

BUSINESS AREAS

OIL, GAS & INDUSTRY

Industrial automation has become a necessity today by improving many arguments such as time efficiency, optimization, cost and so on, especially safety.

Adatech is with you with its professional team in all processes from the source of its oil and products to your living space.

WATER BATH HEATER

Waterbath Heater is an alternative solution in the necessary plants to prevent the deterioration of the viscosity of the gas . The deterioration of the viscosity of the gas , the fragility of the pipes and fittings, causes the filter and regulator/valve housings to become clogged.

Adatech analyzes the risks and provides you with the engineering service necessary to solve the problems.

Our Specialties

- *Ham petrol,*
- *LNG,*
- *Isi Transfer sıvıları.*



CHEMICALS AND PETROCHEMICALS

Chemicals and petrochemicals are used in many fields such as agriculture, communication, transportation, etc., especially in the chemical industry. It has become possible to develop new products with petrochemicals and to improve the existing product.

Petrochemical means chemical produced from oil literally. These products are a very important cognition in the production of products in many fields such as mobile phones, computers, synthetic materials, fertilizers and so on.

Adatech, with its expert team, conducts technical analysis of your ideas and helps you develop new creative solutions for hydrocarbons that can be integrated into your system.

One of Adatech's main goals is to find ways to transform its valuable hydrocarbon resource into a long-term value chain cycle for future generations.

Our Specialties

- *Poliolfein tesisleri,*
- *Pet ve polyester fabrikaları,*
- *Amonyak, üre ve gübre fabrikaları,*
- *Gazdan petrokimya üreten kompleksler,*
- *Ksilenlerden polimer üreten kompleksler.*



UNDERGROUND STORAGE

The stable use of energy is one of the most important factors in many operations. Strategic storage units need to be created and developed within the needs to maintain stabilization for many reasons that affect the increase in usage.

Adatech provides solutions for simulation of all injection and recall processes involved in the operation of gas storage facilities, optimization of all plant components and installation of fully remotely controlled systems.

Our Specialties

- *Seasonal storage facilities,*
- *Storage caves,*
- *Facilities for depleted oil and gas fields.*



LIQUEFIED NATURAL GAS (LNG)

Businesses are looking for new energy formations with developing technology for many reasons such as reducing maintenance and operating costs and so on. LNG is the most important energy source when considering these reasons.

Many countries around the world encourage the use of LNG for the future and aim to establish new LNG facilities and renovate existing facilities.

LNG, a fossil fuel with the cleanest burning and numerous environmental advantages, also supports the steady and healthy growth of the world economy at its affordable cost.

Adatech provides integrated and interdisciplinary services for LNG projects, from initial work to design, commissioning and launching.

Our Specialties

- *Liquefaction technologies,*
- *Re-gasification technologies,*
- *Small-scale LNG (SSLNG),*
- *Bunker solutions,*
- *Deployment solutions, including unloading,*
- *Integrated gas-to-power solutions,*
- *Storage tanks,*
- *Skeletons and one-stop moorings,*
- *Bonding and docking solutions.*



INDUSTRIAL

From the Industrial Revolution to the present day, the industry has gone through periods in which different technologies were used. Today, with digitalization, the industry is experiencing its fourth age.

By developing the facilities in accordance with the fourth era of the industry, the environmental energy and material efficiency is improved, operations are optimized, and storage and transportation costs are reduced. The hardest part of achieving these goals is optimizing human-machine interaction using secure IoT technologies.

Adatech combines the industrial modernization process with sustainable solutions and project management experience.

Our Specialties

- *Metal industry,*
- *Mining industry,*
- *Food and beverage industry,*
- *Personal and home care industry,*
- *Construction materials industry,*
- *Paper industry,*
- *Plastic processing industry,*
- *Glass industry,*
- *Raw material recycling.*



REFINEMENT

Oil is used as one of the most important energy sources today. In the future, refineries will be able to respond to changing consumer demands. Optimizing refineries to global standards is critical to reducing their costs.

With its expert staff in the field of Adatech, it provides you with solutions as an independent consultant, while helping to provide sustainable value-creating hydrocarbons that allow humanity to prepare for the future.

Our Specialties

- *Raw materials, oil distillation plants,*
- *Nafta treatment plants,*
- *Gas increment plants,*
- *Flue gas treatment plants,*
- *Raw material and product logistics.*



OIL FIELDS AND TERMINALS

One of the main service areas is consultancy, design, project management and site inspection for the construction of oil depots and terminals.

Adatech offers solutions in many countries such as Tunisia, Egypt and Senegal, as well as national projects such as Filyos Region, Saros Bay, North Marmara.

Our Specialties

- *Storage tanks for crude oil and chemicals,*
- *Finished product,*
- *LPG ve LNG,*
- *Biofuels, chemicals and additives,*
- *Loading and unloading facilities for wagons, canyons, VLCC and barges,*
- *Skeletons,*
- *Single-point moorings (SPM) etc.*

