

EUROPROIECT DESIGN LTD

DESIGN, CONSULTING and TECHNICAL ASSISTANCE on SITE for CEMENT PLANTS, CIVIL and INDUSTRIAL CONSTRUCTIONS
Tel/Fax : +4 031 425 18 66 ; Mobile : +4 0722 393 080, +4 0722 873 629 ; E-mail : office@europroiectdesign.ro ; www.europroiectdesign.ro

GENERAL PRESENTATION OF EUROPROIECT DESIGN, ROMANIA

EUROPROIECT DESIGN LTD was founded as a natural answer to the high demands of the field, and as a legal and functional environment for the national experience gained by our community.

Today, Europroiect Design is one of the leading Romanian Companies, how provide full international services of engineering, consultancy and operation related to Cement, Civil, Industrial, Environment, Waste Water and Infrastructure fields.

The Company has a international experience in three continents as follows :

Asia : Kingdom of Saudi Arabia , U.A.E. , Qatar , Yemen, Syria , Iran, Azerbaijan , Pakistan, Kurdistan

Africa : Ethiopia , Egypt

Europe : Romania

The Company main areas of activity are :

- ***Cement Plants and derivates : Lime Plants and Asphalt Plants.***
- ***Industrial Constructions*** – buildings with metallic structure, reinforced concrete or both; logistic centers; office buildings; production buildings; showrooms, wind mill parks, other industrial constructions ;
- ***Wastewater treatment plants, urban networks*** rehabilitation or new constructions of sewage municipal and industrial drinking water, reverse osmosis, water reuse, sludge, treatment, deodorizing , etc
- ***Civil Constructions*** – office buildings, residences buildings, supermarkets, hypermarkets, schools and gyms, houses, pensions, any other structures ;
- ***Agricultural Constructions*** – zoo technical constructions, farms, any other structures;
- ***Special constructions design*** - metallic or concrete structure – design of silos, oil/petrol/water tanks, bridges, publicity structures – panels, totems, strongholds, any other special structures ;
- ***Environmental protection***
- ***Roads and highways*** ;

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Europroject Design main services :

Consulting Services :

- **Plant Modernization & Upgrades**
- **Master plan studies**
- **Feasibility Studies**
- **Environmental studies and impact assessments**
- **Technical audit**
- **Development of the technical concepts**
- **Tender evaluation**
- **Contracting**
- **Procurement Services**

Engineering Services :

- **Project and Site Management**
- **Engineering & Design , 3D rendering**
- **Elaboration of equipment list**
- **Design review – checking of drawings and documentations**
- **Planning**
- **Supervision of engineering**
- **Supervision of construction and erection**
- **General investment assessments**

Operation and Maintenance :

- **Equipments supervision**
- **Commissioning, operation and warranty assistance**
- **Project management implementation, monitoring, inspections and quality control**

Our team includes highly appreciated supervisors, site managers, project managers and experts as well as planning, commissioning, operating & warranty engineers, architects, structural, mechanical, planning, electrical, roads and highways engineers.

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Consulting offered by our Company to the Clients consists of:

- **Tenders evaluation;**
- **Technical Feasibility studies ;**
- **Consulting regarding choosing a general contractor ;**
- **Process audit for various**
- **Budget administration**
- **Contract negotiations**
- **Design audit**
- **Design review and consulting according European Union Legislation**
- **Supervising during constructions execution according to European Union Legislation and the quality in constructions law, each specialty through certificated and qualified persons;**
- **Consulting regarding organization, coordination and control of the investments/projects ;**
- **Consulting regarding choosing technical certificated controllers for all necessary fields (architecture, constructions, installations, etc) that will verify all the designing stages (Construction Authorization and Detail Design);**
- **Realization of the documents for quality reception, technical book of construction;**
- **Achieving environmental audits under ISO 14001, the balance sheets of materials heat balance sheets and balance sheets of the environmental, processing of minerals, building materials (cement), plants for the production of lime, plants for the production of concrete and asphalt.**
- **Carrying out environmental protection audits to evaluate the impact of emissions of greenhouse gases (GHG cement plants and lime).**
- **Technical advisory services for quality of products (cement and lime) and certification of the companies in the management system of quality, environmental and occupational health according to (ISO 9001, 14001, 18001).**
- **Diagnosis, assessment and optimization (process audit) of process plants for minerals, coals, cement plants, for lime plants, plants for the production of concrete and asphalt. Technical advisory services, collecting, processing, and data validation**
- **Preparing of documentation relating to the administration of affected areas by pollution on-site advices in preparing the documentation for the regulatory acts, risk management and training on environmental topics in the field of environmental protection.**
- **Consulting project management services for projects in the field of environmental protection (environmental projects aimed at using renewables).**

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The environment protection

The environment protection is a very important today. Everywhere in the world appear the necessity as the wastewater to be purified before to discharged it directly into the rivers. That's why all villages and cities must have their own wastewater treatment plants.

EUROPROIECT DESIGN LTD offers to our Clients solutions for environmental problems, both in the urban and industrial sectors.

DRINKING WATER	<ul style="list-style-type: none"> • Station prefabricated modular from STEEL, PRFV, PP. • Stations with cement tanks • Chlorination tanks, dosing, absorption etc.
PROCESS WATER	<ul style="list-style-type: none"> • Obtaining mineral and flat water and their bottling • Obtaining water for in corporation into various food products • Obtain water circuit as vapor, steam, refrigeration.
URBAN WASTE WATER	<ul style="list-style-type: none"> • Microstations, cement tank stations • Equipments and prefabricated modular stations and PRFV PP
INDUSTRIAL WASTE WATER	<ul style="list-style-type: none"> • Biologic treatment • Mechanical and physic -chemical treatment
SLUDGE TREATMENT	<ul style="list-style-type: none"> • Homogenization and thickening • Dehydration • Thermal dehydration
CONTAMINATED SOILS	Rehabilitation of contaminated land
ODOR TREATMENT	<ul style="list-style-type: none"> • Wet path (double and triple stage) • Dry path (active carbon)
WATER REUSE	DOMESTIC, MUNICIPAL AND INDUSTRIAL water: hotels, laundries, golf fields, irrigation systems, hospitals etc.
RETECHNOLOGY	Aligning to the latest and most demanding international standards
INTEGRATED SERVICES	Sampling and analysis, maintenance, pilot plants, etc.
OUTSIDE IN PACKAGE	Design, engineering, sale and delivery equipment, guidance and service.

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DRINKING WATER

PREFABRICATED STATIONS

- Mixing, coagulation, flocculation
- Filtration - flint, charcoal
- Micro – Ultra – Nan filtration
- Decantation: static, dynamic, lamellar
- Nitrate Removal / waste exchange
- Desalination / reverse osmosis
- Disinfection: hypochlorite, chlorine, ozone, ultraviolet
- Recovery of water from sludge

STATIONS OBTAINED BY CIVIL CONSTRUCTIONS

- Flocculation, clarification, disinfection, filtration, deferrization, desalination, automation and control.

PROCESS WATER

Flocculation and coagulation, pH adjustment, settling, filtration, correction parameters, ion exchange, degassing, ultra filtration, reverse osmosis, desalination and disinfection

URBAN WASTE WATER

Pre-treatment
Decantation
Diffusion of air flotation (DAF)
Cavitation air diffusion (CAF)
Activated sludge
Prolonged aeration
Double stage
Nutrients removal
SBR (biologic cycle)
MBBR (cell layer)
MBR (biologic with membrane)
Anaerobic: UASB
Biomass
Tertiary treatment

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INDUSTRIAL WASTE WATER

STATIONS OBTAINED BY CIVIL AND MIXED CONSTRUCTIONS

- Based on biologic process, physic-chemical, mixed stations, aerobic with two stages, MBBR, biomass, biological reactors with membrane (MBR), SBR (cyclic), etc.

PREFABRICATED STATIONS

- Homogenizer modular recipient, decanter, DAF, CAF, biologic system and dosing tanks and control.

SLUDGE TREATMENT

Depository / storage and thickening / concentrating

Aerobic and anaerobe digestion

Dehydration: centrifuge, press filter, belt filtered

Thermal dehydration

Composting obtaining

Prefabricated modules

CONTAMINATED SOILS

Remediation technologies in-situ of soils

- Biological (nature bioremediation, induced bioremediation)
- Physical and physic-chemical (injection of suspensions and slurries, vitrification, solidification with organic polymers, fixing the absorbent materials, vapor extraction, steam treatment, treatment in permeable layers, air injection, solvents extraction)
- Chemicals (chemicals reactions, electro kinetic remediation, photolysis, treatment in permeable layers, cementation, oxidation)

Treatment technologies ex-situ of soils (bio, washing, thermal)

Ecological rehabilitation

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FOR MORE DETAILS PLEASE VISIT OUR WEBSITE :

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**OR CONTACT OUR COMPANY'S MANAGEMENT TEAM , PRESENTED
BELOW .**

WE HOPE IN A PROSPEROUS FURTHER COLLABORATION.

WE THANK YOU FOR YOUR INTEREST.

General Manager,

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Our vision is to face any kind of challenge and to satisfy our client needs !