

Dekonta, a.s. - Waste management

	Project title	Country / Project location	Client	Contact Person	Project Description	Contract Value	Implementation period
1.	Remediation of environmental burdens caused by pesticides in the Republic of Moldova, II phase	Moldova/Singerei, Oniscani, Pelivan a Papauti	Czech Development Agency Nerudova 3, 118 50 Praha 1 Czech Republic	Mr. Jan Cernik Tel: +420 251 108 171 E-mail: cernik@czda.cz	<p>The Project was funded by the Czech Development Agency in the framework of the Official Development Program between the Czech Republic and Moldova. The main goal of the project was the removal and safe disposal of 200 t of obsolete pesticides from a central storehouses located in Singerei, Oniscani, Pelivan, and Papauti.</p> <p>The main activities carried out during the project were:</p> <ul style="list-style-type: none"> - Hazardous waste inventory and characterization - Development of the sites for the waste repacking and loading - Repacking of waste into suitable and certified containers for shipment - Temporary storage of the repacked pesticides - Loading and shipment of the waste through transit countries to the country of final disposal - Clean-up of the former storehouses for pesticides, removal of contaminated construction materials and soil - Investigation of the residual contamination in the remediated storehouses and their vicinity - The risk assessment of residual contamination - Capacity building activities 	850,000 USD	10/2013 - 6/2015
2.	Remediation and rehabilitation of the Vaclav mining dump and former tar plant, in Orlova, Czech Republic	Czech Republic/Orlova	DIAMO, státní podnik, OZ ODRA Máchova 201, 471 27 Stráž pod Ralskem Czech Republic	Ms. Janina Zawadzka tel: +420 596 703 111 e-mail: zawadzka@diamo.cz	<p>Within this project the site of former abandoned, more than 100 years old coal mine and tar factory located in the city of Ostrava has been cleaned up and fully rehabilitated. The most important contaminants at the site were polyaromatic hydrocarbons (PAHs). Among others the old tunnel, high voltage line and pools of pure tar at the site made all works complicated. The main activities carried out were as follows:</p> <ul style="list-style-type: none"> - detail site investigation to prove extent and level of contamination - human health and environment risk assessment development - technical design for the site clean up and rehabilitation development - excavation and final disposal of app. 24 000 tons of soil contaminated with PAHs - Groundwater treatment (pump&treat) and monitoring - Identification and static security of the old mining tunnel - Technical and biological rehabilitation of the site 	5,369,800 USD	10/2012 - 5/2015
3.	Belarus: Puhovichy Solid Waste Management Project, Supplementary Technical Study	Belarus / Puhovichy & Chevren districts	European Bank for Reconstruction & Development (EBRD) One Exchange Square London EC2A 2JN United Kingdom	Mr. Jan Johansson Email: Johanssj@ebrd.com	<p>The project was implemented as a part of a solid waste management project funded by EBRD for the Puhovichy and Chevren districts in Belarus. The main components of the project included: (i) the construction of an EU compliant regional sanitary landfill, (ii) sorting facility, (iii) a composting facility, and (iv) vehicles and equipment for the improvement of the waste collection system. The main tasks implemented by DEKONTA were:</p> <ul style="list-style-type: none"> - Field missions to relevant additional municipalities and the proposed landfill locations in order to collect the necessary information and data - Based on all available data (geological, hydrogeological, biological, social impacts, transportation and other technical requirements recommend most suitable site for the new landfill construction - Environmental and social impact assessment evaluation 	42,000 EUR	10/2015 - 2/2016
4.	Belarus, Vitebsk Solid Waste Project, Feasibility Study	Belarus, city of Vitebsk	European Bank for Reconstruction & Development (EBRD) One Exchange Square London EC2A 2JN United Kingdom	Mr. Jan Johansson Email: Johanssj@ebrd.com	<p>The project was implemented as a part of a solid waste management project funded by EBRD for the Vitebsk city in Belarus. The main objective of this project was to prepare a comprehensive feasibility study ("FS") for the construction of a new landfill and improvement of the waste management and recycling structure. The FS will be used to determine a priority investment programme (the "PIP") and evaluate its benefits, including assessing its environmental and social feasibility. The main task of DEKONTA consultants was environmental and social assessment development.</p>	150,000 EUR	12/2015 - 4/2016
5.	Remediation of wastewater treatment sludge and landfill construction at Hargia site, Mongolia	Mongolia/Ulaanbaatar	The Czech Development Agency Nerudova 3, 118 50 Praha 1 Czech Republic	Mr. Frantisek Zouhar Tel: +420 251 108 171 E-mail: zouhar@czda.cz	<p>The project was funded by the Czech Development Agency within the framework of the Official Development Assistance Program between the Czech Republic and Mongolia. The project had following three objectives:</p> <ul style="list-style-type: none"> - Site survey at former waste water pre-treatment station for leather processing factories and a hospital with a large amount of contaminated sludge waste deposited at the site - Development of the feasibility study and risk assessment for site clean-up and waste disposal - Construction of a new landfill to EU standards, site clean-up, waste deposition at the new landfill, landfill closure and rehabilitation, including installation of the monitoring system <p>The main services performed by DEKONTA were:</p> <ul style="list-style-type: none"> - Site inventory and detailed investigation of the level and extent of contamination (groundwater, soil, constructions) - Ecobiological study of the Tuul river neighbouring with the site - Identification of approx. 20,000 m3 of solid waste at the site (including contaminated sludge with hexavalent chromium, contaminated constructions and soil, as well as a significant amount of municipal waste) - Identification of human health and environmental risks (local inhabitants and workers at the waste water pre-treatment station, river and nearby ecosystems) - Feasibility study concerning the site clean-up, solid waste and hazardous waste disposal. Identification of the most suitable solution for the waste disposal including selected technologies pilot tests - Technical design of the landfill construction; obtaining all approvals and construction permit - The construction of a sealed landfill according to EU standards 	807,262 EUR	9/2010 - 11/2012

6.	Recultivation of sludge lagoon at Moravany by means of solidification/stabilization technology	Slovakia	AVE CZ	Mr. Roman Jerie Tel: Tel.: +420 602 208 563 E-mail: roman.jerie@ave.cz	Goal of the project is to recultivate a former sludge lagoon site at Moravany (Slovakia), that was used in the past as dump site for drilling sludge contaminated by oil hydrocarbons from the Nafta company. The purpose of the recultivation was to close the lagoon site in line with Slovak/EU standards. Dekonta implemented the first phase of recultivation that included sludge solidification/stabilization.	483,337 EUR	01/2017 - 12/2017
7.	Environmentally sound management campaign of two identified sites in Sao Tome and Principe contaminated by pesticides including POPs pesticides	Sao Tome	United Nations Industrial Development Organisation (UNIDO) Vienna International Centre P.O Box 300 A-1400 Vienna, Austria	Ms. Fatin Ali Mohamed UNIDO Project Coordinator E-mail: F.ALIMOHAMED@unido.org	Funded by UNIDO, the main goals of this project are to safeguard, export and dispose of approx. 20 t of obsolete pesticides and pesticide-contaminated material from two storehouses located on the Island of Sao Tome. In addition to its main goal, DEKONTA will provide training to a local team of workers on the safeguarding of the waste, also providing training to national experts from the Ministry of Infrastructure, Natural Resources & Environment, regarding onsite chemical analyses and procedures according to the Basel Convention for exporting hazardous waste for disposal abroad. The project also includes an awareness campaign highlighting the risks of obsolete pesticides to the local community living next to one of the sites. As the project leader, DEKONTA is responsible for establishing and managing the site, implementing health and safety rules, and supervising the safety activities. In addition, DEKONTA is also responsible for obtaining documentation related to the notification process for the export of the waste for disposal abroad according to the procedures laid down by the Basel Convention.	164,073 USD	12/2016 to 07/12/2017

