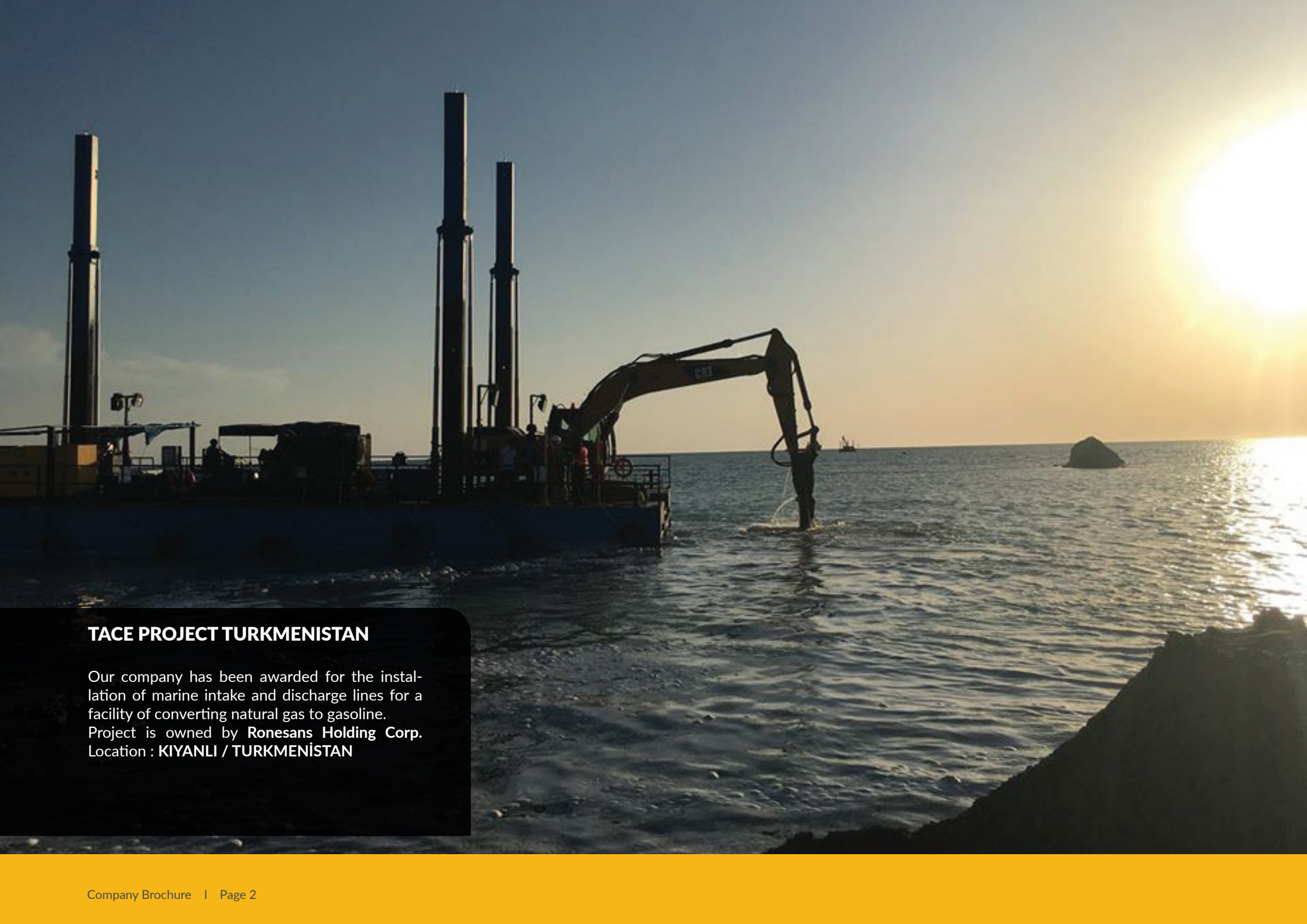


**DENTA  
DREDGING LTD...**



## TACE PROJECT TURKMENISTAN

Our company has been awarded for the installation of marine intake and discharge lines for a facility of converting natural gas to gasoline. Project is owned by **Ronesans Holding Corp.** Location : **KIYANLI / TURKMENISTAN**





## ► Welcome

### WELCOME TO DENTA DREDGING LTD...

Denta Dredging LTD, has been serving with its specialized staff for 14 years in marine construction and dredging industry. Our experience has been growing with the projects we have undertaken in **Azerbaijan, Turkmenistan and Iraq.**

We develop know-how techniques and manufacture job specific equipments for specific projects.

We have been solution partners with Turkey's leading construction companies for international projects.

### ABOUT OUR COMPANY.

Our Company whose main field is marine dredging and underwater construction has been carrying out bottom dredging works in sea, lake, rivers, yacht harbor, and seaport and fisherman shelters by using mechanic and hydraulic tools since 2001.

Our Company, which was founded as an individual firm in 2001, has provided services successfully in various projects and as a result of the experience it earned, we have reconstructed our establishment to Limited type in 2007 and proceeded our works as **Denta Dredging and Underwater Construction LTD.**

After the establishment of our Company in 2001, we have finalized various important projects with success, not only in Turkey but also in some other Countries.

### WHAT DO WE DO ?

We follow the developments especially on equipments and techniques in our field , by cooperating with the world's leading dredging firms.

In accordance with the work's characteristic, we provide tailormade equipments, starting from its design till its manufacturing.

Rather than importing, we manufacture our own equipment and operate by using our countries' possibilities.

We always give importance to employ qualified personnel and trainee them time to time

We work on specific projects and be a solution partner of our clients.

**Gökhan Yurder**  
General Manager



...Marine Pipelines



Our  
Services



Underwater Technology...



# Services

## I- Dredging Services :

- Sand and mud dredging works in seas, lakes and rivers.
- Dredging works in hard soil conditions, by underwater breaking of stones, rock, etc.

## II- Port Constructions :

- Bottom levelling and concrete block placement works in the jetty constructions.
- Underwater concrete pouring works for ports constructed with moulds.

## III- Underwater Constructions :

- Cleaning of intake structures of the power plants and natural gas terminals from mud, mussels and seaweeds.
- The installation of the intake and discharge pipe lines of the power plants, natural gas terminals and waste water treatment plants and repair works of the damages that may occur in the existing lines.
- The cleaning of the mussels on the ports or on the petrol platform piles by rasping them and replacing of the anodes whose periods of uses have expired by removing the old ones and by welding the new ones and the reestablishing of the cathodic protection again.
- Dewatering of the of the piles of the ports or the petrol platforms by dry docking the wave lengths of these and refurbishment works of them by painting with epoxy paint.
- The taking out works of the wrecks and the scraps underneath the water to the land by cutting them under the water.
- The correction works of the amorphous grounds on the parts of the ship slip ways by filling and leveling.
- The maintenance and the repair works of the mooring buoys.
- Underwater video recording works...







“Turkmenbashi/ Garabogaz Ø 3700 mm GRP Pipeline Project ”





## ▶ | Ø 3700 & 3100 mm GRP Pipeline Project.

Turkmenistan / Garabogaz Fertilizer Plant sea discharge pipeline projects...

Our company will install water intake and discharge pipelines in the sea for fertilizer plant which is under contrction in Turkmenistan/Garabogaz by **GAP Construction Corporation**. (KGF-SWIO Project) Total length of 3700 mm-diameter intake line and 3100 mm-diameter GRP discharge line is 3254 meters.

GRP pipes of which each one is 18.000 kg will be installed by jointing in the channel which will be excavated by breaking the rock bottom under the sea. Project duration is 2 years and 2 dredgers, 1 pipe laying barge, marine vessels, excavators, winches, diving equipments and our professional team will serve during the project.





## **GARABOGAZ SWIO TURKMENISTAN**

Our company has been awarded for the installation of Ø 3700-3100 mm GRP pipes of the biggest fertilizer factory of Turkmenistan that was founded by **GAP CONS. CORP.**  
Location : **GARABOGAZ/TURKMENISTAN**





## ► | Ø 3700 & 3100 mm GRP Pipeline Project.

### Project Scope ;

- Excavating the channel by rock breaking both inland and in marine,
- Bottom Levelings ,
- Installaion of the GRP pipes in the channel,
- Backfills,
- Diffuser installation,
- Assemblage of the water intake structure weighing 140 tons in the sea,
- All diving works,
- Reporting, creating an archive,
- Supply of all the equipment and whole team.





1200 mm HDPE

“Turkmenbashi/Kıyanlı 1200 mm Hdpe Pipeline Project”





## ► | Ø 1200 mm HDPE Pipeline Project

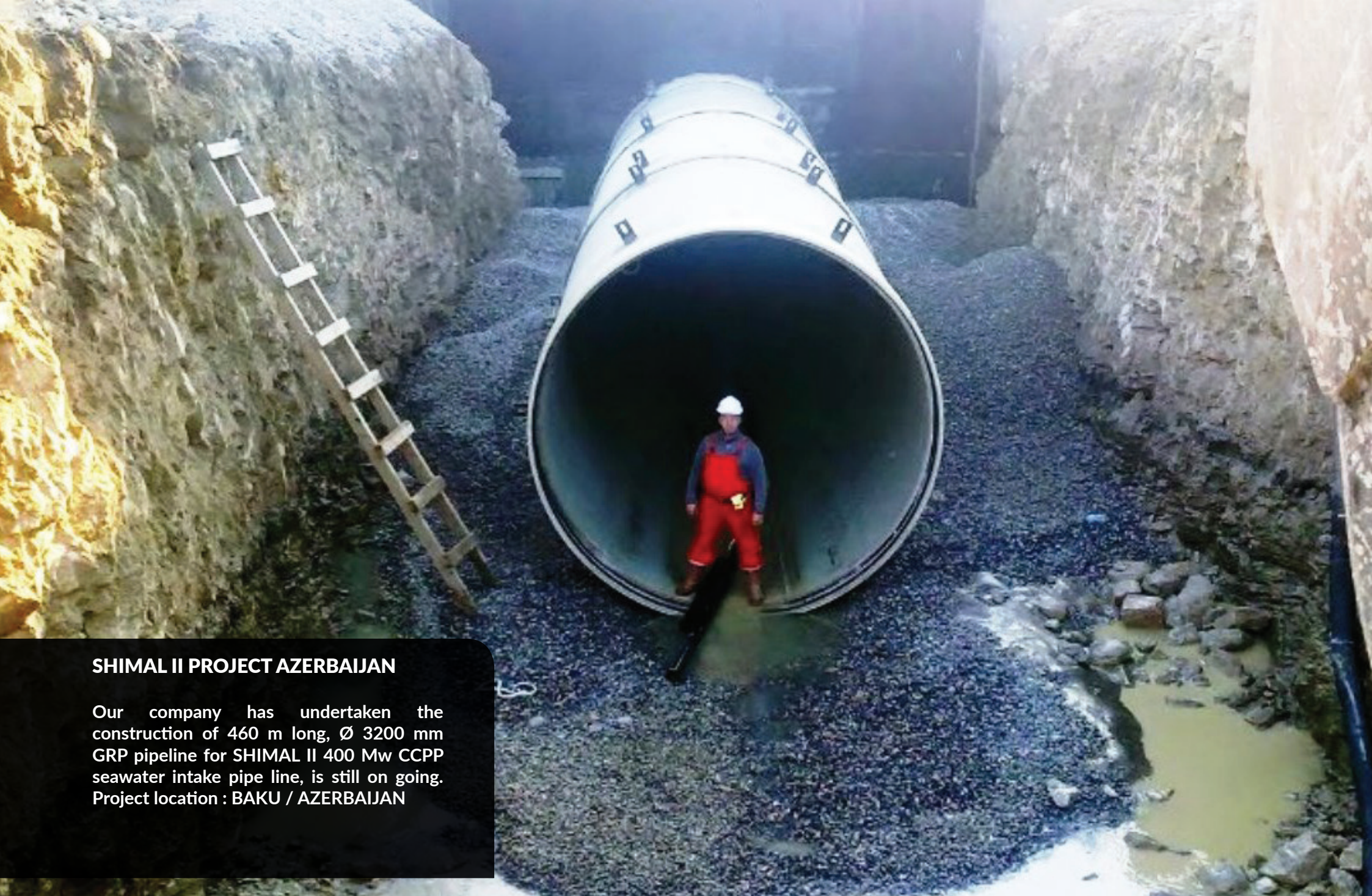
### Turkmenistan/Kıyanlı Gas to Gasoline Outfall Project

For converting natural gas into gasoline plant that has been being constructed in Turkmenistan/Kıyanlı region, our Company has undertaken all workmanship, as turn- key, for water-intake bory lines through the sea.

Within this scope, it has been started to dispatch, from Turkey, all the floating equipments required for all the welding, excavation, mounting and filling works of 2300 meter 1200 mm-diameter HDPE pipe lines to be installed into the sea.

- Supply of all the machine and equipment group,
- Execution of dredging works,
- Operation of floating excavator,
- Filling the dump,
- Completion of the work on time.





## SHIMAL II PROJECT AZERBAIJAN

Our company has undertaken the construction of 460 m long, Ø 3200 mm GRP pipeline for SHIMAL II 400 Mw CCPP seawater intake pipe line, is still on going. Project location : BAKU / AZERBAIJAN





## ► | Ø 3200 mm GRP Pipeline Project.

### Azerbaijan / Baku Shimal II CC Power Plant GRP Pipeline Project

AZERBAIJAN/BAKU (SHIMAL 2) Power Plant 3200 mm water taking pipe line project.

Within the project;

The whole underwater labor for 430 M. 3200 mm diameter GRP pipe line laying administration and consulting services related to the project retooling and operating of the equipments that will be used in the project underwater installation of 60 tons water intake structure the professional diver crew and supplying the entire underwater equipments, sand fillings  
Entire manufactures are made underwater.

- Project management,
- Consultant,
- Installation of the underwater pipes,
- All Underwater works,
- Procurement of materials and equipment from Turkey,
- Remedy the deficiencies in the project.

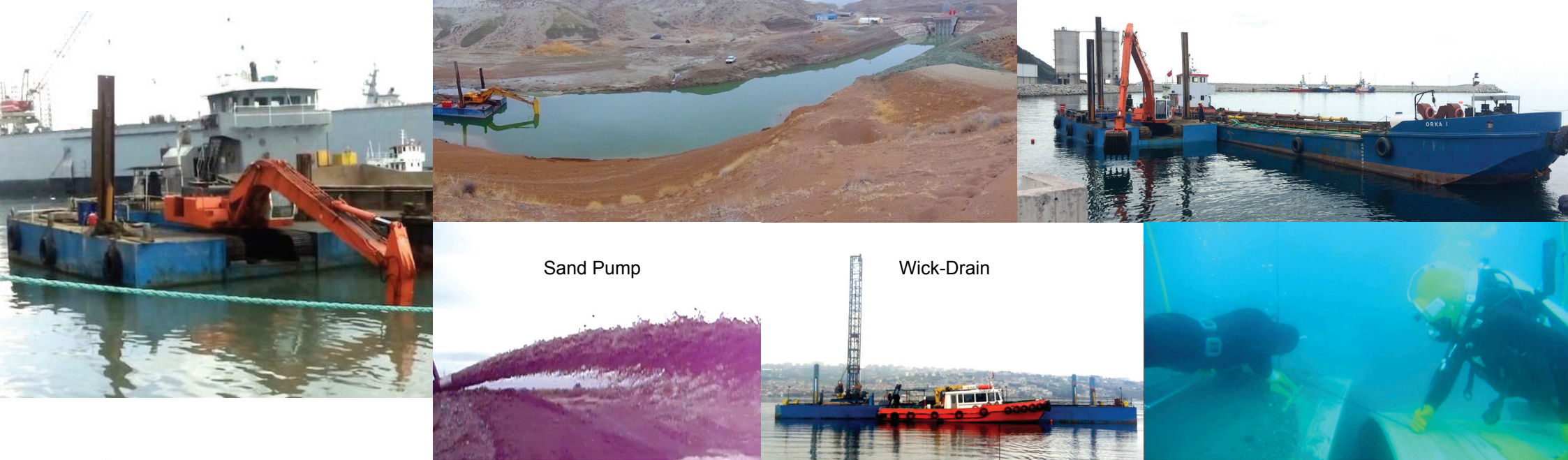




# World Dredging

## “Backhoe / Dredgers Cutter Suction Dredgers”





## ► Other Projects

- Shore canal excavation for Turkey-Greece fuel gas pipeline transition project,
- Sapanca – Adapazarı drinking water lake cement solidifying, laying 2x966 m 1600 mm diameter pipes in depth of 28 meters,
- Golcuk Naval harbor dredging operation,
- Mersin, Karaduvar wastewater treatment plant, 2105 meters length 1800 mm diameter GRP deep sea discharge pipeline,
- Lake Sapanca 2 X 350 m, 1000 mm diameter HDPE pipeline,
- Turkmenistan / Turkmenbasi, desalination project underwater pipeline channel excavation,
- Mersin (MIP) harbor bottom dredging and underwater rock breaking,
- Inebolu harbor rock dredging,
- Underwater rock breaking of Rumeli Lighthouse fishermen shelter are some of projects that we take over,
- We are also providing services that are our fields in the aspect of the field type like diving and underwater operations.
- Our portal wick-drain installation barge (installation tower 26 m) which has 40 M stature, 12 m width and 2m height is being operated in Büyükçekmece yacht harbor construction.
- Our Firm has taken over the whole underwater operation of laying 3200 diameters of GRP (CTP) pipe line for the providing cooling to water from sea for Shimal 2 CCPP power plant in Azerbaijan/Baku.
- In our Istanbul/Buyukcekmece Yacht Harbor construction site, sea bottom reclamation, dredging and filling operations are in progress.
- In our Kastamonu/Inebolu construction site rock breaking and dredging operation in -10 meters has been completed.
- Within open channel project for Yunus Emre Power Plant cooling off water, substantial solid surface terrain (schist, sand rock) has been broken and scanned with hydraulic breakers up to -11 meters of depth.
- Hyatt Regency Hotel (Ataköy) 2 X 450 mm HDPE pipeline construction.





Portable Dredging Barge



# OUR EQUIPMENT

All equipment belongs to our company...

Description	Name	Long	Width	Height	Protuction Year	Dredging Depth	Piece
Dredging Barge	DENİZ - I	20 m	10 m	2.40 m	2016	12 m	1
Dredging Barge	MELIS - I	18 m	9.5 m	2.00 m	2106	12 m	1
Dredging Barge & Floating Creyn	DENTA - 5	40 m	12 m	2.00 m	2016	14 m	1
Tug Boat ( Diving Boat )	DALIS - 5	10 m	4 m	1.7 m	2012	-	1
Long Reach Excavator 40 Ton	NEW HOL- LAND E-385	19 m	-	-	2011	12 m	1
Long Reach Excavator 40 Ton	KOMATSU PC 350	19 m	-	-	2012	12 m	2
Hdpe (CNC) Welding Machines	WELTECH	-	-	-	2016	-	2

## Diving Equipments

- Kirby Morgan 18 Helmets.
- Underwater communacation radio system.
- Diver boats and marine engines.
- Scuba equipments.
- High bar compressor.
- Underwater camera and housing.
- Underwater computers.
- Dry and wet suits.
- ABC Equipments.

## Other Equipments

- Submersible sand and water pumps.
- Undervater hydraulic breakers.
- Diesel Generators.
- Compressors.
- Centrifugal pumps.
- Welding end cutting equipments.
- Measuring equipments. (Total station and Nivo)
- Containers and site equipments.
- Pick-ups.
- Hand tools.





## HDPE - GRP PIPELINE CONS.

Denta Dredging LTD, has been serving with its specialized staff for 15 years in marine construction and dredging industry. Our experience has been growing with the projects we have undertaken in **Azerbaijan, Turkmenistan and Iraq.**



# Our Employers

“...We are happy and proud, to have served our dear customers for 15 years.”



**TAVROS**  
INVESTMENT HOLDING

**RÖNESANS**HOLDING



**GAP İNŞAAT**

**KAPTAN**  
ŞİRKETLER GRUBU

azerbaijan  
energy  
construction  
**azenco**

**sistem yapı**







# Underwater Pipeline Construction

“Turkmenistan and Azerbaijan Underwater Major projects”



Turkmenistan / Kiyanlı  
Gas to Gasoline Project



“Employer : Ronesans Holding  
Project Hyundai Corporation”





Cumhuriyet Cad. ES-EL Ap. NO 4/8  
Göktürk / EYÜP - İSTANBUL.  
TURKEY

Phone: 90-212-322-5212

Fax : 90-212-322-5019

Mail : info@dentadeniztarama.com

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Denta Dredging and Underwater Costructions LTD...

[www.dentadeniztarama.com](http://www.dentadeniztarama.com)

