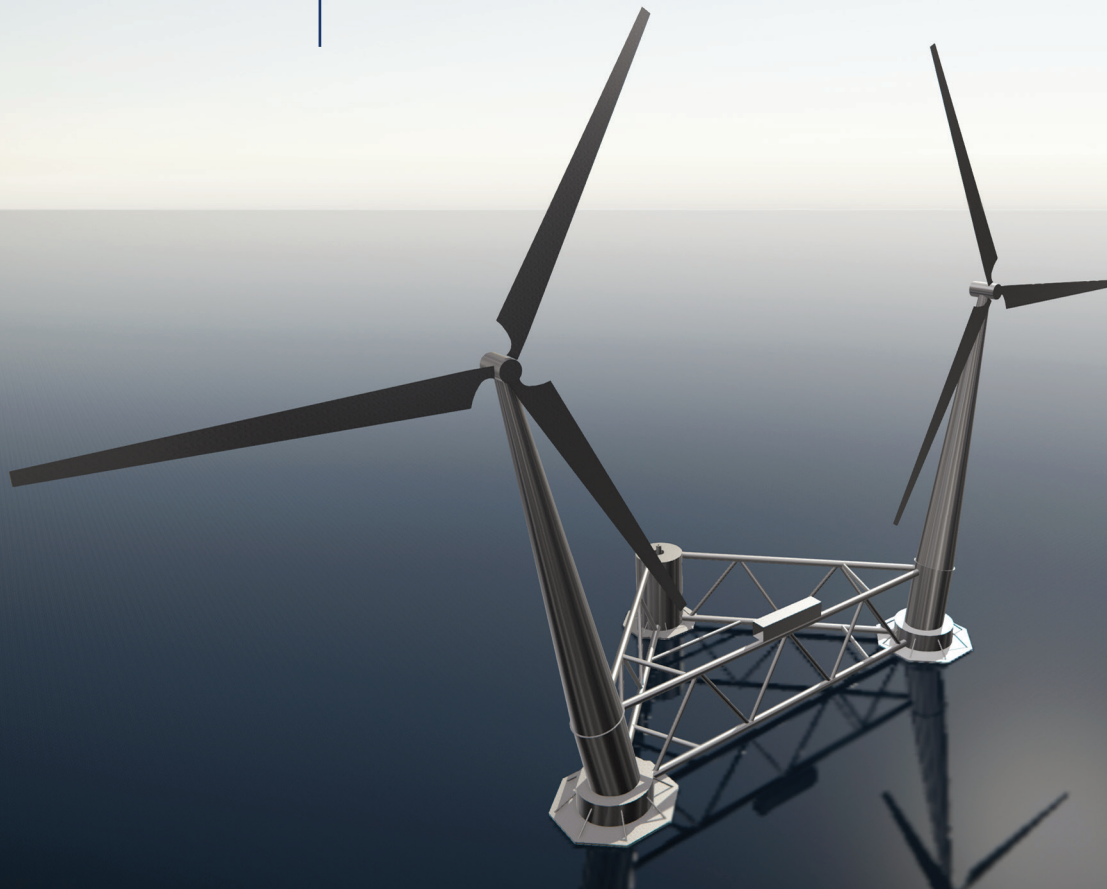


# cimtas

## TWINHUB FLOATING OFFSHORE WINDFARM PROJECT





# cimtas | steel

Çimtaş, having 48 years of experience with an aggregated annual capacity of 335,000 tons, provides engineering (structural, pressure vessel, piping and plant engineering), procurement (structural components, pressure vessel components, mechanical equipment, piping, valves, supports), automatic and robotic welded fabrication, machining, modularization, erection and installation services to the leading customers of Construction, Power, Oil, Gas and Chemicals industries. Group conducts shipbuilding activities at its Module and Shipyard in Gölcük, Turkey.



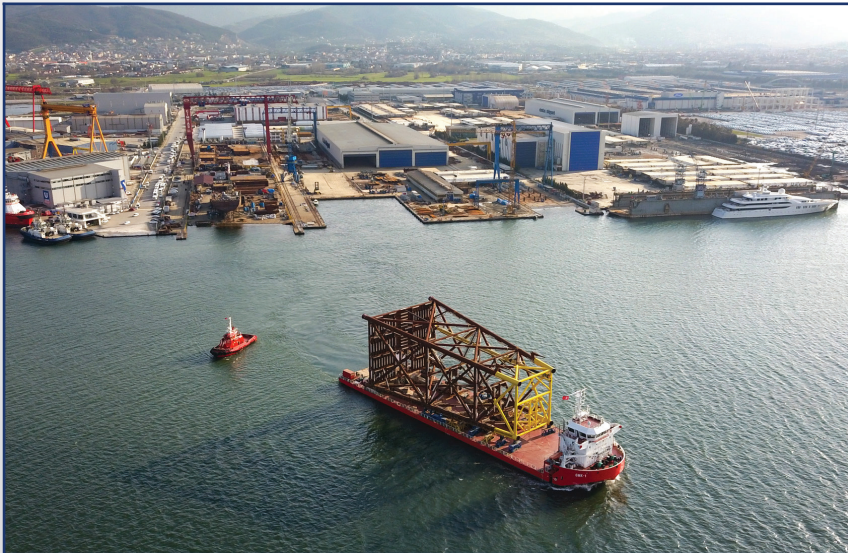
Çimtaş consists of 7 production shops, located in Turkey 6 and China 1 and being a fully owned subsidiary of ENKA, 86<sup>th</sup> among top contractors in ENR 2020.

Çimtaş and its subsidiaries engineer and fabricate pressure vessels, heat recovery steam generators, storage tanks, steel structures, steel bridges, steel wind towers, wind turbine rotor & stators, oil and chemical tankers, offshore platforms, powerships, piping systems for power, oil, gas and chemical industries, process skids and modules, turbine auxiliary systems, combustion casings, end covers and liners for gas turbines, cold and hot formed pipe fitting components according to ASME, AISC, API, AS 9100, AWS, ISO, DNVGL & Lloyd and EN standards.



# cimtas | shipyard

Çimtaş Module & Shipyard is one of the largest shipyards in Turkey, located in Gölcük, Kocaeli with 270,000 m<sup>2</sup> total fenced area including 252 m water front, 45,000 m<sup>2</sup> closed shop area 180 x 56 m and 106 x 20 m slipways, various overhead and gantry cranes up to 400+ tons lifting capacity.



Core business areas of Çimtaş Shipyard are supply, fabrication and assembly of Steel structures, bridges, wind towers, offshore structures, vessels, process modules according to “ASME, AISC, API, AS 9100, AWS, ISO, EN, DNVGL and Lloyd” standards and transporting its goods to all over the world.



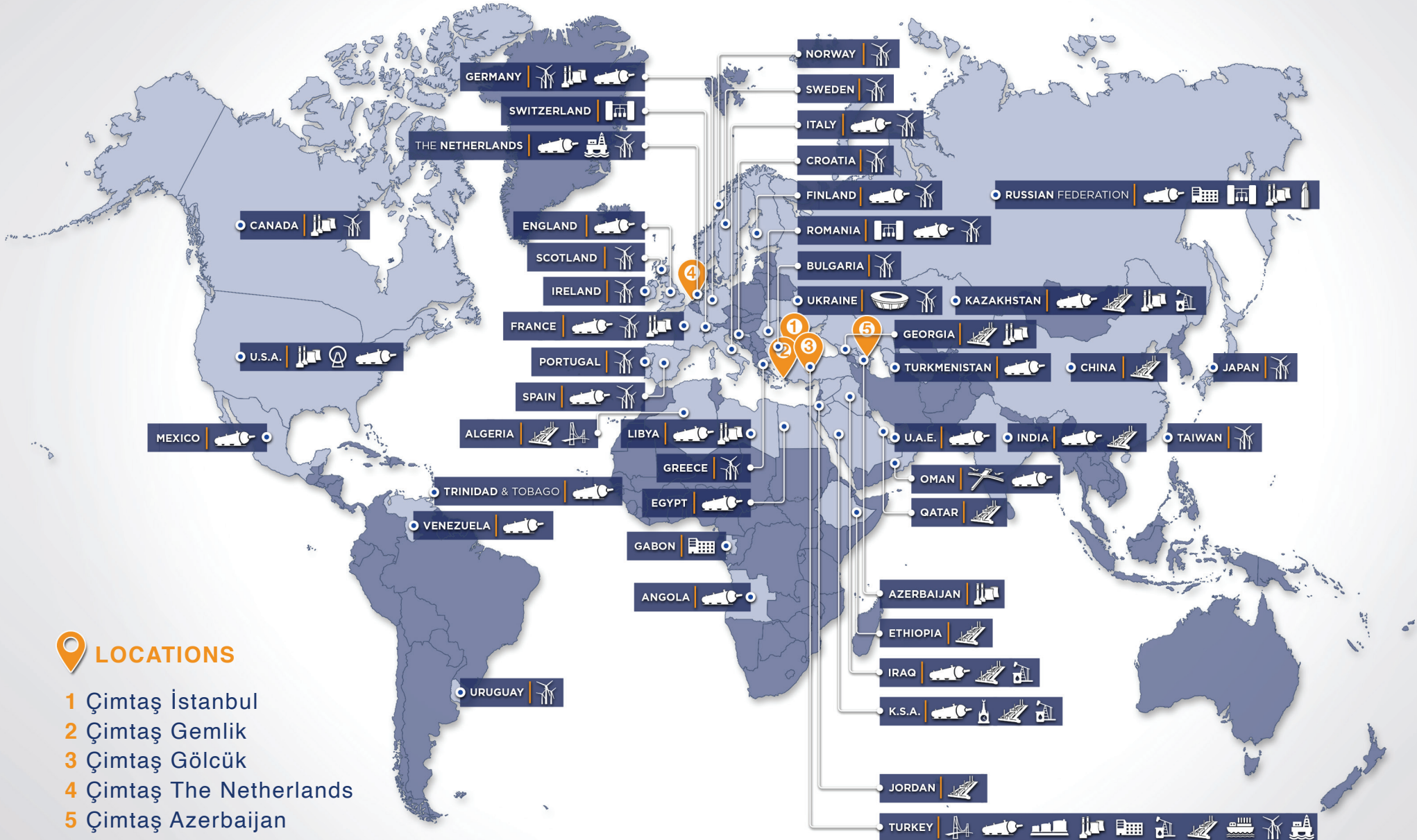
The Company's state-of-the-art facility is located at Bursa Free Trade Zone in Turkey and 2 kms from four international deep sea ports, built on a 120,000 sqm fenced yard with 60,000 sqm covered fabrication shop and office space with 28 bays, 17,000 tons/month production capacity, dedicated stainless steel fabrication bays, blasting, painting, passivation and pickling facilities, heat treatment and RT cabins, most modern welding technology, cold bending, induction bending, enabled QA/QC systems, destructive and non-destructive examination laboratories, advanced information technology, enterprise resource planning and management information systems to enable full customer satisfaction through operational excellence.



- Continuous Integrated Piping Solutions;
- LSAW Pipe & Fitting & Prefabricated Pipe Spool @ single location
- Integration asset;
- Continuous flow
- Expediting and transportation thru single source & location
- Shortest pipe to spool lead time
- Largest production & fabrication capacity @ single location
- Increased flexibility, prioritized fabrication/production as per project requirements
- Lean Production culture, team organization, continuous improvement
- High product and service quality , Critical To Quality and Best Practices
- Proactive team and push/pull role



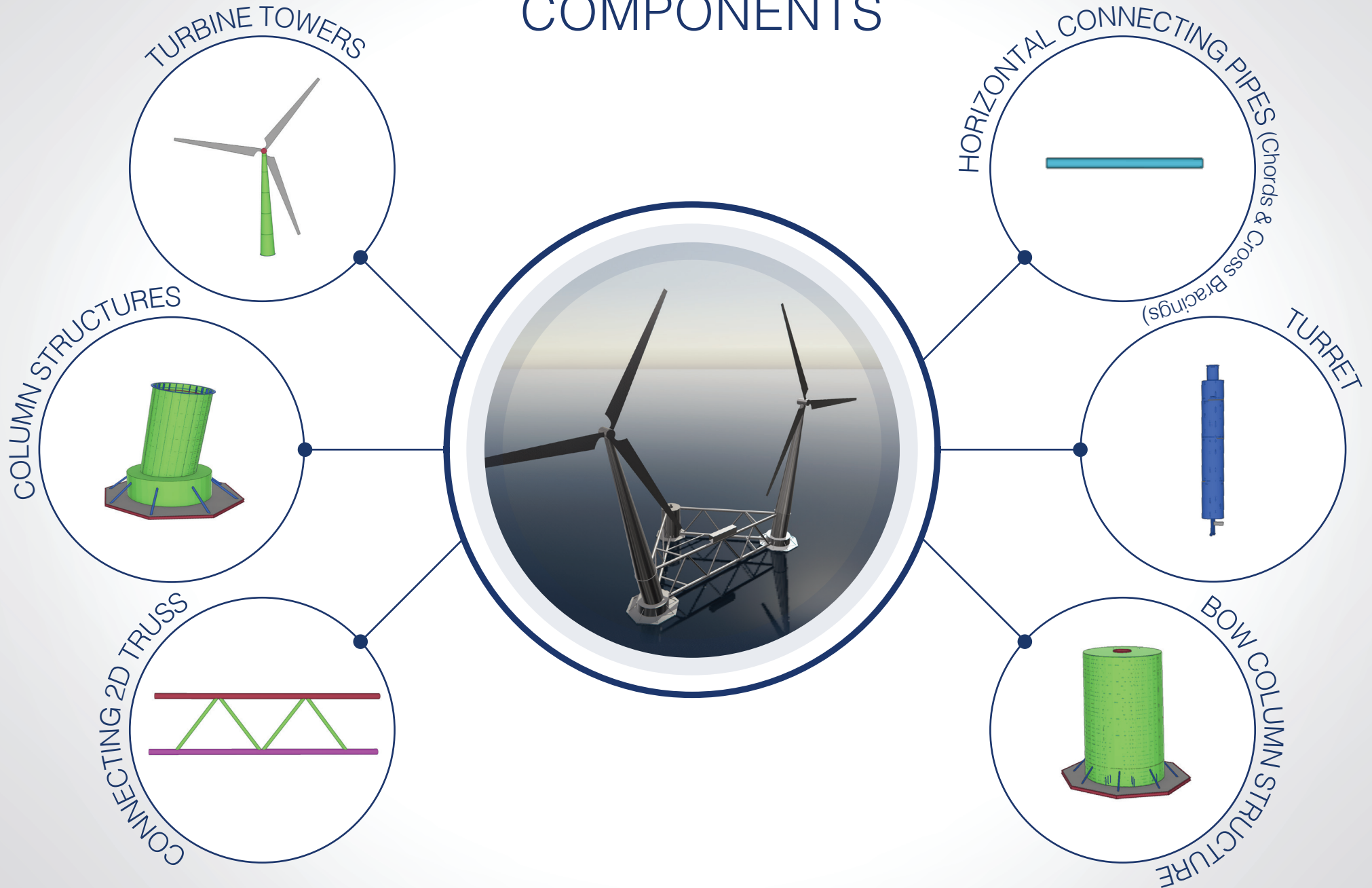
# WORLDWIDE PROJECTS





# TWINHUB FLOATING OFFSHORE WINDFARM PROJECT

## COMPONENTS





# TURBINE TOWERS

## POSSIBLE FABRICATION LOCATIONS

- 1 Çimtaş Steel, Gemlik
- 2 Çimtaş Shipyard, Gölcük





# COLUMN STRUCTURES

## POSSIBLE FABRICATION LOCATIONS

- 1 Çimtaş Steel, Gemlik
- 2 Çimtaş Shipyard, Gölcük





# CONNECTING 2D TRUSS

## POSSIBLE FABRICATION LOCATIONS

- 1 Çimtaş Steel, Gemlik
- 2 Çimtaş Shipyard, Gölcük

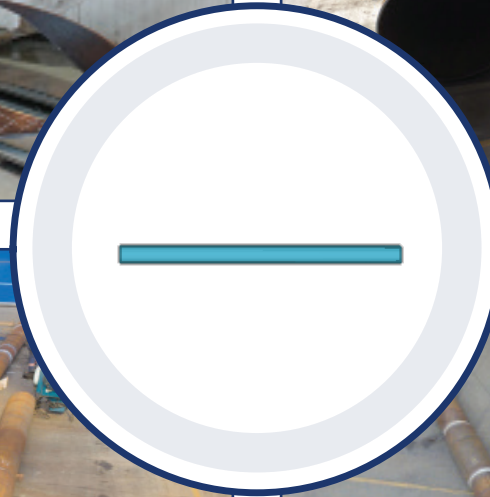
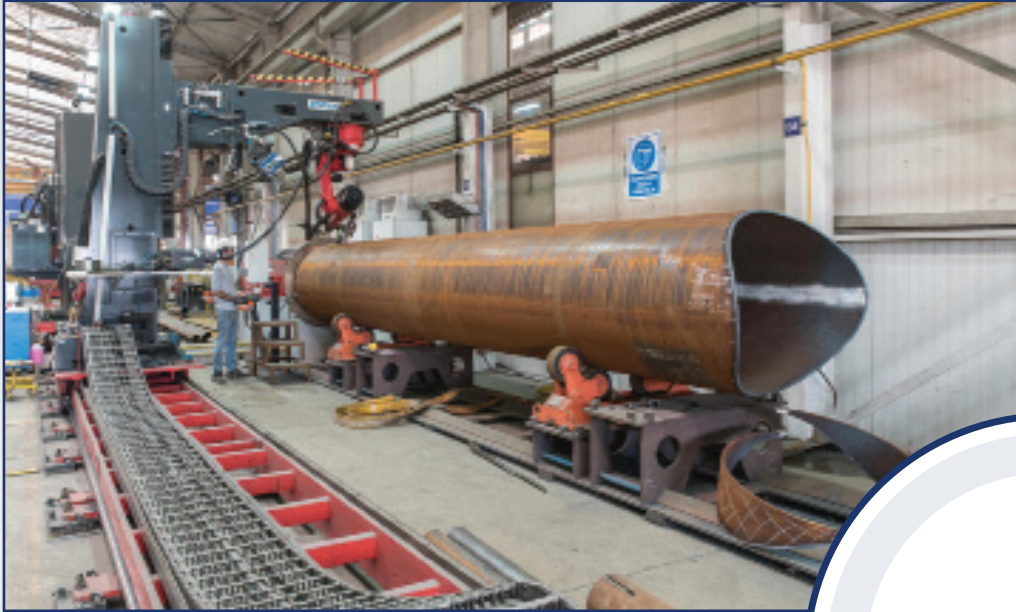




# HORIZONTAL CONNECTING PIPES (Chords & Cross Bracings)

## POSSIBLE FABRICATION LOCATIONS

- 1 Çimtaş Steel, Gemlik
- 2 Çimtaş Shipyard, Gölcük
- 3 Çimtaş Pipe Factory, Gemlik

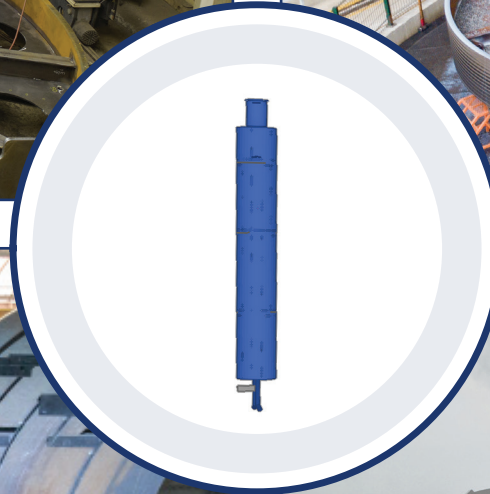




# TURRET

## POSSIBLE FABRICATION LOCATIONS

- 1 Çimtaş Steel, Gemlik
- 2 Çimtaş Shipyard, Gölcük

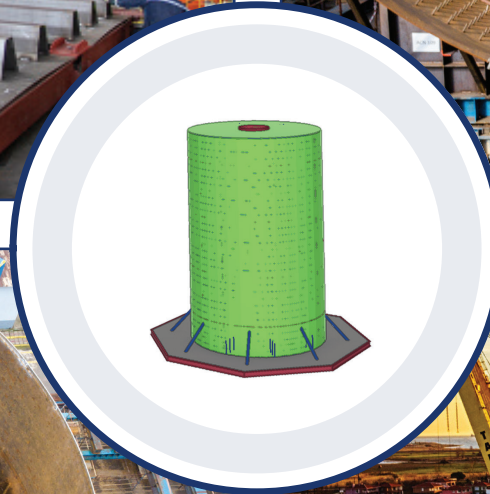




# BOW COLUMN STRUCTURE

## POSSIBLE FABRICATION LOCATIONS

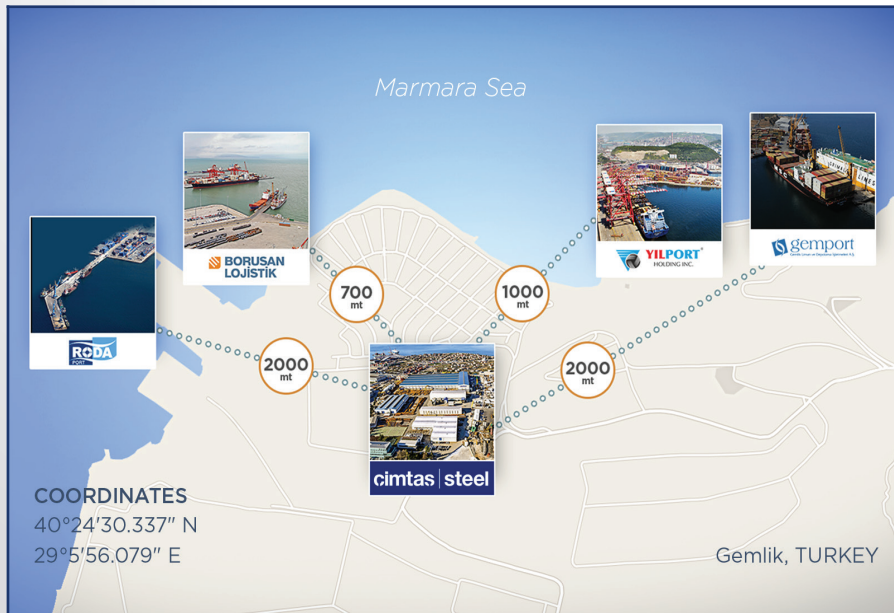
- 1 Çimtaş Steel, Gemlik
- 2 Çimtaş Shipyard, Gölcük





# LOGISTICS

GMK 1, manufactured and owned by Çimtaş, is a Turkish flag dynamic positioning-vessel being used for transportation of offshore structures and assembled modules.



Çimtaş Steel has a remarkable transportation ability with being in 2 km distance from 4 international deep sea ports.

Çimtaş Shipyard owns 252 meter waterfront for direct sea transportation.



# ÇİMTAŞ SHIPYARD FACILITIES



**TOTAL FENCED AREA:**

270.000 m<sup>2</sup>

**WATERFRONT:** 252 m

- 1 LOAD OUT BERTH:**  
85 m (L) x 56 m (W)  
Draft: 6,5 - 7,3 m
- 2 ROLL-ON ROLL-OFF BARGE LOADING QUAY:** 109 m (W) Draft: 7.3 m
- 3 SLIPWAY 1:**  
180 m (L) x 56 m (W)  
%5 Slope, 10,000 DWT
- 4 SLIPWAY 2:**  
106 m (L) x 20 m (W)  
%1 Slope, 10,000 DWT
- 5 400 t GANTRY CRANE**
- 6 FABRICATION HALLS**  
65.000 m<sup>2</sup>
- 7**
  - ASSEMBLY YARD 1
  - ASSEMBLY YARD 2
  - ASSEMBLY YARD 3
  - LOADING & FINAL ACCESSORIZE AREA

**TOTAL FENCED AREA:** 270.000 sqm

**TIDAL CONDITIONS:** +/- 35 cm





**FOR MORE**

**www.cimtas.com**

**THANK YOU**