

PROJECT INFORMATION

Site-independent methodology for the evaluation and remediation of petrochemical sites in Romania

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A former refinery in Germany

Source: D. Strauss,
Arcadis Germany GmbH

Background

As a member state of the EU, Romania must implement in its national legislation and enforce the community law requirements of media-related environmental protection, the polluter pays principle and the requirement of environmental liability, i. a. regarding the management of contaminated sites. In 2015, the Government of Romania adopted the National Plan for Managing Contaminated Sites to assess and, if necessary, to remediate the estimated number of 1,400 affected sites by 2050. In 2019, the law on the management of (potentially) contaminated sites became effective. To facilitate the implementation of these policies, it is important to compile existing expert knowledge and to present it methodically in a way, which makes an effective application by responsible authorities and by stakeholders being liable for remediation possible.

Project details

Together with experts from Romania, a manual has been developed for the identification, investigation, assessment and remediation of contaminated sites at typical facilities of the oil and gas industry, such as exploration sites, tank farms and refineries. The authors considered i. a. results of advisory assistance for the remediation and redevelopment of a former tank farm site in Bucharest. The manual contains technical and legal information and presents solution-oriented administrative procedures. In three specific trainings, representatives of authorities and multipliers practised the application of the manual. A conference in Bucharest presented the manual to the professional public of Romania. In response to interest of international actors, the Romania-specific manual has been advanced towards a publication which is globally applicable. It shall contribute to improving technical and administrative workflows of the management of contaminated sites, in particular of the oil and gas industry, globally.

Project country: Romania
Duration: 05/2017 – 10/2021
Beneficiaries: national, regional and local environmental authorities, stakeholders liable for remediation, service companies, potential investors
Implementing organisation: Arcadis Germany GmbH
Project number: 78536

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Advisory Assistance Programme (AAP) for environmental protection in the countries of Central and Eastern Europe, the Caucasus and Central Asia and other countries neighbouring the European Union – a programme of the Federal Ministry for Environment, Nature Conservation and Nuclear Safety

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