

An aerial, high-angle photograph of a large container ship sailing on a dark blue ocean. The ship is oriented diagonally from the top-left towards the bottom-right. Its deck is filled with numerous colorful shipping containers in shades of yellow, blue, and red. The ship's wake is visible in the water. The overall lighting is somewhat dim, suggesting a dusk or dawn setting.

*From dream to reality.*  
**YOUR STRONG PARTNER AT SEA.**



# ABOUT US

VDenge has over 20 years' experience in various type of ship design, engineering and construction services for marine and offshore industries globally.

VDenge independent design & consultancy company which has been outfitted with experienced and enthusiastic Naval Architects.

Our expertise covers fit-for-purpose designs in almost all ship types or floating units. As VDenge, we serve our services from scratch to key turn delivery in our scope of works.

VDenge may handle all engineering disciplines and phases during the new ship building and conversion projects.

We are dedicated to delivering services through a vessel's lifecycle – from concept design development and engineering to project management during shipbuilding.

*meet where the continents meet*





## **MISSION**

To meet the needs of our customers by using the resources we have effectively and efficiently.

## **VISION**

To be precursor in Turkey for engineering services in the maritime field, known throughout the world and become a well known engineering company.

# SERVICES





# CONCEPTUAL DESIGN



Determination of main dimensions according to ship type, speed and carrying capacity as per customer requirements.

Form design.

Speed-power analysis.

Weight distribution.

Calculation of preliminary stability (damage and intact.)

Calculation of longitudinal strength.

Subdivision calculations.

Feasibility studies.

Calculation of capacities.

Preparation of preliminary general arrangement.

# STRUCTURAL DESIGN



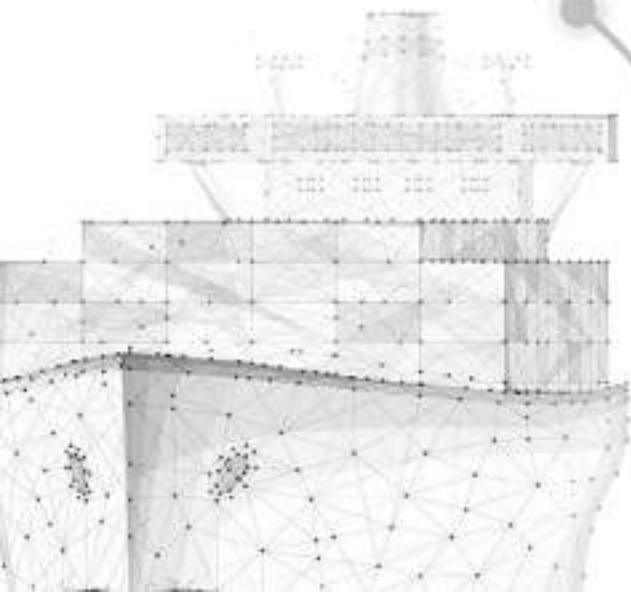
We strive to provide innovative designs that meet the customer's needs, maintain the naval architecture design, and provide effective construction costs.

From preliminary to detailed design, the engineering drawings are made under the control of experienced engineers at each design stage.

Class approved structural drawings.

Structural calculation.

Production drawings for shipyard.



# CAD/CAM DESIGN



VDenge brings together a multidisciplinary team to assist our customers through all project stages; from concept development to detailed design and with all levels of structural engineering expertise from basic structural design to large scale projects. In CAD/CAM service VDenge provides;

2D to 3D Conversion.

CAD Detailing & Drafting.



# MACHINERY-OUTFITTING-PIPING



Calculation of the equipment capacities and selection of equipment.

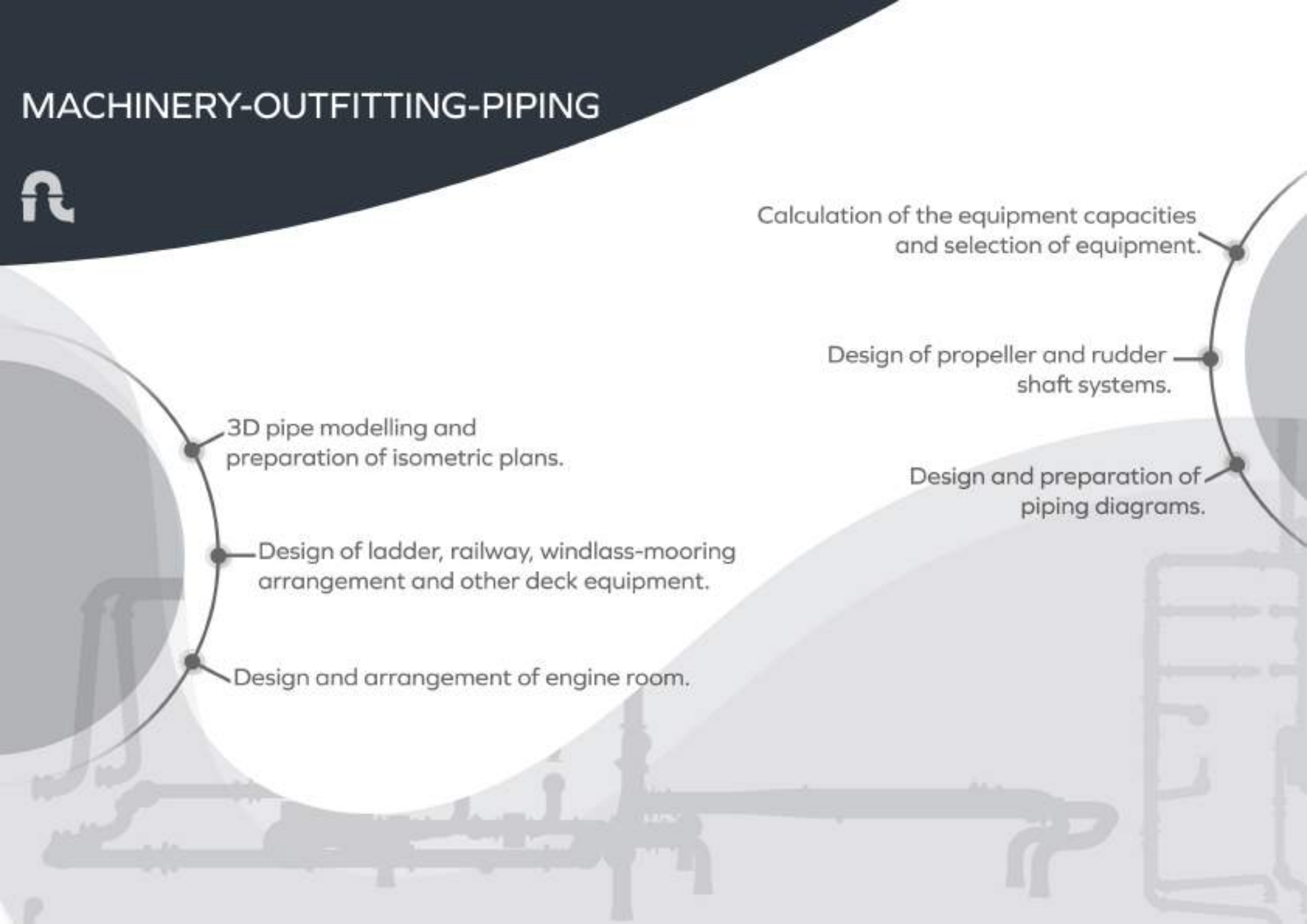
Design of propeller and rudder shaft systems.

Design and preparation of piping diagrams.

3D pipe modelling and preparation of isometric plans.

Design of ladder, railway, windlass-mooring arrangement and other deck equipment.

Design and arrangement of engine room.





# SITE SUPERVISION



We care your projects even it a new building/conversion or repair.

*Your projects are supervised on behalf of you.*



# PROJECTS



**PROJECTS**

**GENERAL CARGO**

*Key Projects*



Project

**MOST ATTRACTIVE**  
Projects



**9300 DWT MULTI PURPOSE GENERAL CARGO VESSEL**



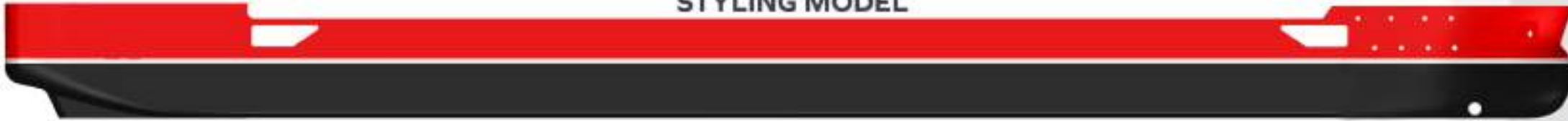


# SHIP DEVELOPMENT PROCESS

MATHEMATICS MODEL



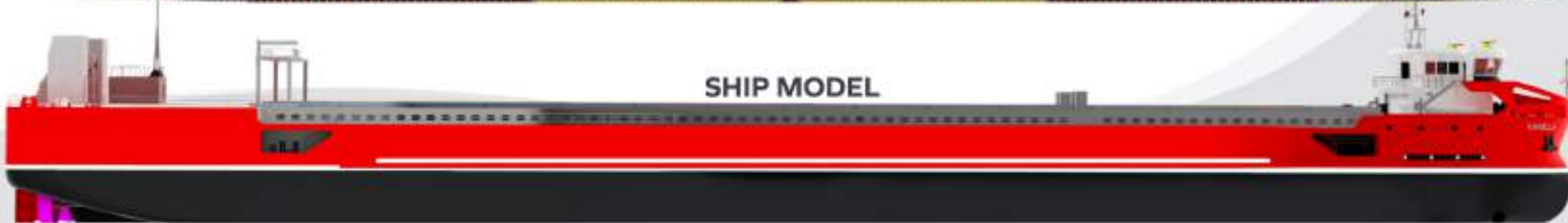
STYLING MODEL



STRUCTURE MODEL



SHIP MODEL





**MOST ATTRACTIVE**  
Projects

**9300 DWT MULTI PURPOSE GENERAL CARGO VESSEL**





Projects

# MOST ATTRACTIVE Projects



## 7900 DWT GENERAL CARGO VESSEL

Sisters of the vessel have been build in China.



Project

**MOST ATTRACTIVE**  
Projects



**6000 DWT GENERAL CARGO VESSEL**





**PROJECTS**

# **OIL/CHEMICAL TANKERS**

*Key Projects*





**MOST ATTRACTIVE**  
Projects

**5750 DWT OIL/CHEMICAL TANKER**

**V** DENGETechnology



**MOST ATTRACTIVE**  
Projects

**5990 DWT BUNKERING TANKER**



**PROJECTS**

**TUG BOATS**

*Key Projects*





**MOST ATTRACTIVE**  
Projects



**45 M FIRE FIGHTING TUG BOAT**

 **DENGE**Technology





**MOST ATTRACTIVE**  
Projects

**26.5 M OIL RECOVERY TUG BOAT**



**PROJECTS**

# **SUPPLY** VESSELS





# **MOST ATTRACTIVE** Projects



**73.3 M SHALLOW DRAUGHT ICE BREAKER AHTS**





**MOST ATTRACTIVE**  
Projects

**42 M FIRE FIGHTING SUPPLY VESSEL**

 **DENGE**Technology



Projects

**MOST ATTRACTIVE**  
Projects



**4308 DWT SUPPLY VESSEL**



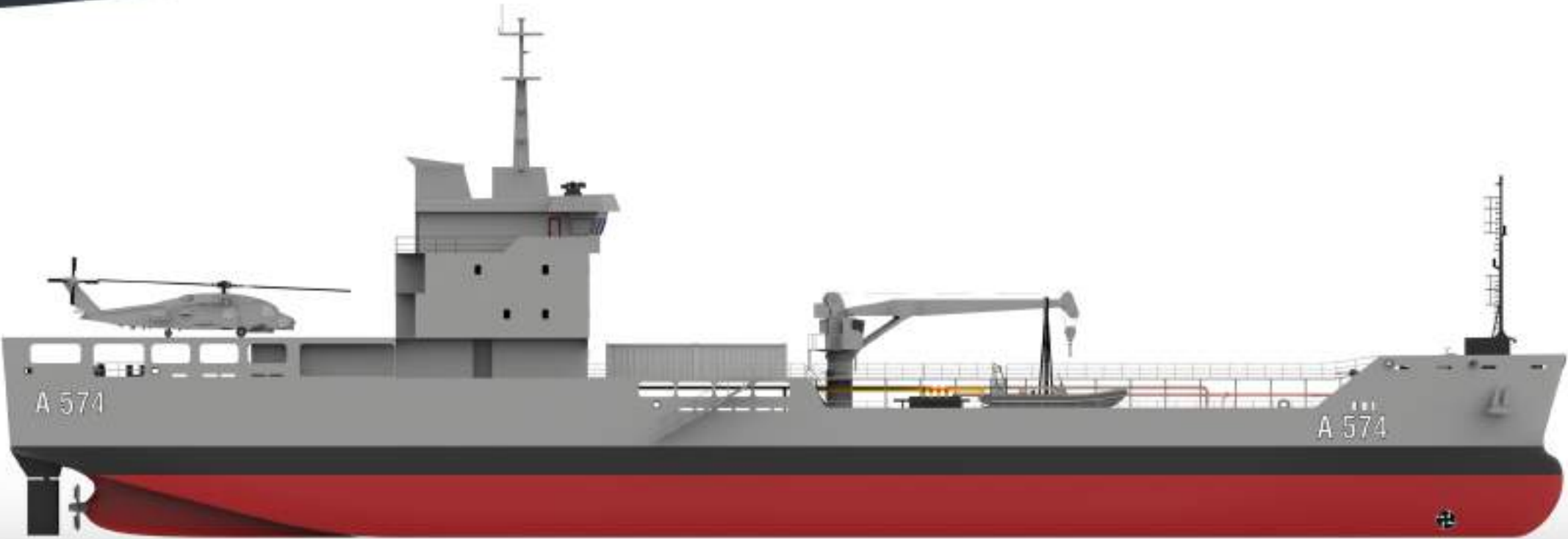
**PROJECTS**

# **NAVY SHIPS**



Projecte

**MOST ATTRACTIVE**  
Projects



**LOGISTIC SUPPORT VESSEL FOR TURKISH NAVY**





**MOST ATTRACTIVE**  
Projects

**LOGISTIC SUPPORT VESSEL FOR TURKISH NAVY**

**V**  
DENGE Technology

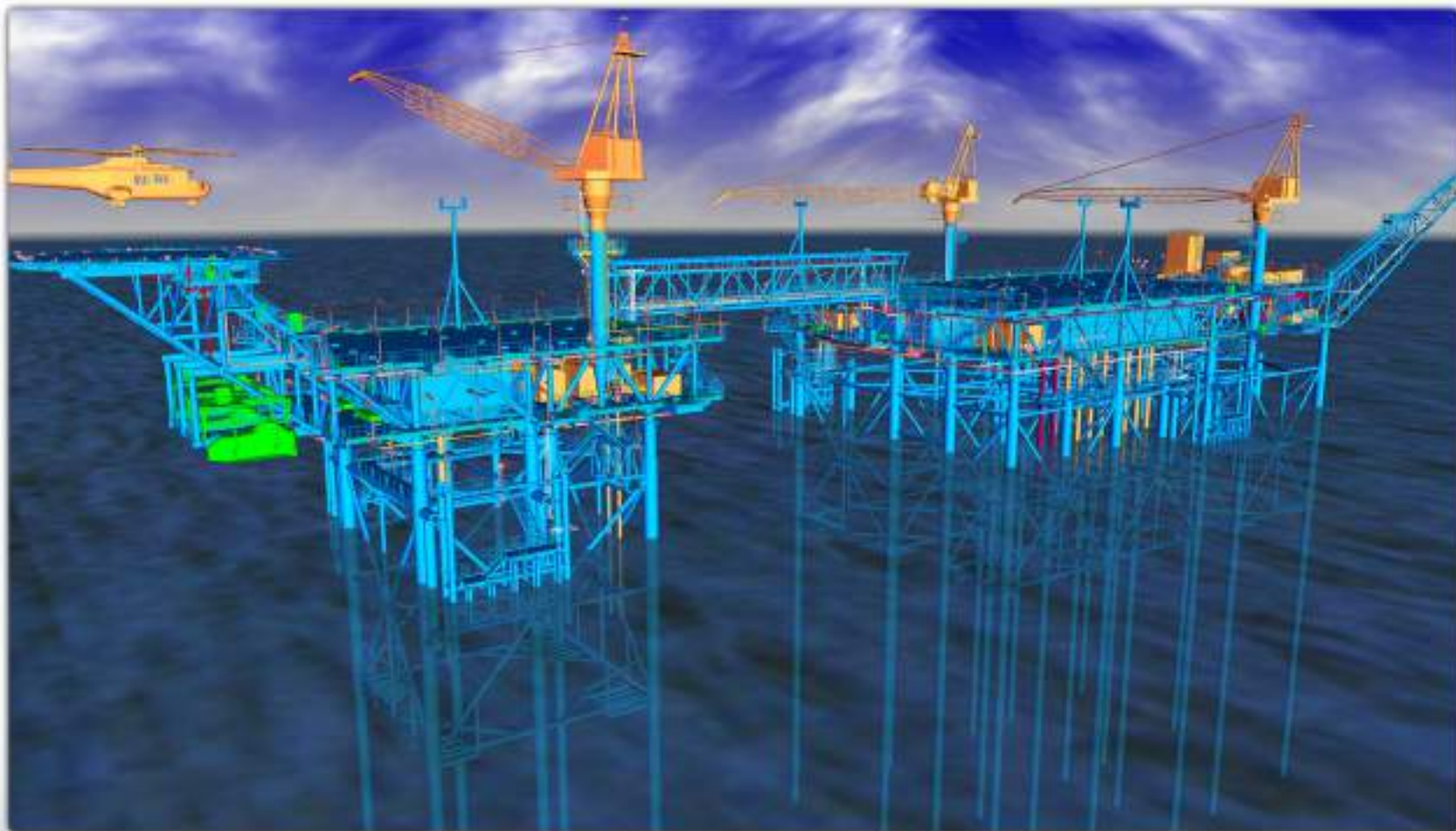


**PROJECTS**

**RIGS**



# RIGS



# DENGE Technology

*Some of our references*

