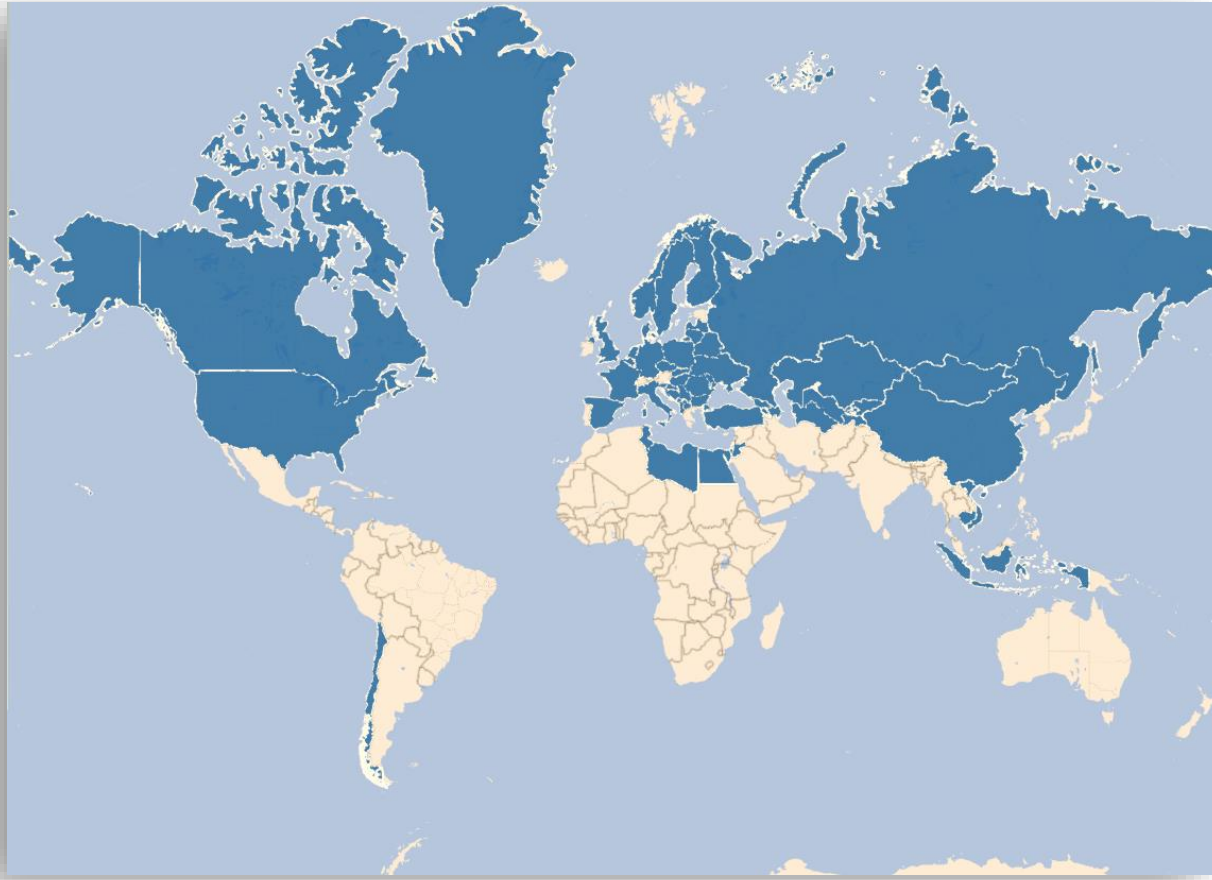


An aerial photograph of a river valley during autumn. The river flows through the center, surrounded by trees with vibrant yellow and orange leaves. In the background, a castle ruin sits atop a rocky cliff. The landscape is hilly and green, with a town visible in the distance under a clear sky.

**Services & Technologies
for a better environment**



Location of our clients & implemented projects

Our mission

To provide tailor-made solutions to the environmental challenges and issues of different industrial sectors, international and national organizations

DEKONTA is an international provider of environmental services & technologies. Since 1992, we have successfully implemented thousands of projects globally

Dekonta in numbers

***Holding of 18 business
15 Offices
2 R&D centers
1 chemical lab
1 microbiological lab
20 waste management centers***

***Long term vision:
R&D spending is 9%
of our revenue***

>50 patents filed by our R&D team

***> 200 employees
80% hold a degree***

***No language barriers
with our customers:
21 languages spoken***

A selection of our clients



Our certifications

EN ISO 9001

A responsible approach to quality and continual improvement

EN ISO 14001

Environmentally sound solutions

ISO 45001

High focus on health & safety

EN ISO/IEC 17025

Accredited chemical and microbiological labs

Responsible Care®

Committed to sustainability since 2007



Contaminated site management



Investigation

Risk assessment

Feasibility studies

Design

Permitting

Remediation

Monitoring

Supervision

PHYSICAL	CHEMICAL	BIOLOGICAL	OTHER
Soil (waste) mechanical treatment and sorting solidification/stabilisation venting washing incineration thermal desorption	Soil (waste) chemical oxidation chemical reduction neutralisation	Soil (waste) bioventing phyto-remediation biodegradation	Soil (waste) landfilling isolation of contamination by underground sealing and by covering
Groundwater air sparging pumping and subsequent treatment: separation by gravity stripping (by air or steam) sorption coagulation flocculation	Groundwater chemical oxidation chemical reduction neutralisation	Groundwater biological reductive dechloration biological reduction bio-slurping biodegradation	Groundwater hydraulic barriers reactive barriers monitored / assisted attenuation isolation of contamination by underground sealing and by covering



Hazardous Waste Management



In the field of biotechnological treatment of waste, DEKONTA is one of the leading companies operating in Central and Eastern Europe

> 20 decontamination centres in the Czech Republic and abroad

- ✓ reprocessing of waste into alternative fuels
- ✓ recycling and material recovery of industrial waste
- ✓ solidification / stabilization of sludge and dust
- ✓ decontamination of wastes by application of physical methods (venting, washing, etc.)
- ✓ decontamination of waste by application of chemical methods (chemical oxidation)
- ✓ thermal waste disposal in contracted incineration plants
- ✓ depositing waste at contracted landfills
- ✓ remediation and reclamation of landfills



Consulting and R&D



Environmental

Health & Safety

Social impact

Sustainability

ISO implementation



- ✓ Environmental & Social Due Diligence Audits
- ✓ Environmental & Social Impact Assessment studies (ESIAs)
- ✓ Sustainability audits
- ✓ Phase I Environmental, Health & Safety (EHS) audits (compliance, acquisition, vendor)
- ✓ Phase II Environmental Audits (soil & groundwater pollution investigation)
- ✓ Implementation of ISO 9001, 14001 and 45001 & their management
- ✓ Liaison with regulatory bodies, local authorities & stakeholder engagement
- ✓ Environmental training
- ✓ Environmental & health risk assessment
- ✓ Noise & air dispersion studies
- ✓ IPPC permitting
- ✓ Environmental R&D (to improve the environmental performances of our clients thus they can make savings on the operational costs)

Environmental Emergency Response



Available 24/7, a departure of an emergency vehicle is guaranteed within 30 minutes from client's call. We also provide expert risk assessment, with free telephone consultation and training of client's employees. We provide decontamination services in case of biological, chemical and nuclear threats (terrorist attacks) at Prague's Public Transport Service.

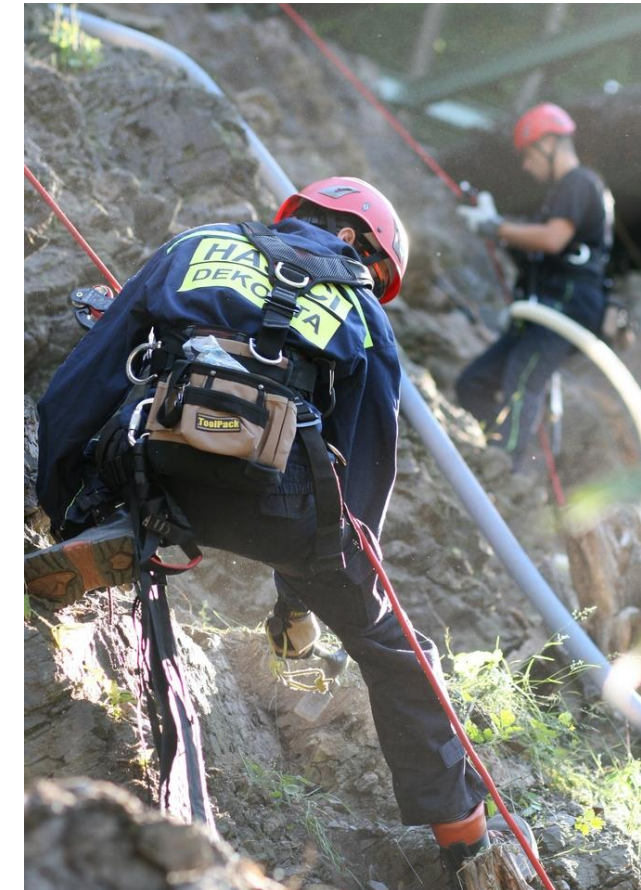
Personnel

- ✓ 36 active members of the Fire Protection Unit on standby
- ✓ 14 specialists (chemists, hydrogeologists) out of which 3 on standby
- ✓ Climbing team specialised in industrial climbing
- ✓ Staff regularly trained to work in toxic and explosives and with atmospheric hazards

Machinery and equipment

- ✓ Off-road emergency vehicles & ADR tank trucks
- ✓ Emergency motor boats & aircraft
- ✓ Earthwork machinery
- ✓ Pump technologies for pumping of hazardous chemicals
- ✓ PE for working with toxic chemicals
- ✓ Decontamination equipment and devices
- ✓ Portable detectors (Raman, URAD, PID)

Emergency line: 602 686 622



Industrial cleaning



According to our customer's requirements we provide industrial cleaning, deep cleaning, assembly and commissioning at high altitude/ in confined spaces in zone 0 and 1 or in dangerous and explosive atmospheres.

Safety is our priority!

- ✓ Cleaning of tanks and other technologies in the petrochemical and chemical industry
- ✓ Assembly and commissioning in zone 0 and 1
- ✓ Deep cleaning and maintenance of industrial equipment and units
- ✓ Technical work and activities in dangerous and explosive atmospheres
- ✓ Handling of chemicals and hazardous waste



Equipment rental and selling



Dekonta offers containerized equipment for temporary operations or pilot testing. We can process any type of industrial sludge and dust



- ✓ Stabilization/solidification unit
- ✓ Soil Washing plant
- ✓ Indirect thermal desorption
- ✓ Disk pelletizers
- ✓ Sedimentation tanks
- ✓ Hydrocyclones
- ✓ Filter press



Contact us for additional info

Water & waste water treatment

Turnkey solutions for process & technological water & wastewater

Feasibility studies, design, implementation & management

- ✓ Evaluation of investment and operation costs for each feasible technical solutions
- ✓ Lab & pilot tests
- ✓ Physical-chemical & engineering approach
- ✓ Project management according to milestones agreed with the client
- ✓ **References from municipal and dozens of industrial sectors**

Technologies

- ✓ Traditional: precipitation, sedimentation, filtration, clarification, ion exchange, adsorption, disinfection, biological
- ✓ Modern: membrane, EDI water softening, photochemical oxidation, constructed wetlands, denitrifying bioreactors
- ✓ Arsenic, Iron, Manganese & other heavy metals removal
- ✓ Nitrates & complex organic pollutant removal
- ✓ Odour removal



Odour removal & waste gas treatment



Odours caused by VOC (volatile organic compounds) and inorganic gases like H_2S and NH_3 can be easily removed by our biofilters, scrubbers and catalytic oxidizers (incinerators). In addition, we provide mobile solutions for the regeneration of spent granular activated carbon.

Wet scrubbers

Regeneration of
activated carbon

Biofilters

Catalytic Ox.
(incinerators)



- ✓ Pilot test, design, manufacturing, implementation & management
- ✓ Innovative patents for cost-effective solutions
- ✓ Wide range of industrial & municipal applications
- ✓ Customized solutions (containerized, various shapes)



Laboratory services



Sampling & analysis in the following matrices:



- ✓ Waste
- ✓ Leachate
- ✓ Construction materials
- ✓ Water
- ✓ Soil
- ✓ Sediment
- ✓ Air

Chemical & microbiological analysis



Air quality monitoring van

IS  **17025**
ACCREDITED LABORATORY

The background is a scenic landscape photograph showing a river winding through a valley. The hillsides are covered in trees with autumn foliage in shades of yellow, orange, and brown. In the distance, there are rolling hills and a small town or village. The sky is clear and bright.

**Visit our website www.dekonta.com
and follow us on *LinkedIn* and *Facebook*
to find out more**