



F&R
WORLDWIDE

ENVIRONMENTAL · GEOTECHNICAL · CONSTRUCTION SUPPORT

Environmental Services

Selected Project Profiles

January 10th, 2010

F&R Worldwide



Representative projects: S.C. Petrom SA

Multiple Environmental Balance Studies – Different Regions, Romania

- F&R Worldwide demonstrated its ability to provide a high-volume of quality reports in a relatively short period of time.
 - Responsibilities included: multiple environmental assessments on storage depots, tanks farms, oil processing facilities, injection stations, compressor stations, oil recovery plants, extraction facilities, gas stations and oil terminals.
 - During BM II, sampling was carried out by the Environmental and Drilling teams. Following lab tests, results were interpreted according to Romanian and European legislation.
 - All assessment activities were governed by the regulations and procedures of the Romanian Ministry of the Environment and Waters Management
 - F&R Worldwide also established and maintained a quality control program specific to each project during its implementation.
- **Scope:** Environmental
 - **Facility Type:** Petroleum



Representative projects: **The National Railway Company**

Ecological Risk Assessments – Bucharest and Arad, Romania

- F&R Worldwide performed the Risk Assessment Studies for Railways facilities in Bucharest and Arad.
- Site analyses were focused mainly on soil and groundwater quality.
- Modelling of the pollutants' spatial distribution was performed based on the test results.
- All activities were governed by the regulations and procedures of Romanian Ministry of the Environment and Waters Management.
- All activities were subject to the established quality control guidelines specific to these projects.

- **Scope:** Environmental
- **Facility Type:** Railway



Representative projects: **Moritz Group** **Environmental Due Dilligence (Phase I & II) – Bucharest, Romania**

- F&R Worldwide provided environmental due diligence for the proposed acquisition of a former industrial site in Bucharest.
- Services involved completion of a Phase I site visit and Phase II intrusive investigations at the site.
- The project was performed on a fast turnaround to allow the client to make an informed decision on a significant transaction.

- **Scope:** Environmental
- **Facility Type:** Industrial



Representative projects: **URS Netherlands BV** **Environmental Site Sampling – Butimanu, Romania**

- F&R conducted field investigation work for a site in Butimanu Locality. The Project included drilling activities and environmental sampling.
- The fieldwork included drilling borings, environmental sampling and monitoring well installation.
- We provided the client with a comprehensive data report, including details of field activities and investigation.
- **Scope:** Drilling activities, Environmental sampling
- **Facility Type:** Logistics and Office Development



Representative projects: S.C. Petrom SA

Feasibility Studies for soil/groundwater decontamination – Different Regions, Romania

- Feasibility (Technical/Economical) Studies for evaluation of local pollution levels and identification the most suitable method for decontamination soil/groundwater in 8 former PECO Depots
- Activities included:
 - topographical survey, site investigations and lab tests for a series of soil and water samples, collected from the areas with the greatest exposure to pollution;
 - reporting tests results to legal provisions;
 - monitoring wells execution and pump tests, with results interpretation in order to set up the local hydro geological parameters;
 - pollution plume modeling, using Modflow software, to forecast future presumptive extension/spreading of pollution;
 - remediation method selection, using as the input data all the specific results from each study.
 - financial estimation for applying the selected method.
- **Scope:** Environmental
- **Facility Type:** Petroleum



Representative projects: S.C. Petrom SA

Soil Remediation Feasibility Studies – Bulbuceni, Romania

- Feasibility (Technical/Economical) Study for evaluation of local pollution levels and identification of the most suitable method for remediation of the soil quality, within an oil field extraction area- Bulbuceni. The land needed remediation in order to be reused for agricultural purposes.
- Activities included:
 - site investigations and lab tests for a series of soil and water samples, collected from the most visible polluted areas ;
 - agrochemical and pedological investigations on soil samples;
 - reporting tests results to legal provisions;
 - remediation method selection, using as the input data all the specific results from each study
 - financial estimation for applying the selected method.

- **Scope:** Environmental
- **Facility Type:** Petroleum





F&R
WORLDWIDE

ENVIRONMENTAL · GEOTECHNICAL · CONSTRUCTION SUPPORT

Company Contact Information

F&R Worldwide S.R.L.
2 Daniel Danielopolu Str.
BCR Building, 3rd Floor
Sector 1, 014134 Bucharest
ROMANIA

E-Mail Office: office@fandr.ro
E-Mail Business Development: BD@fandr.ro
Telephone: +40 21 402 0441
Fax: +40 21 402 0440
Web: www.fandr.ro

