

2, Kruczkowskiego St. 80-288 Gdansk

# ASE GROUP

**ASE** Automatic System Engineering

# **BIPRORAF**

**PROJMORS** Biuro Projektów Budownictwa Morskiego



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# **History:**

Designing Office for Maritime Structures PROJMORS Gdansk, Poland is the Office of Maritime Economy. It was established in 1948 and was registered as Consulting Engineering Office (in 1950).



In 70's PROJMORS was employed about 400 designers and other specialists. Beside the head office in Gdansk there was also a department in Szczecin that over the years evolved into a designing office called BIMOR.



Since 1991 PROJMORS Company Limited is the successor of the state enterprise Designing Office for Maritime Structures "PROJMORS". From May 2015 "PROJMORS" together with Biproraf and Automatic Systems Engineering is a part of Group "ASE".

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PROJMORS as a leading consulting office renders the following fundamental services in the field of civil engineering for local and abroad investors:

Consulting/ designing

Project Management of "turn key" projects

Construction supervision

# Sea Ports and Harbour Terminals

Specializes bases adopted for handling general cargoes:

- > LNG Port and Terminal
- > Conventional general cargo berths
- > Fuel terminals
- > Container and Ro-Ro terminals
- Passenger / cargo ferries with all general and auxiliary services
- Reconstruction of existing quays, terminals, general and auxiliary services

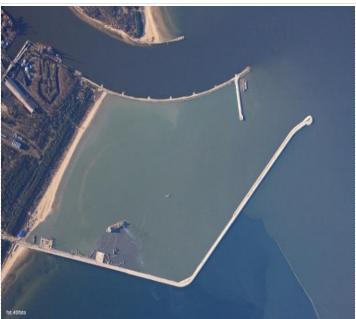


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# **Harbours**:

- New Port and Terminal for LNG Ships up to 215000 DWT
- New breakwater 3000m long with rouble mound and combine vertical/slope section
- Approach channel 200m width, 14,5 m depth





LNG Port and Terminal

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Swinoujscie

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# Harbours:

 New deep water harbour for loading and unloading dry and liquid bulk cargoes (coal, ore, crude oil, petrol).
 Designs of breakwaters, quays, loading piers, port basins with turning circle, approach channel as well as full operational loading and unloading infrastructure





North Harbour

Gdansk

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# **Fuel Terminals:**

 Complex solutions of the OIL PORT in Gdansk in two basins with four loading berths of total loading capacity of 33 M ton per year, serving ships up to 150 000 DWT capacity





Fuel Terminal in North Harbour

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Gdansk

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# **Coal Terminals:**

 Loading berths of total loading capacity of 9 M ton per year, serving ships up to 150 000 DWT capacity





Coal Terminal in North Harbour

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**Gdansk** 

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# **Container Terminals:**

- The biggest container terminal in Poland with loading capacity of 500 000 TEU in first phase and 1 million TEU finally
- VI generation of container ships up to 7100 TEU capacity, 130000 DWT and 14.5 m draft
- The terminal is created on the sea as a peninsula 650 m long and 315 m wide with complete infrastructure (railway, roads, power, Cargo Fright Station, Workshop, etc.)





Deepwater
Container
Terminal

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Gdansk

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# Dry & liquid bulk cargo chemical bases:

 Terminal for storage and handling Liquid and Dry Bulk Fertilizers with most modern dome type storages for dry materials 60000 t capacity and reloading capacity 2x0,5 mill. T/year dry and liquid, ships up to 30000 DWT





Baltic Bulk Terminal

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Gdynia

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# Reloading - storage terminal for granulated sulphur:

The Design consist: railway unloading front, storage for sulfur with a capacity of max. 40 000 t, system of sulphur conveyours with dumping towers and shiploader station which allows to transshipment of sulfur with capacity up to 1000 t / h (400 000 t / year). The project included a comprehensive technological solutions with all associated branches





Reloading storage terminal for granulated sulphur

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**Gdansk** 

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# Fishing Harbours:

Brand new fishing port for 60 small fishing boats (up to 12 m long) and 8 Mediterranean Trawlers (32 m long) with refrigerating complex, fish market, crew hotel, canteen, water well, water and sewage treatment plants, oil tank with ships supply installation, travelift 250 t capacity with repair yard





Garabulli
Fishing Harbour

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Garabulli

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Libya

# Ship Repair Yards

Technological lines for repair of ships include following different lifting arrangements such as:

- > Dry and floating docks
- > Slipways
- > Lifts



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# **Ship Repair Yards:**

- Complete design of ship repair yard for commercial and all dimensions fishing vessels. The project includes maritime and civil engineering structures, buildings and general and auxiliary installations
- Technological lines for repairing ships include following different lifting arrangements such as: dry and floating docks, lifts, slipways





**Nigerdock** 

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Lagos

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**Nigeria** 



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# **Ship Repair Yards:**







Ship Repair Yard "Gryfia" in Szczecin, Poland

Ha-Long Shipyard, Vietnam Ship Repair Yard in Gdansk



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# **Industrial projects:**

**PRO|MORS** 

- The biggest investment of its kind in Poland and one of the largest in Europe. The factory was located on a plot of 21 hectares on the Island Ostrow and consists of land and water engineering facilities
- The planned production volume 80 000 t/year





Construction of Production Facillity for Wind Towers in the island

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Szczecin

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# **MOD Projects**

- PROJMORS is having 1st degree of Industrial Safety Certificate "Classified"
- All personnel is trained in the fields of acces to the secret information and certified up to the confidential level. The top management is certified up to the secret level
- PROJMORS employs the Plenipotentiary for the secret information



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#### ŚWIADECTWO BEZPIECZEŃSTWA PRZEMYSŁOWEGO PIERWSZEGO/DRUGIEGO/TRZECIEGO\* STOPNIA Nr 16/I-57/T/WIII/2012 Na podstawie art. 64 ust. 1 ustawy z dnia 5 sierpnia 2010 r. o ochronie informacji niejawnych (Dz. U. Nr 182, poz. 1228), po przeprowadzeniu przez: SZEFA SŁUŻBY KONTRWYWIADU WOJSKOWEGO 02-007 Warszawa, ul. Wojciecha Oczki 1 postępowania bezpieczeństwa przemysłowego, stwierdza się, że: Biuro Projektów Budownictwa Morskiego "PROJMORS" Sp. z o.o. ul. Kruczkowskiego 2, 80-288 Gdańsk 190546243 0000039193 posiada pełną\* zdolność do ochrony informacji niejawnych oznaczonych klauzulą: - na okres do: (termín ważności) 25.03.2019 r. TAJNE - na okres do:\* POUFNE 25.03.2022 r. na okres do:\* z wyłączeniem możliwości przetwarzania tych informacji we własnych systemach teleinformatycznych/ Służby Kontrwywiadu Wojskowego w użytkowanych obiektach\*. Zastępca Dyrektora Zarządu Bezpieczenstwa Informacji Niejawnych Służby Nontrwywiadu Wojskowego ppłk Artur TERLECKI Warszawa, 26.03.2012 r. \*Niewlaściwe skreślić

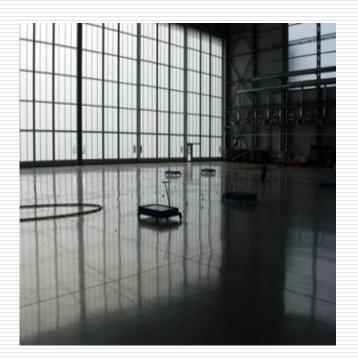
#### ŚWIADECTWO BEZPIECZEŃSTWA PRZEMYSŁOWEGO PIERWSZEGO/DRUGIEGO/TRZECIEGO\* STOPNIA Nr 17/I-20/NS/WIII/2012 Na podstawie art. 64 ust. 1 ustawy z dnia 5 sierpnia 2010 r. o ochronie informacji niejawnych (Dz. U. Nr 182, poz. 1228), po przeprowadzeniu przez: SZEFA SŁUŻBY KONTRWYWIADU WOJSKOWEGO 02-007 Warszawa, ul. Wojciecha Oczki 1 postępowania bezpieczeństwa przemysłowego, stwierdza się, że: Biuro Projektów Budownictwa Morskiego "PROJMORS" Sp. z o.o. ul. Kruczkowskiego 2, 80-288 Gdańsk 190546243 posiada pełną\* zdolność do ochrony informacji niejawnych Organizacji Traktatu Północnoatlantyckiego - na okres do: (nazwa klauzuli tajności) (termin ważności) 25.03.2019 r. NATO SECRET - na okres do:\* 25.03.2022 r. NATO CONFIDENTIAL z wyłączeniem możliwości przetwarzania tych informacji we własnych systemach teleinformatycznych/ w użytkowanych obiektach\* Zastępce Dyrektora szadu Pezpieczeństwa Służby Kontrwywiadu Wojskowego Warszawa, 26.03.2012 r. pplk Artur TERLECKI



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# **MOD Projects:**

• The biggest hangar in Poland with total cubature 140 000 m<sup>3</sup> with complete installations for servicing military aircrafts





Aircraft Servicing Hangar

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**Powidz** 

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# **MOD Projects:**

- Motor pool area washrack
- Tactical vehicle trail improvement
- Tracked and wheeled vehicle maintence bays
- Amunition holding area
- Motor pool hardstand
- Fuel point
- Parts and target warehouse
- Boresight screening and harmonization range
- Tracked vehicle target positions
- Military operations on urban terrain (MOUT) integration training site
- Aviation target positions
- Wheeled vehicle target positions
- Standard and large ammunition loading dock

FY15 ARMY
EUROPEAN
REASSURANCE
INITIATIVE (ERI)
PROJECTS

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Drawsko Pomorskie

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# Project's Management

- Complete services of Engineer acc. to FIDIC proceures
- Construction supervision on site
- Settelements of accounts of the project cofounder by World Bank, EU founds as PHARE, ISPA, Cohesion Found etc.



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# **Project's Management**

- First in East Europe Agricultural Food center with the highest standards – "Turn-key" project
- Flower hall 5000 m<sup>2</sup>
- Fruit and vegetable hall and the hall of foodstuffs  $2 \times 100000$   $m^2$
- Parking for 1815 cars
- Office building with technical background





Agricultural – Food Products Center "Rënk"

> Gdańsk Barniewice

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# Fishery and Fish Processing

- Fish processing factories and lines for filleting, freezing, salting, smoking and canning
- Fish meal plants
- Fish and processed fish distribution systems- transport, cold stores, retail sale, wholesale etc.
- Organization and management of fishing and fish processing enterprises and fish industry

Item	Country	Name of project	Kind of project
1.	Bulgaria	Cold store at Vidin	Final Design
2.	Mexico	Fishing base and Canning factory at Mazatlan	Preliminary design
3.	Germany	Fish processing factory in Muchelm	Feasibility study
4.	Libya	Fishing cold stores and slices ice factories in Zuara, Tripoli, Homs, Misurata and Banghazi	Working drawings and tender documentation



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# **Project's Management**

Construction of refrigerated storage of fish (with a capacity up to 9.000 T) with associated developments

- Preparation of comprehensive documentation
- Provide contractor in all branches
- Security of supervision
- Carrying out technological start-ups
- Completed necessary machinery and equipment
- Financial settlements

Refigerated storage of fish

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Gdynia

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# **Project's Management**

- Construction of stormwater embankment with the length of 830m on which an inspection road made of prefabricated road slabs will be built
- Demolition of the existing breakwaters and construction of new ones
- Construction of shoreline groins made of wooden piles

Shore protection structures east of the Darłowo sea port

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Darłowo

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# **Personel and Departments**

We employs of high qualified personnel in all engineering branches as:

- Architecture
- Civil engineering including roads and railways
- > Inland and marine engineering
- Environmental
- Mechanical and technological
- Electrical
- Teletechnical
- Sanitary engineering

#### MORE IMPORTANT REALIZATIONS

- North Harbour in Gdansk
- Deepwater Container Terminal in Gdansk
- > Fishing Harbour in Władysławowo
- Container Terminal in Ostrów Grabowski, Szczecin
- > Reloading berth of petroleum products in Gdansk
- Baltic Bulk Terminal in Gdynia
- Construction of Production Facility for Wind Towers in the island of Ostrow Brdowski in Szczecin
- > LNG Port in Swinoujscie
- Aircraft Servicing Hangar
- > NATO Navy Base in Gdynia and in Swinoujscie



#### MORE IMPORTANT REALIZATIONS

# **Abroad:**

- Shipyard "Nigerdock" (Nigeria)
- Garabulli Fishing Harbour (Libia)
- Fishing Port in Saint Louis (Senegal)
- > Trypolis Harbour (Libia)
- Derna Harbour (Libia)
- "Ha-Long" Shipyard (Vietnam)
- Shipyard "Casablanca" (Cuba)
- Container Terminal in Alger Harbour (Algeria)
- Shipyard "Islas San Anders" (Columbia)

# **Contact:**

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# THANK YOU FOR YOUR ATTENTION