

**REMONDIS®**

WORKING FOR THE FUTURE

Skilled, competent, versatile.  
Your experts for hazardous waste



> REMONDIS Industrie Service

Experts for managing and recycling  
hazardous waste

[remondis-industrie-service.de](http://remondis-industrie-service.de)

# Explosive? Poisonous? Highly dangerous? No problem

REMONDIS Industrie Service, a fully owned subsidiary of REMONDIS AG & Co. KG, is a reliable partner for all businesses that need to have hazardous materials collected and recycled. For over 40 years now, we have been offering our industrial, commercial and retail customers clean and safe waste management solutions for all types of hazardous waste. Moreover, we use the materials we collect as a source of raw materials and energy – and we are continuously working on developing new and innovative recycling processes.

We offer solutions that are as eco-friendly and cost-effective as possible for each type of hazardous waste

The key areas of our comprehensive service portfolio include:

- Organising integral concepts for hazardous waste
- Providing cost-effective container systems and safe transport systems
- Sorting and processing hazardous waste in state-of-the-art facilities
- Producing raw materials and substitute fuels



You can be rest assured that we always meet the most stringent of quality standards

### Professional material flow management

REMONDIS handles around 27.2 million tonnes of materials every year. 1.2 million tonnes of these are hazardous wastes which we safely recycle or dispose of. This is the equivalent of 60,000 truck loads of material.

### Our market is the global market

REMONDIS Industrie Service operates all around the world to ensure that hazardous waste is recycled or disposed of in an environmentally friendly way – for example in China’s industrial centres where we have set up business locations to safely recycle or dispose of hazardous waste. We can currently be found in Shanghai and Changchun.





REMONDIS Industrie Service is one of the leading companies in Europe for managing and recycling hazardous waste and has 40 business locations in Germany alone. Its head office is located on the grounds of REMONDIS' Lippe Plant in Lünen, a town in the German state of North Rhine-Westphalia

# Proven quality

## WHG (Federal Water Act)

Certification in accordance with Section 3 Para. 2 VAwS (Bund) on handling substances hazardous to water.

## Environmental Management (EM)

A number of our locations have been certified in accordance with the international environmental management standard DIN EN ISO 14001.

## IBC Inspection Facility

Our inspection facility has been approved by BAM, the Federal Institute for Materials Research and Testing, enabling us to regularly examine and inspect IBCs.

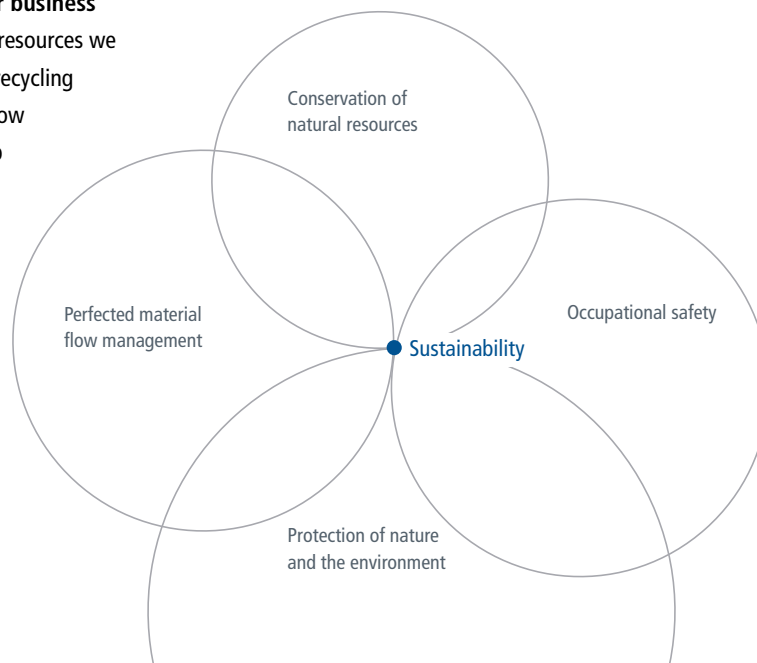
## EfbV (Ordinance on Specialised Waste Management Companies)

All of REMONDIS Industrie Service's business locations have been certified in accordance with the EfbV Ordinance.

These accreditations create tangible benefits for our customers: we have a privileged status allowing us to approve certain waste management processes – without needing to involve the authorities

## Acting responsibly: Sustainability is our business

We are continuously working on using the resources we have effectively, on developing innovative recycling processes and on perfecting our material flow management systems. By doing so, we help to prevent climate change.



Would you like to learn more about our company? Then take a look at our website at [remondis-industrie-service.de](http://remondis-industrie-service.de)



XERVON: our partner for all tasks that involve building, maintaining and servicing industrial facilities. XERVON – an international business just like ours and a specialist for the process industry

BUCHEN: our partner for industrial services. The Buchen Group's main areas of expertise are managing shutdown time and cleaning industrial facilities

> COOPERATION WORK

## A full range of industrial services. Our cooperation partners

No matter whether it has to do with collecting and managing hazardous waste, cleaning, clearing or dismantling industrial facilities, carrying out complex scaffolding work or sealing surfaces: we work together with the companies in our group so that we are able to offer you a full range of services that are both convenient and cost-effective.

Being part of a company group, we can always find a suitable solution no matter how unusual the problem

### REMONDIS Industrie Service as your general partner

When it comes to industrial facilities, we can act as your general partner and pool together the REMONDIS Group services for you. No matter whether it has to do with collecting, transporting, storing, treating, recycling or processing hazardous waste, to do with cleaning, partially

dismantling or completely removing industrial plants or to do with scaffolding, sealing surfaces or renovating separator systems: we know what needs to be done and how to do it. Moreover, we always know which of the companies in our group network can help you with your problem – no matter how unusual it may be.

REMONDIS' regional companies: our partners for all areas of classic waste management. The REMONDIS regional companies have 250 different business locations across Germany



### Always close by, always at your service

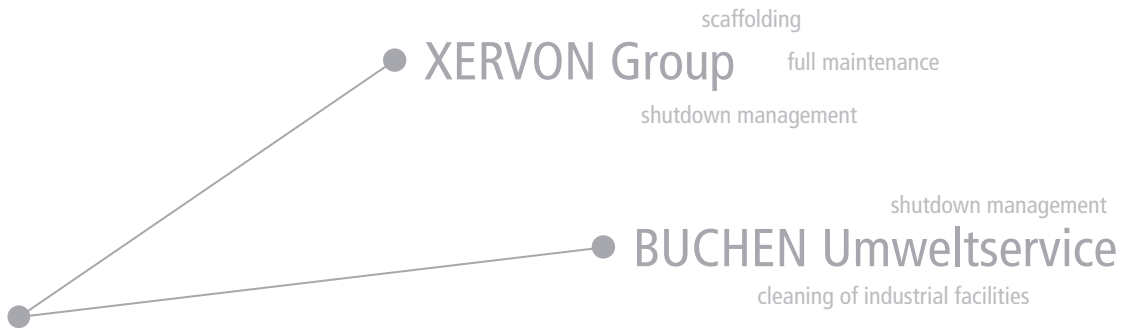
Maximum levels of service, optimised packages and comprehensive advice are just three of the main reasons for our success. Moreover, our businesses offering this wide range of specialist services are always close to you: together with our sister companies, we can be found at around 1,000 locations.



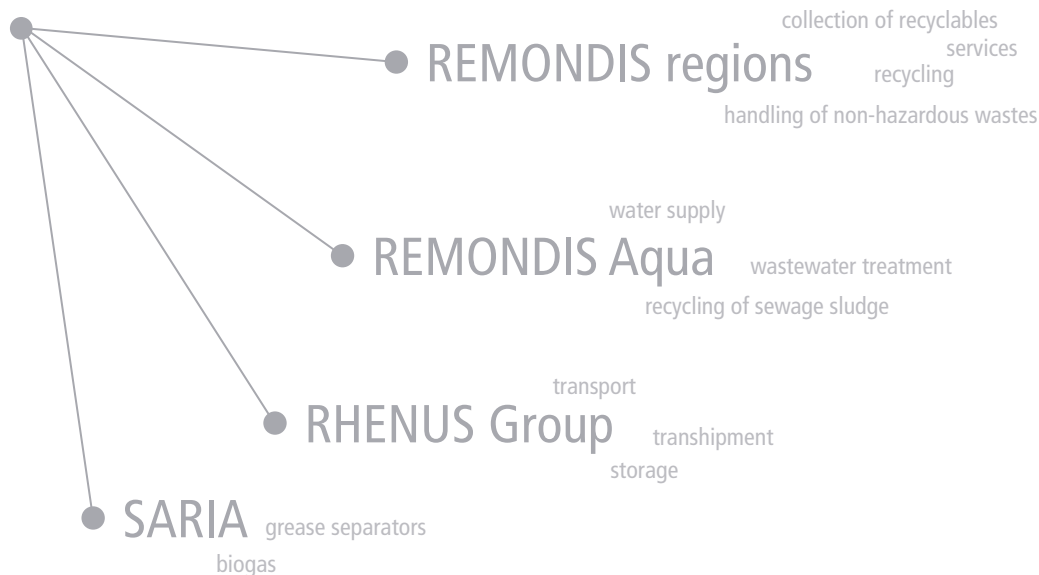
RHENUS: our partner for international transport logistics on the road, rail and inland waterways as well as on the high seas. RHENUS, our sister company with extensive know-how and large storage and transhipment facilities

REMONDIS Aqua: our partner for water supply and wastewater treatment. REMONDIS Aqua – specialists with over 30 years' experience

**Integral industrial services**



# REMONDIS Industrie Service



**The best possible network: working together with our specialist and regional companies, we can provide professional and eco-friendly solutions for practically every type of waste problem**



Besides having a range of trucks equipped with suction and cleaning technology and for servicing separators, our fleet also includes vehicles we have developed ourselves, for example the MOBOWER, which collects garage waste. As a result we can master any type of challenge – quickly and efficiently

# Always one step ahead. Future-oriented technology and proven standards

REMONDIS Industrie Service increasingly uses hazardous waste as a source of raw materials and energy. In order to fulfil this goal in the best possible way, we are continuously investing in high performance plant technology, in efficient sales channels as well as in further improving our strong infrastructures with extensive logistics systems. Thanks to the fact that we have our own container and collection systems and our own state-of-the-art facilities and landfills, we are completely independent from others. As a result, we are able to offer our customers guaranteed waste management services and minimum costs.



Bramsche Industrial Recycling Centre: over 600 different types of hazardous waste can be safely recycled or disposed of in Bramsche. The high-temperature incineration plant on the site can also treat reactive and toxic chemicals at temperatures of over 1,000°C



SAVA hazardous waste incineration plant: SAVA in Brunsbüttel specialises in incinerating particularly hazardous waste in a professional and environmentally friendly way. It is considered to be one of the most modern and best performing plants of its kind in Europe for treating solid, pasty and liquid hazardous waste

High-tech at over 500 locations: the REMONDIS Group operates a network of over 500 recycling and production facilities




Herne treatment plant: the Herne treatment plant primarily processes, conditions, neutralises and detoxifies hazardous liquids and pasty substances. Its barrel and IBC storage facility has the space to hold up to 240 tonnes of material and its tank farm up to 22,000 cubic metres



By recycling on an industrial scale, we make an important contribution towards protecting the environment and conserving our planet's natural resources

Lübeck waste management centre: the Lübeck waste management centre has a storage capacity of 1,200 tonnes making it the largest hazardous waste centre in north Germany. It fulfils all the requirements laid down in the EfbV Ordinance concerning organisation, equipment, specialist knowledge and reliability





## No matter what. No matter when. No matter where. Waste management from A to Z

Whether it be corrosive, poisonous, flammable or reactive – whether it be solid, liquid or gaseous: when it comes to dealing with hazardous waste, REMONDIS Industrie Service will always find the solution that is right for you. As part of our full range of services, we deal with all types of waste – no matter how dangerous – in a professional and expert manner, return recyclable materials to production cycles as raw materials or as sources of energy – and dispose of any remaining residue in an environmentally-friendly way within REMONDIS' network of facilities. Information about our different solutions can be found on the following pages.





ARGENTIA

AS-CONTROL

IBC-INSPECT

LANDFILL

MEDISON

MOBIWER

NQR-MERCURY

REBUILD

REFLOW

REGISTA®

RENOMETALL®

RENOTHERM®

RENOX

RESOLVE

RESPECIAL

RESPRAY

RETANK

RETERM

[Safety]Truck  
DAS REMONDIS-SCHADSTOFFMOBIL

UPEX



> AS-CONTROL

## Professional services for separators

REMONDIS Industrie Service's AS-CONTROL division offers a professional range of services for both light liquid and oil separators across the country. Being a qualified specialist business certified in accordance with the WHG (Federal Water Act) with specially trained staff, we also have extensive knowledge about how to process any waste generated in the separators in an eco-friendly way. Our services include:

- **Cleaning** pipes and sections, sewer pipes, siphons and surfaces; removing the most stubborn of deposits using very high pressure, special cutting technology and special jets
- **Maintenance and service work:** carrying out monthly checks and servicing equipment every six or twelve months on behalf of our customers; fulfilling all legal obligations; creating and updating operator log books and holding specialist training courses
- **Tests:** carrying out tests to detect leaks in separators, pipes and inlet structures using modern mobile CCTV systems; performing inspection work in acc. with DIN 1999-100 and/or DIN 4040-100
- **Renovating work:** re-sealing or re-coating separators, sewer pipes, chutes and surfaces; carrying out rapid and top quality maintenance and repair work

### AS-CONTROL

AS-CONTROL provides full legal compliance, maximum cost-effectiveness, exemplary environmental protection, top levels of efficiency and minimum costs

# One hundred percent mercury recycling

REMONDIS operates a professional mercury recycling division – with technology and services that are setting new standards. Everyone benefits from this work: our customers from our strong services and the environment from the sustainable conservation of natural resources. Our range of services:

- **Collection:** we provide our customers with suitable containers of varying sizes and organise all transport logistics
- **Sorting:** we separate the different materials, put them into larger fractions, recycle and/or process the residual materials and isolate the mercury
- **Processing:** we are the only company in the world to have such advanced technology and are able to recover very pure mercury from contaminated batches.
- **Marketing:** we return the recycled mercury to production cycles as NQR-MERCURY. It has a purity level of up to 99.999999 percent and is available in a range of package sizes from 500 grams to 1,000 kilograms

We have special facilities able to sort rechargeable and non-rechargeable batteries



## NQR-MERCURY

# Container services

Regular inspection, maintenance and cleaning work is top of our list when it comes to our containers and IBCs. To ensure this can be carried out, REMONDIS Industrie Service has its own container cleaning and repair facilities at various business locations, which have been approved by BAM, the Federal Institute for Materials Research and Testing. When the containers leave our inspection facility, they fulfil all necessary requirements and can be used for the safe and eco-friendly collection of hazardous waste.

## IBC-INSPECT



# Landfill

Our primary goal is always to process hazardous materials so they can be returned to material cycles. We only offer LANDFILL for depositing hazardous waste in one of our special landfills if recycling it makes absolutely no economic or ecological sense. Both the structure of our landfills and the technology used in them are, of course, cutting edge – and comply fully with all legal requirements as set out in Section 4 of the 'DepV' (Federal Ordinance on Landfill Sites).

### Backfill material as an alternative

Many types of inorganic waste can still be very useful: for example as backfill material for filling underground spaces in mines.

## LANDFILL

Depositing materials in a manner that is in the best public interest & the safe and proper recycling of waste suitable for building landfills



# Industry solutions from MEDISON

Businesses providing unusual services often generate unusual types of waste that require special treatment and know-how. REMONDIS Medison specialises in just such requirements. We guarantee that all types and all volumes of problematic waste from printing businesses, photo laboratories, medical institutes and dental practices are handled and treated with the highest levels of safety – along with the knowledge that all materials will be fully recycled in an eco-friendly way.

## MEDISON

When handling your problematic waste, we provide you with bespoke concepts that play an important role towards increasing quality and cutting costs

### Safety is top of our list

We observe very strict criteria when we handle infectious and/or organic waste from hospitals and doctors' practices: such waste is subject to the highest levels of hygiene and is destroyed at temperatures of up to 1,200°C.

### We offer different industries special solutions for the following types of waste:

- hospital waste
- photo chemicals
- X-rays
- solvents
- paints and chemicals
- precious metals



Trans-shipment of hospital waste at REMONDIS Medison

## Recycling metal packaging

Industrial and commercial businesses use metal packaging for many different types of product. As it is packaging, it must by law be returned after use and sent for recycling. We collect metal packaging – both with and without hazard labels – and then remove any residual impurities in a safe and environmentally friendly way. Following this stage, we separate the metals into different groups and then process them. By doing so, we recover tinplate, scrap iron and aluminium – valuable raw materials which we return to production cycles under our RENOMETALL® brand name.

### Strong services & extensive know-how

- Regular or on-call collection of your metal packaging
- Transport to our special treatment facilities
- Cleaning of the material and processing into RENOMETALL®
- Return of the cleaned metal (steel and aluminium) to production cycles
- Issue of any obligatory certificates



## Cleaning and dismantling facilities working with hazardous materials

Specialists are needed to deal with facilities that handle hazardous substances. Be it deep cleaning work or partially/ completely dismantling such facilities and recycling the materials: being a specialist business approved in acc. with the WHG (Federal Water Act) and the EfbV (Ordinance on Specialised Waste Management Companies), REMONDIS Industrie Service can offer you all services from just one company – perfectly adapted to the requirements of the facility in question and implementing the highest safety standards.



You can book our services individually or as a complete package

### We clean, dismantle and recycle, among others:

- coating facilities
- obsolete production plants
- electroplating facilities
- tanks, tank facilities, container depots
- laboratories and testing facilities
- oil immersed transformers

## CP treatment

Contents from oil and petrol separators, grit chamber residue, sedimentation sludge, acids and alkalis all need to be treated with the greatest of care. We offer a reliable service ensuring that these dangerous materials are handled in accordance with regulations and then process the aqueous organic and inorganic waste using chemical-physical methods. The highly complex multi-stage procedures decontaminate, clean and neutralise the contents. The segregated and cleaned raw materials are then returned to production cycles.



Our CP facilities all comply, without exception, with the legal regulations stipulated in the 'TA Abfall'

## Mobile collection of garage waste

MOBIWER is a vehicle that has been specially developed for collecting waste from workshops and garages. This development is based on our many years of experience of this sector and the service we offer here is unique throughout Germany: MOBIWER can collect up to six fractions of typical workshop waste with each trip. As a result, you save time, effort and, of course, money.



You have the choice: we either travel to you at previously arranged times or whenever you call us up

### Many advantages for workshops & garages

Our service provides you with many tangible benefits. Top of the list is the fact that you save both time and money, as we collect over six different types of workshop waste in one go – from waste oil, to car batteries, to brake fluids and engine coolants, to servicing fluids

containing oil, to oil filters. As part of the REMONDIS Group, we have direct access to its extensive network of facilities where the collected fractions can be treated and then returned to the economic cycle.

## Creating electronic records



REGISTA® creates all the documents you need such as consignment notes, handover certificates, proof of collection and treatment, notifications and BMU receipts.



Companies wishing to master the obligatory electronic waste-records procedure (eANV) in a practical and legally compliant way need a proven system that fulfils all legal obligations. REGISTA® is our IT solution that has been adapted to both the eANV and to the requirements of the waste management and recycling sectors. This is an internet-based provider solution, can be used at any work station and stands out thanks to its intuitive user guidance system.

## Recycling of solvents



Solvents are used in varnishes, printing inks and glues. RESOLVE offers a full range of services covering the treatment of such solvents that is unique throughout Europe. We take the impure batches, separate the contents from each other in our distillation facilities, recycle the solid contents and the solvents and then return them to production cycles under the RESOLVE brand name.





> RENOTHERM®

## Substitute fuels replace primary fossil fuels (coal, gas and oil)

Coal, gas and oil are still important fossil fuels. However, as they become scarcer and scarcer, so the demand for alternative solutions is increasing. REMONDIS uses waste that is unsuitable for materials recycling to produce and market liquid and solid substitute fuels under the brand name, RENOTHERM®.

**RENOTHERM®**

Both the calorific value and the characteristics of RENOTHERM® – such as grain size and chemical properties – are precisely defined

### RENOTHERM® – Facts & Figures

- Input: distillation residue, residual resin, paint, varnish, sealants, glues etc
- Processes: pre-treatment, processing, conditioning, screening, removal of foreign objects
- Output: substitute fuels for e.g. cement works
- Throughput: 40,000 t/a
- Special features: the quality features of RENOTHERM® are precisely defined; this applies both to its calorific value and to the characteristics of the product such as grain size and chemical properties

> ARGENTIA

## Precious metal recycling

REMONDIS Argentia are experts in recycling platinum, palladium, gold, silver and other valuable materials from a whole range of different areas. The result of our extensive treatment processes is precious metals of the highest levels of purity – free of any unwanted substances and impurities.



**ARGENTIA**

# SafetyTruck – Collection of hazardous waste

## [Safety]Truck

DAS REMONDIS-SCHADSTOFFMOBIL

We can collect hazardous waste directly from our customers as well as from mobile waste collection points



Empty batteries, brake fluids, pesticides: many businesses have hazardous waste left over that needs to be collected and processed by professionals. The easiest way to have this done is to use REMONDIS' SafetyTruck: our hazardous waste collection vehicle accepts all types of hazardous waste – and ensures it is transported and processed using eco-friendly and legally compliant methods. Our specially trained employees can also answer your questions and provide you with advice.

### Our SafetyTruck accepts the following products:

- materials containing mercury
- waste oil, servicing fluids containing oil, brake fluids, coolants
- laboratory chemicals and fine chemicals
- acids and alkali
- solvents, paints, varnishes, glue
- solid and liquid cleaning agents
- pesticides and other plant protection products
- aerosol cans and fire extinguishers
- medicines
- batteries
- inorganic and organic chemicals

## > RETANK

# Professional oil tank services

## RETANK

We are accredited in accordance with the EfbV Ordinance and Section 3 Para. 2 'VAwS (Bund)' and handle cleaning water and oil sludge in accordance with all legal regulations

One of the main reasons why heating systems in homes break down is because the pipes or valves are clogged up with oil sludge. The resulting damage can mean expensive repair and maintenance work. By having your tank cleaned, you'll be protecting your heating system, avoiding extensive and expensive repair work and ensuring you operate a cost-effective system. RETANK provides you with top quality tank protection and cleaning services at a guaranteed fixed price.

## > RETHERM

# Thermal treatment

Despite the technological progress already made, it is not always possible to send hazardous waste for materials recycling. In such cases, the safest and most eco-friendly way to treat these materials is to have them incinerated in one of our high performance facilities. RETHERM helps to conserve our natural resources: the energy produced by incinerating waste reduces consumption of primary fuels. Moreover, the FGD gypsum generated by the flue gas cleaning system during the incineration process is recycled and sold as a building material under the RADDIBIN® brand name.

## REThERM



# Recycling aerosol cans

Handling aerosol cans and gas cartridges is a potentially dangerous problem. We ensure that all risks are eliminated right from the very beginning. It makes no difference whether the work involves large or small volumes of cans or whether they are full or only partially full. We use state-of-the-art facilities and technology to process the cans and cartridges and recover valuable raw materials which we then return to production cycles.

## The advantages

We also supply suitable containers, collect them regularly or whenever you call us up and sort the materials. Using a complex separation process, we recover aluminium and tinplate and, if possible, recycle the contents and propellants or dispose of them in an eco-friendly way. As a result, we achieve the highest possible levels of materials recycling and help to protect the environment.

## Range of products we accept:

- full, partially full & empty aerosol cans which contain(ed) standard products – also faulty batches
- lighters and refill bottles
- PU foam containers
- gases in other containers (gas cartridges, oxygen cartridges etc) by prior arrangement
- Collection and recycling carried out by the same company



**Best available technology (BAT)**  
Our processing facilities in Bramsche have been listed as a "BAT Facility" in the Federal Environmental Agency's "Leaflet on the best available technology for waste treatment plants"



## Special chemicals safely under control

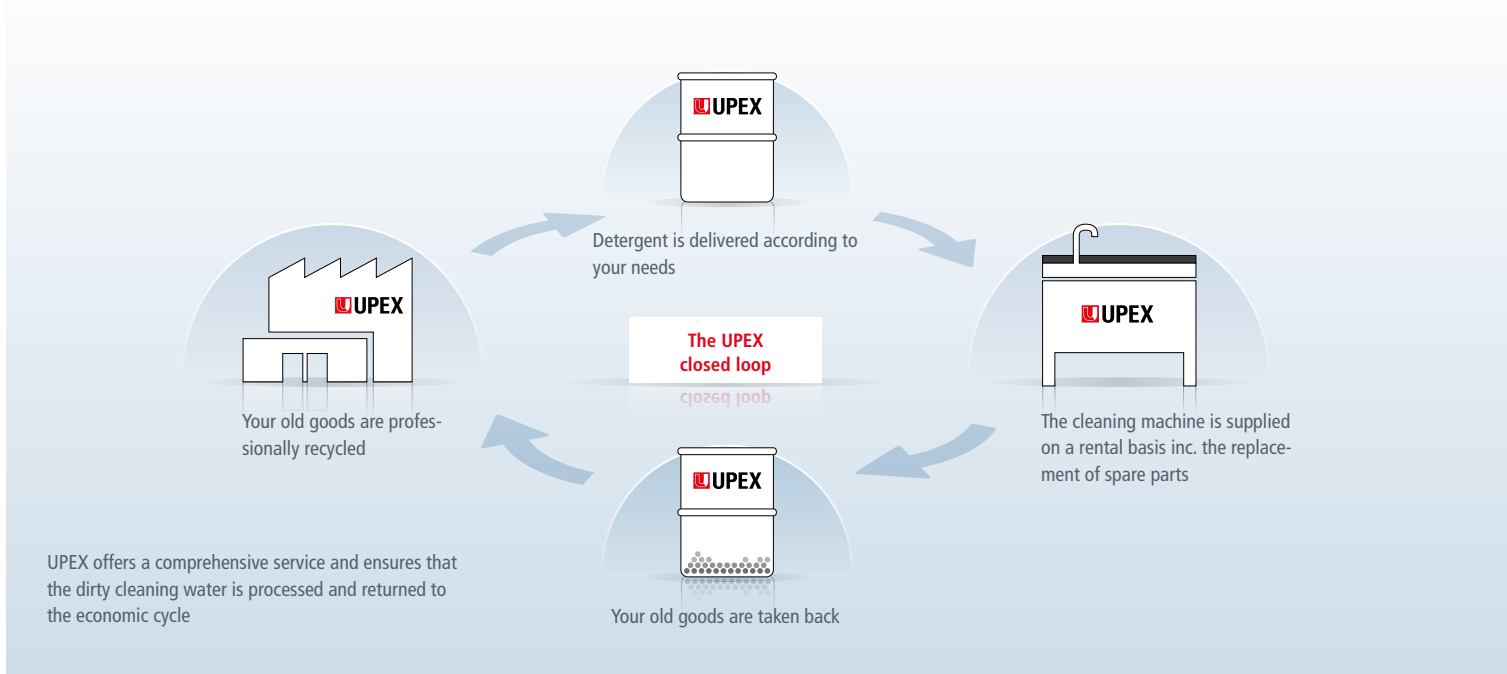
REMONDIS Industrie Service's RENOX division handles types of industrial waste that have their own distinct position due to their dangerous nature, their reactivity and their toxicity – especially special chemicals such as CFCs and other refrigerants. Thanks to our system, all hazardous materials generated by industrial businesses, research institutes, universities, school laboratories, chemists and private households can be collected and safely treated. RENOX's service package consists of three components:

### RENOX

We offer our RENOX services across Europe. Priority is always given to ensuring that strict safety measures are in place and that the quality remains at the same high level at all times

- **RENOX Transport** covers all aspects of transporting the materials safely from the customer's to the treatment facility
- **RENOX Treatment** handles the chemical-physical treatment activities. Gases in pressurized cylinders are, depending on the quality and the contents, either neutralized via a scrubber system or directly connected to the incineration facility
- **RENOX Direct Incineration** uses hazardous waste incineration plants which enable the material to be transported directly into the furnace via barrel elevators and connecting systems for liquid and gaseous substances





> UPEX

## A full service for cleaning parts

UPEX is your specialist for professional industrial and commercial cleaning work. For more than 40 years now, we have been providing our customers from a very wide range of sectors with innovative cleaning systems and highly effective detergents that have been specially tailored to meet their requirements. When you work with us, you benefit from our years of experience, our specialist know-how and our bespoke solutions.



> The cost-effective way to clean parts

- Machine to clean parts
- + detergent
- + old goods taken back
- + spare parts replaced
- = one fixed service price

**Guaranteed – no hidden costs,  
no fees or surcharges,  
free delivery!**



UPEX provides perfectly adapted washing systems for workshops and industrial businesses

> RESPECIAL

## Special applications for special types of waste

Whether it involves contaminated bulk materials or cytostatic agents, electronic components, precious metals or recyclable waste – even if it is a question of managing and/or recycling very unusual types of material, you'll not find us stumped by the task. For we are part of the REMONDIS Group and are always able to draw on the extensive know-how and special services of our many sister companies – quickly and easily.



**Do you have a special task for us? Why not contact us? We're very happy to give you advice!**

**There's always a way**

No matter what task you need a solution for – we will provide you with comprehensive advice and, together with our experts from the specialist companies in our network, will develop a bespoke, eco-friendly waste management

solution for your business. Ideally, we'll even be able to create a new recycled product from your special type of waste.



## We follow our customers all around the world. A selection of our projects

In Europe, Asia and Africa, in the desert sands, in the mountains and in regions of conflict: REMONDIS Industrie Service also takes responsibility on the international stage and follows its customers all across the world no matter what sector they work in. We carry out all tasks needed to ensure that hazardous waste is handled and processed safely and in compliance with all laws – from drawing up concepts, to carrying out notification work, to dealing with all logistics matters. Moreover, we also collect, classify and pack hazardous waste and transport it by road, rail and sea in accordance with ADR, RID and IMDG regulations.



# Protecting groundwater in the deserts of Algeria. Recovering printing sludge

The People's Democratic Republic of Algeria is the largest country on the African continent and is one of the so-called Maghreb states. Its coastline in the north borders the Mediterranean Sea

On behalf of the Algerian central bank's division responsible for printing bank notes, REMONDIS Industrie Service has been working on a project in Algiers to recover printing sludge since 2012. We obtained all necessary notifications and approvals for the project and sent out suitable transport containers to Algeria.

### European standards in Africa

The Algerian Ministry for the Environment has set very high standards to ensure that the hazardous waste is handled and processed in accordance with European standards. It has done this because there is a gigantic freshwater reservoir located under the Sahara, the world's largest desert covering a surface area of nine million square kilometres. It is essential that this water does not become polluted as this 120-million-year-old reservoir supplies a whole region with water as well as numerous oases and lakes.

### Extensive site analyses

An analysis of the samples taken in Algiers showed that some of the inks used to print the bank notes contain halogen which means that they need to be sent to the IRZ Bramsche to be disposed of in its high-temperature incineration plant. Moreover, some of the printing sludge has been stored in unauthorised or damaged steel drums. Our first task has been to pump all the waste into approved drums or IBCs or exchange the outer packaging for other safer systems whilst adhering to the high safety standards at all times. No small task – as the project involves around 30,000 drums.

### The Project – Facts & Figures

- Location: Algiers/Algeria
- Period of time: from summer 2012
- Volume & type of waste: approx. 900 tonnes of printing sludge, some of which contains halogen
- Companies involved: REMONDIS Industrie Service
- Special features: around 30,000 approved containers had to be provided





> TROUBLED REGIONS

## Working in troubled regions all around the world. International military projects

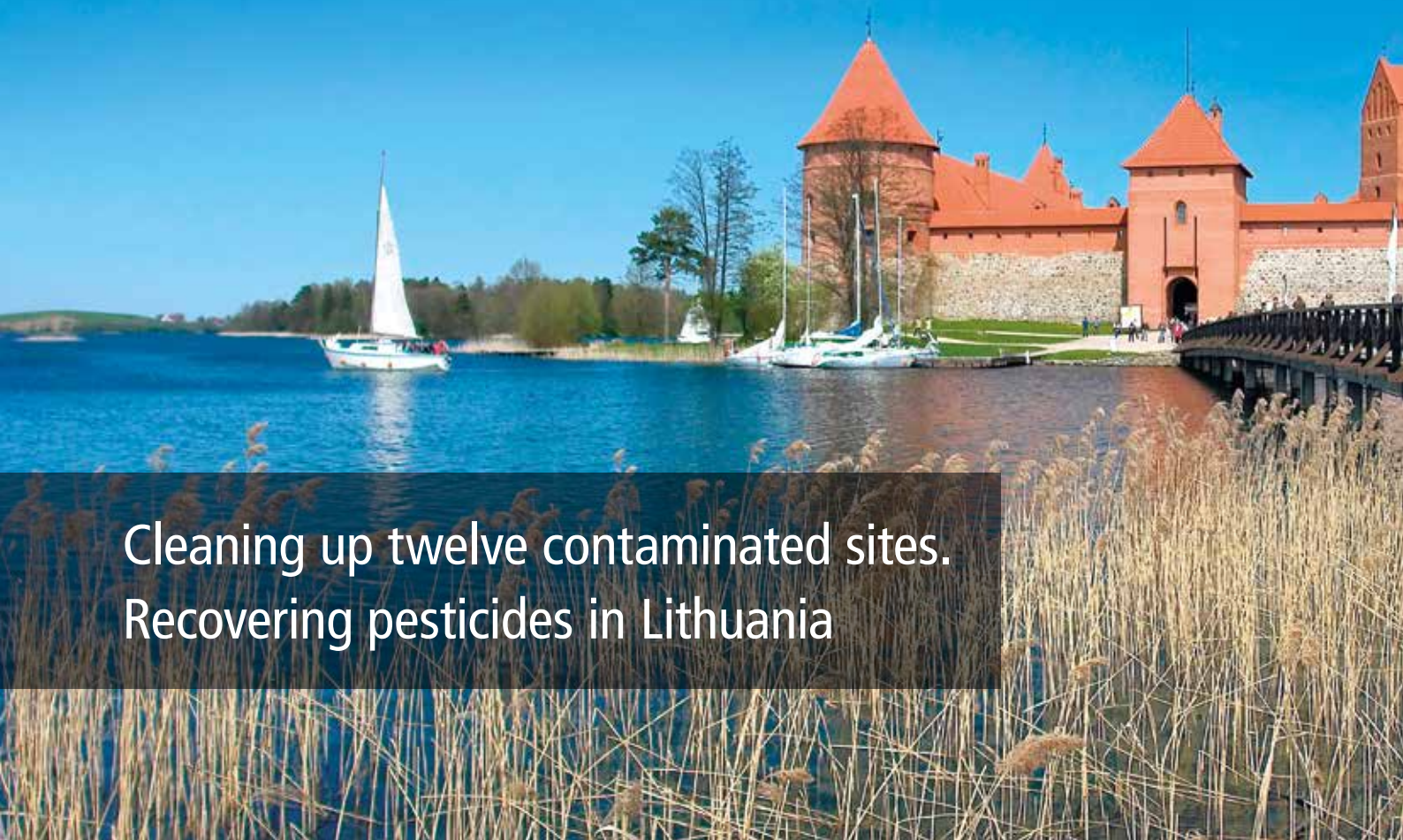


Our military projects are classified as secret. We are, therefore, not permitted to name the locations and transport routes for security reasons

REMONDIS Industrie Service has worked as a specialist collecting and managing hazardous waste in troubled regions for many years now. Working on behalf of different armed forces from Germany, the USA, Austria, Switzerland and Canada, we provide integral waste management services for all types of hazardous waste – from inspecting, sorting and packing the materials, to carrying out all logistics tasks and managing the projects, to obtaining all necessary notifications and approvals for the cross-border transport of waste.

### **Emergency stand-by team for oil spillages**

Our head office in Lünen deals with all communication with the various authorities as well as with all transit countries. If necessary, we also organise an emergency stand-by team for the different transport routes which is equipped to deal with oil spillages immediately should the need arise. Moreover, we operate interim storage facilities for hazardous waste at military locations in Germany which are run by our own personnel.



## Cleaning up twelve contaminated sites. Recovering pesticides in Lithuania

The 'Aplinkos projektu valdymo agentūra' or the APVA is the agency responsible for managing environmental projects in Lithuania

The APVA, the agency run by the Lithuanian Ministry for the Environment to manage environmental projects, put out an international tender for a remediation project to clean up twelve waste landfills in 2008 / 2009. In the mid 70s, numerous underground chambers had been built at these locations to store old pesticides. Whilst these chambers had concrete walls, they did not have suitable floors so that large volumes of contaminated earth also had to be removed from the sites. The project was awarded to SAVA in Brunsbüttel, a fully owned subsidiary of REMONDIS Industrie Service GmbH.

The project in Lithuania was the largest pesticide project ever to have been carried out

### All waste treated abroad

All of the recovered materials had to be processed abroad as there are no facilities in Lithuania able to treat such waste in an eco-friendly way. A total of 2,000 tonnes of pesticides and ca. 10,000 tonnes of earth contaminated with pesticides were recovered, packed and transported away, some of which were sent to Germany where they were thermally treated or processed for landfill.

### SAVA's waste management concept

- During the mobilisation phase, personnel, tools and packaging material were first sent to Lithuania
- SAVA filled out and submitted all necessary notification forms to the various authorities. A number of these were also approved by Gesellschaft für die Organisation der Entsorgung von Sonderabfällen mbH (GOES) and the district government of Cologne
- The work in Lithuania was carried out by a field team which consisted of a SAVA project manager, ten Lithuanian employees and an interpreter

### The Project – Facts & Figures

- Location: Lithuania/various sites located throughout the country
- Period of time: March 2008 to March 2009
- Volume & type of waste: 2,000 tonnes of pesticides, 10,000 tonnes of earth contaminated with pesticides
- Special features: the materials were recovered from areas with very underdeveloped road networks





## > HAMBURG



# Rapid response in Hamburg-Harburg

Speed was of the essence when a fire broke out at an industrial unit (100m x 30m) close to the Handelshof cash-and-carry store in Hamburg at the beginning of 2012. The whole store was in danger of having to be closed as the rubber stored in the unit had melted in the heat, flowed into the sewer system and blocked it. REMONDIS Industrie Service arrived at the scene immediately to collect and remove the approx. 300 cubic metres of water used to put out the fire.

Our team was at the site several times a day depending on the amount of rainfall

### Emergency measures to prevent flooding

REMONDIS immediately set up a 33m<sup>3</sup> watertight container in the hall to collect the dirty wastewater in the unit. We travelled regularly to the hall to empty the container and take the water for professional treatment – sometimes several times a day, depending on how heavy the rainfall was. We were then commissioned to collect and transport away all waste generated by the fire: a total of 1,700 t in 6 weeks.



All hazardous waste was processed in accordance with legal regulations

10,000 t contaminated earth  
2,000 t pesticides

### The Project – Facts & Figures

- Location: Hamburg-Harburg
- Period of time: January 2012 to April 2012
- Volume & type of waste: ca. 1,700 tonnes of waste including liquid rubber, protective clothing and some of the fire fighting equipment
- Special features: ad-hoc operation

## What type of waste do you need our services for?

From sludge from wastewater treatment, to distillation residue and solvents, to pesticides and cytostatic agents: we have an environmentally friendly recycling or disposal solution for every type of hazardous waste. Why not contact us? We're very happy to give you advice and draw up a bespoke offer that fulfils your exact requirements!

We create individual systems taken from our comprehensive range of services and solutions

### Your advantages:

- You have just one contact person who is able to support you and give you advice whenever you need it
- You are provided with a full range of services and benefit from our favourable network conditions
- We give you comprehensive advice, optimise processes, enhance the efficiency of your company and so increase your competitive strength
- We contact our specialist and regional companies and develop special solutions that are adapted specifically to your requirements
- We deal with the process of drawing up the electronic certificates and proof required and, if the work involves cross-border transport, handle all necessary notification processes

The proposals we put forward for optimising your business processes are based on an analysis of the current state of your operations. Why not find out just how good our concepts are?!

Costs

Safety

Quality

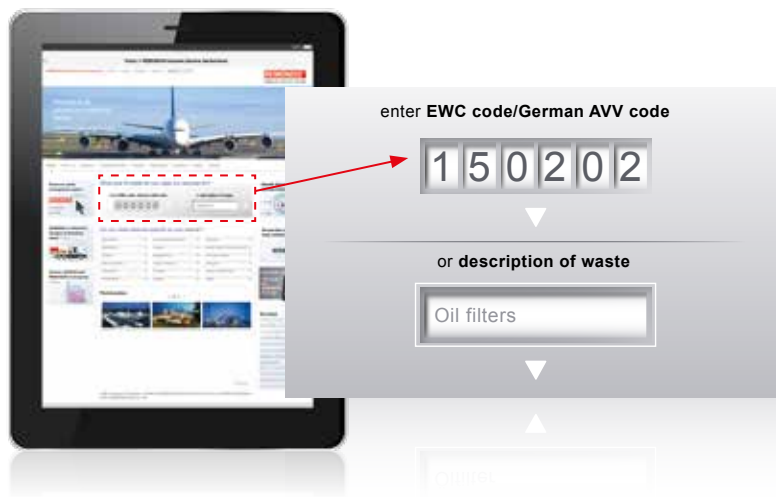


We are, in particular, specialists for the following sectors:

Automotive    Energy    Printing Industry    Shipyards  
 Aviation    Construction    Military    Engineering  
 Medicine    Chemical Parks    Agriculture    Commerce    Surface Technology  
 Heavy Industry    Trade    Educational Institutes  
 Petrol Stations & Workshops


**Simple. Practical. Clever: our Internet waste code tool**


You can also use our practical waste code tool on our website to read about the range of solutions we can offer you. Simply go to [www.remondis-industrie-service.de](http://www.remondis-industrie-service.de), enter the six-figure code of the waste that needs to be recycled/ disposed of – and you'll find a list of possible solutions for that type of waste.




**Why not contact us?!**

Would you like to learn more or do you need our advice? Then call us or send us a mail: we're very happy to help!

 T +49 2306 106-8938

 F +49 2306 106-323

 [industrie-service@remondis.de](mailto:industrie-service@remondis.de)



WORKING FOR THE FUTURE

REMONDIS Industrie Service is part of the REMONDIS Group, one of the world's largest recycling, service and water companies. The company group has more than 500 branches and associated businesses in 34 countries across Europe, Africa, Asia and Australia. With over 30,000 employees, the group serves around 30 million people as well as many thousands of companies. The highest levels of quality. Working for the future.

**REMONDIS UK LTD**  
Carr Lane Recycling and Treatment Facility  
Carr Lane // Prescot // Merseyside  
L34 1 JZ // United Kingdom  
T +44 151 2308800 // F +44 151 4262459  
sales@remondisuk.co.uk // remondisuk.co.uk

**REMONDIS Industrie Service GmbH & Co. KG**  
Hauptverwaltung Lünen  
Brunnenstr. 138 // 44536 Lünen // Germany  
T +49 2306 106-8938 // F +49 2306 106-323  
industrie-service@remondis.de  
remondis-industrie-service.de