



DUGLAS ALLIANCE LTD. is a fast-growing company that specializes in the development and implementation of projects in the field of industrial construction, including power objects.

DUGLAS ALLIANCE LTD. offers comprehensive and quality solutions to the tasks within reasonable time and at minimum cost - at the projects preparation and implementation stages, as well as in the process of their further operation.

Our team - consists of more than 2,000 employees of staff and attracted personnel, including more than 250 specialists in the field of engineering, construction management, logistics, law and other areas, practical experts that have been involved in the implementation of large-scale construction and power projects around the world. We are ready to fulfil a project of any difficulty at all stages of its implementation. As a result, the clients receive a comprehensive solution of their tasks which guarantees calculable and cost effective result.





Equipment fleet

270 units of construction machinery and specialized construction equipment, which is used for execution of the industrial and infrastructure projects.

Our clients' trust

is based on the competitive advantages, which also create the most beneficial money-making conditions for our clients:

- international experience in project management;
- flexible financing system and price policy;
- time optimization for projects implementation;
- comprehensive and effective solutions to achieve results.



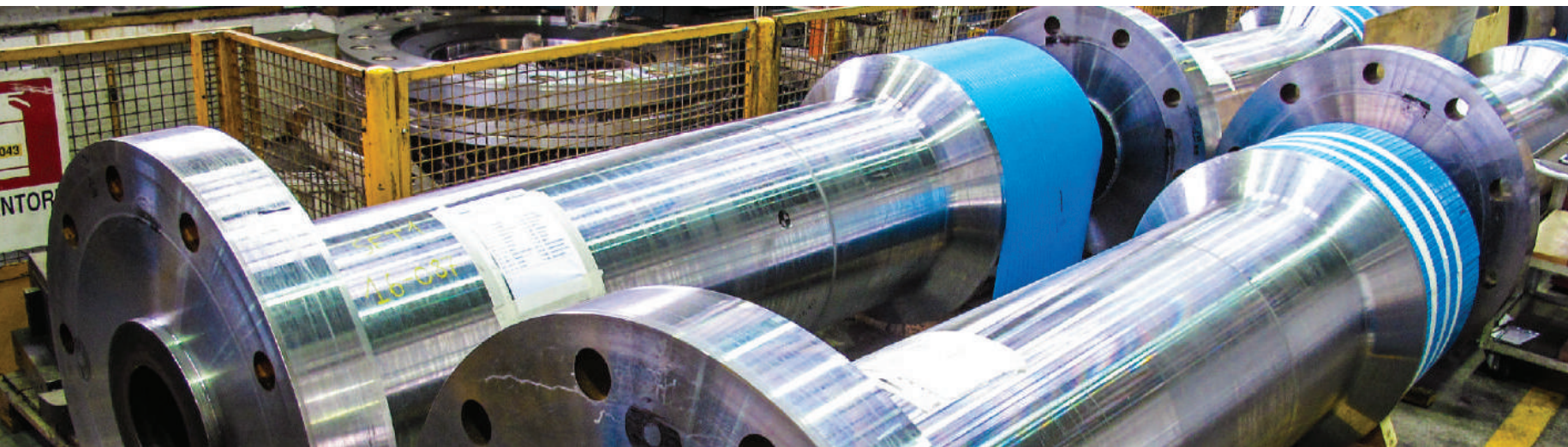


Services provided by DUGLAS ALLIANCE LTD.

- Project management
- Industrial construction
- Surveys
- Trading

Project management

- development of project management plans;
- projects execution control:
 - financial;
 - deadline.
- quality control;
- adjustment of methods, plans and approaches for the clients' needs;
- project management outsourcing;
- consulting in project management domain.





Industrial construction

- hydropower plants, distribution substations, transmission facilities;
- hydraulic structures: water reservoirs, basic and auxiliary structures of the hydropower complexes, including dams of different designs, penstocks;
- water intakes, headrace and tailrace canals, powerhouses;
- roads, communication lines, thin-walled steel structures;
- industrial facilities built with the technology of frame construction of prefabricated buildings, warehouses and hangars of different purpose;
- modular prefabricated buildings for work and accommodation with utility networks, water supply systems, sewerage and ventilation.

Surveys

- geodetic and topographic;
- geophysical and seismological;
- hydrological and meteorological;
- hydrogeological, engineering-geological and geotechnical;
- laboratory testing.

Trading

- construction materials;
- machinery and equipment.





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Project management

Effective planning and stage-by-stage control of the projects make it possible to optimize the time input, financial and human resources and considerably increase the possibility of successful implementation of the projects and achievement of clients' business aims.

Quality project management is a guarantee of successful implementation of the goals and long-run success owing to:

- increasing the transparency, manageability and controllability of the projects implementation;
- decreasing the time of the projects implementation;
- increasing the efficiency of the resources use, including simplification of the procedure of engagement of new specialists;
- improving the quality of works and services;





- increasing the efficiency of decision-making processes.

The Company provides expert and consulting support at the stage of preparation and planning of a project, assistance in the development of documents, necessary for successful project administration and fund raising:

- concept and project summary;
- environmental, technological, financial analysis;
- evaluation and description of risks, mechanism of risks management;
- formation of organization structure and teams of project management;
- general and detailed works planning;

- description of products, expected deliverables and influence of a project;
- development of the mechanism of control, monitoring and evaluation of the results of the project implementation;
- project information support, etc.





The employees of DUGLAS ALLIANCE LTD. have international experience in construction of hydro-power objects all over the world: our engineers took training with industry leaders in France, Germany, Austria; supported the international projects financed by the European Bank for Reconstruction and Development and the European Investment Bank for production, installation, commissioning and start-up of the equipment for the HPP of Dnipro cascade (Ukraine); provided technical support for Bushehr Nuclear Power Plant (Iran), Kharanorskaya SDPP (Russia), Kudankulam NPP (India).





Employees of the Company have considerable experience in implementation of various hydropower objects:

- performing the duty of chief engineer and designer supervision of the construction of Can Don HPP and Nam Chien HPP (Vietnam);
- managing the construction of underground facilities at Deriner HPP (Turkey);
- providing the exploitation of Dnipro HPP-2 (Ukraine);
- developing design and detailed design documentation for different power plants in Ukraine, Belarus, Vietnam and Georgia.

Our team's experience and intellectual potential help us to guarantee successful implementation of the projects.

Our Company's specialists accompanied the complete cycle of production of the hydropower, hydro-mechanical and electrical equipment for Sendje HPP (Equatorial Guinea) construction: from tender specifications to equipment installation.

We have experience of working in such countries as Germany, France, Austria, India, Vietnam, Turkey, the Republic of Equatorial Guinea.





DESIGN - execution of the pre-design elaborations, designs, working designs, detailed designs of industrial and power objects in accordance with the international regulations. We engage leading companies in the sphere of design of hydrotechnical, hydropower, water and other industrial facilities for the development of design materials. In order to control the development of design materials, the Company has a number of highly-qualified specialists with the experience of development and implementation of hydropower and other industrial projects. We use international regulations and latest achievements in the sphere of hydrotechnical construction during projects execution.

CONSTRUCTION of industrial and civil housing objects:

- heat power and hydropower plants, transformer substations, transmission facilities;
- hydraulic structures: water reservoirs, basic and auxiliary structures of the hydropower complexes, including dams of different designs, penstocks, water intakes, headrace and tailrace canals, powerhouses;
- roads, communication lines, thin-walled steel structures;
- industrial facilities built with the technology of frame construction of prefabricated buildings, warehouses and hangars of different purpose;
- earth dams;





- modular prefabricated buildings for work and accommodation with utility networks, water supply systems, sewerage and ventilation.

We have a fleet of construction, transport, lifting and special equipment for execution of the whole complex of the construction and installation works. The number of the machinery, which can be used at different stages of the project implementation, amounts to 270 units, namely: excavators, loaders, vibrorollers, graders, dump trucks, skidders produced by CATERPILLAR, INC; dump trucks, bolster-type tractors, tipping lorries produced by MAN; lifting equipment;

logging machinery (forwarders) produced by Ponsse, as well as equipment of other leading global producers: PUTZMEISTER, DIECI, LIEBHERR, BETONSTAR, ATLAS COPCO, etc.

The vehicle fleet of the Company consists of cars and buses; we can provide the work of the construction and installation companies with a total number of up to 2000 people.





Industrial construction

The main specialization of DUGLAS ALLIANCE LTD. is construction of industrial, power, water facilities and roads. Using modern construction technologies and the Company's human capital, technological capability and intellectual potential allow implementing the projects of any complexity and at any stage: from design to start-up of various facilities.

Our specialists provide a comprehensive survey of the facility and its location to choose and develop a cost-effective design and technological solutions, including:

- engineering works;
- design;
- construction of various industrial and civil housing objects;
- management of manufacture, modernization and
- repair of technological equipment;
- technical supervision.

ENGINEERING SERVICES: surveying, design and engineering works and services, calculation and analysis, preparation of feasibility studies and designs, recommendation for works organization and management.

In order to accelerate the design materials elaboration at the Design stage, DUGLAS ALLIANCE LTD.





together with its partner Kyiv Research and Design Institute "ENERGOPROJECT" (Ukraine) carried out the preliminary investigation of the site and geophysical surveys of potential places of colocation of the main facilities of Sendje HPP, which allowed speeding up substantially the development of the design materials starting with the grounding of the composition of the main facilities, as well as developing well-reasoned recommendations for project implementation and management. In this case, it was important for such preliminary investigations and geophysical surveys to be carried out within the short period of time with minimal expenses since it decreased the risks of bad design solutions, and we could start the elaboration of the main variants of compositions almost immediately.

Engineering is important at the preliminary stages of the development of design materials, as it allows performing an objective analysis of the construction conditions, evaluating the possible risks, preparing the forecasts of the impact of the construction on the environment, and foreseeing the modifications of the social conditions in the construction area.





DUGLAS ALLIANCE

ORGANIZATION OF THE PRODUCTION, MODERNIZATION AND REPAIR OF POWER EQUIPMENT

DUGLAS ALLIANCE LTD. has experience and all the necessary resources for management and execution of production, modernization, repair, quality control and installation of power equipment, and commissioning at all stages:

- selection of equipment specifications;
- development of technical documentation;
- formalization of technical assignments for production, repair and installation of equipment;
- technical supervision over equipment production; participation in factory activities to control the
- quality of manufactured equipment (equipment tests, control assemblies, non-destructive control of welded joints, control of technology of anticorrosion coating);
- acceptance of produced equipment, control of accompanying documentation, control of correctness and completeness of equipment marking and packing;
- development and approval of technical documentation for modernization, repair and installation of equipment;
- industrial control of installation works execution (input quality control of equipment and materials, operational control of executed works, quality control of welded works, acceptance control of executed works);
- technical control at the stages of equipment
- commissioning and start-up; control of formalization of the as-built documentation.





For production, modernization, repair and quality control of the works, equipment installation, DUGLAS ALLIANCE LTD. can offer:

- qualified engineers and technical specialists;
- certified specialists and non-destructive control equipment;
- international network of partners for equipment production;
- partners for power equipment installation;
- tools and instruments for technical supervision of equipment production and installation.

ENGINEERING SUPERVISION over construction and installation of equipment of:

- industrial facilities;
- water facilities;
- power facilities.





Surveys

FULL-SCALE ENGINEERING SURVEY SURVEY is a platform and a basic foundation for a future project, which further influences its reliability and efficiency. The comprehensive approach used by our company helps us to obtain extensive information about the structure of the bases, geological, hydrological, topographical features of the construction site. The survey findings allow choosing the most cost-effective design and layout solutions, performing integrated project assessment from economic and technical perspective, as well as predicting possible environmental changes in the future.

It is the outset of surveys and the quality of their performance that influences both the entire project cycle and the interaction with the natural environment in the long run.





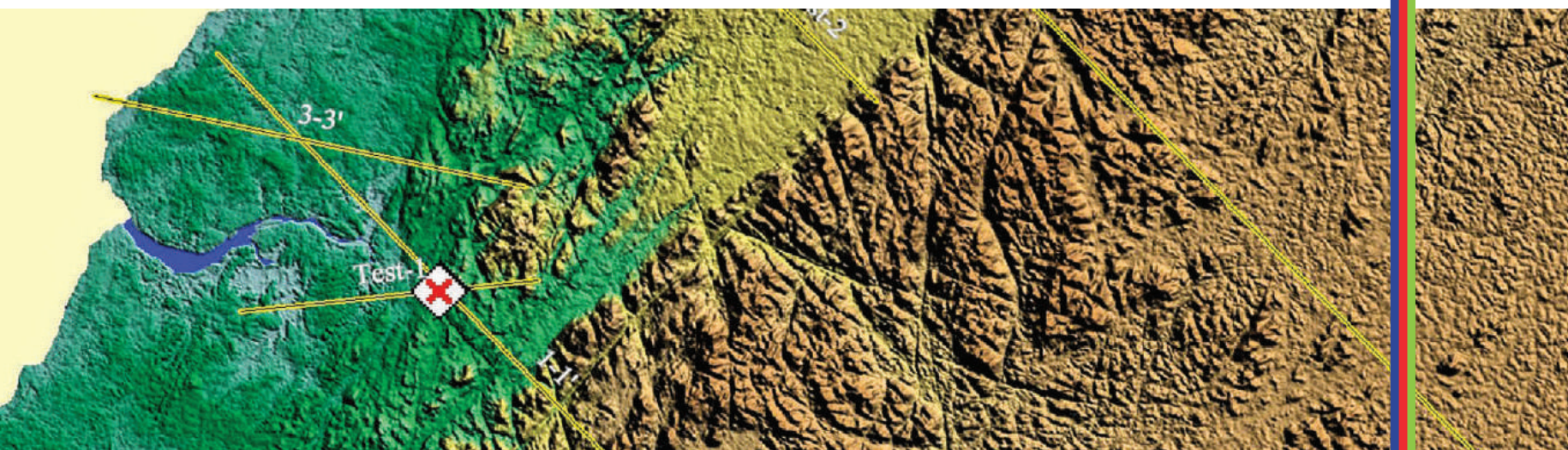
The comprehensive approach of DUGLAS ALLIANCE LTD. includes the following surveys:

- geodetic and topographic;
- engineering geology, hydrogeology and geotechnics;
- geophysical survey;
- seismological research;
- hydrological, meteorological;
- laboratory testing of construction materials, foundation and embankment soils.

The Company has all the necessary equipment for execution of the complete complex of surveys and investigations: drilling equipment, geodesic tools, equipment for hydrology, hydrogeology, geophysical and meteorological surveys.

The staffing level of the Company makes it possible to organize these works in top-quality manner and within short time.

DUGLAS ALLIANCE LTD. has its own construction and soil laboratories, the necessary set of surveying equipment and tools, which let us guarantee the high quality of the materials for construction projects.





Trading

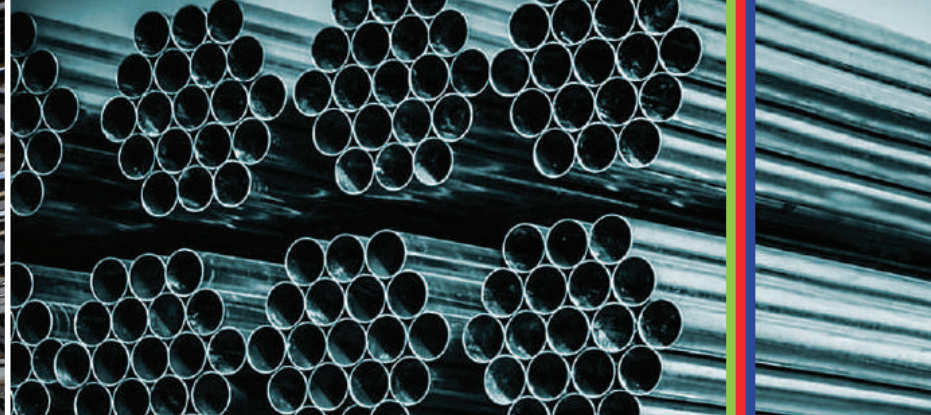
One of the activities of DUGLAS ALLIANCE LTD. is a complex supply of construction materials, machinery, devices and equipment.

The Company offers management of complex supplies of the following goods to any destination:

- machinery and equipment;
- construction materials.

The existing partnership relations with world manufacturers enable us to make a unique offer for each of our clients and satisfy their demands.





MACHINERY AND EQUIPMENT

- construction machinery and mechanisms, cars, buses, harvesting equipment, spare parts for them;
- hydropower equipment (turbine, generator);
- electrical equipment (distribution complex and open substations, transformers, distribution cabinets, electric protection, switches, ground conductors, disconnect devices, cables);
- lifting equipment (bridge cranes, overhead travelling cranes, diesel electric and tower cranes);
- diesel generators and pumping equipment;
- welding equipment and electrodes;
- water treatment and sewage treatment plants.

CONSTRUCTION MATERIALS

- cement of diverse brands in bags and big bags (shiploads);
- reinforcement and construction rolled materials (shiploads);
- additives to cement;
- waterproof materials;
- coiled steel and GSS;
- steel tubes up to 800 mm in diameter;
- metal structures of any complexity;
- combustive and lubricating materials;
- scaffolding, casing.





Thanks to

- a good technical base,
- a professional result-oriented team with huge experience and applied knowledge,
- cooperation with companies all over the world (USA, China, UAE, Great Britain, Sweden, France, Germany, Switzerland, Spain, Czech Republic, Bulgaria, Russia, Italy, Vietnam, Poland, Slovakia, Slovenia, Belarus, Ukraine, etc.)

DUGLAS ALLIANCE LTD. can guarantee the clients completion of the works within the short time and with the desired outcome.

Due to our field experience, the Company is able to quickly create a comprehensive material and technical base at any location from scratch.





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