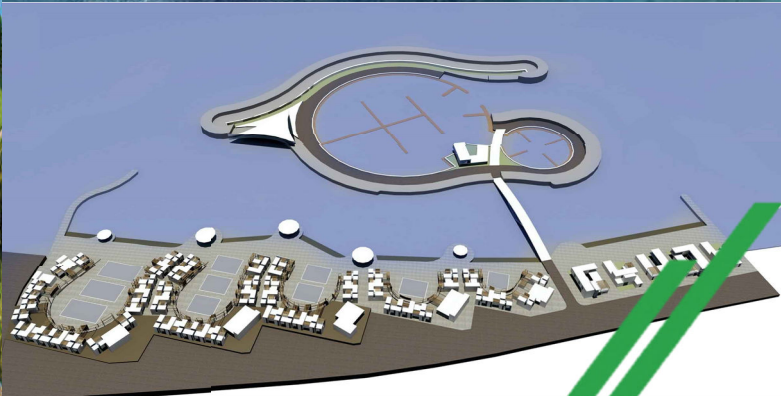
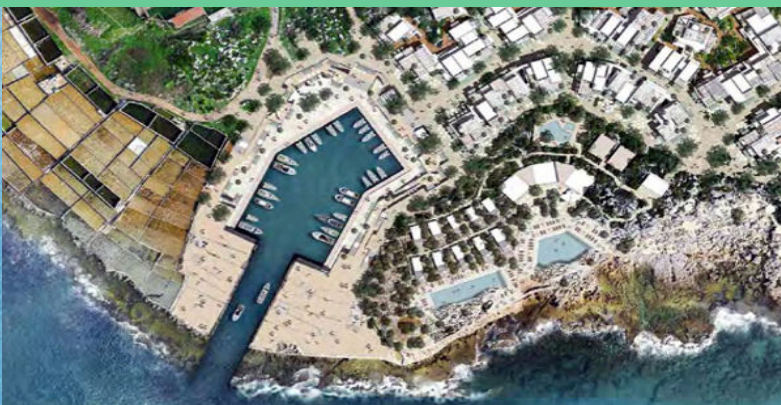




MARINAS

SEATEC SARL

We understand the language of Waves



LEBANON

BYBLOS, DOWN TOWN, 31 ERNEST RENAN ST, BEAYNI CENTER, 1ST FLOOR

PH : 00961 9 55 00 22

FAX : 00961 9 55 00 44

MOB : 00961 3 29 10 30

WEB : WWW.SEATEC-SARL.COM

EMAIL : SEATEC@SEATEC-SARL.COM





SUPERVISING EXPERTS AND TECHNICAL ENGINEERING CONSULTANTS SINCE 2000

/ ABOUT US /

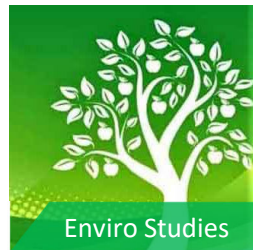
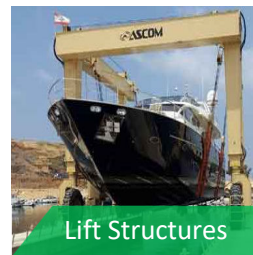
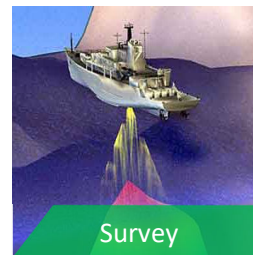
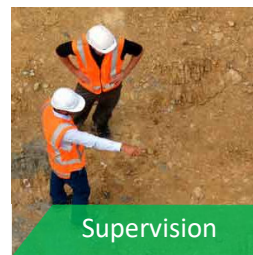
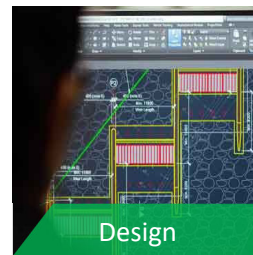
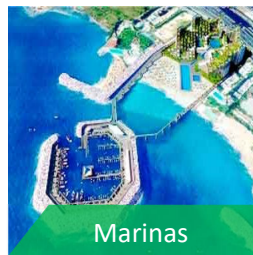
SEATEC provides its clients with design and supervision services in coastal and port engineering, covering surveying, site investigation, tender and detailed design, numerical modeling, feasibility and EIA studies, permitting, construction planning, management and supervision.

Serving public as well as private sectors in Lebanon and abroad since 2000, **SEATEC** is dedicated to give its clients the best engineering assistance.



OUR SERVICES

*SEATEC IS COMMITTED TO PROVIDING ITS CLIENTS
WITH THE BEST ENGINEERING SERVICES COVERING THE FOLLOWING:*





Marinas – SEATEC scope

• DESIGN

- Conceptual, Tender and detailed design
 - o Marina overall layout
 - o Dredging plan
 - o Berthing configurations
 - o Navigation plan (ATON)
 - o Marine structures (Breakwaters - quay walls - platforms)
 - o Facilities within the marina (Lift / hoist facility - slipway - fueling station)
 - o Cars circulation / parking
 - o Landscaping
 - o MEP (Electrical and water supply, power pedestals...)
 - o Feasibility studies
 - o Detailed drawings
 - o Tender documents, technical specification and BOQ
 - o Assistance of Client in bidding procedures
 - o 3D views and animation
- Modeling
 - o Numerical modeling of deepwater and nearshore waves and basins disturbances
 - o 2D/3D physical modeling and collaboration with international companies
- EIA / Permitting
 - o EIA studies
 - o Permits follow up

• SURVEY

- Topographic survey
- Bathymetric survey (multi beams echo sounding)
- Underwater inspection (diving, underwater pics and videos, sampling, assessment of existing structures conditions)
- Geotechnical investigation: Follow up on site of drilling and sampling operations (onshore and offshore)

• SITE SUPERVISION

- Follow up by SEATEC supervision team of works execution on site (daily presence)
- Instructions for contractors
- Inspection
- Approval of contractor payments

MPWT
DGLMT
DGRB
POTA
EDL

: Ministry of Public Works and Transport
: Directorate General of Land and Marine Transport
: Directorate General of Roads and Buildings
: Port Of Tripoli Authority
: Electricité Du Liban





Marinas

Marinas

• TRIPOLI MARINA (LEBANON)

- Design of marina (Breakwaters, crown walls and platforms, quaywalls, pontoons, slipway). (2014)

• ANFEH DEVELOPMENT PROJECT (ANFEH • LEBANON)

- Design of marina (Breakwater, crown walls and platforms, quaywalls). (2018 - 2019)

• FLORIDA BEACH HERY (HERY • LEBANON)

- Design of basin dredging. (2009 - 2010).
- Design and Supervision of sand dredging works in and outside the marina. (2011 - 2012)

• HERY MARINA (HERY • LEBANON)

- Design of marina (Breakwater, quay walls, pontoons). (2014)

• BRANDARIS MARINA (HAMAT • LEBANON)

- Design of marina (Breakwater, quay walls, pontoons). (2015)

• BONITA BAY BATROUN (BATROUN • LEBANON)

- Preliminary design of a pontoon supported on piles. (2008).

• BERBARA HIDEAWAY MARINA (BERBARA • LEBANON)

- Technical consultancy, BOQ pricing and method statement for contractor. (2006).
- Design of additional protection of the existing vertical breakwater using Accropodes blocks. (2013).

• ASSEILY MARINA (AMCHIT • LEBANON)

- Design of marina (Breakwaters, crown walls and platforms, quay walls, pontoons, slipway). (2012 - 2013)

• BYBLOS MARINA (BYBLOS • LEBANON)

- Design of island marina (Breakwaters, crown walls and platforms, quay walls, pontoons, slipway). (2014)

• KASSAR MARINA (AMCHIT • LEBANON)

- Design of marina and Decree preparation (Breakwaters, RC crown walls and platforms, quay walls, pontoons, slipway). (2011)

• BYBLOS SUD VILLAGE (BYBLOS • LEBANON)

- Design of floating breakwater (2008 - 2009 - 2010 - 2011 - 2012) and Works supervision. (2011)

• BASSIL MARINA (HALATE • LEBANON)

- Design of marina and Decree preparation (Breakwater, quay walls, pontoons). (2013 - 2014)

• HALATE SUR MER MARINA (HALATE • LEBANON)

- Preliminary design of main breakwater rehabilitation and pontoons. (2010)

• HAT MARINA (HALATE • LEBANON)

- Design of marina and Decree preparation (Breakwater, quay walls, land reclamation). (2014)
- Design and Supervision of RC coastal protection. (2014 - ... - 2017)





- **SAFRA MARINA (SAFRA • LEBANON)**

- Design of marina (Breakwater, quay walls, pontoons, slipway). (2010 - 2011 - 2012)

- **DOUMET MARINA (NAHR IBRAHIM • LEBANON)**

- Design of marina and Decree preparation (Concrete breakwater). (2010 - 2011 - 2012)

- **KYE RESORT MARINA (TABARJA • LEBANON)**

- Design of marina (Breakwaters, RC crown walls and platforms, quay walls, pontoons, slipway, bridges.). (2019)

- **ATCL MARINA (KASLIK • LEBANON)**

- Design and Supervision Works of main breakwater armor layer. (2015 – 2016)

- **ZOUK MARINA (ZOUK • LEBANON)**

- Design of marina and Decree preparation (Breakwaters, RC crown walls and platforms, quay walls, pontoons). (2017)

- **KFARYASSINE MARINA (KFARYASSINE • LEBANON)**

- Design of marina and Decree preparation (Breakwaters, RC crown walls and platforms, quay walls, pontoons, slipway.). (2014)

- **SAYFCO MARINA (ZOUK • LEBANON)**

- Design of marina (Breakwaters, RC crown walls and platforms, quay walls, pontoons, slipway). (2014)

- **TROPICAL BEACH AT ZOUK MOSBEH (ZOUK MOSBEH • LEBANON)**

- Preliminary design of detached breakwater with touristic facilities (Restaurant, bungalows on piles). (2008)

- **HOLIDAY BEACH MARINA (DBAYEH • LEBANON)**

- Design of basin dredging. (2010)

- **SOFIM MARINA (DBAYEH • LEBANON)**

- Design of marina (Breakwaters, RC crown walls and platforms, quay walls, pontoons, slipway, bridges). (2017)

- **CITY MARINA (NEW JDEIDEH • LEBANON)**

- Design of marina and Decree preparation (Breakwater, quay walls, pontoons...). (2014)

- **DALFA MARINA (MANARA • LEBANON)**

- Design of marina and Decree preparation (Underwater quay walls, RC platforms...). (2016 - 2017)

- **MOVENPICK MARINA (RAM LET EL BAYDA • LEBANON)**

- Design and Supervision of rehabilitation works (breakwater, RC crown walls, slabs on grade...). (2015 - 2016)

- **KOBBEH MARINA (NEEMEH • LEBANON)**

- Design of marina and Decree preparation (Breakwater, quay walls, pontoons, slipway). (2011 - 2012)

- **NEEMEH MARINA (NEEMEH • LEBANON)**

- Design of marina and Decree preparation (Breakwater, quay walls, pontoons, slipway). (2014)





- **JERDI MARINA AT JIEH (JERDI • LEBANON)**

- Conceptual design of Marina. (2008)

- **RESTHOUSE TYR (TYR • LEBANON)**

- Design of basin dredging. (2010 - 2013)

- **SARAYA AQABA (AQABA • JORDAN)**

- Design of diaphragm walls, submerged breakwaters, marine protection for lagoon banks, beach stability, geotextile, sediment transportation, pontoons, piling and sheet piling in collaboration with french consultant. (2006 - 2007 - 2008 - 2009 - 2010 - 2011)

- **AL MARJAN ARTIFICIAL ISLAND (UAE)**

- Technical consultancy, BOQ pricing and method statement for contractor. (2005)

- **AL SEEF AND BANIAS ROADS MARINA PILING (UAE)**

- Technical consultancy, BOQ pricing and method statement for contractor. (2005)

- **MARINA AL FAJER (JUMEIRAH • UAE)**

- Technical consultancy, BOQ pricing and method statement for contractor. (2006)

- **NAJMAT ABU DHABI - AL REEM ISLAND • (UAE)**

- Technical consultancy, BOQ pricing and method statement for contractor. (2006 - 2007)

- **QATAR QUAYWALLS (QATAR)**

- Technical consultancy, preliminary design of a quaywall variant with BOQ for Contractor. (2006)

- **C11 ISLAND - (DUBAI UAE - CLIENT : ACI ENGINEERING)**

- Conceptual design of marine infrastructure of the C11 Island (Including marinas concept, floating and piles supported pontoons, concrete quay walls... (2008 - 2009)

- **FORUM EL DJAZAIR MARINA (SIDI FREDJ • ALGERIA – CLIENT : CCC / Consolidated Contractor Company)**

- Conceptual design of Marina. (2017 - 2018 - 2020)

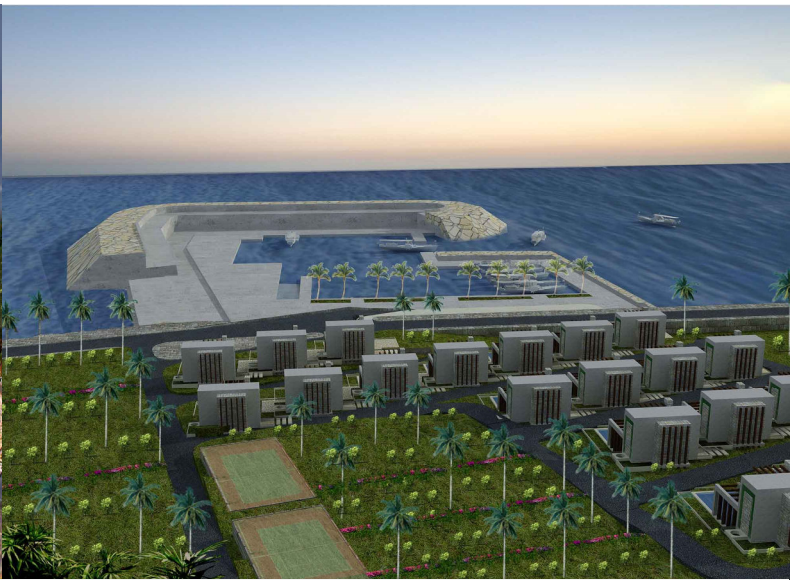
- **MARASSI MARINA (AL-ALAMAYN • EGYPT – CLIENT : HOMAN Group / Owner : EMAAR)**

- Design review of the Outer Marina, technical assistance and consultancy for the Contractor. (2020 - 2021)





Marinas



ASSEILY MARINA

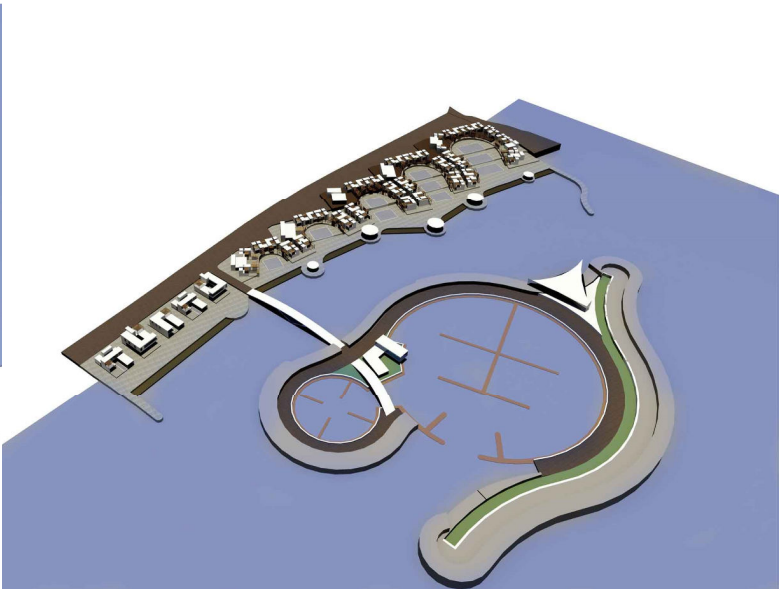
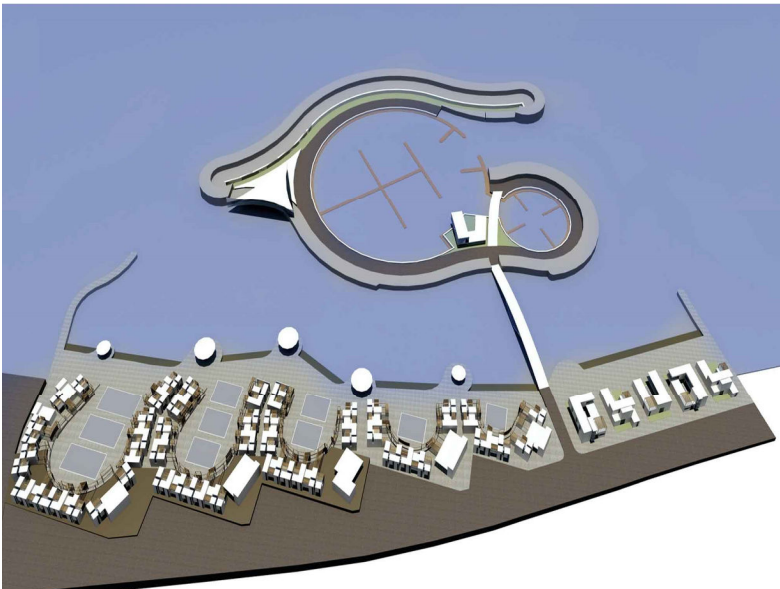


SAYFCO MARINA

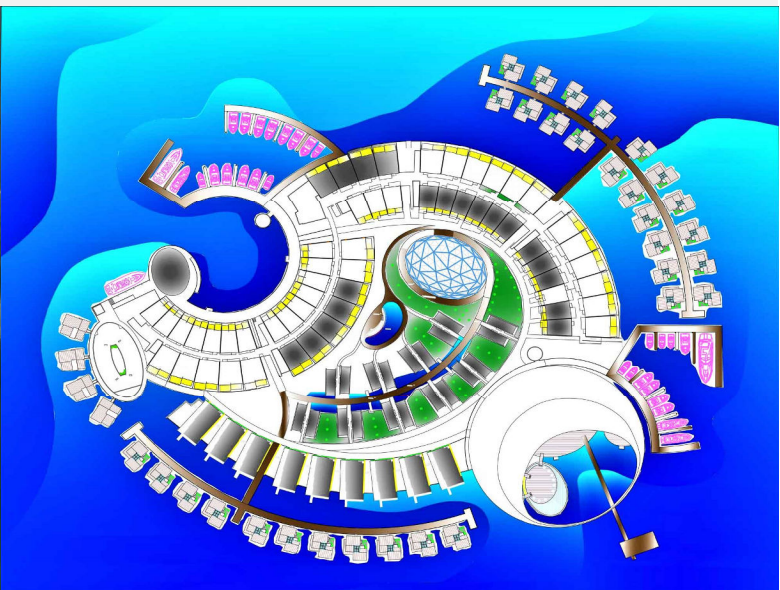




Marinas



NEEMEH MARINA

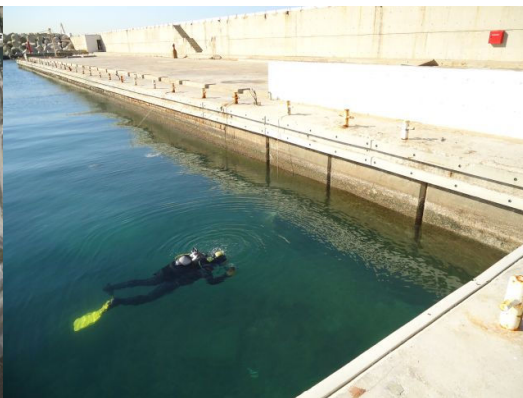
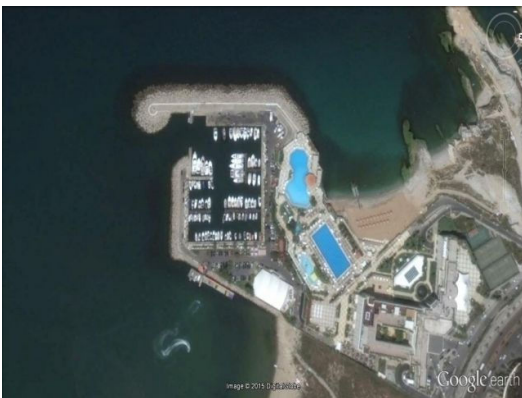


C11 ISLAND MARINA





Marinas



MOVENPICK MARINA

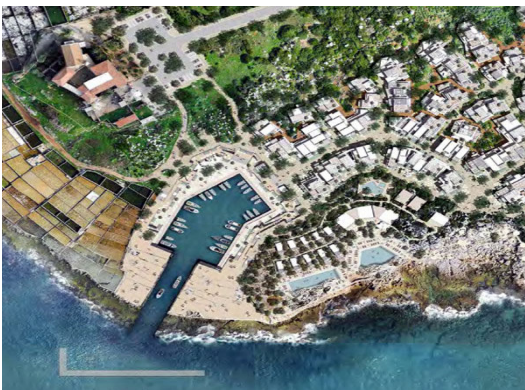


KYE MARINA





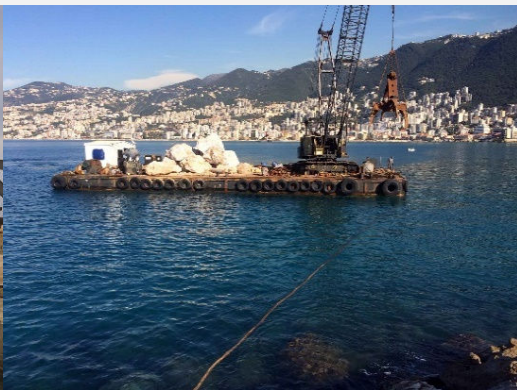
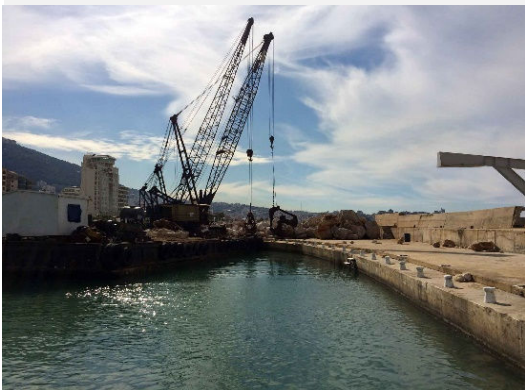
Marinas



ANFEH DEVELOPMENT PROJECT



BYBLOS MARINA



ATCL MARINA



FORUM EL DJAZAIR MARINA



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THE END

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