



SERVICES SHOWCASE



www.enviroland.ro

ABOUT US



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Excellence in Environment & Landscape projects



Enviroland is a company founded in 2017 by two specialists with extensive experience in two fields of activity: environment and landscaping. Based on the two domains, the company name resulted by combining the words "environment" and "landscape".

In all the projects we carry out, we reach the highest quality standards, and we see all projects as a new challenge, to meet all the requirements and needs of our customers.

WHAT WE DO

We want to provide practical and feasible support for environmental protection and landscaping, so that our customers meet the following general objectives:

- To operate efficiently by complying with the environmental legislation applicable in Romania.
- To improve their financial development and to support the Romanian economy through the activities carried out.
- To ensure a clean and healthy environment for future generations.
- To be competitive on the national market by identifying and preventing risks that may impact them.
- To protect their employees and the public to ensure the harmonious development of the human and natural communities in which they operate.



SERVICES



MANAGEMENT OF CONTAMINATED SITES

Management of contaminated sites: Investigation of any potentially contaminated or contaminated sites and identification of the risks they pose to the environment and human health. Based on the results, ENVIROLAND can identify optimal solutions for soil and groundwater remediation and design works which involve low costs with high efficiency.



ENVIRONMENTAL AUDITING DUE DILIGENCE

Auditing the work of various companies in the field of environmental protection and occupational health and safety, to identify the risks to which Beneficiaries are exposed. Audits may be carried out to verify the level of compliance with the applicable legislation or with corporate requirements in the case of multinational companies, or to identify potential environmental obligations in case of real estate transactions.



DESIGN AND EXECUTION OF GREEN AREAS

3D design services for private and public green spaces, as needed. Through the services offered, the Beneficiary has the possibility to visualize the space before execution using state-of-the-art software. Depending on the requirements of the Beneficiary, the project can be materialized later based on the project.



ENVIRONMENTAL CONSULTING AND COMPLIANCE

Solutions for the compliance of companies in the field of environmental protection by developing and updating registries of applicable legislation, solutions and services for chemicals and waste management, developing environmental procedures and training employees so that companies avoid the risks of penalties from competent authorities. The services can be offered at request or through monthly subscriptions.

SERVICES



ENVIRONMENTAL PERMITTING

Elaboration of the necessary documentation for obtaining the approvals, agreements, and authorizations mandatory for carrying out specific activities. ENVIROLAND actively contributes to increasing efficiency in the field of environmental protection and offers compliance solutions to simplify the authorization process.



VARIOUS STUDIES AND ASSESSMENTS

Studies and assessments in the field of environmental protection and landscape according to the specific requirements of the client. Some studies in specific fields of activity (e.g., biodiversity, geotechnics and/or hydrogeology) are conducted with external collaborators, who are coordinated by ENVIROLAND project managers so that the final goal of the study is constantly pursued to ensure the success of the Beneficiary's project.

Content:

[Complete environmental services](#) ↓

[Complete landscaping services](#) ↓



LIST OF SPECIFIC ENVIRONMENT SERVICES

1. Waste audit to evaluate the performance of the management system and waste management processes. The audit concludes with a report containing statistics and recommendations for improving waste management.

2. Comparative assessments with Reference Documents on Best Available Techniques (BREF) to provide a comparison between the performance of companies' activities in the field of environmental protection and the top requirements in that field. Benchmarking is generally required to obtain an integrated environmental permit, but it can also be carried out voluntarily.

3. Level I environmental assessments for obtaining the environmental permit, which consist of a site visit, analysis of public and company environmental documents and which is finalised with a report which presents the information gathered.

4. Level II environmental assessments for obtaining the environmental permit, which consist of air, soil, surface water, groundwater sampling from locations which depend on the conclusions of the level I environmental assessment report and their analysis in accredited laboratories. The results of the laboratory analyses are compared and interpreted by comparison with the applicable legal limit values, and they are included in the level II environmental assessment report.

5. Organic solvents mass balances are prepared in accordance with the Law no. 278/2013 and form the basis of the annual management plan for organic solvents, to assess compliance with the applicable limit values for total emissions of volatile organic compounds.

6. Environmental consultancy which provides services for the preparation of registers with the applicable legislation in the field of environmental protection, keeping waste management records and offers solutions to potential specific problems related to the performance of the environmental management system.

7. Occupational health and safety consultancy which provides services for the preparation of registers with the applicable legislation in the field of occupational health and safety and provides solutions to potential specific problems concerning the performance of the occupational health and safety management system.

8. Delineation of environmental impact and risk areas based on safety reports, public health risk assessment reports or risk assessments associated with soil or groundwater contamination, as required.

9. Preparation and update of legal registers with the applicable environmental legislation which identifies the relevant normative acts and the specific requirements applicable for companies which operate in various fields of activity.

10. Risk assessments for major accidents involving hazardous substances for use in safety reports or for enhancing the safety of a site through qualitative and quantitative risk assessments based on which clear prevention and intervention measures and actions can be established safe and fast.

11. Public health risk assessments which are an essential condition for assessing the impact on public health carried out in accordance with Order no. 119/2014 for the approval of the Norms of hygiene and public health regarding the living environment of the population.

12. Level I environmental site assessments in real estate transactions to identify potential sources of soil and groundwater contamination; Level I reports are usually a component of the environmental due diligence.



13. Level 2 environmental site assessments in real estate transactions to identify and quantify potential soil and/or groundwater contamination in areas the areas of the contamination sources identified through the level 1 environmental site assessments.

14. Risk assessments for potentially contaminated sites by identifying and assessing how certain receptors such as flora, fauna or humans may come into contact with soil or groundwater contaminants and assessing their health risks.

15. Presentation and declaration forms required to obtain the environmental permit describing the activities carried out on a site and identifying the environmental issues relevant to the competent environmental protection authorities.

16. Manual drilling for environmental and geotechnical soil sampling from depths lower than 7 m, using high quality equipment.

17. Mechanized drilling for environmental and geotechnical undisturbed soil sampling and for installing groundwater quality monitoring wells. ENVIROLAND provides coordination, supervision, and sampling services to ensure the highest quality and compliance with all requirements of relevant legislation and best practice guidelines.

18. Waste management for the industrial and commercial sectors through consultancy for the correct codification of waste and keeping records of waste management in accordance with Decision no. 856/2002 on the record of waste management and for the approval of the list of wastes, including hazardous waste.

19. Waste management on construction sites by keeping waste management records for beneficiaries or by coordinating waste management activities in case of environmental responsibilities delegation to contractors.

20. Preliminary investigation for potentially contaminated sites which involves collection of available data and information on the potentially contaminated site and provides the possibility to identify potential sources of contamination, migration and exposure routes and receptors. The preliminary investigation involves visiting the site without collecting soil and/or groundwater samples. However, an accurate identification of sources of contamination and receptors, as well as geological and hydrogeological conditions, is mandatory to be able to correctly interpret the gathered information. The correspondent of the preliminary investigation is the level 1 environmental site assessment.

21. Detailed investigation of potentially contaminated sites involves soil, groundwater and/or soil vapor sampling and analysing them in accredited laboratories to determine the presence of contamination.

22. 3D modelling of contaminated areas provides the possibility of a more detailed visualization of soil and groundwater contamination and allows a more accurate identification of the contamination boundaries in 2D and depth.

23. Air contaminants dispersion modelling is performed for fixed and continuous emission sources such as dispersion chimneys, as well as for risk assessment in case of accidental emissions of hazardous gases (chlorine, ammonia, hydrogen sulphide, methane, etc.).

24. Groundwater flow modelling is necessary to establish as accurately as possible the routes of contamination migration and to calibrate the numerical models required in various hydrogeological and contaminant transport studies.



LIST OF SPECIFIC ENVIRONMENT SERVICES

25. Groundwater contaminant transport modelling is a complex process of analytical and numerical modelling that estimates the transport and fate of contaminants in groundwater through mechanisms of advection, dispersion, diffusion and reaction.

26. Presentation memorandum for the screening stage to obtain the environmental agreement by which relevant information is provided to the competent authority on environmental protection to decide the need for an environmental impact assessment study.

27. Monitoring of soil and groundwater quality can be carried out at the request of the competent authority for environmental protection, at the request of the beneficiary or in the management of contaminated sites. ENVIROLAND has all the necessary equipment to collect representative samples in accordance with the best available techniques, and chemical analyses are performed only through accredited laboratories.

28. Notifications for the initial assessment stage when obtaining the environmental agreement, which is a documentation submitted to the competent authority for environmental protection at the beginning of any public or private project. Based on the notification, the decision is made whether the analysed project is subject to the environmental impact assessment procedure.

29. Soil sampling in various projects using equipment and methodologies in accordance with the best available techniques.

30. Groundwater sampling in various projects using equipment and methodologies in accordance with the best available techniques.

31. Accidental pollution prevention and contingency plans that are mandatory for obtaining a water management permit or for various activities that may lead to water pollution following accidental discharges.

32. Internal emergency plans for the planning and execution of preparedness and response actions to reduce the risks for employees, public, environment and property in the event of accidents involving hazardous substances produced, used, handled, or stored on upper-tier SEVESO establishments.

33. Procedures in the field of environmental protection and occupational health and safety establishing working methods adapted to the internal conditions of companies to be efficient and functional and to ensure a high degree of prevention and protection of the environment and people.

34. Major accident prevention policies for SEVESO sites that include the overall objectives and principles of action of the operator, the role and responsibility of management, as well as the commitment to continuously improve the control of major accident hazards; policies must be developed to ensure a high level of protection and be proportionate to the potential major-accident hazards.

35. Waste prevention and reduction plans for the waste generated by the economic operators to identify action measures for reducing the hazardousness of waste and the amount of waste placed on the market.

36. Environmental impact reports for identifying and quantifying the negative and positive impact of various public and private projects and proposing measures to increase the positive impact and reduce the negative impact. The final goal of the environmental impact report is to obtain the environmental agreement.



37. Safety reports prepared for upper-tier SEVESO establishments which are complex assessments of installations and equipment that can lead to major accidents (e.g. significant discharges of hazardous chemicals, fires, explosions, etc.) and which are subject to quantitative risk assessments and the development of major accident scenarios. The safety reports are prepared in accordance with Law 59/2016 on the control of major accident hazards involving dangerous substances.

38. In-situ and ex-situ remediation of contaminated soils by various methods such as: extraction of vapors from the soil, percolation through the soil, excavation and bioremediation, excavation and storage, etc. ENVIROLAND models and performs pilot tests before selecting the remediation method to reduce final remediation costs.

39. In-situ and ex-situ remediation of contaminated groundwater by pump-and-treat, air sparging, in-situ chemical oxidation, hydraulic barriers, etc. ENVIROLAND models and performs pilot tests prior to selecting the remediation method to reduce the final remediation costs.

40. Appropriate assessment studies to obtain the environmental agreement by assessing the impact on biodiversity. ENVIROLAND works only with well-known specialists in the field and offers practical and feasible solutions to reduce the impact on biodiversity.

41. Feasibility studies for soil and groundwater remediation through which several techniques and technologies are analysed for selecting a feasible and rapid method for soil and/or groundwater decontamination. ENVIROLAND models and performs pilot tests before selecting the remediation method to reduce the final remediation costs.

42. Aquifer permeability tests using high precision equipment and calculation methods adapted to the hydrogeological conditions. Permeability tests provide important information for technical remediation projects, depletion projects and groundwater supply wells.

43. Environmental training of employees through which information adapted to the needs and skills of trained persons is processed. All trainings are adapted to the requirements of the Beneficiary and to the procedures and instructions applied in the company.

44. Verification of environmental studies and environmental counter-expertise to analyse and confirm/deny the quality of various reports and documentation prepared by individuals and legal entities in the field of environmental protection.



LIST OF SPECIFIC LANDSCAPING SERVICES

1. Landscape pre-measurements through which a survey of the green space following to be arranged is conducted and which are used for the preparation of the landscape design.

2. Landscape analyses for the industrial and commercial sectors through which the strengths and weaknesses are identified, as well as risks and opportunities for improving the image of green spaces of some Beneficiaries from the industrial or commercial environment.

3. Consultancy for the management of green spaces through which solutions are provided to specific problems regarding the quality and maintenance of Beneficiary's green spaces.

4. Spring and autumn landscape interventions for regenerating and forming existing trees, shrubs, and plants. They include pruning, cleaning, replanting, overseeding, etc.

5. Qualitative and quantitative plants assessments through which existing species are identified and assessed regarding their phytosanitary health status. Phytosanitary assessments are mandatory before the start of the design phase of green spaces.

6. Execution of private green spaces through which interventions are conducted to arrange private gardens by planting pre-established species, installation of urban furniture, arrangement of pedestrian alleys, installation of irrigation systems, etc based on a landscape design.

7. Maintenance of private green spaces involving regular interventions on plants to avoid their chaotic development.

8. Lawn installation is done at the request of the Beneficiary and involves a series of specific works: land preparation, rolling and over-sowing/installation of lawn rolls.

9. Green walls and lichen paintings for individual homes, hotel receptions, office building receptions and/or workspaces..

10. Design of green spaces which provide 2D plans and 3D renderings to the Beneficiary to highlight how the green space will look before landscaping works. Following the completion of the landscape design, the Beneficiary may also request execution based on a quotation.

11. Landscape risk and impact assessment studies needed mainly for large industrial projects that may fragment the natural landscape. Following a landscape study, risk and impact assessments are carried out and efficient and feasible solutions are provided to improve the landscape.

12. Landscape studies and landscape improvement solutions that identify the general landscape in which an activity takes place, how the activities impact the landscape and provide solutions for integrating activities into the urban or rural landscape using plant combinations and colours appropriate to the situations analysed.

13. Shading and sunning studies necessary for various construction works and buildings but also for the design stage to establish the areas of sun, penumbra, and shade.

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