



COMPANY PROFILE 2025



The sea _____ our responsibility

INDUSTRIAL PORTS

www.seatec-sarl.com

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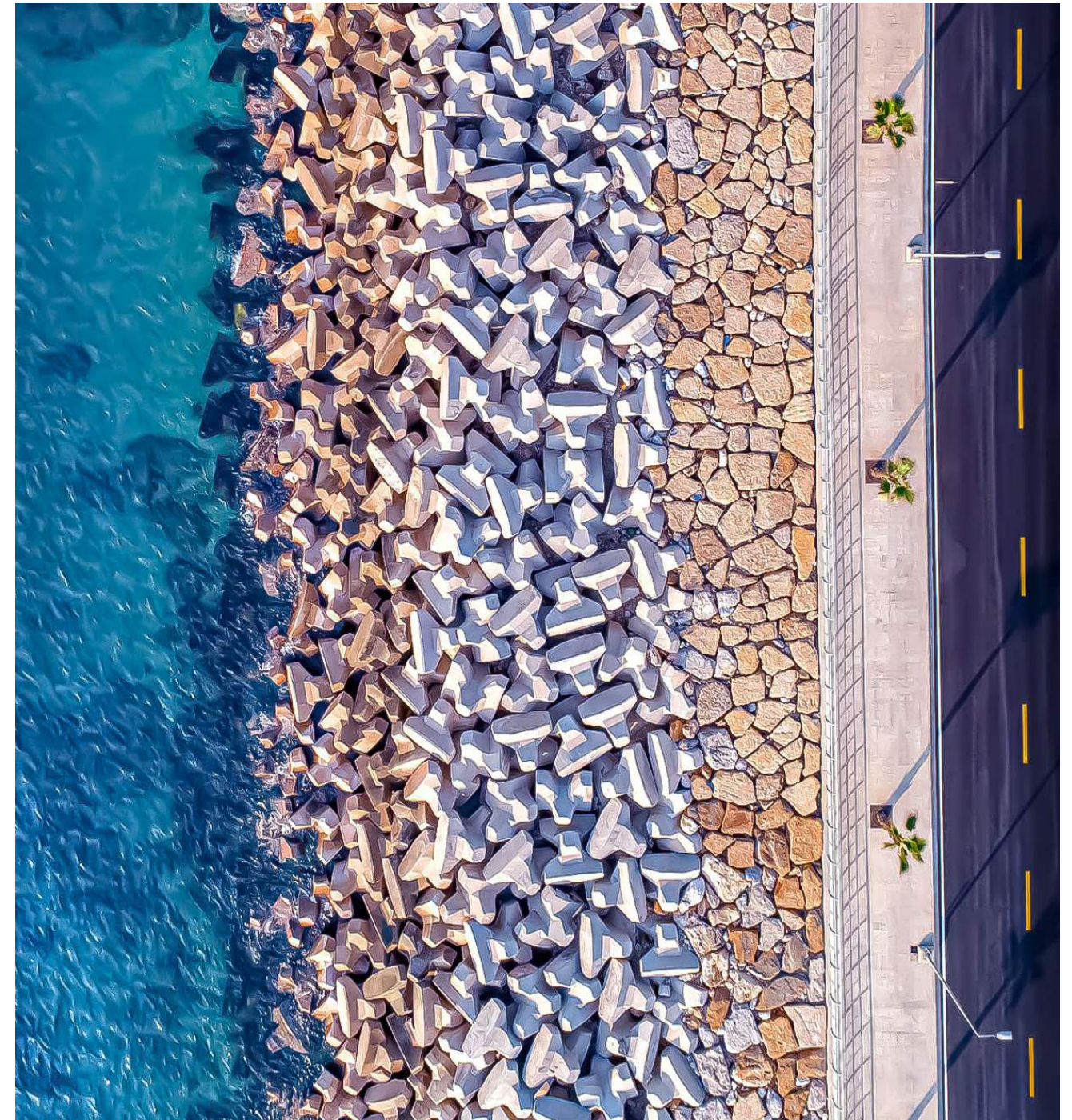
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SEATEC

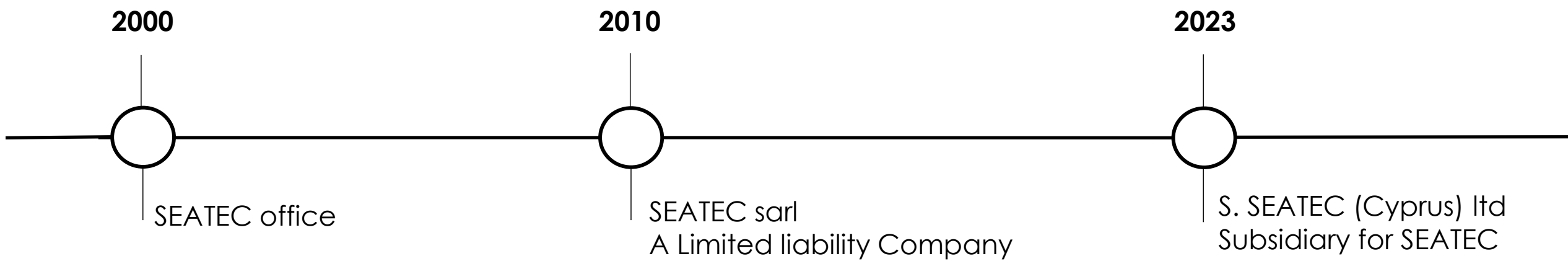
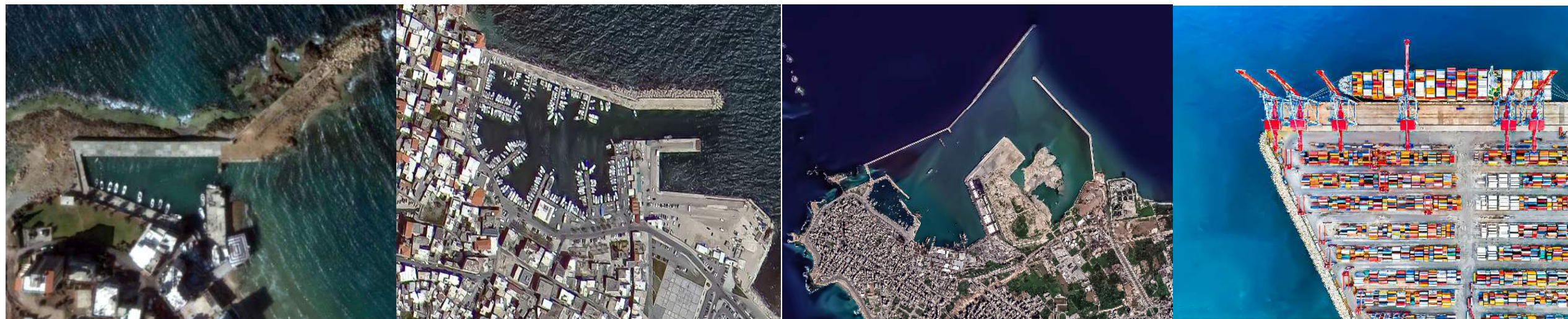
provides its clients with design and supervision services in coastal and port engineering, covering surveying, site investigation, master planning, numerical modeling, tender and detailed design, feasibility and EIA studies, permitting, construction planning, management and supervision.

Serving public as well as private sectors since 2000, SEATEC sarl is dedicated to give its clients the best engineering assistance.

SEATEC sarl operates in the EU territory through its subsidiary in Cyprus, S. SEATEC (Cyprus) Ltd.



COMPANY HISTORY



PROJECTS LOCATION



Countries ●	
Middle East	AFRICA
Lebanon	Egypt
Jordan	Libya
Syria	Tunis
GULF	Algeria
UAE	Djibouti
KSA	Ivory Coast
Qatar	Cameroon
Oman	Nigeria
ASIA	EUROPE
India	Cyprus

GET IN TOUCH WITH US

5

HEAD OFFICE

SEATEC sarl

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31 Ernest Renan St.,
PC 4504 Byblos, LEBANON

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Web : www.seatec-sarl.com
E-mail : seatec@seatec-sarl.com

SUBSIDIARY OFFICE

S. SEATEC (CYPRUS) Ltd

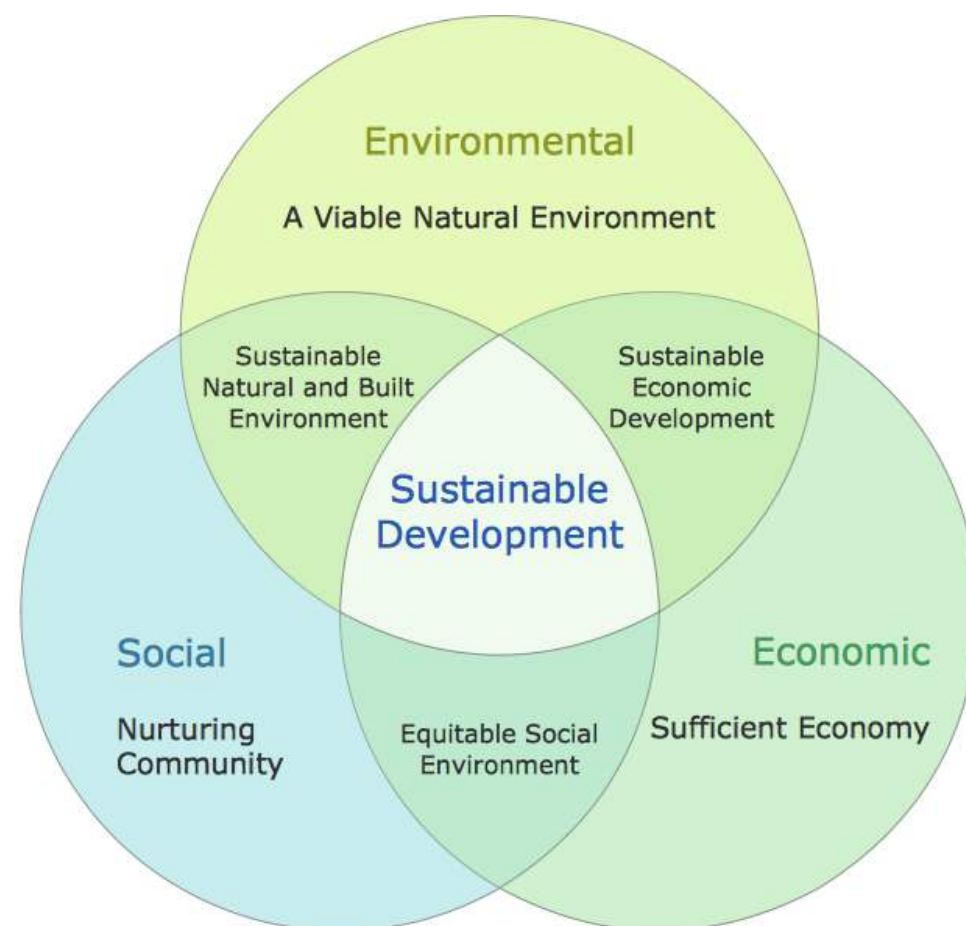
Michail Olympiou, 26 Dali,
2540 Nicosia, CYPRUS



VISION 01

SUSTAINABLE ENGINEERING SOLUTIONS

"Leading the way in creating sustainable and resilient engineering solutions that harmonize with nature and withstand the test of time"



VISION 02

ECO-FRIENDLY AND GREEN PRACTICES

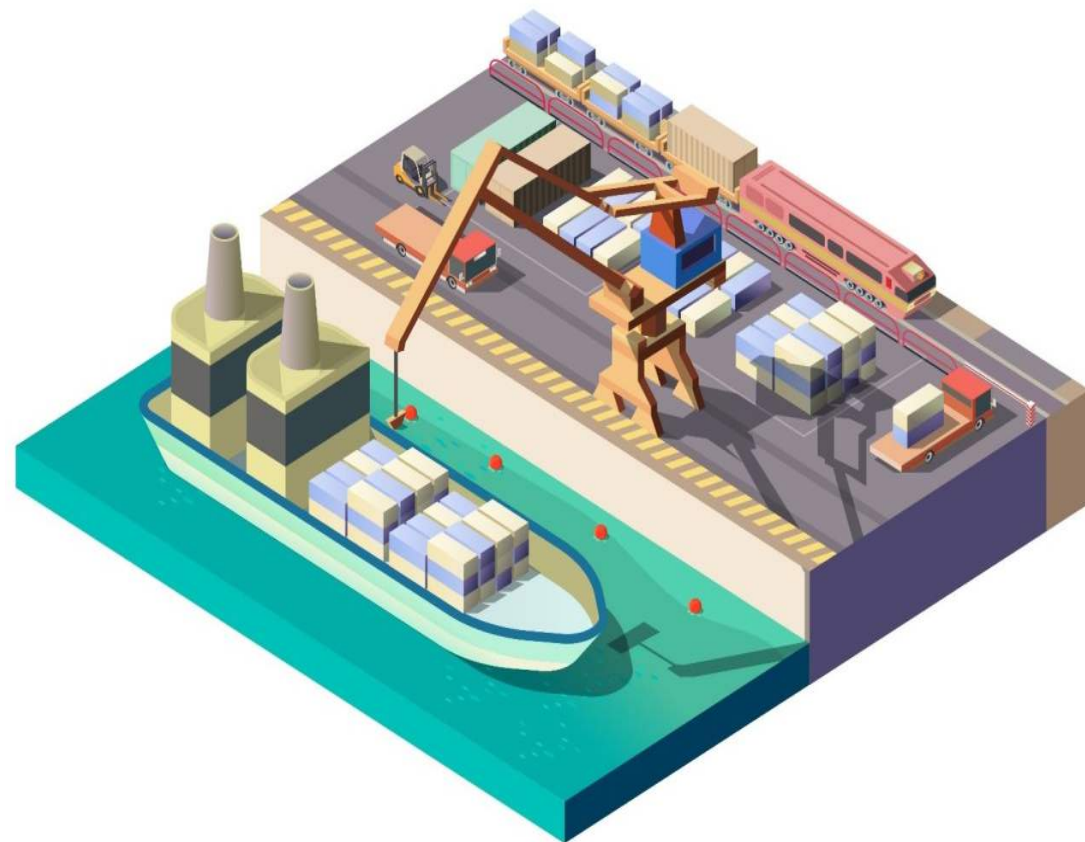
"Pioneering eco-friendly and green solutions that preserve coastlines and promote a sustainable future for generations to come"



VISION 03

SMART PORTS

"Transforming ports into smart, efficient, and interconnected hubs that drive global trade and economic growth".



VISION 04

INNOVATIVE COASTAL DEVELOPMENTS

"Fostering innovative coastal developments that boost local economies and enhance the quality of life for coastal communities".



INTRO

SERVICES

SEATEC sarl (www.seatec-sarl.com) is a multi-disciplinary engineering company, operating since 2000, mainly specialized in the design and supervision of coastal and ports projects, covering :

- Ports: commercial, cruise, marinas, fishing, industrial, naval bases...
- Specialized Terminals: Containers, general cargo, bulk, Agri bulk, oil and gas...
- Urban Waterfronts developments
- Coastal protections
- Dredging and reclamation works
- Beaches (protection and artificial nourishment)
- Offshore pipelines (outfalls, intake pipes...)
- Mooring structures, ship lifts
- Marine infra (Breakwaters, quay walls, platforms, slipways...)



CAPACITY OF THE COMPANY

9

SERVICES

SEATEC offers a range of services through an experienced team in coastal and port engineering field :

- Site selection and evaluation
- Topographic and bathymetric survey
- Underwater inspection
- Rehabilitation of existing infrastructure
- Development of new infrastructure and facilities
- Master planning (future development) and phasing
- 3D presentations (views and videos)
- Feasibility studies
- Design optimization
- Design review /value engineering
- Preliminary and detailed design
- Execution drawings
- Numerical modelling
- Environmental Impact Assessment (EIA) studies
- Permitting and consents from relevant public authorities
- Tender documents
- Assistance to clients in selection of contractors



SERVICES

- Supervision services, management and supervision of construction sites in accordance with health and safety guidelines, through an experienced team of site engineers, supervisors, surveyors and divers
- Supervising contractors, subcontractors and work activities
- Compliance of executed works with the relevant building regulations, quality standards
- Construction permit and with the specified technical documentation and guidelines
- Issuing of information and instructions on behalf of the client
- Validate of contractor's payments
- Hazards and risks assessment and Prevention of construction errors
- Carrying out regular inspections and raising safety concerns at the appropriate level
- Keeping construction on schedule, construction errors
- Completing records for site reports
- Resolving problems and implementing improvements
- Works handing over certificate



OUR TEAM

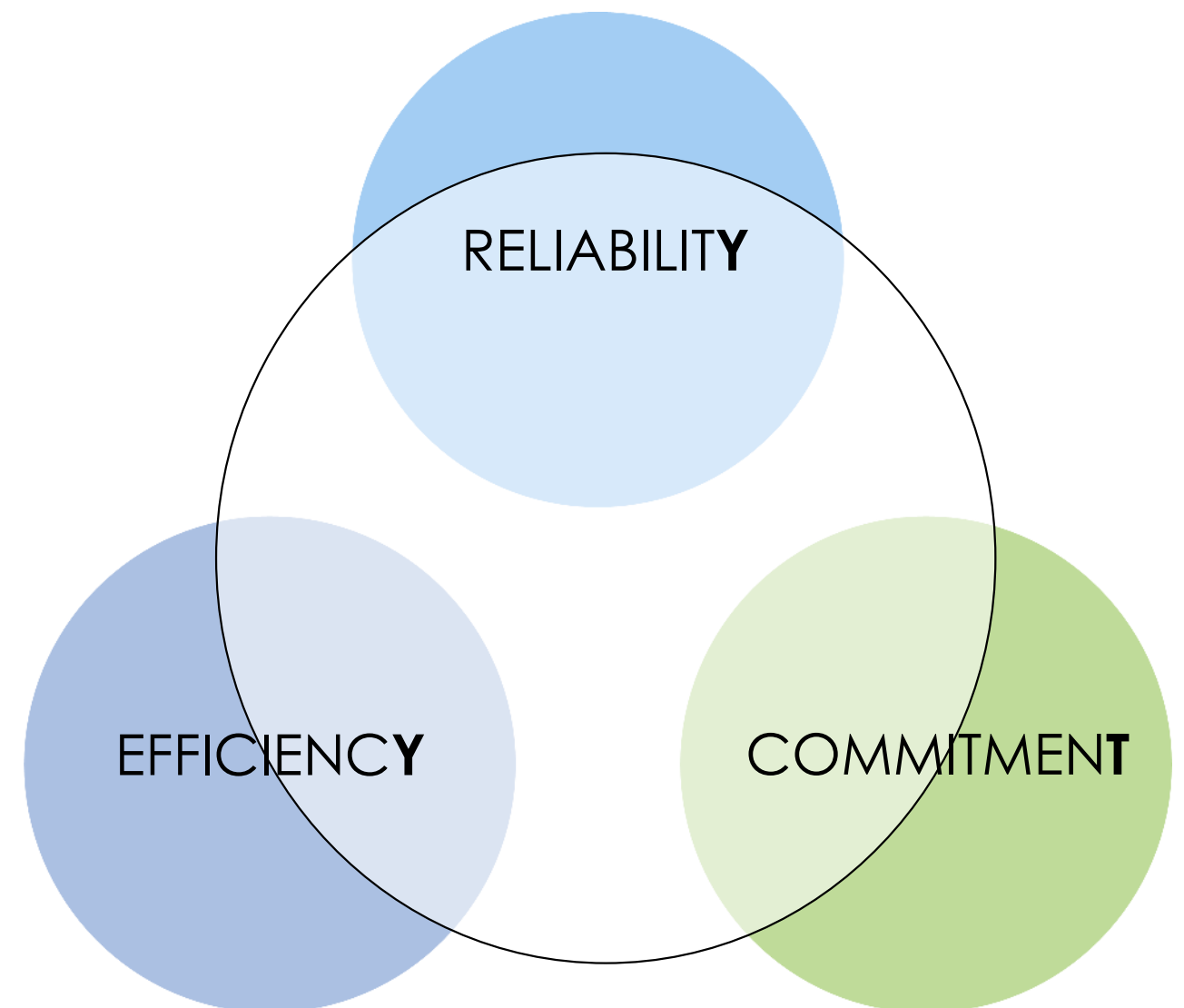
SEATEC have an experienced Team for in house design, covering all coastal and ports engineering aspects, geotechnical analysis, numerical modeling, works supervision..., keeping an excellent cooperation with leading European maritime and hydraulic laboratories for 2D/3D physical modeling.

A strong team spirit with the Client will be essential, working as part of a single entity rather than as competent individuals.

The team of experts is mostly composed of people involved in our recent projects, carefully selected for their:

- Experience in the field of expertise
- Efficiency
- Experience in working with each other
- Ability to advise both public and private Clients

Moreover, SEATEC can mobilize on short notice its technical resources when and where such expertise is needed.



OUR NUMBERS



SINCE
2000



COUNTRIES
+16



CLIENTS
+50



PROJECTS
+450

INDUSTRIAL PORTS



DOUALA PORT EXPANSION (1/2)

14

Client Contracting Company N/A

Location CAMEROUN – Douala
4°01'40" N
9°40'18" E

Consultant SEATEC sarl

Douala Port Expansion

Year 2024
Conceptual Design

- Master Plan

Container Terminal

- Quaywall (L=250m @-6.050m LAT) / Piling system
- Terminal platform (135,750m²)
- Terminal area for containers storage (57,000m²)
- Maintenance area (5,200m²)
- Trucks parking (17,000m²)
- Feeders area (1,620m²)
- Warehouses (1,620m²)
- Workshops (400m²)
- Offices (2,400m²)



Ports / Container Terminals / General Cargo Terminals / **Industrial Ports** / Lift Structures / Slipways / Dredging

Douala Port Expansion

General Cargo Terminal

- Quaywall (L=245m @-6.50m LAT) / Piling system
- Terminal platform (37,000m²)
- Warehouses (9,720m²)

Ro-Ro Terminal

- Quaywall (L=100m @-6.50m LAT) / Piling system
- Terminal platform (6,900m²)

Maintenance area

- Slipway
- Area (10,600m²)
- Workshops (615m²)

Parking with photovoltaic pannels

- Area (29,800m²)

Offices

- Area (57,200m²)
- Offices area (21,600m²)

- Basin and entrance channel dredging @-6.50m LAT.
- Drawings / BoQ

Ports / Container Terminals / General Cargo Terminals / **Industrial Ports** / Lift Structures / Slipways / Dredging



HOLCIM BREAKWATER REHABILITATION

16

Client HOLCIM sal
Location LEBANON – Chekka
34°18'48" N
35°42'44" E
Consultant SEATEC sarl

HOLCIM Breakwater Rehabilitation

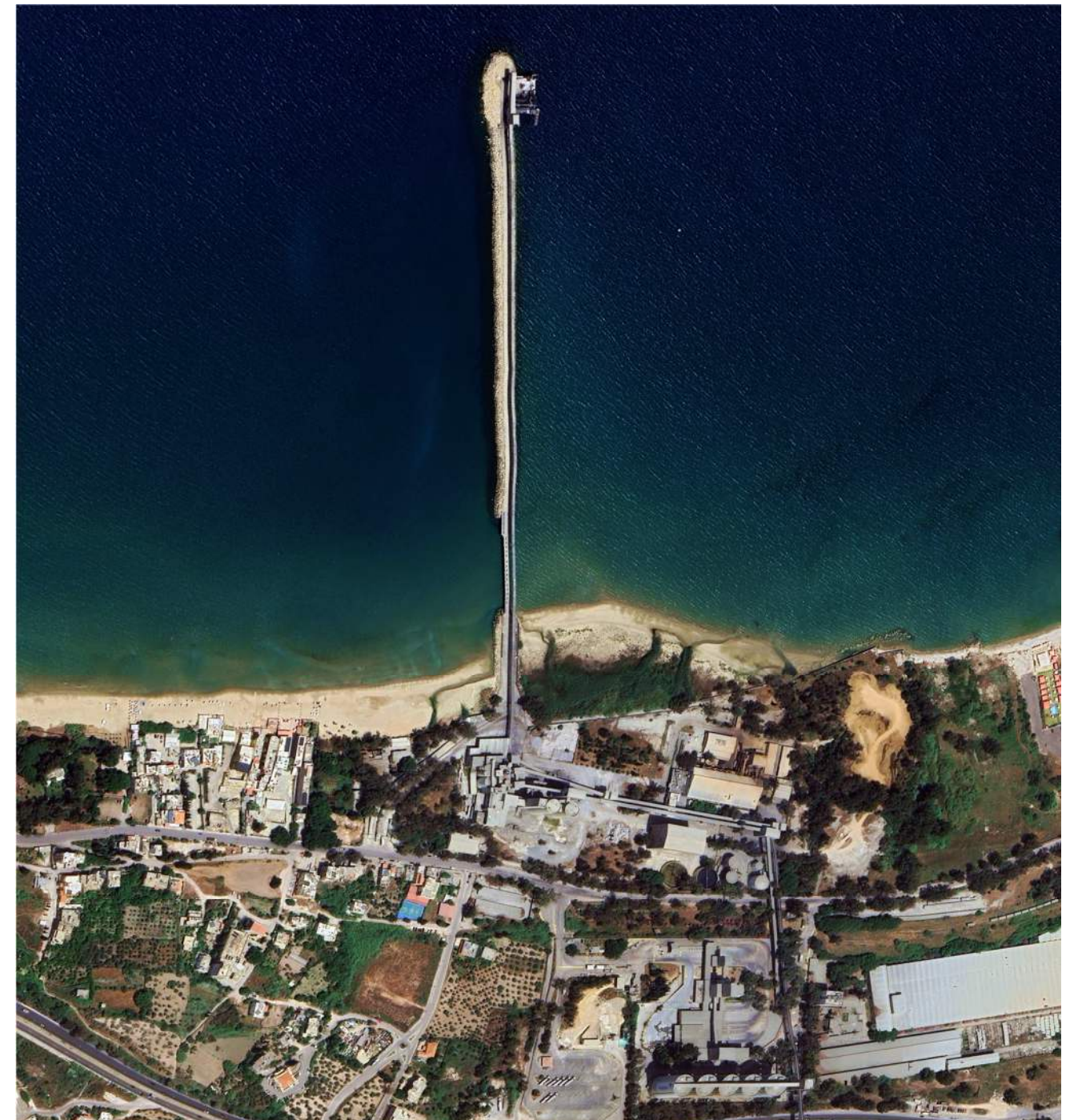
Year 2022
Design / Surveying / Permitting

- Rehabilitation works related to the damaged parts of the main breakwater L=50m @max -10.50m MSL (Rubble mound breakwater type, rocky filter and armor layer made of precast concrete Accropodes Blocks Type II / Rocky armor variant)
- Rocky toe
- Topographic survey (2,200m²)
- Bathymetric survey (64,000m²)
- Tender Documents / Drawings / Permitting

Year 2022
Works follow up

- Contractor : STC
- Duration : 3 months

Ports / Industrial Ports / Surveying / Permitting



FTZ / JETTY AT AKWA IBOM (1/2)

17

Client CONE ltd
NDM Consultancy

Location NIGERIA - Akwa Ibom
4°30'14" N
7°35'11" E

Consultant SEATEC sarl

FTZ / Jetty at Akwa Ibom

Year 2021
Conceptual Design

The Free Trade Zone (FTZ) is situated in the south-western part of Akwa Ibom State and extends across Ikot Abasi, Eastern Obolo, Mkpai Enin, Ibeno, Onna and Oruk Anam Local Government Areas, covering an area of 500Km².

The site will be developed into a world class Mega Industrial City, with a Free Trade Zone which will consist of a multipurpose jetty for shipment of general goods, Agri bulk cargoes, ferry services, ro-ro services, oil and gas logistics and coastal supply of petroleum products.

Ports / Coastal Protections / Revetments / Mooring structures / Dolphins / Dredging / General Cargo Terminals / **Industrial Ports** / Oil & Gas Terminals / Container Terminals / Service Ports



FTZ / Jetty at Akwa Ibom

Conceptual Design

1. Assessment of existing studies and design report

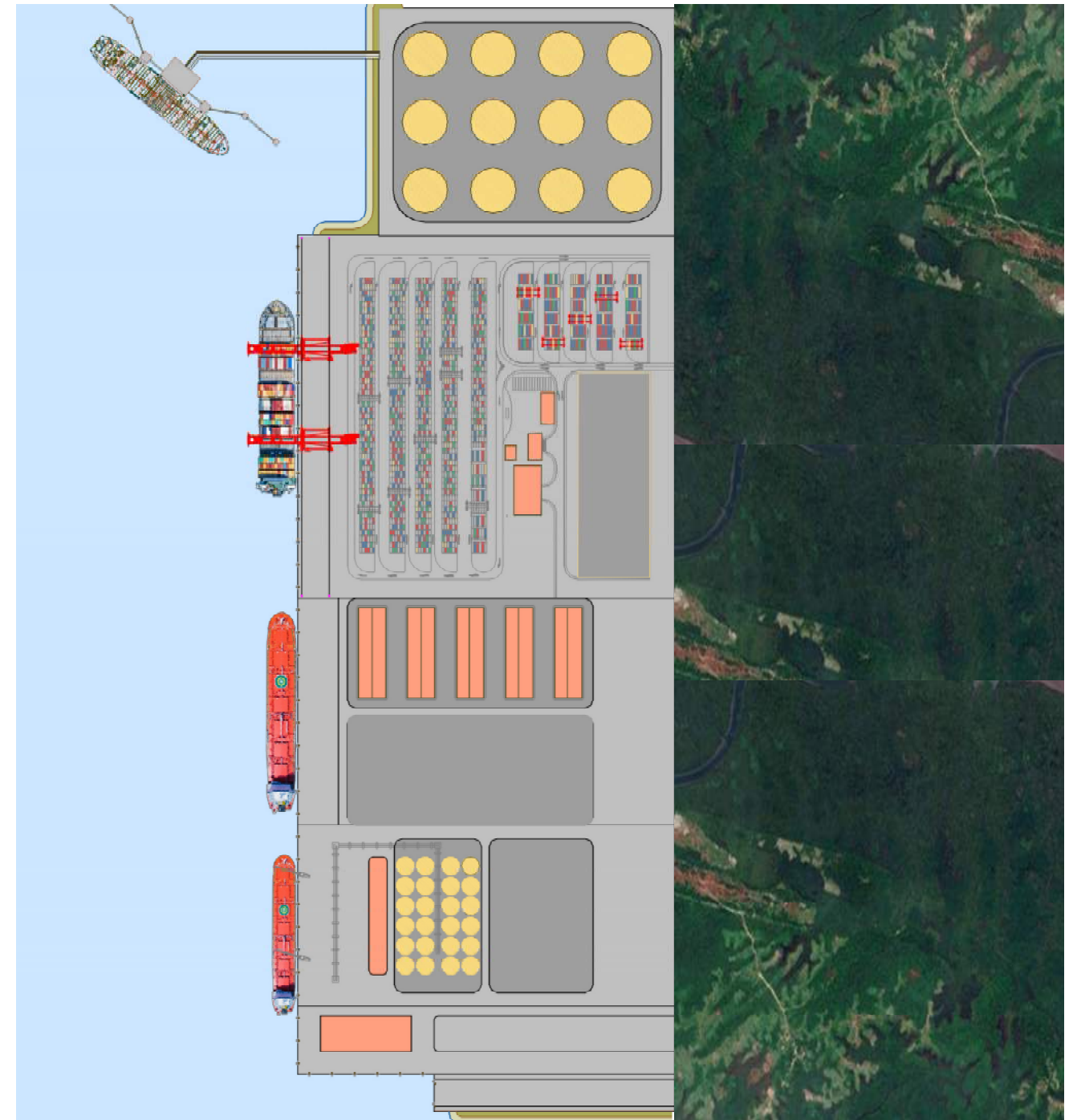
1. New conceptual layout / master plan of the FTZ:

- Petroleum and Energy District
- Industrial District
- Commercial District
- Central Business District
- Residential District
- Recreational and Eco-tourism District
- Agro-allied District

3. FTZ multipurpose jetty:

- Oil and Gas Terminal (81,000m² tank farm / Unloading Fuel Jetty L~250m @-12.00m)
- Container Terminal (166,000m² / Quaywall L~400m @-12.00m)
- General Cargo Terminal (103,000m² / Quaywall L~250m @-12.00m)
- Agri-bulk Terminal (83,000m² / Quaywall L~200m @-12.00m)
- Ferry Terminal (42,000m² / Quaywall L~75m @-8.00m)

Ports / Coastal Protections / Revetments / Mooring structures / Dolphins / Dredging / General Cargo Terminals / **Industrial Ports** / Oil & Gas Terminals / Container Terminals / Service Ports



Client CCIAT (Chamber of Commerce Industry and Agriculture at Tripoli and North Lebanon)

Location LEBANON - North Lebanon -
Tripoli city to Klayaat airport
34°30'30"N
35°56'50"E

Consultant SEATEC sarl

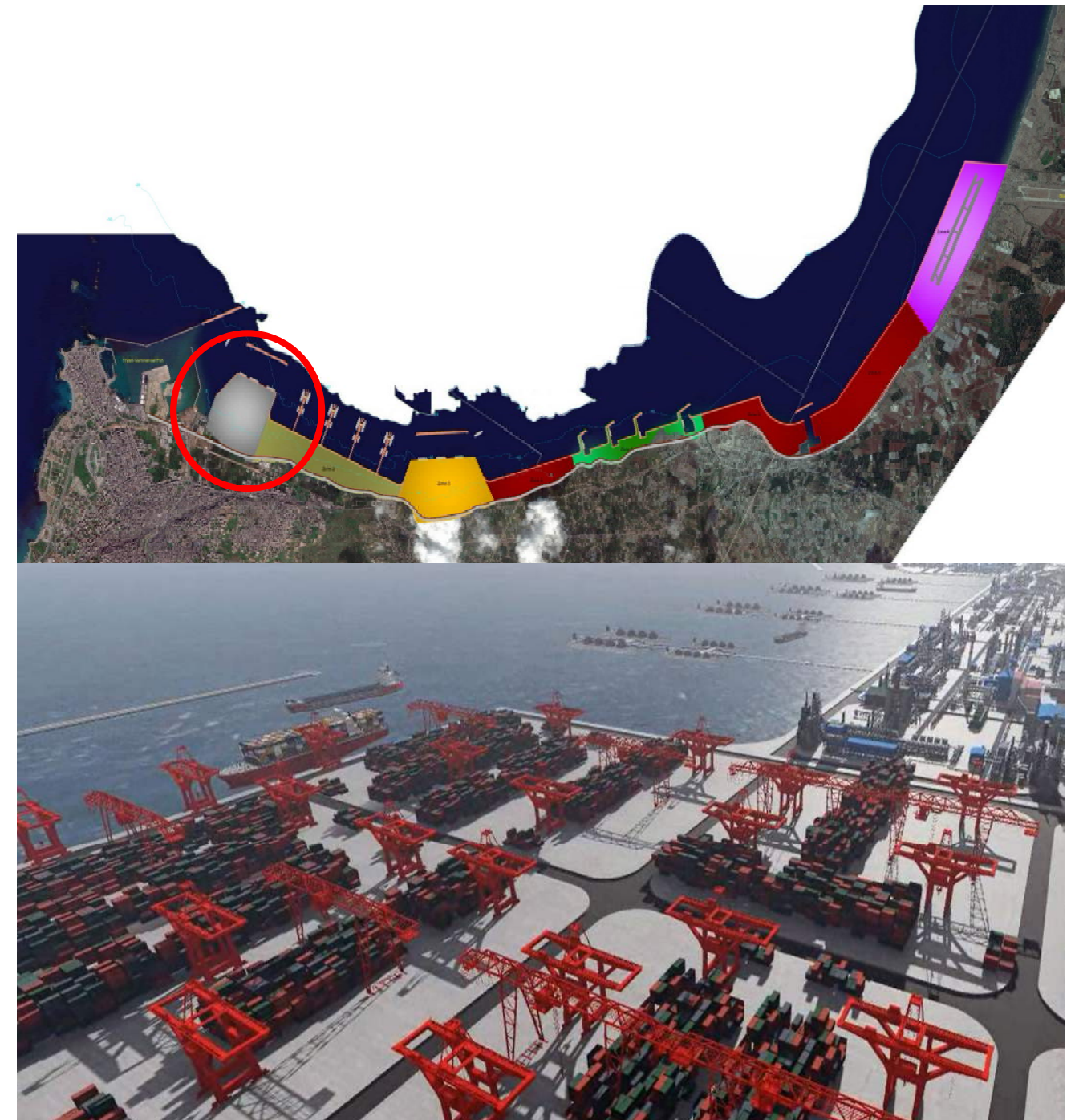
RECNO^R (Reclamation at North Lebanon)
Industrial zone from the Port of Tripoli to Klayaat Airport (23km of shoreline)

Year 2018 – 2019 – 2020 – 2021
Conceptual Design / Permitting

Zone 1 (1,750,000m²)

- Zone 1A (707,000m²) New container terminal
- Detached main breakwater (Rubble mound type, L=1,000m @max -15.00m MSL, core material, rocky filter and concrete Accropodes blocks)
- Extension of the Port main breakwater (Rubble mound type, L=1,000m @max -20.00m MSL, core material, rocky filter and concrete Accropodes blocks)

Ports / Waterfronts / Permitting / General Cargo Terminals / **Industrial Ports** / Oil & Gas Terminals / Fishing Ports / Container Terminals / Service Ports / Coastal Protections / Revetments / Mooring Structures / Dolphins



REC NOR

- Main quaywall (L=1000m @-15.00m MSL) / sheetpiles QW

Zone 1B (326,000m²)

- Reclaimed area / extension of Tripoli Port existing container terminal

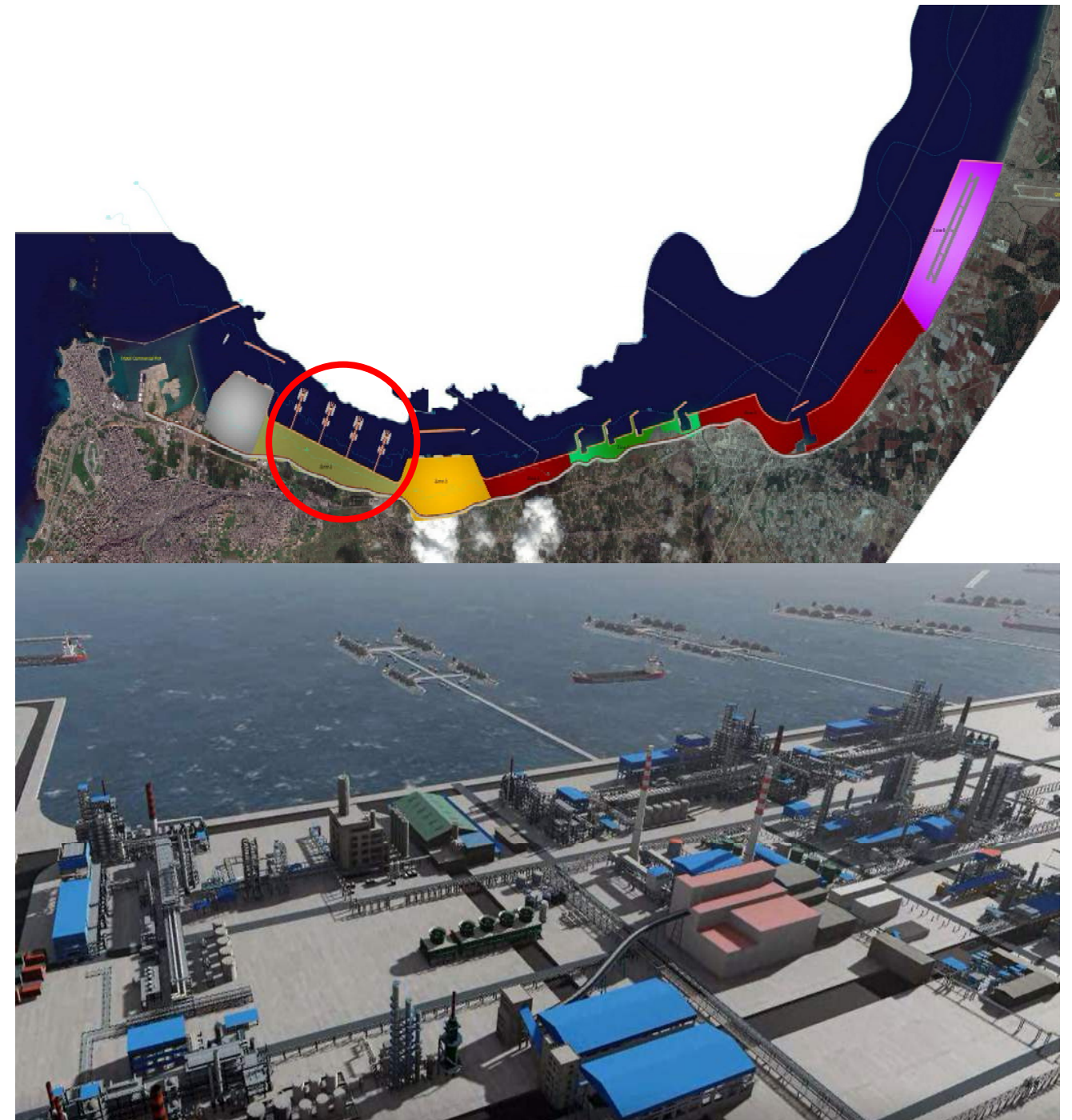
Zone 1C (716,000m²)

- Reclaimed area / new special economic zone (SEZ)

Zone 2 (1,857,000m²) Oil and gas terminal

- 4 Jetties for tankers berthing (Metallic structure on piles, L=870m)
- Berths (L=140m @-12.00m MSL, Nbr 8) / Breasting and Mooring dolphins
- Berths (L=225m @-18.00m MSL, Nbr 8) / Breasting and Mooring dolphins
- Reclaimed platforms for oil, gas and petrochemical industry, refineries, fuel storage tanks...
- Berthing capacity (16 tankers)

Ports / Waterfronts / Permitting / General Cargo Terminals / **Industrial Ports** / Oil & Gas Terminals / Fishing Ports / Container Terminals / Service Ports / Coastal Protections / Revetments / Mooring Structures / Dolphins



RECNR

Zone 3 (2,147,000m²) General cargo terminal and industrial zone

- Detached main breakwater (Rubble mound type, L=1,200m @max -15.00m MSL, core material, rocky filter and concrete Accropodes blocks)
- Main quaywall (L=1500m @-10.00m MSL) / Precast concrete blocks (Gravity QW)
- Terminal platforms for import of raw materials necessary for industries
- Industrial zone for miscellaneous industrial plants and storage

Zone 4 (936,000m²) Miscellaneous industries / platforms

- Reclaimed platforms
- Coastal protection
- Industrial zone for miscellaneous industrial plants and storage

Zone 5 (990,000m²) Special industries with berths

- Reclaimed platforms
- Special industries (clinker, coal...) with related berths

Ports / Waterfronts / Permitting / General Cargo Terminals / **Industrial Ports** / Oil & Gas Terminals / Fishing Ports / Container Terminals / Service Ports / Coastal Protections / Revetments / Mooring Structures / Dolphins



RECNR

Zone 6 (938,000m²) Oil and gas offshore platforms services

- Reclaimed platforms for service of offshore oil and gas platforms
- Storage of equipments, related maintenance and industry facilities
- Port for tug and service boats

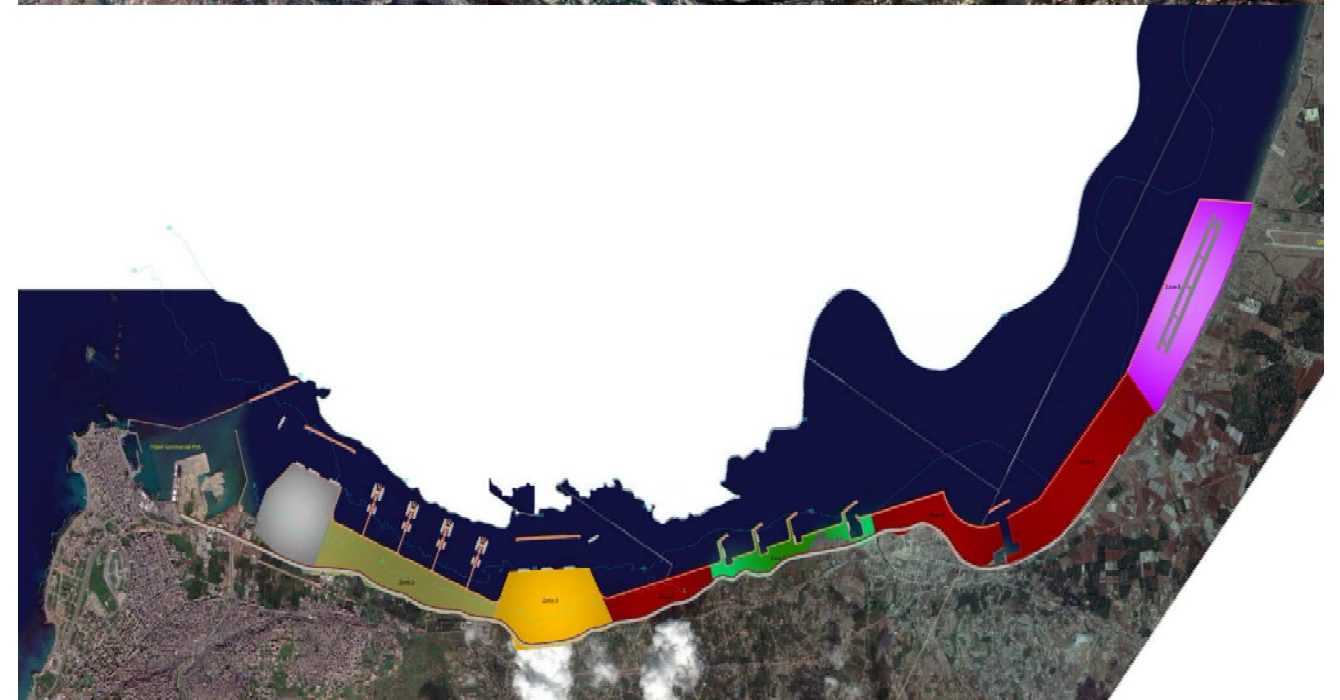
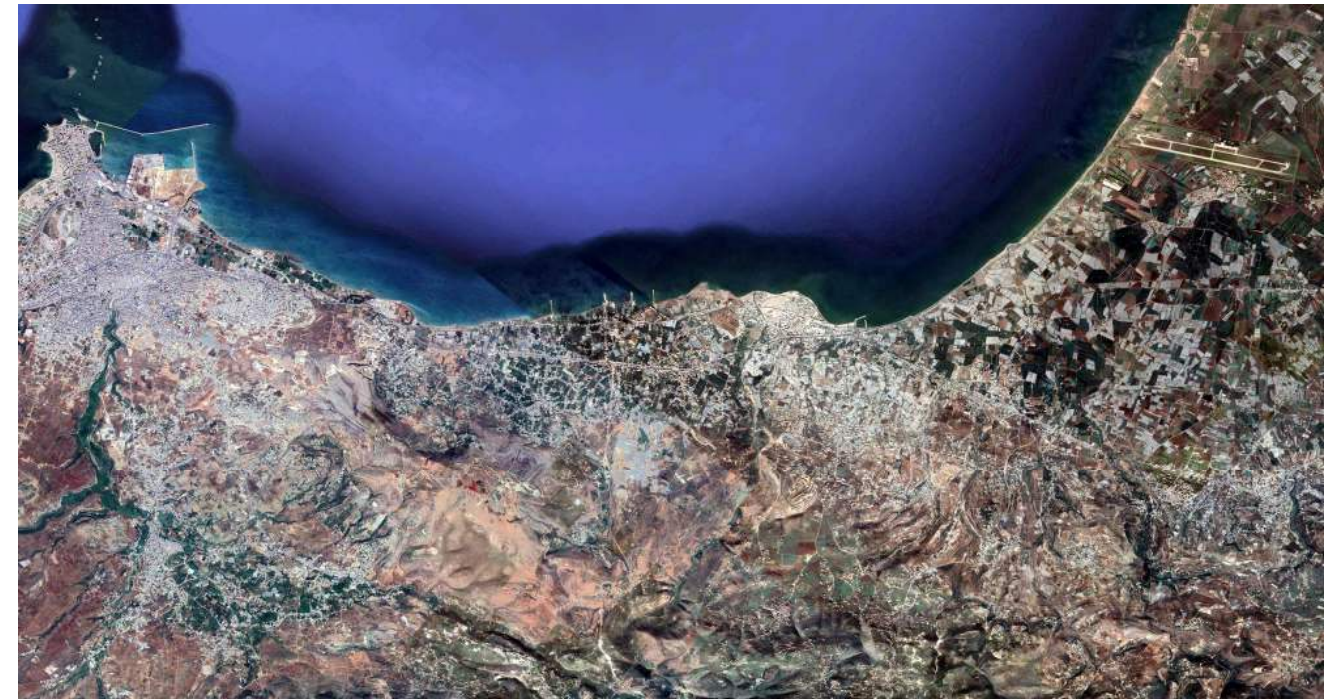
Zone 7 (3,054,000m²) Miscellaneous industries and fishing

- Reclaimed platforms
- Miscellaneous industries
- Fishing industries
- Extension of Abdeh Fishing Port

Zone 8 (4,178,000m²) Airport extension / services

- Extension of existing Klayaat Airport
- New runway
- Auxiliary services in neighboring platforms (hospitals, hotels...)
- Total reclaimed areas (16,096,000m²)
- Drawings / Presentation / Permitting

Ports / Waterfronts / Permitting / General Cargo Terminals / **Industrial Ports** / Oil & Gas Terminals / Fishing Ports / Container Terminals / Service Ports / Coastal Protections / Revetments / Mooring Structures / Dolphins



ZOUK POWER PLANT BREAKWATER REHABILITATION (1/2)

23

Client LEBANESE REPUBLIC
Ministry of Electrical and Water Resources
Electricité Du Liban (EDL)

Location LEBANON – Zouk
33°58'15" N
35°36'2" E

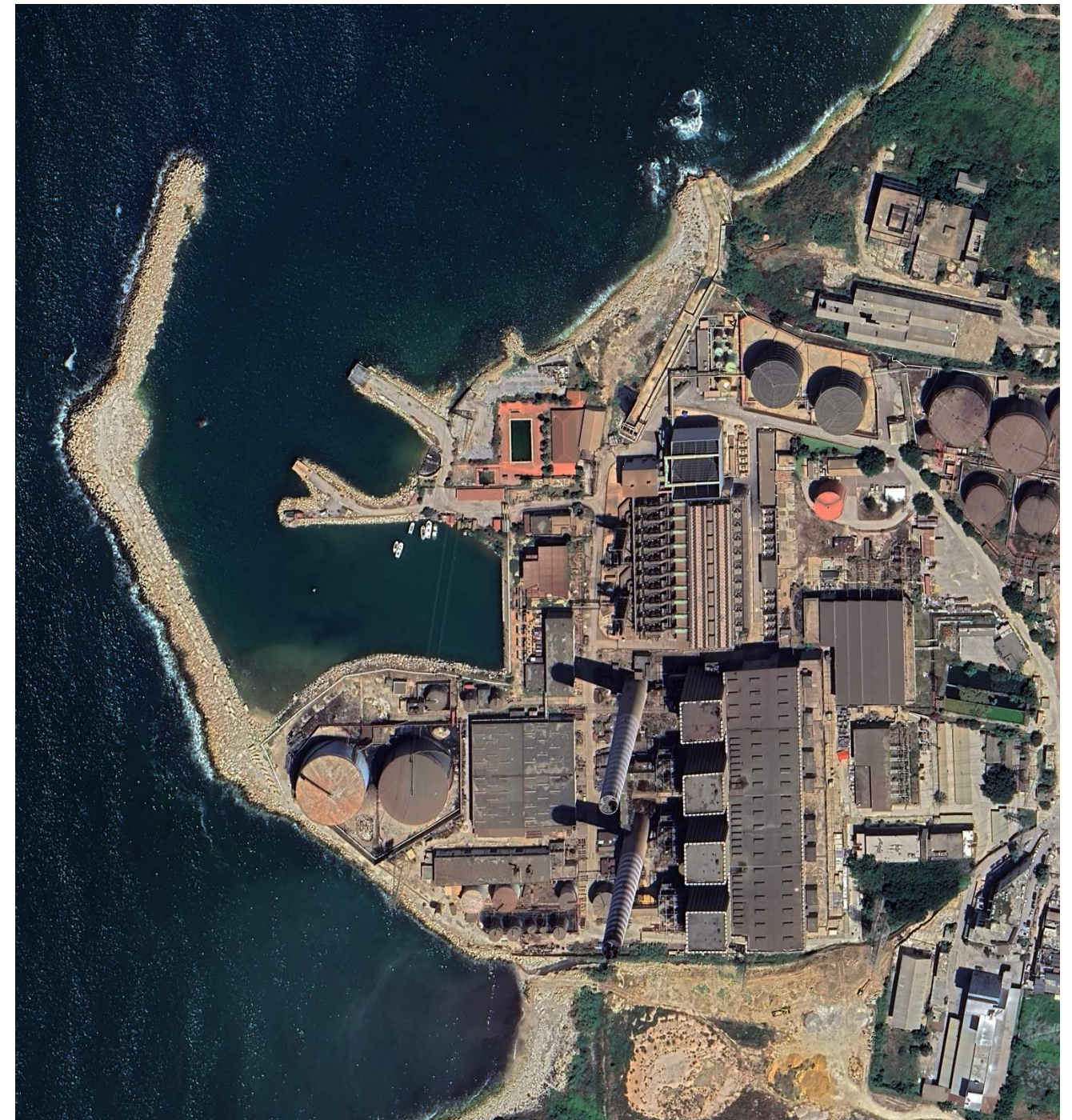
Consultant SEATEC sarl

Zouk Power Plant Breakwater Rehabilitation

Year 2015 – 2017
Design / Surveying

- Rehabilitation of the damaged rocky breakwater (Rubble mound type, L=830m @max -8.00m, core material, rocky filter and concrete Accropodes blocks Type I for armor layer)
- RC Crown walls
- Dredging Works of damaged rocky armor layer and new breakwater Accropodes Toe
- Land reclamation and bituminous / RC Platforms
- Topographic survey (11,500m²)
- Bathymetric survey (346,000m²)
- Tender Documents / Drawings

Ports / Surveying / Industrial Ports / Dredging

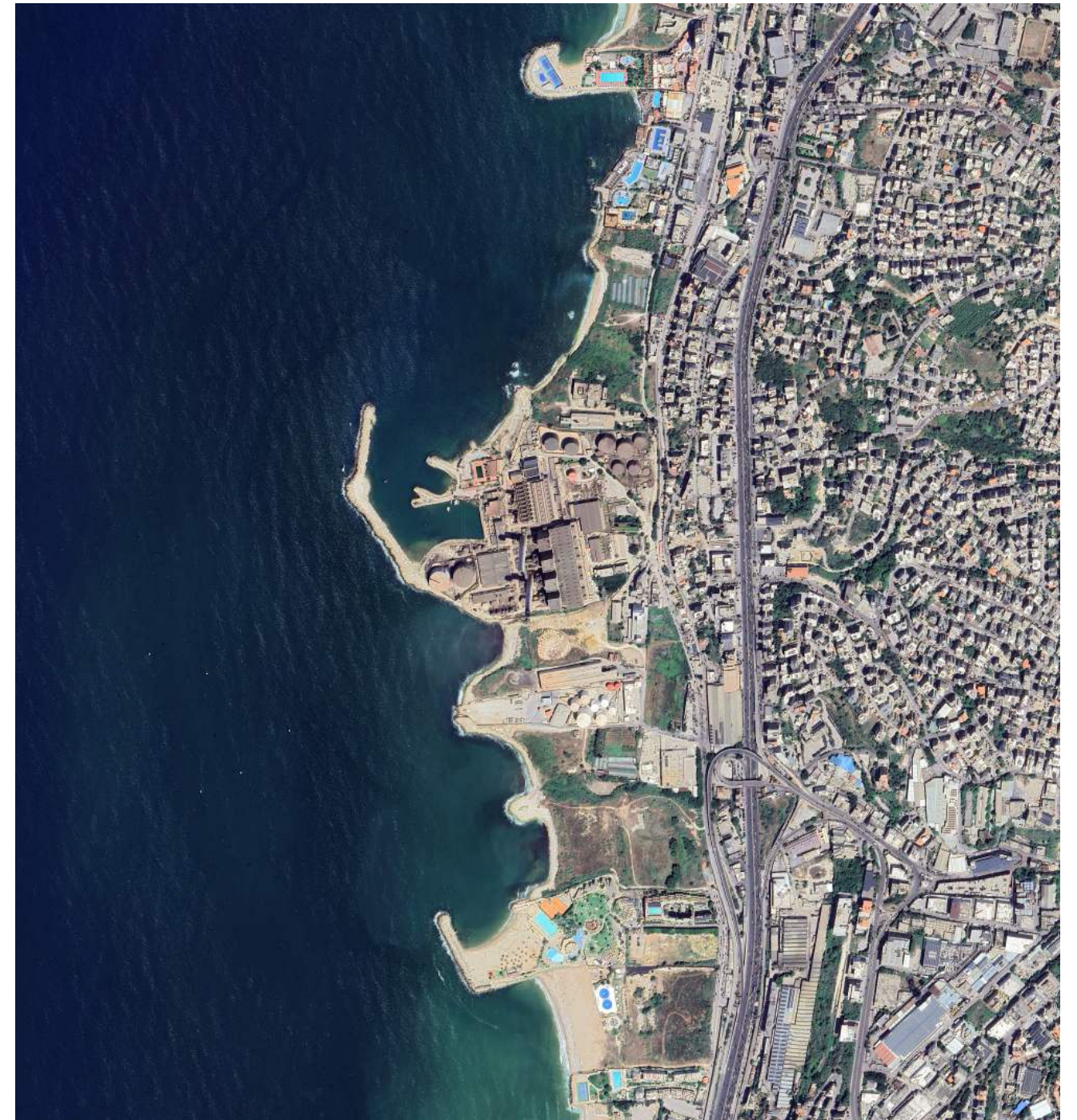


Zouk Power Plant Breakwater Rehabilitation

Year 2019 – 2020

Assistance

- EDL assistance in the evaluation process of contractors submitted bids for works execution



Ports / Surveying / Industrial Ports / Dredging

DREDGING AT ZOUK POWER PLANT - 2

25

Client LEBANESE REPUBLIC
Ministry of Electrical and Water Resources
Electricité Du Liban (EDL)

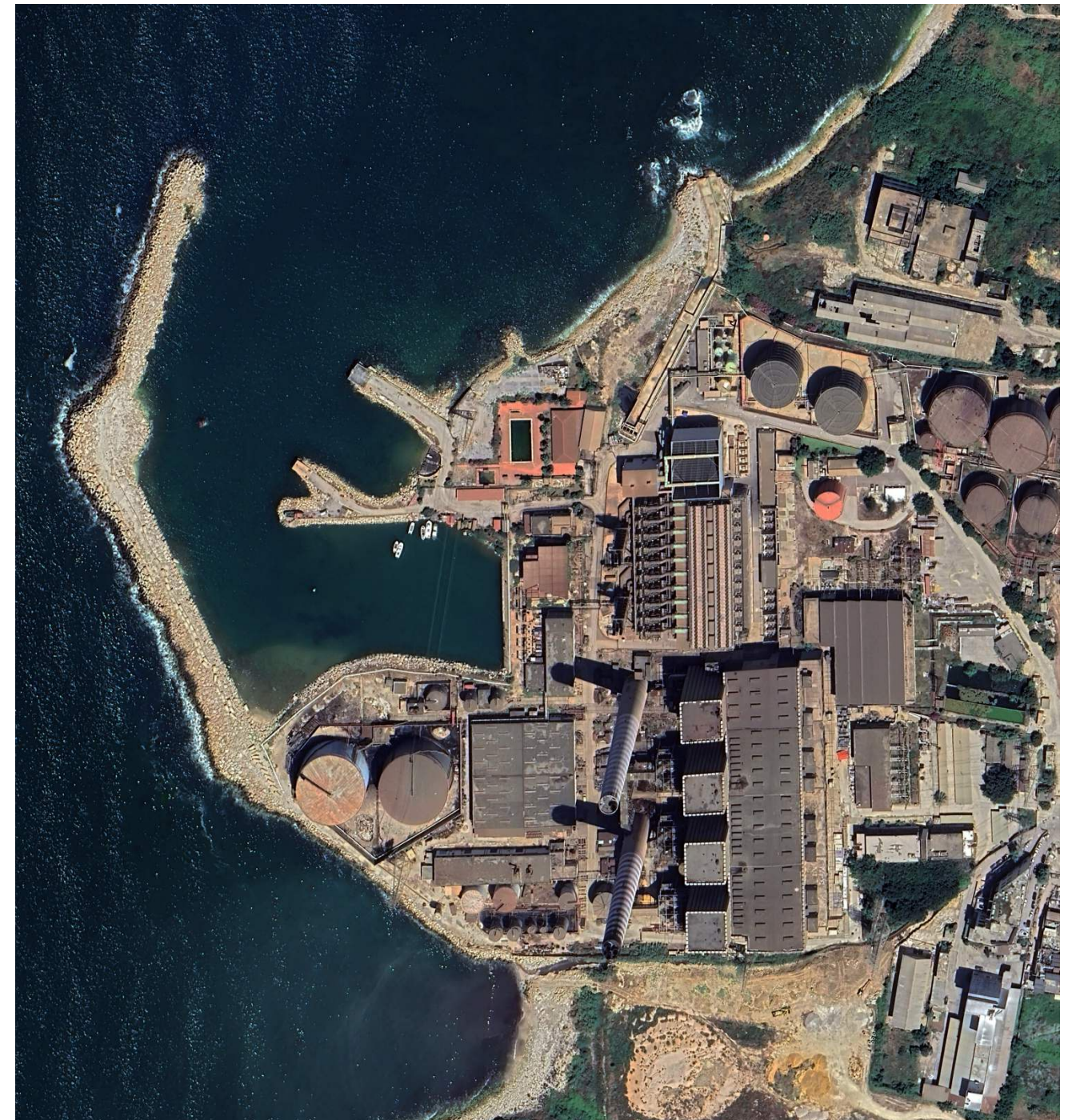
Location LEBANON – Zouk
33°58'15" N
35°36'2" E

Consultant SEATEC sarl

Dredging at Zouk Power Plant - 2

Year 2013
Design / Surveying

- Dredging Work at Zouk Power Plant for internal basin and access channel
- Topographic survey
- Bathymetric survey (25,400m²)
- Drawings / BoQ



Ports / Surveying / Industrial Ports / Dredging

HOLCIM PORT SURVEY

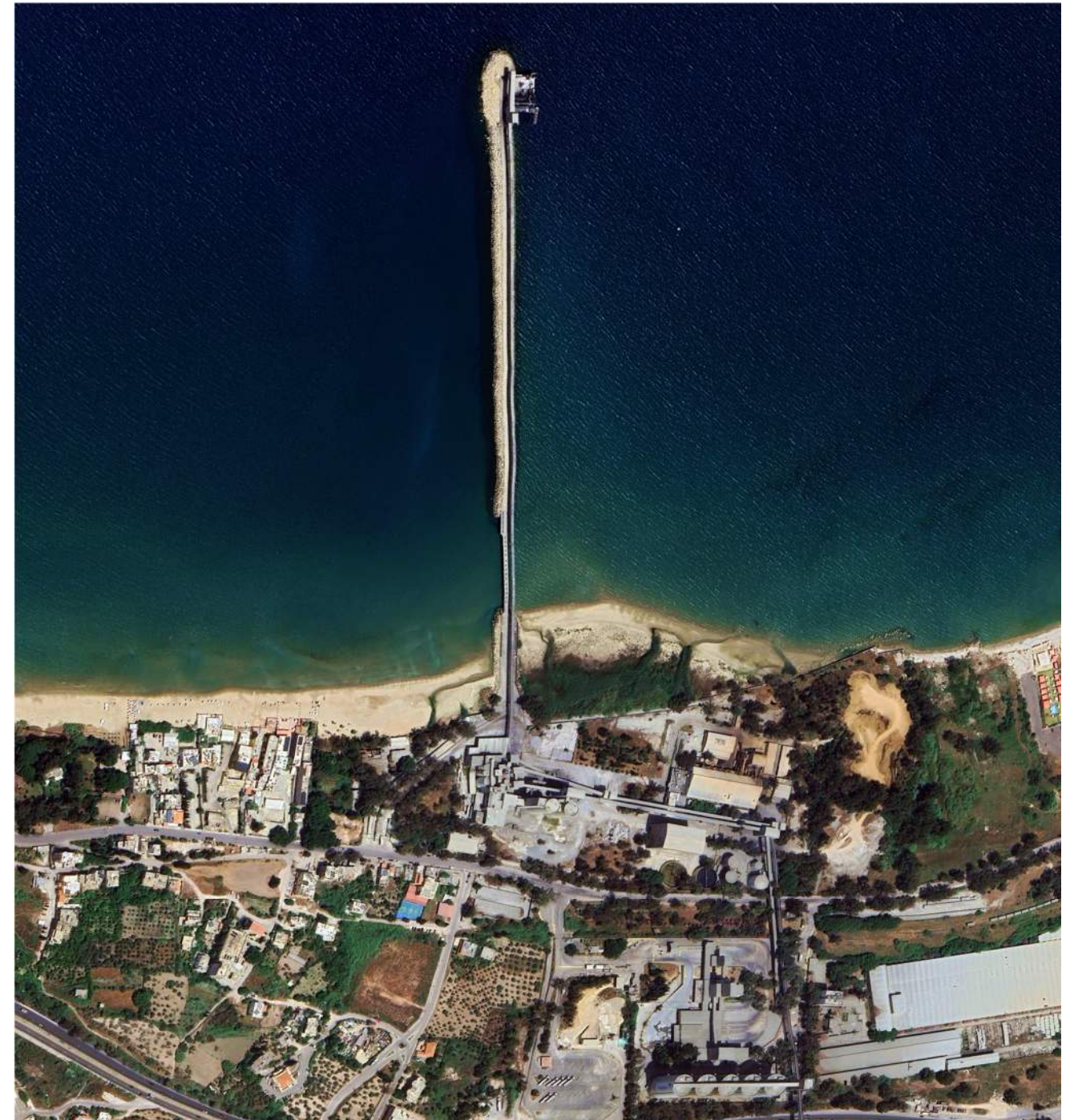
26

Client HOLCIM sal
Location LEBANON – Chekka
34°18'48" N
35°42'44" E
Consultant SEATEC sarl

HOLCIM Port Survey

Year 2013
Surveying

- Existing breakwater inspection (L=500m)
- Topographic survey (20,500m²)
- Bathymetric survey (34,200m²)
- Diving and underwater inspection of rocky protection limit
- Drawings



Ports / Industrial Ports / Surveying

CIMENTERIE NATIONALE (CN) PORT EXTENSION

27

Client Cimenterie Nationale sal

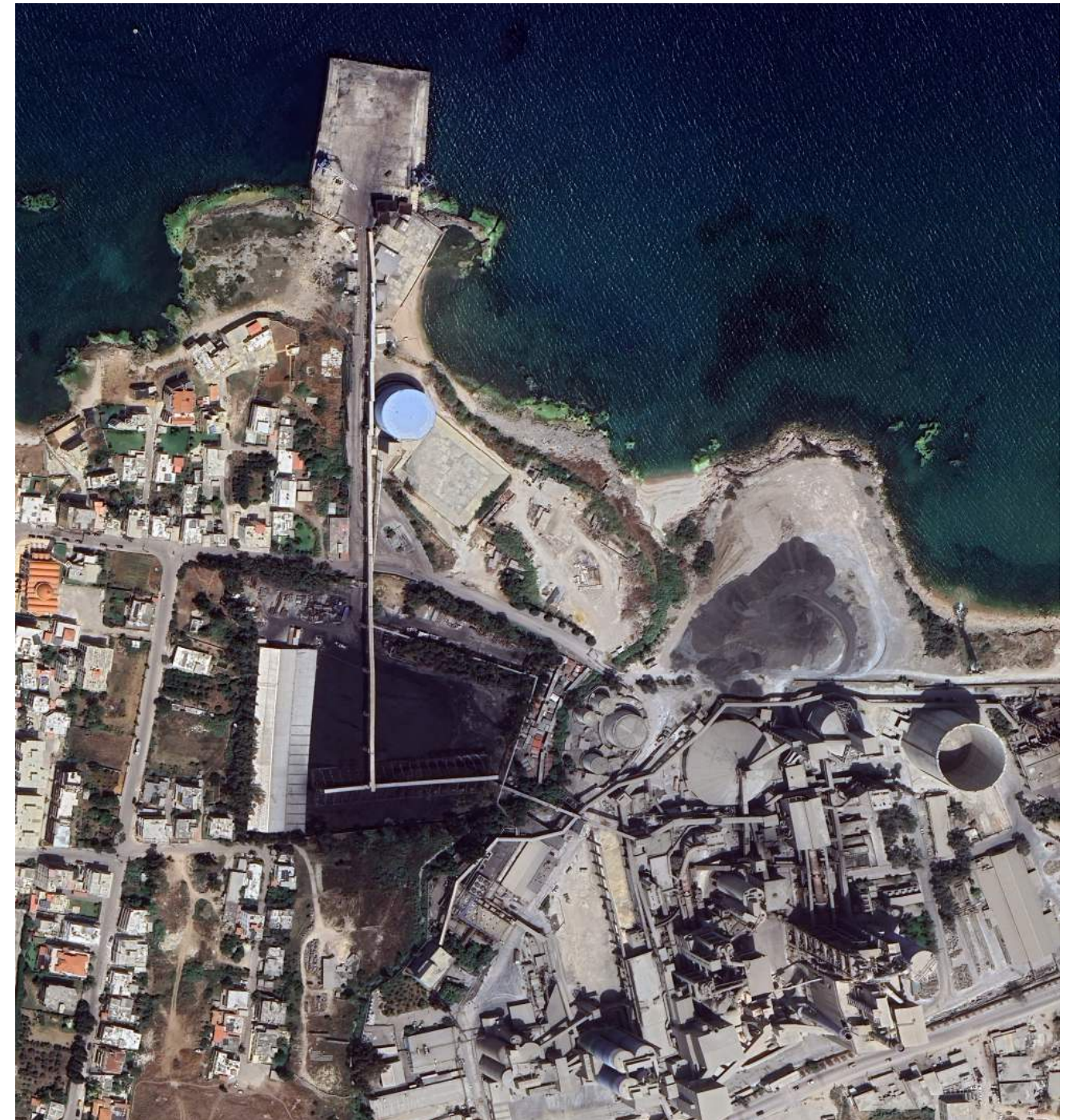
Location LEBANON – Chekka
34°20'3" N
35°43'27" E

Consultant SEATEC sarl

Cimenterie Nationale (CN) Port Extension

Year 2012 – 2013
Conceptual design

- Port Master Plan
- Main breakwater (Rubble mound type, L=1,020m @max - 20.00m, 18m³ precast Accropodes blocks Type I armor layer)
- Main quaywall (L=100.00m @-16.00m MSL) for 60,000DWT ships berthing
- Crown walls / Reflector seawalls
- RC platform (4,500m²)
- Dredging of (43,800m²) @-10.00m for 10,000DWT ships and (58,000m²) @-16.00m for 60,000DWT ships maneuvering
- Works phasing
- Drawings / BoQ



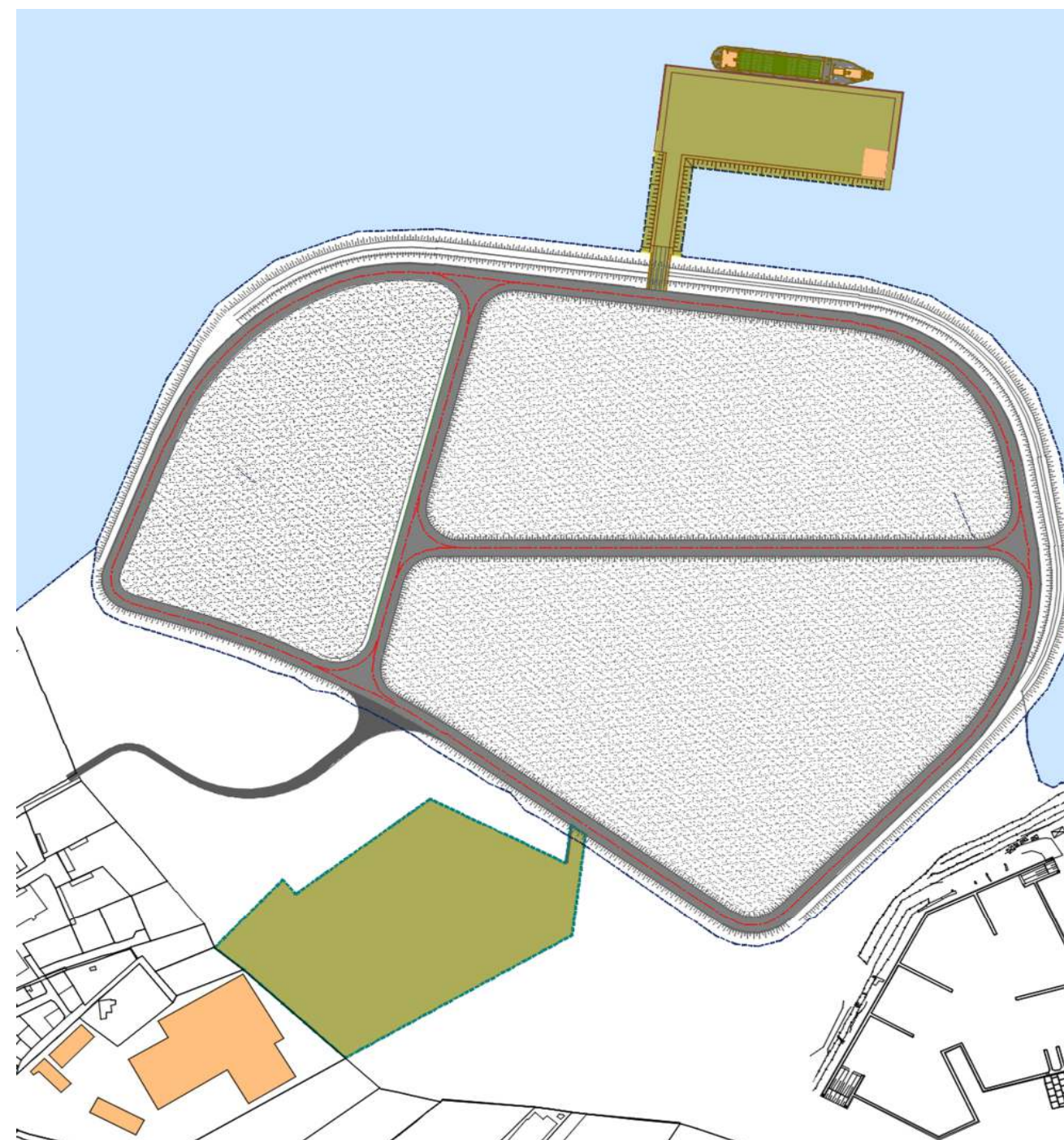
Ports / Industrial Ports / Coastal Protections / Seawalls

Consultant SEATEC sàrl

Year 2011 – 2012 – 2013
Design / Surveying / Permitting

- Master Plan (Port for metallurgic import/export)
- Main quaywall (L=150m @-8.00m MSL) / Underwater concrete blocks (Gravity QW)
- Secondary quaywalls (L=148m @-7.00m MSL) / Underwater concrete blocks (Gravity QW)
- Asphalted / RC Platforms (11,100m²)
- Marine accessories (Mooring Bollards, Fenders...)
- Infrastructure (Electrical and water supply)
- Land reclamation (65,789m²)
- Water body (3,000m²)
- Buildings (500m²)
- Topographic survey (10,000m²)
- Bathymetric survey (150,000m²)
- Drawings / BoQ / Permitting

Ports / Industrial Ports / Surveying



DREDGING AT JIEH POWER PLANT - 3

29

Client LEBANESE REPUBLIC
Ministry of Electrical and Water Resources
Electricité Du Liban (EDL)

Location LEBANON – Jieh
33°38'57" N
35°24'2" E

Consultant SEATEC sarl

Dredging at Jieh Power Plant - 3

Year 2011 – 2012
Design / Surveying

- Dredging Works at Jieh Power Plant internal basin
- Topographic survey
- Bathymetric survey (8,000m2)
- Drawings / BoQ



Ports / Surveying / Industrial Ports / Dredging

DREDGING AT JIEH POWER PLANT - 2

30

Client LEBANESE REPUBLIC
Ministry of Electrical and Water Resources
Electricité Du Liban (EDL)

Location LEBANON – Jieh
33°38'57" N
35°24'2" E

Consultant SEATEC sarl

Dredging at Jieh Power Plant - 2

Year 2010
Design / Surveying

- Dredging Works at Jieh Power Plant internal basin
- Topographic survey
- Bathymetric survey (7,600m2)
- Drawings / BoQ



Ports / Surveying / Industrial Ports / Dredging

DREDGING AT ZOUK POWER PLANT - 1

31

Client LEBANESE REPUBLIC
Ministry of Electrical and Water Resources
Electricité Du Liban (EDL)

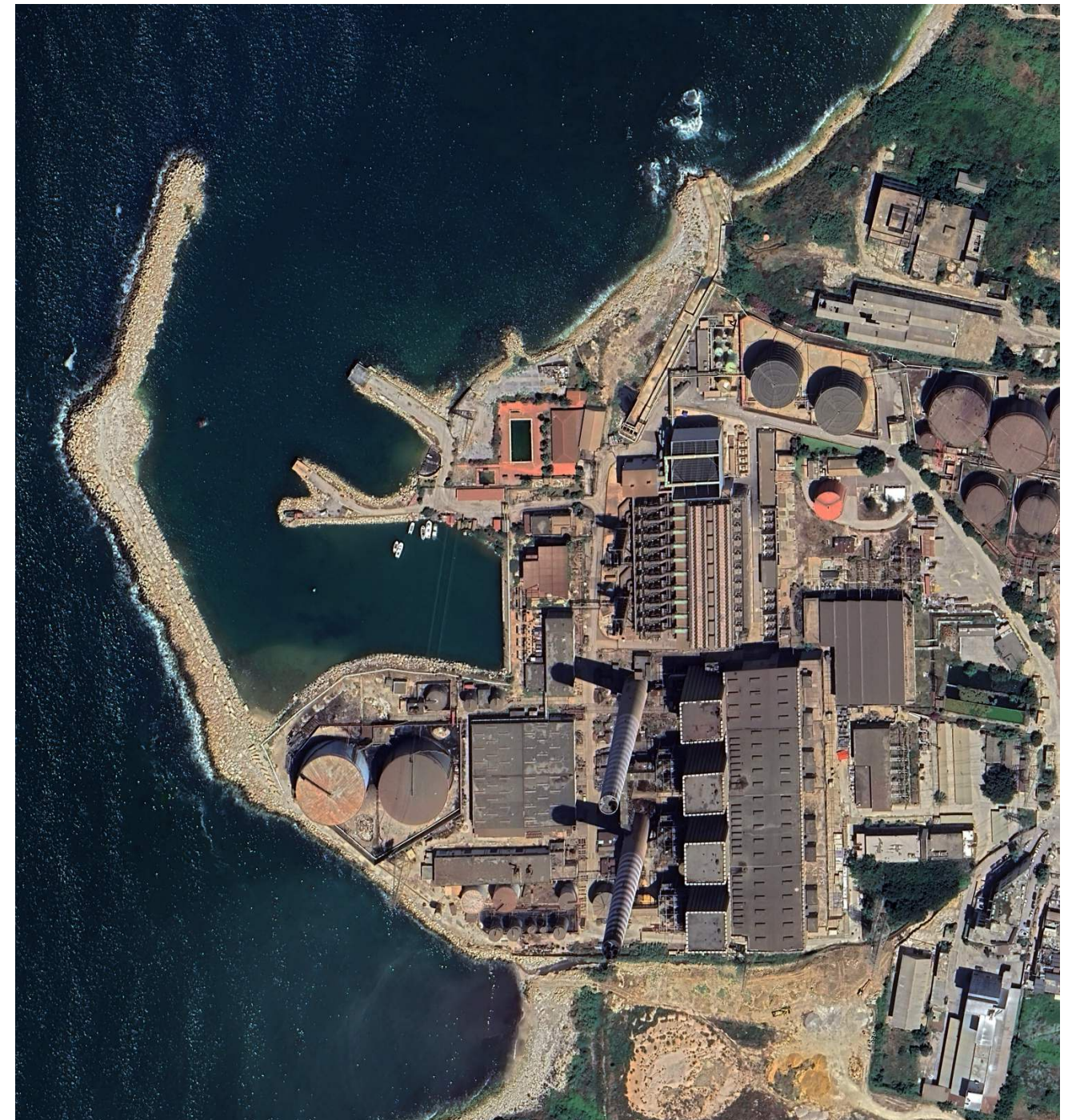
Location LEBANON – Zouk
33°58'16" N
35°36'4" E

Consultant SEATEC sarl

Dredging at Zouk Power Plant - 1

Year 2009
Design / Surveying

- Dredging Work at Zouk Power Plant internal basin
- Topographic survey
- Bathymetric survey (18,500m2)
- Drawings / BoQ



Ports / Surveying / Industrial Ports / Dredging

DREDGING AT JIEH POWER PLANT - 1

32

Client LEBANESE REPUBLIC
Ministry of Electrical and Water Resources
Electricité Du Liban (EDL)

Location LEBANON – Jieh
33°38'57" N
35°24'2" E

Consultant SEATEC sarl

Dredging at Jieh Power Plant - 1

Year 2009
Design / Surveying

- Dredging Work at Jieh Power Plant internal basin
- Topographic survey
- Bathymetric survey (9,500m2)
- Drawings / BoQ



Ports / Surveying / Industrial Ports / Dredging

KFOURY METALS CO. PORT (1/2)

33

Client KFOURY METALS Co

Location LEBANON – Selaata
33°38'57" N
35°24'2" E

Consultant SEATEC sarl

Kfoury Metals Co. Port

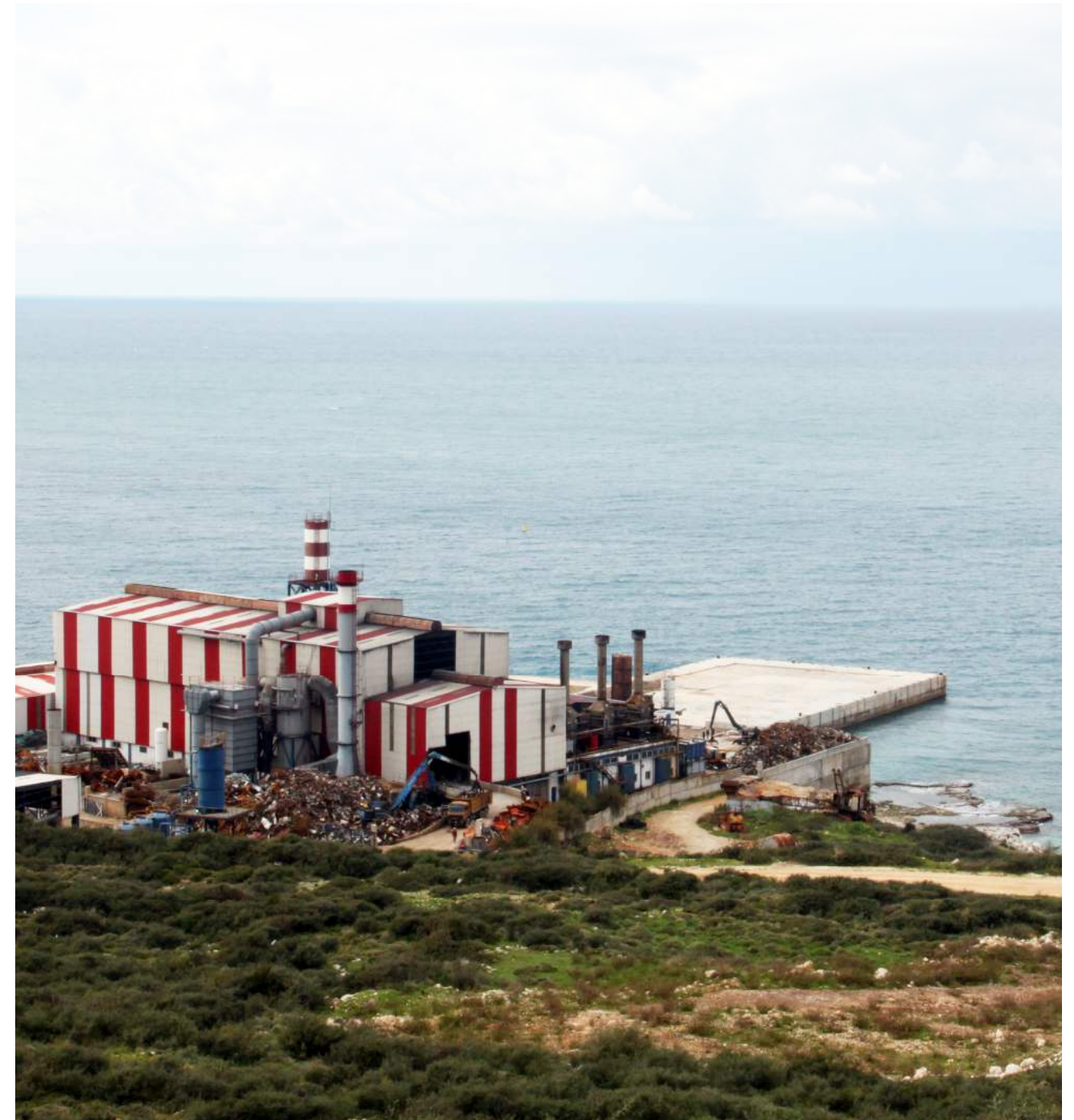
Year 2006
Conceptual Design

- Industrial port for metallurgic export
- Main quaywall (L=50.00m @-10.00m MSL)
- Secondary quaywall (L=95.00m @-7.50m MSL)
- RC Platform (4,750m²)

Year 2007 – 2008
Design / Surveying / Permitting

- Main quaywall (L=50m @-10.00m MSL) / Underwater concrete blocks (Gravity QW)
- Secondary quaywall (L=95m @-7.50m MSL) / Underwater concrete blocks (Gravity QW)
- RC Platform (9,397m²)

Ports / Surveying / Industrial Ports / Dredging



Kfoury Metals Co. Port

- Marine accessories (Mooring Bollards, Fenders)
- Infrastructure (Electrical and water supply fittings)
- Water intake pipes
- Rocky dredging (Blasting)
- Topographic survey (10,000m²)
- Bathymetric survey (150,000m²)
- Tender Documents / Drawings / BoQ / Permitting

Year 2009 – 2010

Contractor assistance

- Contractor : MARCONTRACTING
- Duration : 2 years

Year 2011 – 2012

Design / Permitting

- Reclaimed area (2,800m²)

Year 2013

Conceptual Design / Permitting

- Port storage structure (713m²)

Ports / Surveying / Industrial Ports / Dredging

