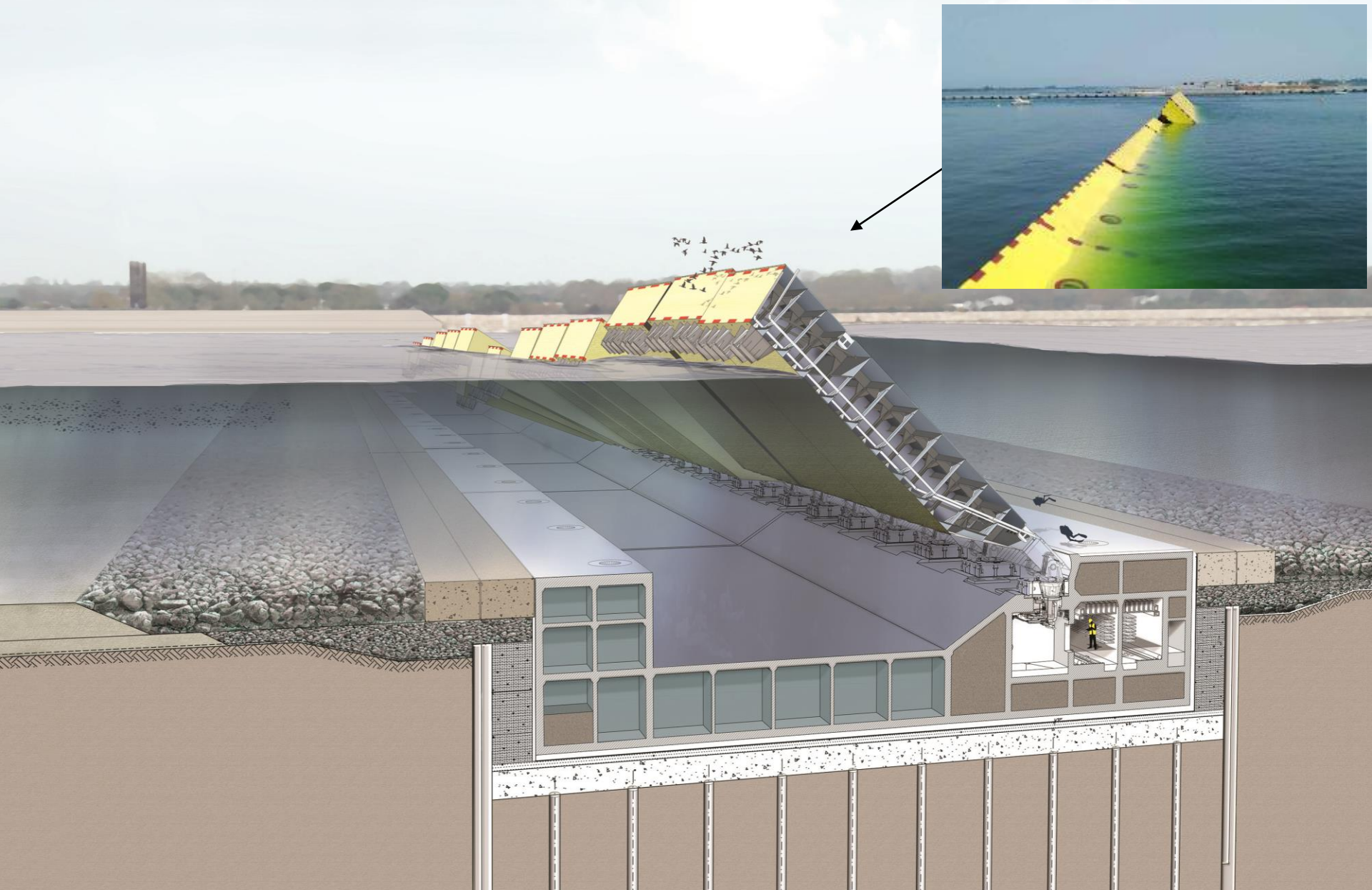
Detailed Design of mobile surge barriers (MO.S.E. - Modulo Sperimentale Elettromeccanico) to regulate the tidal flows, including navigation locks, refuge harbors, foundations and ancillary structures











MO.S.E. AT THE THREE INLETS OF VENICE LAGOON | Italy



## SICILIAN MOTORWAYS: A20 ME-PA AND A18 SR-GELA

Italy

Client: Sicilian Motorways Consortium for ANAS | Cost of works: € 2,500,000,000 approx.  
Preliminary and Detailed Design, EIA, Tender Documents & Construction Supervision

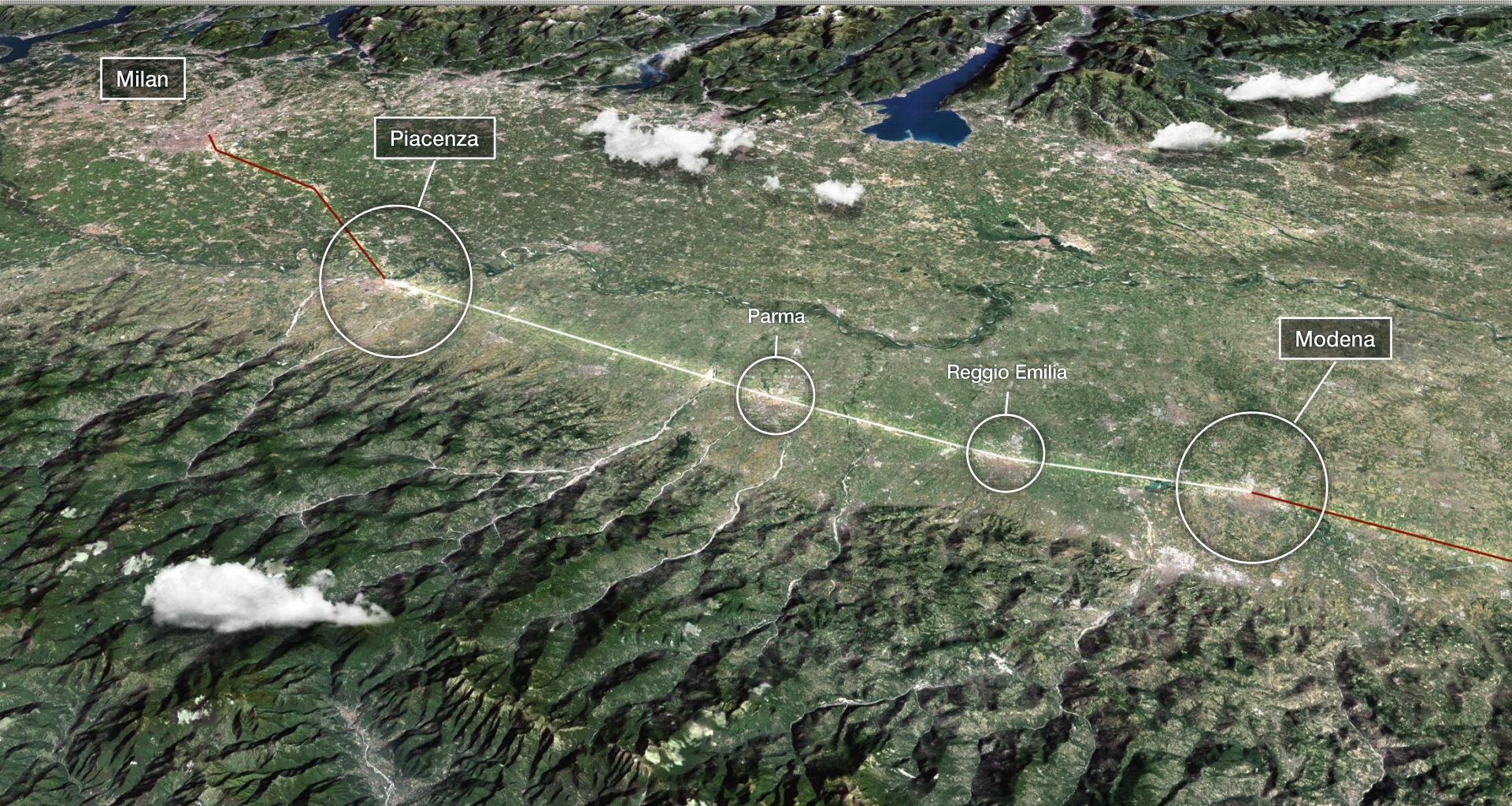




SICILIAN MOTORWAYS: A20 ME-PA AND A18 SR-GELA | Italy







# HIGH SPEED RAILWAY LINE MILAN-NAPLES

SECTION: PIACENZA-MODENA (42km)

Italy

Client: Grandi Lavori Fincosit, contractor for Ferrovie dello Stato (Italian State Railway Company)

Cost of works: € 482,000,000

Construction design, assistance during construction









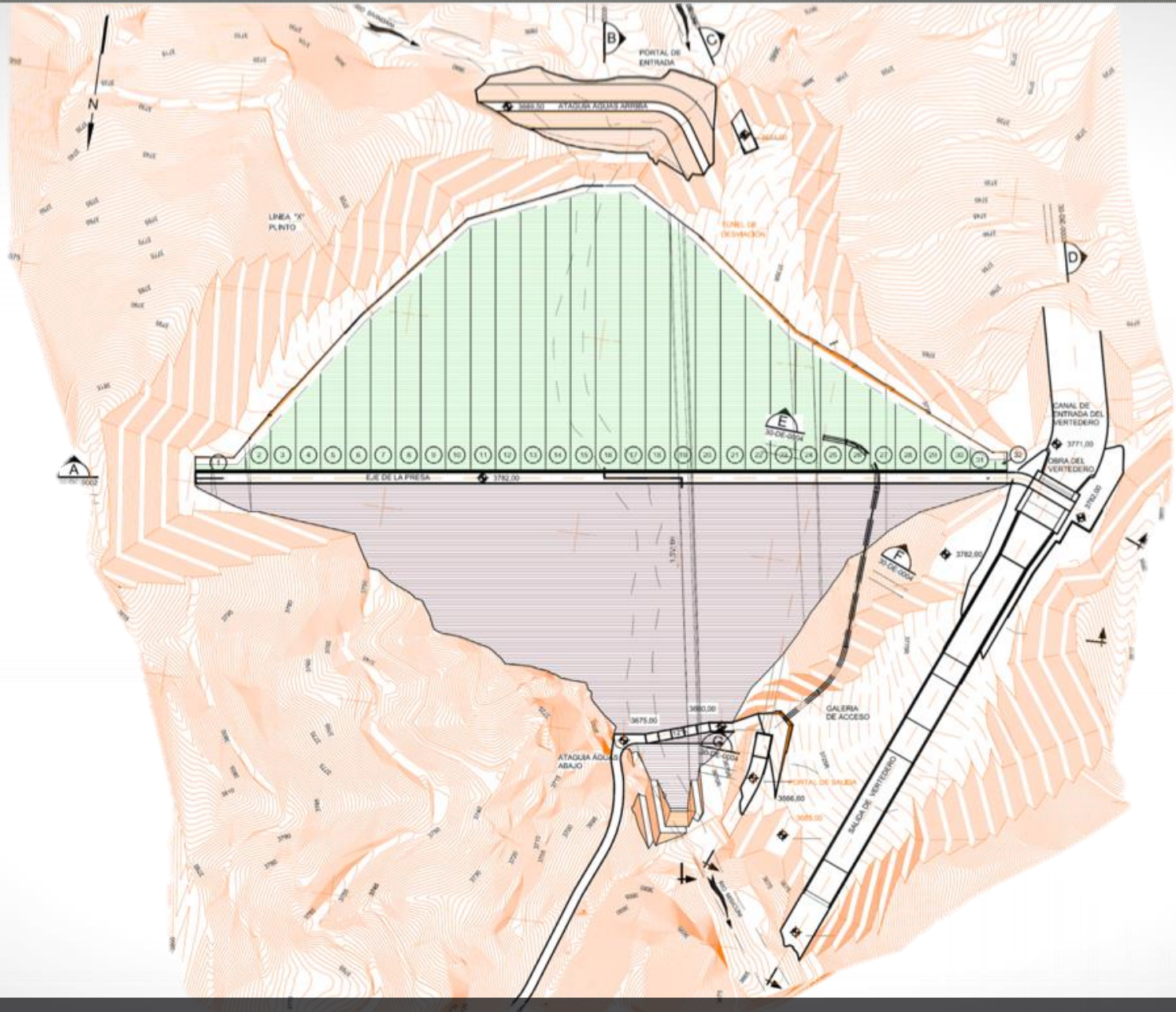
## DAM ON MISICUNI RIVER

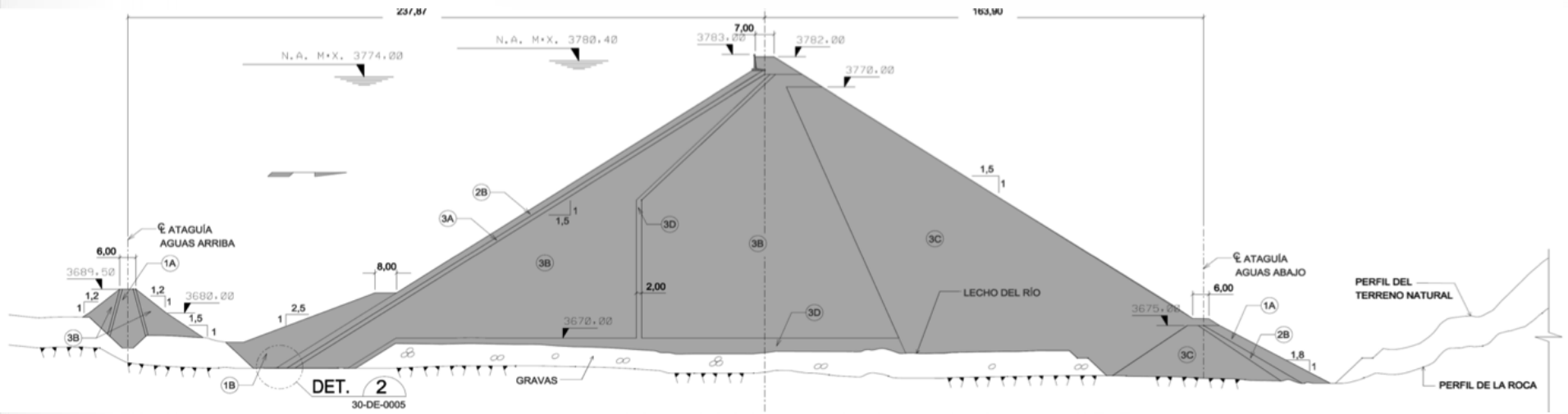
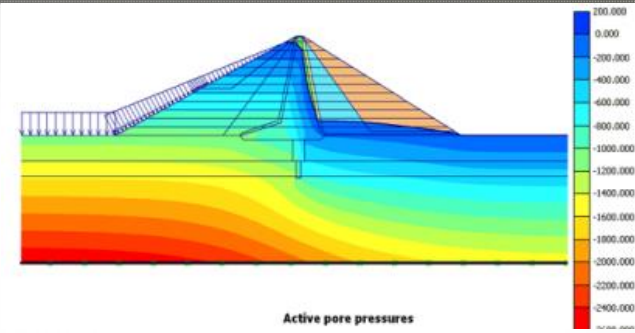
Bolivia

Client: Consorcio Hidroeléctrico Misicuni | Cost of works: € 58,000,000

Technical Assistance for the new dam on Misicuni river in Bolivia (the dam crest is 512 m long, 7 m large and 120 m high, with a total volume of 3.80 million of m<sup>3</sup>)











# INDUSTRIAL INTERCHANGE IN DOHA

Qatar

Client: Public Works Authority | Cost of works: € 150,000,000  
Post Contract Consultancy Services and Quantity Survey









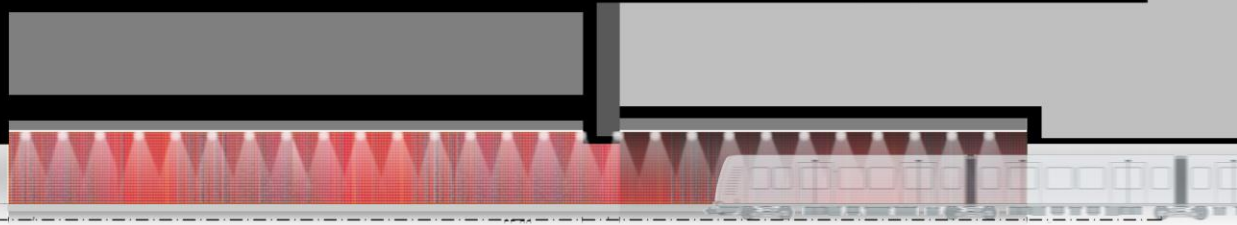
# METROPOLITAN LIGHT RAILWAY OF PALERMO

Italy

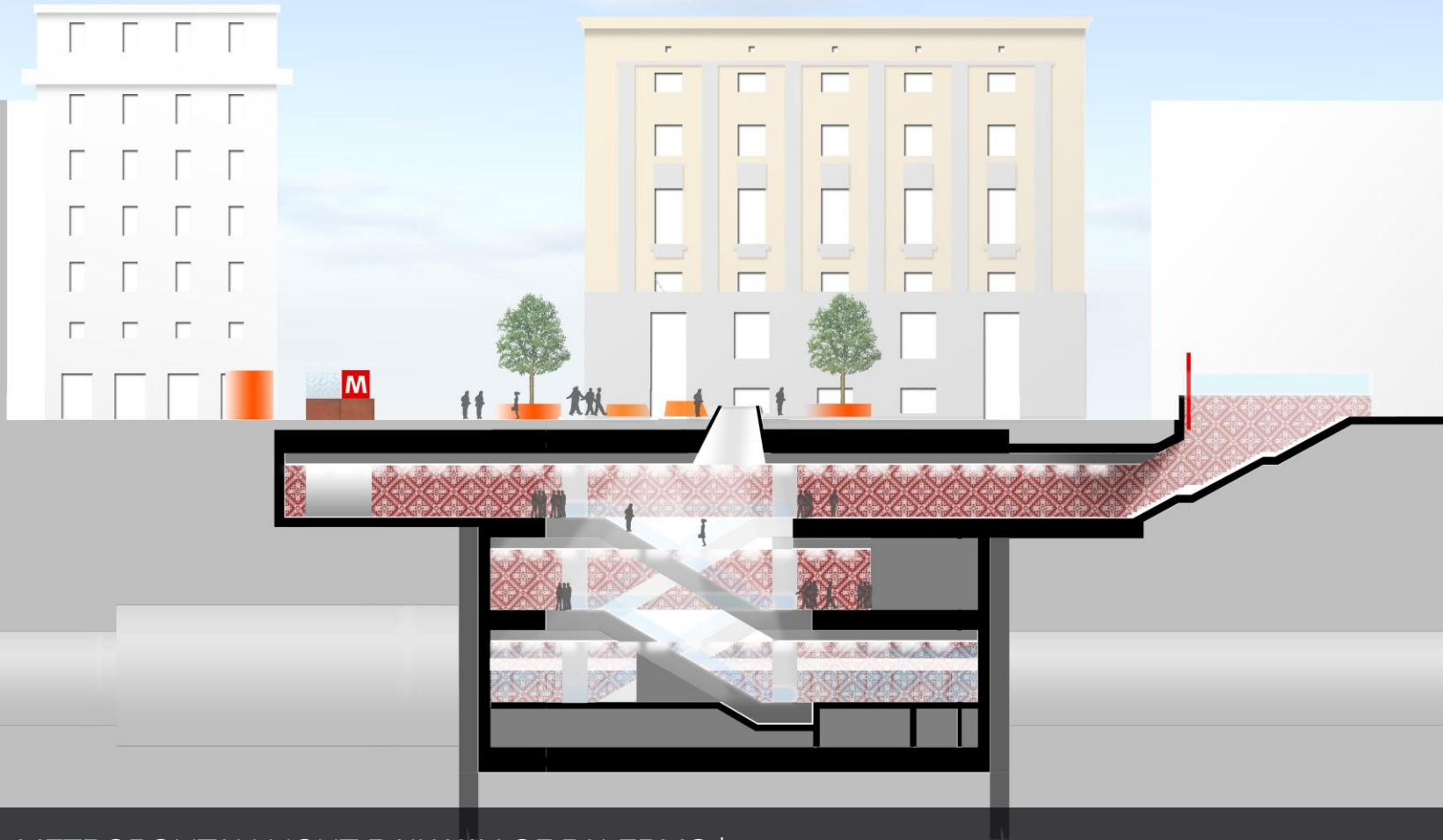
Client: Municipality of Palermo | Cost of works: € 570,000,000

Preliminary design, environmental impact study, geological and geotechnical studies and investigations











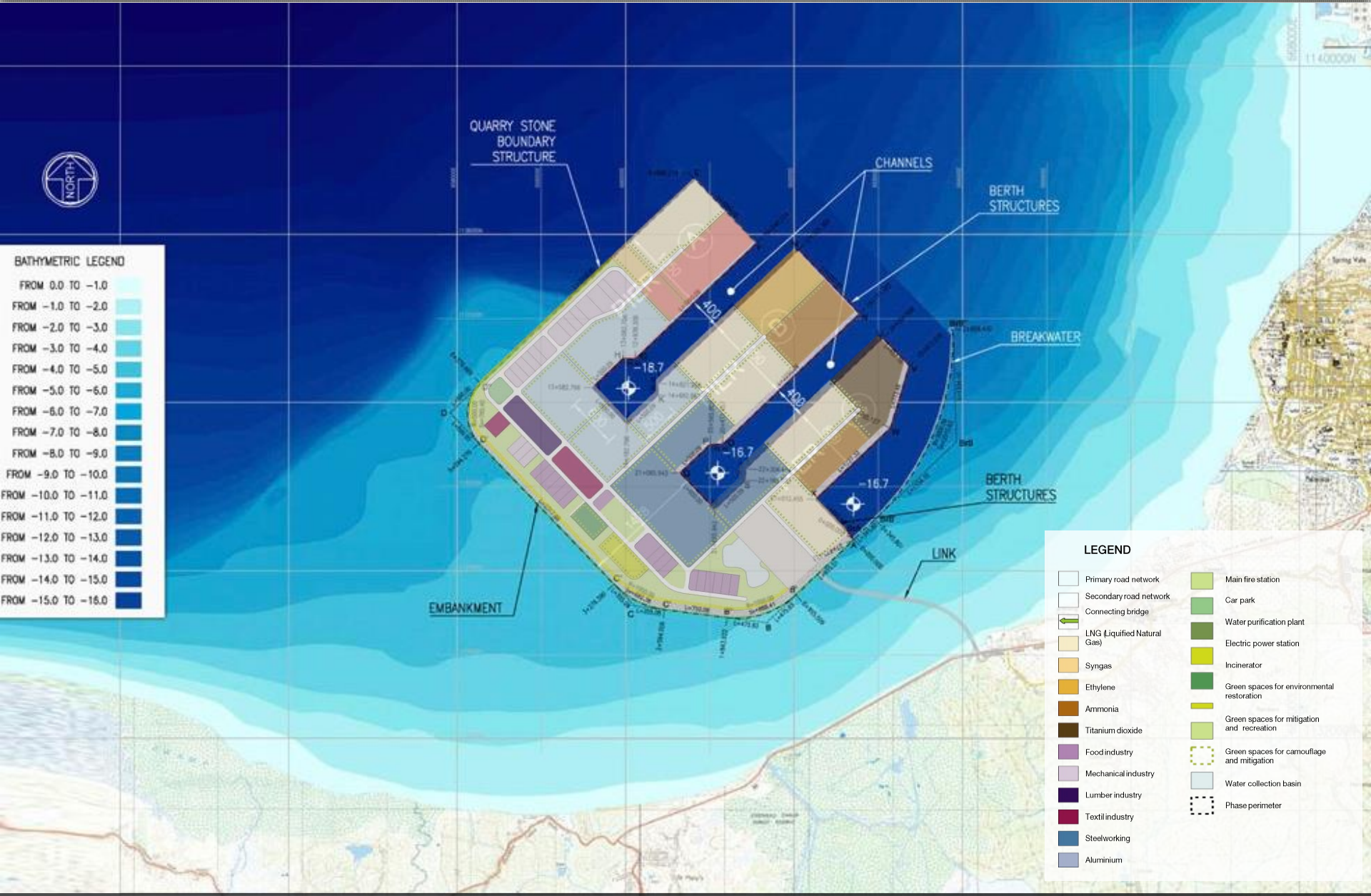
# OROPOUCHE BANK RECLAMATION PROJECT

Trinidad and Tobago

Client: National Energy Corporation of Trinidad and Tobago Limited (NEC)

Cost of works: € 3,200,000,000 (estimated)

Master plan, EIA, Detailed Design and Tender Documents for a new industrial site by building an off-shore reclaimed area

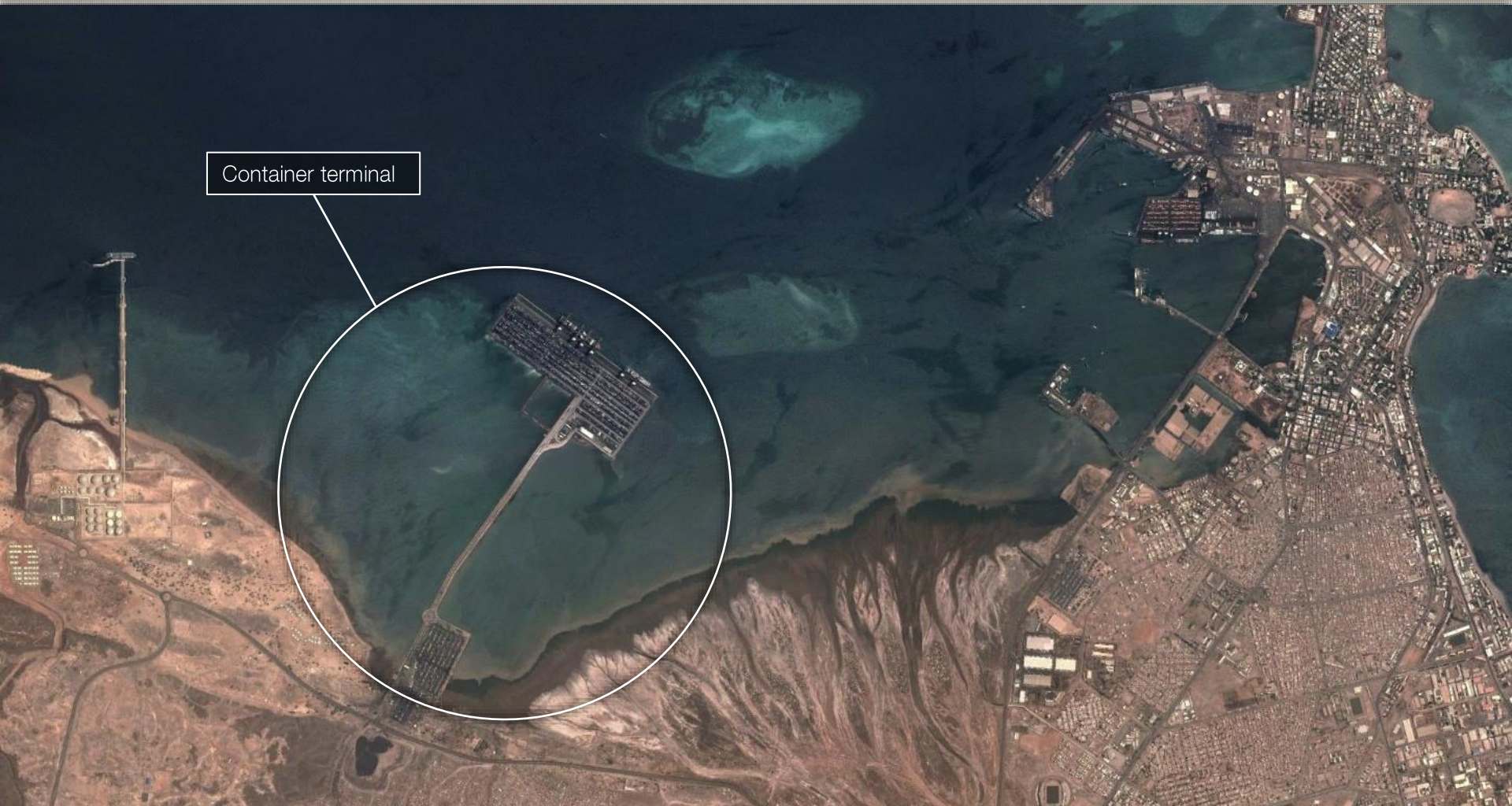


**BATHYMETRIC LEGEND**

FROM 0.0 TO -1.0
FROM -1.0 TO -2.0
FROM -2.0 TO -3.0
FROM -3.0 TO -4.0
FROM -4.0 TO -5.0
FROM -5.0 TO -6.0
FROM -6.0 TO -7.0
FROM -7.0 TO -8.0
FROM -8.0 TO -9.0
FROM -9.0 TO -10.0
FROM -10.0 TO -11.0
FROM -11.0 TO -12.0
FROM -12.0 TO -13.0
FROM -13.0 TO -14.0
FROM -14.0 TO -15.0
FROM -15.0 TO -16.0

**LEGEND**

	Main fire station
	Car park
	Water purification plant
	Electric power station
	Incinerator
	Green spaces for environmental restoration
	Green spaces for mitigation and recreation
	Green spaces for camouflage and mitigation
	Water collection basin
	Phase perimeter



# DORALEH CONTAINER TERMINAL

Djibouti

Client: Djibouti Port Authority and Dubai Ports International | Cost of works: € 150,000,000  
Design review and Supervision of construction works











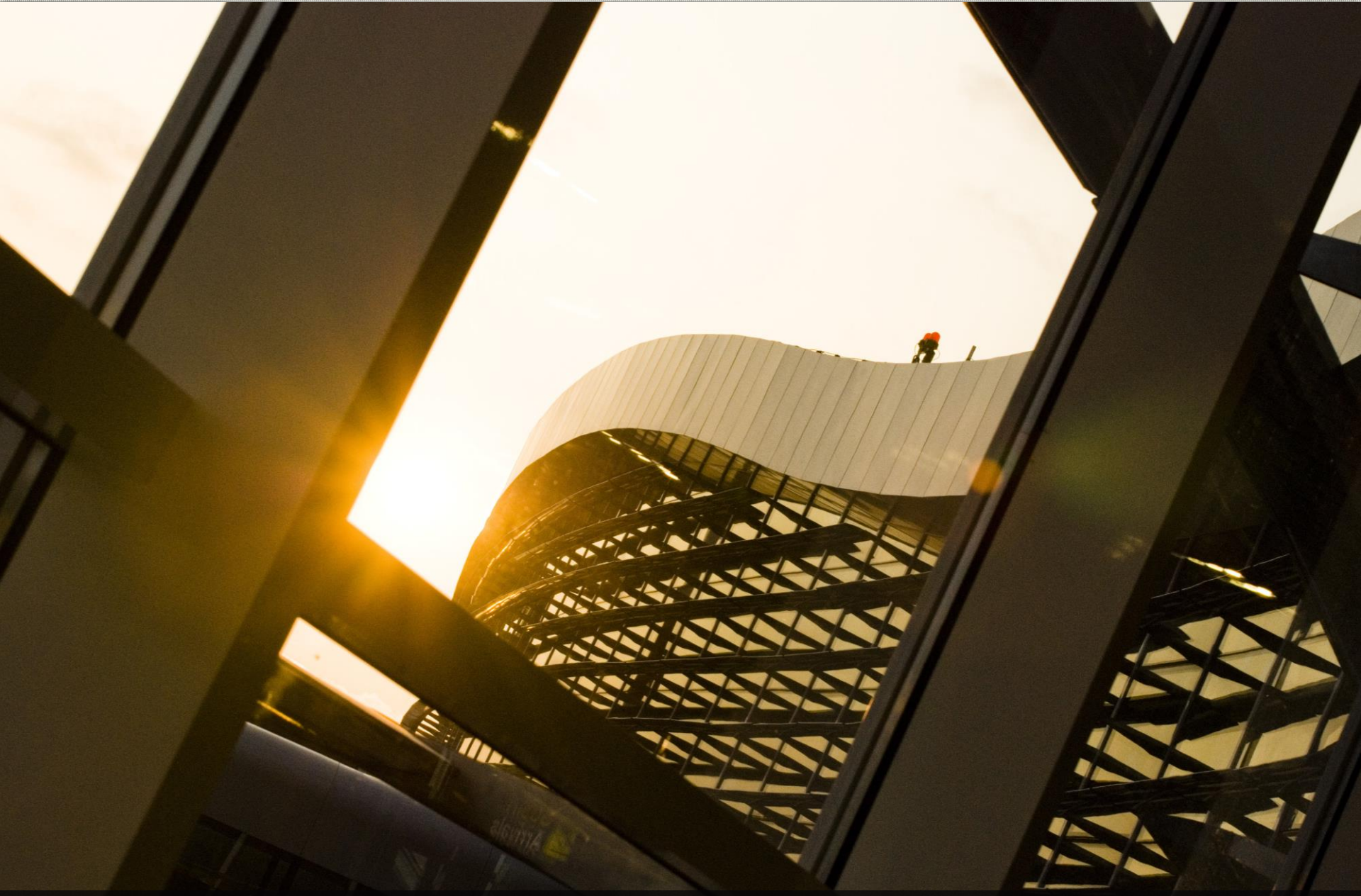
Otopeni International Airport

# OTOPENI INTERNATIONAL AIRPORT IN BUCHAREST

Romania

Client: Ali Trasporti Aerei S.p.A. (A.T.A.) | Cost of works: € 60,000,000  
Preliminary and Final Design













Community College Area

# COMMUNITY COLLEGE IN DUKHAN

Qatar

Client: Qatar Petroleum | Cost of works: € 100,000,000  
Concept, Preliminary & Detailed Design and Tender Services.











# URBAN WASTE WATER COLLECTION AND TREATMENT FOR GANVIE

Benin

Client: ANPT (Agence Nationale de promotion des Patrimoines et de développement du Tourisme)

Cost of works: € 22,600,000,000

Preliminary and Detailed Design, EIA, Tender Documents





New Port Area

# AL FAW GRAND PORT

Iraq

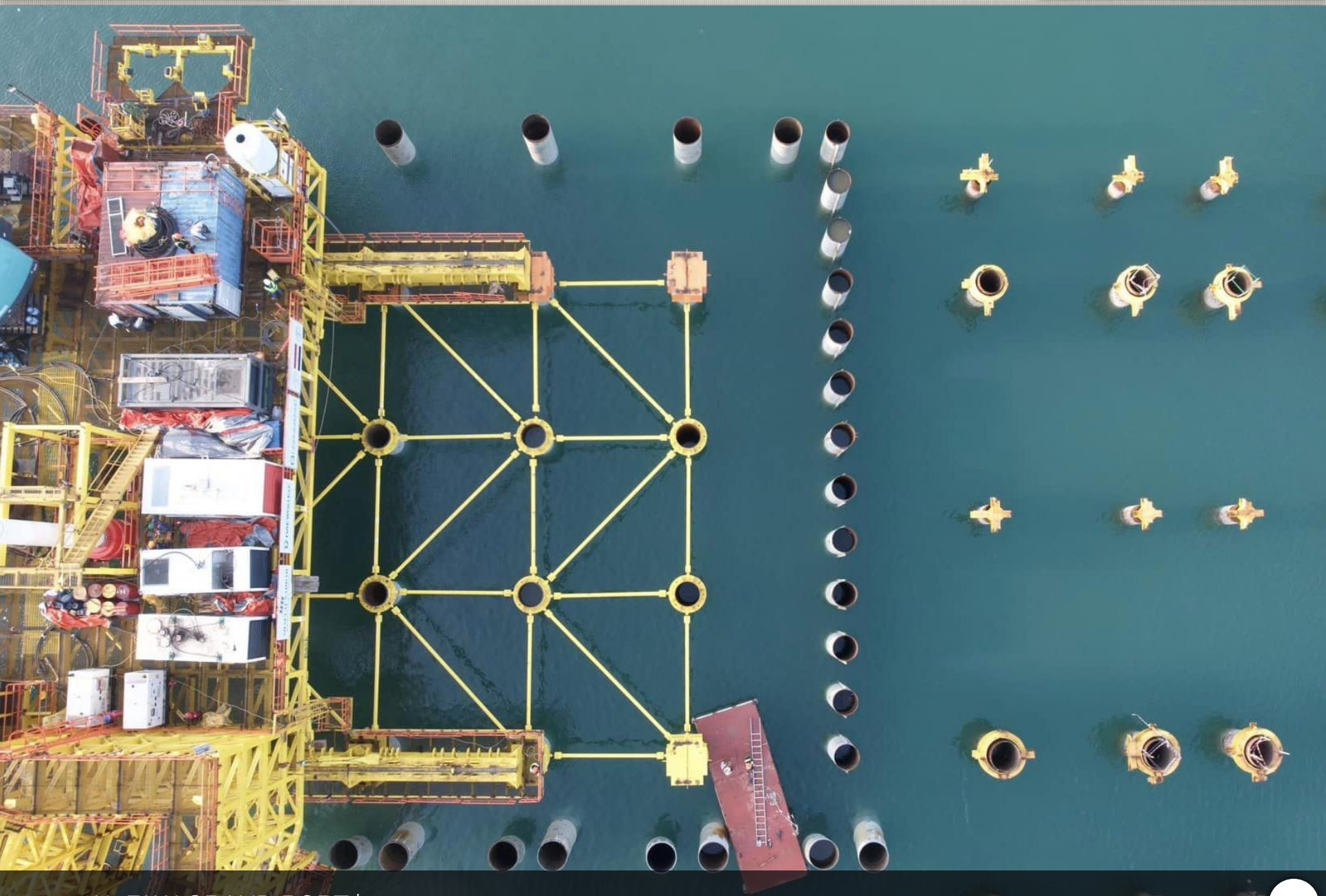
Client: Ministry of Transport | Cost of works: € 11,700,000,000

Master Plan, Design, PMC, Works Supervision















# EPCF FOR INFRASTRUCTURE DEVELOPMENT OF KONZA TECHNO CITY

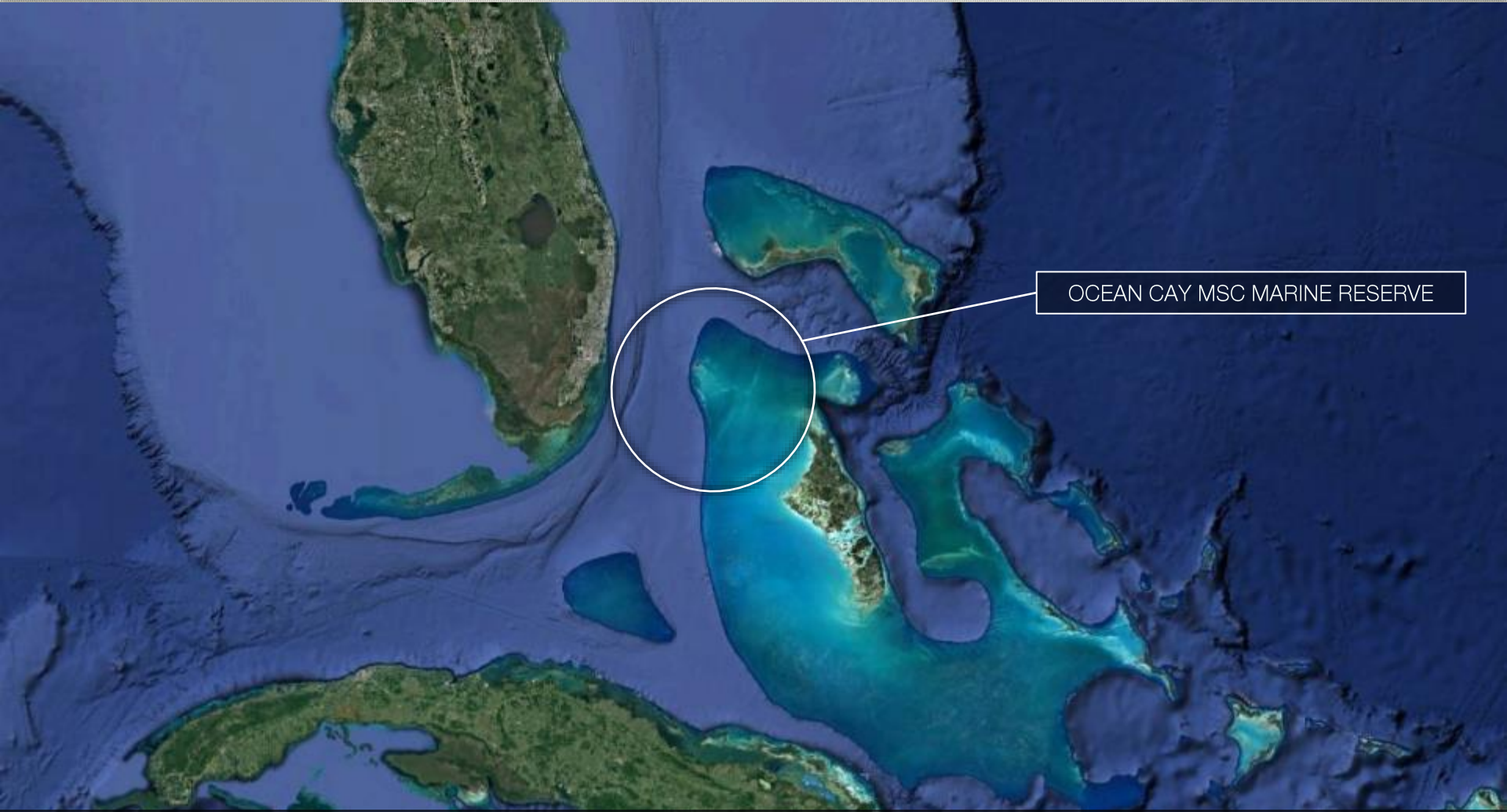
Kenya

Client: **Konza Technopolis Development Authority (KoTDA)** | Cost of works: **€ 367,000,000**  
Concept, Preliminary, Detailed and Final Design, Contract Management and Construction Supervision









OCEAN CAY MSC MARINE RESERVE

# CRUISE DOCKING FACILITIES - OCEAN CAY MSC MARINE RESERVE

Bahamas

Client: GLF Construction Corporation | Cost of works: € 25,000,000  
Detailed Design, Site Supervision, Technical Assistance during Construction











BIO-PLATFORM IN MILAN

# WASTE-TO-ENERGY PLANT FROM URBAN BIODEGRADABLE WASTE AND SLUDGES

Italy

Client: Cap Holding | Cost of works: € 37,665,215  
Detailed Design





THE SAN BERNARDO TUNNEL

# ROAD REHABILITATION WORKS BETWEEN ETROUBLES AND THE HIGHWAY JUNCTION FOR THE SAN BERNARDO TUNNEL

Italy

Client: ANAS S.p.A. | Cost of works: € 111,252,852  
Detailed Design and Technital Assistance during construction



ROAD REHABILITATION WORKS BETWEEN ETROUBLES AND THE HIGHWAY JUNCTION FOR THE SAN BERNARDO TUNNEL | Italy



# A4 MOTORWAY WIDENING

Italy

Client: TILIAVENTUM S.c.ar.l | Cost of works: € 289,761,446

Final and Detailed Design











## BASENTO – BRADANO WATER SCHEME

Italy

Client: The Authority for the Development of Irrigation and Land Transformation in Apulia, Lucania and Irpinia (E.I.P.L.I.)

Cost of works: € 73,000,000

Works Supervision









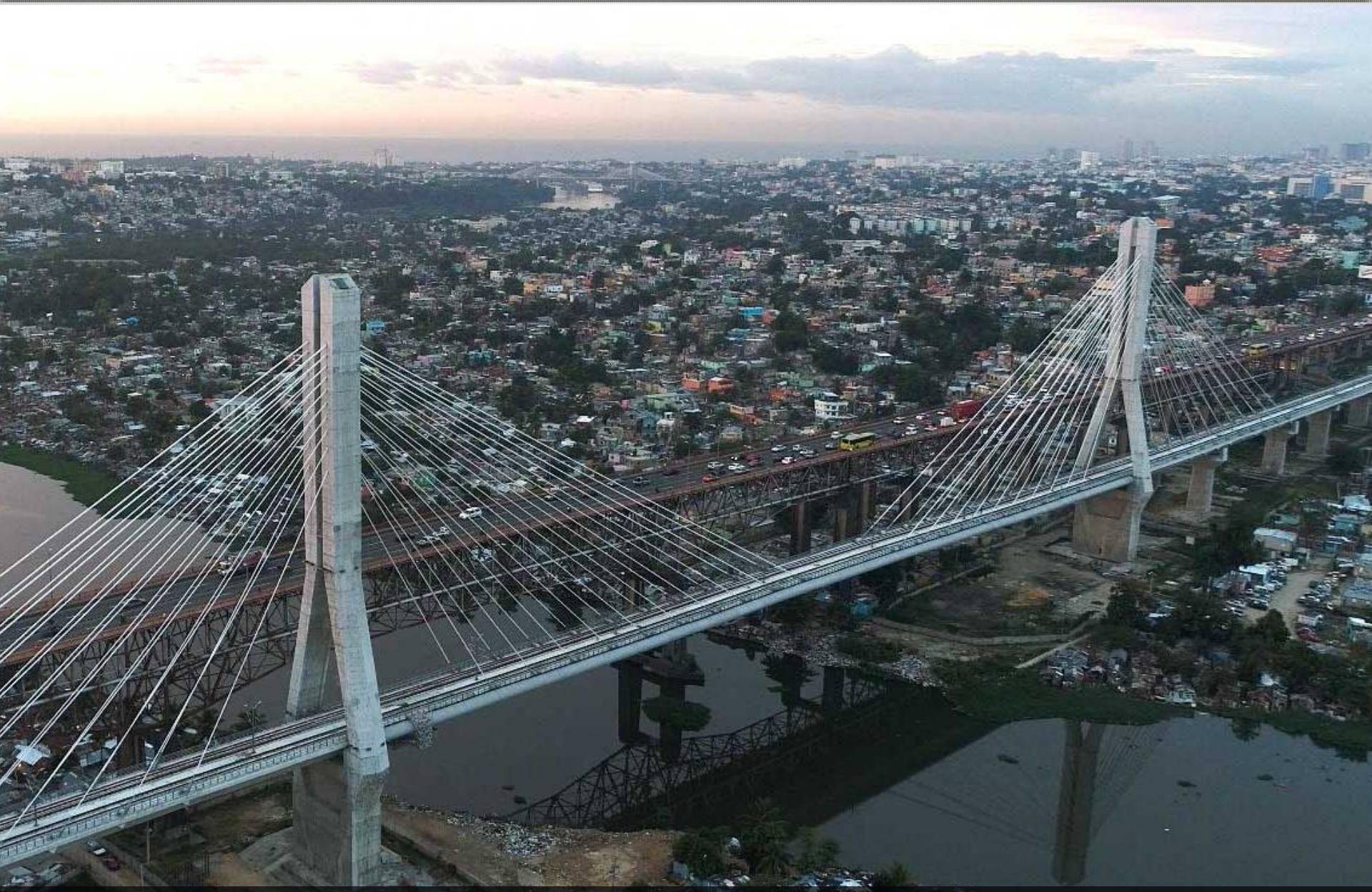
CABLE STAYED BRIDGE OVER RIO OZAMA

# SANTO DOMINGO METRO – CABLE STAYED BRIDGE OVER RIO OZAMA

Dominican Republic

Client: **Yellow Ingenieros & Arquitectos** | Cost of works: € 50,000,000  
Specialistic analysis, Independent check of the detailed design of the bridge







SANTO DOMINGO METRO – CABLE STAYED BRIDGE OVER RIO OZAMA | Dominican Republic





AL FAW PENINSULA INDUSTRIAL AND URBAN PLANNING

# AL FAW PENINSULA INDUSTRIAL AND URBAN PLANNING

Iraq

Client: Ministry of Transport | Cost of works: € 25,000,000,000 approx.  
Planning, Design, tender documents preparation









SCIAGUANA DAM

# REHABILITATION OF SCIAGUANA DAM

Italy

Client: Sicily Region Water and Waste Department | Cost of works: € 28,442,000  
Final Design, Detailed Design, Works Supervision











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