



A QUANTUM LEAP IN AUSTRALIA – REMONDIS TAKES OVER THIESS WASTE MANAGEMENT

Latest news

The recycling bin – more contents for more sustainability

Water resources management

REMONDIS-EURAWASSER-Forum focuses on the future

Latest news

The customer is king ... and is satisfied

International

REMONDIS Aqua – water processing 'made in India'

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REMONDIS DOWN UNDER

Our Australian subsidiary, REMONDIS Australia, has acquired Thiess Waste Management Services, one of the leading waste management and recycling companies in Australia. Thanks to this acquisition, REMONDIS has extended its market presence on the fifth continent.

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THE RECYCLING BIN IS ON ITS WAY

Higher recycling rates, greater levels of sustainability: the segregated collection of packaging materials by European households has been an ecological success for many years now. Working closely with an ever increasing number of local authorities, REMONDIS has now taken the next step in this process. Page 8



REMONDIS IN THE BENELUX COUNTRIES

REMONDIS has been offering its services in the Benelux countries for 20 years now. The company is a much sought-after partner on this highly competitive market both in the areas of plant technology as well as logistics. No matter what the area, however, the company has enjoyed success thanks to the close cooperation work it has carried out with others.

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EDITORIAL

Dear Readers!

With the public's attention currently focused on the efforts being made by European governments to save the single currency and to reduce their national debts – some of which are truly astronomical – it is difficult for good news to be heard. There is, however, plenty around and this edition of REMONDIS aktuell is full of good news. Once again our magazine features articles from around the world with the best of REMONDIS' news coming from the fifth continent this time. Australia – you have it good! The population is growing at the same steady rate as its economy, its national debt and inflation rate are both moderate and when it comes to legal security, the protection of investors and the Human Development Index, the UN's wealth indicator, "Down Under" is one of the countries at the top of the list. It has a great climate to live and work in. However, it's not good to sit on your laurels and so the Australian government is looking to further improve the country both at national and state level. These efforts also include their water and environmental sectors, especially the processing of recyclable waste. Ambitious recycling rates have been set for the coming years and large sums of money will have to be invested if they are to be achieved. The market is changing fast which in turn has given REMONDIS a practically unique opportunity to grow its business. We grasped this opportunity and acquired Thiess Waste Management and are now one of the Top 5 recycling companies in Australia: the first time in 30 years – that's how long REMONDIS has been in Australia – that REMONDIS has experienced such a sudden surge in growth. With its 30 additional business locations and facilities and several hundred new employees, REMONDIS is now offering its comprehensive services in the three states along the east coast of Australia – the most densely populated regions in the country.



Ludger Rethmann,
Board Chairman

The recycling bin is on its way – there's no doubt about that. What is not yet so clear, however, is when the bins are to be introduced and who is to supply them and collect and recycle the contents. The new 'Kreislaufwirtschaftsgesetz' (KrWg/German Closed Substance Cycle and Waste Management Act) remains somewhat vague and, in general, gives local authorities extensive powers and appeal mechanisms when it comes to the collection of commercial waste. A period of three months was set after the law came into force during which the authorities responsible had to be informed about existing commercial collections. This deadline ended on 01 September 2012. Time will tell whether local councils will make use of their increased powers and take over some of the market share currently covered by the private sector. It has been clearly shown, however, that the best way is for the public and private sectors to work together. Examples of this can be seen in Unna and the Rhine-Sieg district where the recycling bin has already been introduced. The eagerly awaited and much discussed recycling law should at least clarify how sales packaging and products made of similar materials should be collected and recycled. But elections are just around the corner in Germany and it is anyone's guess when this law will finally be passed.

I hope you enjoy reading this edition of REMONDIS aktuell!

A handwritten signature in black ink that reads "Ludger Rethmann". The script is cursive and elegant.

Yours
Ludger Rethmann

Latest news

A quantum leap in Australia

REMONDIS BECOMES THE FIFTH-LARGEST RECYCLING COMPANY DOWN UNDER



It is still possible to find exceptional surges of growth in today's globalised economy. REMONDIS has once again achieved such a feat. The company's Australian subsidiary, REMONDIS Australia, has acquired Thiess Waste Management Services, one of the leading waste management and recycling companies in Australia. As a result of this acquisition, REMONDIS, one of the world's largest water and environmental services companies, has succeeded in extending its market presence in Australia and becoming one of the top five waste management companies in the country. The city and district authorities as well as the industrial businesses located along the east coast – Australia's most densely populated region – will be able to benefit from REMONDIS' extended portfolio of services in the future.

A large, stylized, light blue silhouette of a kangaroo in mid-leap, positioned in the upper middle section of the page. The background of the entire page is a photograph of Uluru (Ayers Rock) in Australia, showing its characteristic red-orange color and textured surface under a clear blue sky.

REMONDIS®

With its "Olympian" surge in growth, 2012 is REMONDIS' year in Australia.

Thiess Waste Management was a business division run by Thiess Services, a company founded in 1987 and owned by the publicly traded group, Leighton Holdings, which in turn is a subsidiary of the German firm, Hochtief AG. When it became evident that Leighton was looking to sell off its waste management division, REMONDIS realised that this was a practically unique opportunity for it to comprehensively extend its Australian business activities in 2012. REMONDIS had already taken the first step to achieving this goal at the beginning of the year when it took over Pioneer Waste Management Australia.

Pioneer Waste Management was founded in 1993 as a sorting plant and transfer station for various types of waste from municipalities, commercial businesses and private individuals. The company is based in Taren Point, a district in the south of Sydney, and accepts waste such as bulky waste delivered by municipal firms, scrap metal, paper and cardboard, plastics and waste containing oil as well as garden and kitchen waste. It then separates the recyclable materials from the residual waste and so ensures that the pre-sorted materials are sent for professional recycling. The company and its environmental services have an excellent reputation in the region it is primarily active in, namely in the districts of Kurnell and Sutherland where it has around 1,200 customers including companies such as Toyota and British American Tobacco. As a result of its acquisition of Pioneer Waste Management, REMONDIS has been able to extend its presence in these regions and at the same time

“Through the acquisition of one of Australia’s largest waste management and recycling companies, we can considerably expand our services for both municipal and commercial customers.” Dr. Mark Nusselein, CFO REMONDIS Australia

has entered historical grounds. An important chapter in the history of Australia is the Kurnell Peninsular – just a few minutes away from Pioneer’s offices which now belong to REMONDIS. It was here that Captain James Cook stepped onto Australian soil for the first time in 1770.

30 years of REMONDIS in Australia – growth and innovation

REMONDIS Australia’s history is not quite as long but it is still very impressive. 30 years ago, the company, which at that time was run under the name Rethmann, and a container manufacturer were awarded a contract to introduce 240-litre wheelie bins (a novelty at that time) throughout the city of Penrith and manage the waste collection activities there. Rethmann founded a joint venture under the name Resch and sent 35,000 new waste bins and 8 Rotopress collection vehicles by container ship from Hamburg to Sydney. Within just a few years, REMONDIS was able to establish itself in Australia as a reliable partner for local authorities and commercial businesses and continued to reach various technological milestones. Under the ▶

The company’s successful history began 30 years ago when it was awarded its first municipal waste management contract by the city of Penrith

Two of the larger collection vehicles belonging to Thiess Waste Management’s modern fleet



- ▶ leadership of the then manager, Siggie Hanisch, the revolutionary front end and side load technology was used for waste collection vehicles for the very first time in Australia. REMONDIS recognised the huge advantages presented by this Australian technology and shipped samples of these vehicle bodies and their loading technology to Germany. It then commissioned FAUN, a German manufacturer of specialised vehicles, with the task of developing the first front end and side loaders and having them approved for German roads. REMONDIS Australia was, therefore, not only one of the main areas driving growth within the group but was also one of the companies pushing forward innovations both in Germany and across the rest of the world.

Just how significant Thies is for the company can be seen by looking at its locations, facilities and fleet of vehicles. The 600+ new REMONDIS employees have brought a modern fleet of 504 vehicles with them. Using these trucks, they serve their municipal and commercial customers from their 25 business locations in the country's three most densely populated states which include the cities of Brisbane, Melbourne and the capital Canberra. The various locations and facilities operated by Thies include, among others, landfills for municipal waste, some of which generate energy from the landfill gas, sorting plants, depots and transfer stations. As a result, Thies is primarily active in large cities and regional centres which have an average population



The special vehicles used by Pioneer and Thies will strengthen REMONDIS Australia's fleet

As the country develops into a recycling economy, the Australian states are looking to increase their materials recycling rate to up to 66 %

Surge in growth in this Olympian year

In 2012, the year of the Olympic Games, REMONDIS has achieved a surge in growth on the fifth continent that is truly Olympian. Having purchased all shares in Thies Waste Management, REMONDIS has taken a huge step forward and will be one of the top 5 waste management companies in Australia once the deal is completed in October 2012.

Thies Waste Management operates transfer stations, recycling and waste treatment plants as well as landfills in Queensland, New South Wales and Victoria. Thies Waste Management has a turnover of around AUD230m and a workforce of over 600 employees. "The acquisition of Thies Waste Management fits perfectly into REMONDIS' international strategy," explained Torsten Weber, managing director of REMONDIS International. "REMONDIS has been active in Australia since 1983. Through the acquisition of one of Australia's largest waste management and recycling companies, we can considerably expand our services for both municipal and commercial customers."

of 300,000 inhabitants. Being one of the largest partners for Australian local authorities, Thies will be bringing the waste management services it provides for just under 2 million inhabitants with it into the REMONDIS Group. In addition to this, it has more than 6,200 commercial customers.

Over 46 million tonnes of waste are generated in Australia each year. The Australian Ministry of the Environment is expecting this figure to rise steadily as its population continues to grow. At the same time, the individual states have set themselves ambitious targets as far as increasing materials recycling is concerned. New South Wales is looking to be recycling at least 66 % of its municipal waste by 2014. Other states are following suit. These goals, therefore, will be presenting the recently expanded REMONDIS Australia with the best opportunities to continue its growth strategy "Down Under" in the future, too.



“REMONDIS achieves its targets!”



INTERVIEW WITH LUKE AGATI, MANAGING DIRECTOR REMONDIS AUSTRALIA

REMONDIS aktuell: Mr Agati, after 30 years of steady growth REMONDIS has leaped forward into the Top 5 of Australia's waste management companies. How did that come about?

Luke Agati: REMONDIS has gained an excellent reputation as a reliable partner for municipalities and businesses over the last 30 years. The Australian waste management market has been consolidating over the last few years and clearly large acquisition opportunities do not come around every day. When the announcement was made that Thiess Waste Management was to be sold, it was an opportunity with the right fit for REMONDIS Australia. We were delighted to be the successful bidder.

REMONDIS aktuell: This is certainly a quantum leap for REMONDIS. Just how difficult has it been to manage such an acquisition?

Luke Agati: The task of managing such a large acquisition is not insignificant. REMONDIS Australia is backed by a Global Parent in Germany and collectively we all worked together tirelessly to ensure that our due diligence and commercial understanding of the business and what it could do for us in the future was air tight. The preliminary work was intense on such a major deal and you need to ensure that you get your facts and figures right. We are delighted to be on track to become Australia's fifth largest waste management company.

REMONDIS aktuell: How does that affect your customer base?

Luke Agati: The Acquisition of Thiess Waste Management has significantly measured the REMONDIS footprint in Australia. With an additional 30 sites and locations from transfer stations to sorting plants and landfills REMONDIS will be able to offer far greater comprehensive services to both commercial customers and municipalities. The Thiess Waste Management acquisition predominantly operates on the Eastern Seaboard which in itself accounts for more than 75 % of the Australian population. Our customers collectively will receive far superior service standards.

REMONDIS aktuell: The government of New South Wales has proclaimed a recycling target quota of 66 % for municipal waste by 2014. Other states are planning on similar increases. Do you consider REMONDIS well prepared for this change?

Luke Agati: Absolutely! The primary focus of REMONDIS is to be 'best of breed' in the recycling and resource recovery arenas. REMONDIS can point to global success not only in Germany, but in countries such as Poland, Russia and the Netherlands. REMONDIS achieves its targets. Whilst it may take some time in Australia it is in our opinion a foregone conclusion that it will reach all goals and targets set by the authorities.

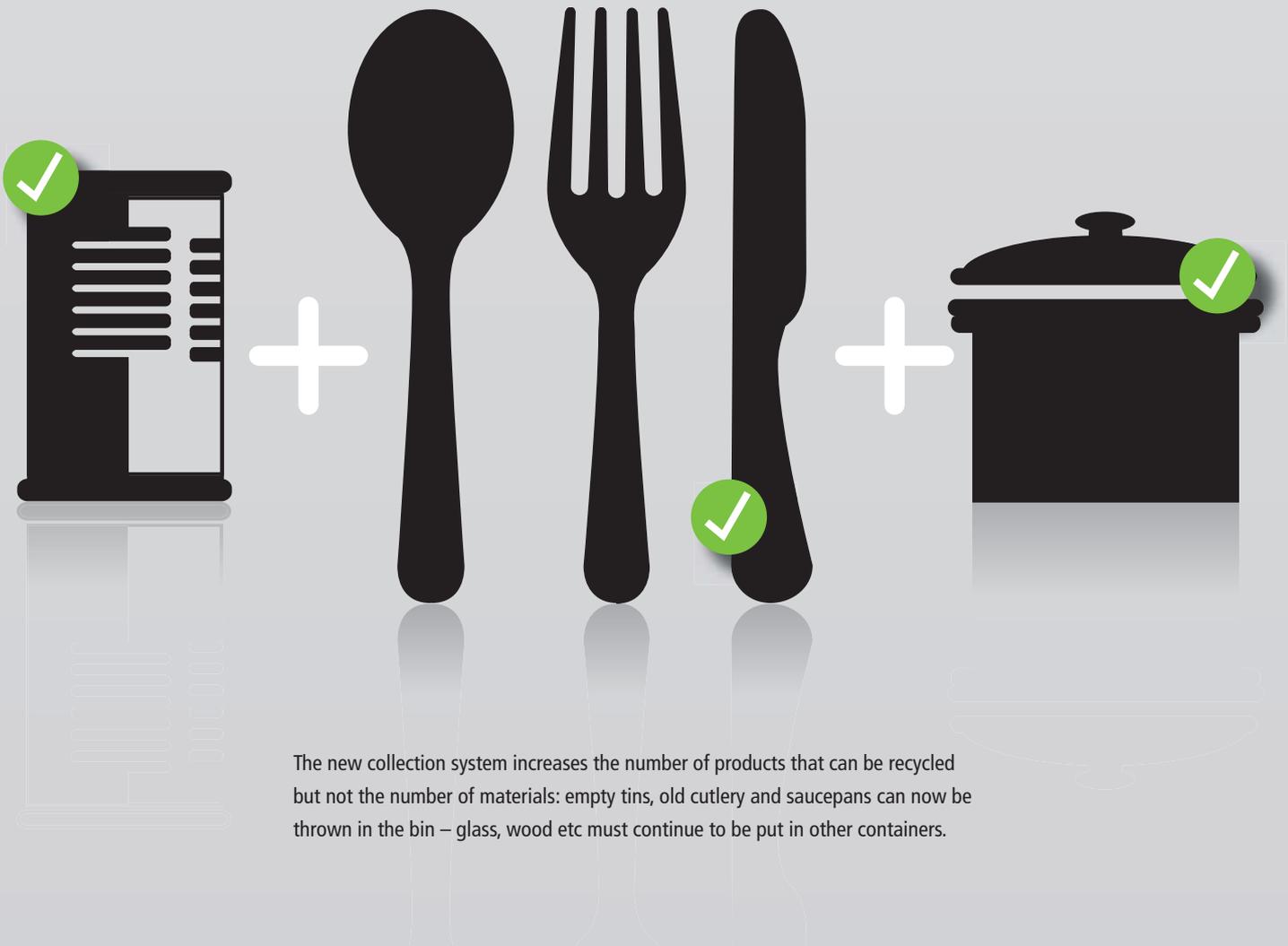
REMONDIS aktuell: Mr. Agati, thank you for this interview.

More contents for more sustainability

REMONDIS IS WORKING TOGETHER WITH LOCAL AUTHORITIES TO PUSH FORWARD THE INTRODUCTION OF THE RECYCLING BIN.

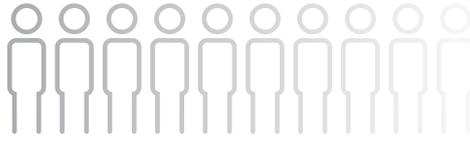
REMONDIS®

Higher recycling rates, greater levels of sustainability: the segregated collection of packaging materials by European households has been an ecological success for many years now. Working closely with an ever increasing number of local authorities, REMONDIS has now taken the next step in this process: the "yellow" sales packaging bin is gradually being replaced with a recycling bin – enabling even more recyclable waste to be returned to material cycles.



The new collection system increases the number of products that can be recycled but not the number of materials: empty tins, old cutlery and saucepans can now be thrown in the bin – glass, wood etc must continue to be put in other containers.

15



million people already use
the new recycling bin

It has been a simple process for the 15 million people in Germany, who already have the recycling bin, to switch from the old bin to the new one: whereas the “yellow” bin was only allowed to be used for old sales packaging made of metal, plastic and composite materials, the new recycling bin may also be used for other products made of similar materials. Thus plastic bowls and plastic folders can be added alongside the yoghurt pots and plastic film and old saucepans and cutlery alongside the metal tins and lids.

High level of acceptance, greater recycling rates

According to a survey carried out by the Forsa Institute, 78 percent of Germans believe the recycling bin is a good idea. The simple way the bin is used is probably one of the reasons for their acceptance of the system as is no doubt the positive effect it will have on the environment: whereas in the past each person in Germany generated an average 28 kilograms of waste sales packaging a year, this new recycling bin is expected to increase this figure by a further seven kilograms. As a result, the per capita amount of residual waste will fall by seven kilograms – thus reducing the amount of waste that cannot so easily be returned to material cycles.

Working together with numerous local authorities, REMONDIS is pushing forward the success of the recycling bin. Since the beginning of the year, around 600,000 people living in the Rhine-Sieg district have had their “yellow” sales packaging bin replaced with a recycling bin. The volume of recyclable waste has already increased by more than 20 percent since the households in the district began throwing sales packaging and other products made of similar materials into the same bin. An independent analysis is to be carried out this year and should provide detailed information about how material streams have changed.

Sorting waste correctly means stable charges

“All the local inhabitants are happy with the recycling bin,” concluded Reinhard Hohenstein, managing director at REMONDIS Rhineland. The work between the company and the Rhine-Sieg district authorities has also been very good. Moreover, there are signs that the new bin will help to increase European recycling rates of municipal waste in other regions, too, as a result of cooperation work between local authorities and REMONDIS – whether it be in Unna, Düsseldorf, Frankfurt, Meißen or Münster. The District of Unna is expecting an additional volume of recyclable waste of up to ten kilograms per person each year. It is, however, asking its local inhabitants to sort their waste correctly.

In order to prevent waste collection charges from having to be increased as a result of extra sorting activities, a number of misunderstandings about how the bin should be used still have to be cleared up. The rules for separating waste are simple: materials that were not allowed to be thrown in the old “yellow” sales packaging bins are also not allowed in the new recycling bin. Glass, wood, paper and biowaste, for example, should continue to be thrown away in other bins in order to ensure the highest possible recycling rates can be achieved.

If the recycling bin is to be introduced successfully then the public and private sectors must work together

The legislator aims to make it obligatory for sales packaging and products of similar materials to be collected in the same bin from 2015 onwards

Background

In its new Waste Framework Directive, the European Union has determined that its member states must be recycling at least 65 percent of their municipal waste by 2020. This percentage rate has already been reached in many regions in Germany and the new German Closed Substance Cycle and Waste Management Act, which came into force in 2012, aims to achieve higher recycling rates. It has, therefore, created the legal basis to enable a uniform bin to be introduced for collecting sales packaging and products of similar material.



Latest news

The customer is king

OVER 90 PERCENT OF OUR CUSTOMERS WOULD RECOMMEND REMONDIS

Are our customers satisfied with our services? The results of our second customer survey confirm the positive trend: REMONDIS offers its customers very good services, adds value to their businesses and provides an excellent customer care service!

REMONDIS®

Customer satisfaction is a prerequisite for a successful future

The subject of sustainability is reflected in all of REMONDIS' business activities – and this is also true for its relationship with its customers! One of the prerequisites for creating a sustainable future is for our company to develop strong, long-lasting ties to our customers. Customer satisfaction is the basis for creating long-term business relationships. What is the best way to find out what services our customers are satisfied with and where there is still room for improvement? By asking them! For the second time since 2009, REMONDIS has carried out an extensive customer

survey – and not only to merely record its customers' comments, criticism and wishes but also to process the results.

Recommendation rate rises to over 90%

Around 5,000 customers answered the detailed questionnaire and by doing so helped us to establish a comprehensive overview of the level of our cooperation work. The results speak for themselves: customer satisfaction levels have increased again significantly compared to the results in 2009 which themselves were good! What is particularly

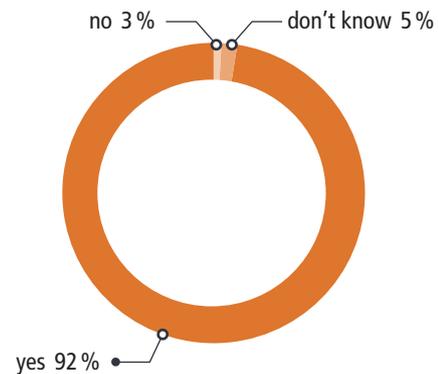
Good grades for REMONDIS across the board

Grades according to the German school system

(1 = excellent / 2 = good / 3 = satisfactory / 4 = adequate)

1.7	customer-oriented	1.8	solutions provided by just one company
1.5	cooperative approach	1.8	committed
1.6	reliable	1.7	quality conscious
1.6	competent	1.6	likeable
2.0	innovative	1.9	flexible

Would you recommend us to others?



pleasing is that this (in some cases very clear) growth in satisfaction extends to all important criteria – beginning with the offers we draw up, to the actual provision of the service, to our invoicing process. Project manager, Daniel Groth, commented on this saying: “The fact that more than 90% of our customers would now recommend REMONDIS as a service provider is also the result of the many measures we undertook to improve customer service following our last survey.”

Wide range of customers requires bespoke services

There are without doubt still opportunities for REMONDIS to further develop its business. Our employees will, of course, be working on finding solutions and additional services for those areas where there is still room for improvement. The company is, therefore, extremely grateful to its customers for sharing both their comments and criticism. A number of customers used the opportunity presented by this latest survey to talk openly about current and past problems. What has become clear from reading the variety of answers is just how widespread REMONDIS’ customer base actually is. As we provide each customer with their own bespoke services, it is automatic that bespoke solu-

tions must also be found for any problems that may arise. “If one of our customers has a problem, then the person responsible for them looks to provide them with the support they need within as short a time as possible. This bespoke customer care service is, therefore, an important success factor and an important part of our quality assurance system,” explained Daniel Groth.



“A bespoke customer care service is an important success factor and an important part of our quality assurance system.” Daniel Groth, project manager

All in all, the number of complaints has clearly dropped compared to the results of the 2009 survey – a further indication that the portfolio of services provided by Germany’s leading water and environmental services company has been able to be optimised. REMONDIS would like to take this opportunity to thank all its customers for taking part in this year’s survey!

Transalpine partnership

REMONDIS INDUSTRIE SERVICE COOPERATES WITH MUNICIPAL PARTNER IN ITALY

Italy is not an unknown territory for REMONDIS. Various company divisions have been active in different segments of this major European market for many years now. Long-term cooperation agreements have been signed with a large number of Italian customers – in particular in the area of hazardous waste where they make use of the recycling and disposal processes available at the company's various facilities such as hazardous waste incineration, aerosol can recycling and backfilling material for mines. One of the company's key customers is the Hera Group, a municipal multi-divisional company from Emilia Romagna.

The Hera Group supplies its affiliated local authorities with a wide variety of services such as local public transport, gas and electricity and waste management. Besides operating landfills and composting plants, Herambiente also has municipal waste incineration plants in a number of cities such as Modena, Ferrara, Bologna, Forli and Rimini. For many years now, Herambiente and Remondis Industrie Service have been working together managing waste from refineries, chemical plants and drilling platforms as well as incinerating household waste.

Together, Herambiente and Simam have invested around €15m in the whole plant which is now one of the most modern of its kind in Europe. The plant is situated in an industrial complex, in which Herambiente operates various landfills, an RDF power plant and a further treatment facility for hazardous waste. One of the very few hazardous waste incineration plants in Italy is located close by and is also run by Herambiente. One of the main tasks of REMONDIS Industrie Service and its experts will be to help plan and control the mixtures processed in the plant which will be supplying various facilities within the group with its output. Plans are for its own volume of materials from Italy to be recycled at the plant in the future, too.

REMONDIS has been able to steadily increase its activities in Italy over the last few years. Local authorities and private individuals can, in particular, benefit from the group's wide range of recycling and disposal facilities. They are also able to access the large portfolio of other services that this group of plants can offer and that go beyond simple incineration and landfill activities. Facilities accepting materials include the SAVA hazardous waste incineration plant in Brunsbüttel and TRV in Wesseling, the multi-divisional industrial recycling centre in Bramsche for aerosol cans, problematic chemicals, gas cylinders and waste for producing



“Both local authorities and private individuals – also those in Italy – benefit from the REMONDIS Group’s wide range of recycling and disposal facilities.” Dr. Ludwig Ramacher, REMONDIS Industrie Service

REMONDIS Industrie Service recently took part in a tender process involving the operation of a new chemical-physical waste treatment plant with an annual capacity of 150,000t and, in particular, the subsequent stabilisation of the waste. It has now been awarded the project and will take over the operations of the Disidrat stabilisation facility in Ravenna together with the Italian engineering company, SIMAM S.p.A from Senigallia near Ancona, for a period of 6 years.

The chemical-physical treatment plant has an annual capacity of 150,000t and will be run by REMONDIS Industrie Service and the Italian engineering company, SIMAM S.p.A, for the next six years



fuels, Aurec in Bernburg for backfilling material and the fluidised bed power plant run by REMONDIS Production in Lünen for disposing of industrial sludge. The REMONDIS Industrie Service specialists also help their customers to draw up the necessary notifications working closely with the authorities in Germany.

Of the whole Rethmann Group, Rhenus is active in Italy with its own business locations and it also transports the waste to Germany using suitable routes. Within Italy itself, Rhenus delivers, for example, furniture from Ikea and assembles them at the customers' homes. Plans are currently being worked on to found its own waste management company in Italy.

REMONDIS also draws up the necessary notifications working closely with the authorities in Germany

Mobility and clean water



REMONDIS AQUA OPENS A NEW FACILITY IN INDIA

Customers from the automotive industry have been benefiting from REMONDIS' bespoke concepts and individual solutions for their business locations for many years now. Just such a concept was recently implemented by the company as a BOT model for the first time ever in India. BOT stands for 'build – operate – transfer'. Both industrial and municipal customers appreciate the advantages of such models: if requested, REMONDIS Aqua not only builds the water facility on behalf of their customer but also operates it for a defined period of time so that the client need not worry about this side of their business. At the end of the period, the customer can then take over the operation of the facility itself or have REMONDIS continue to run it. It is surely not possible to be more flexible or have better cost control than this!

REMONDIS Aqua India is enjoying sustainable success in the country – in both senses of the word

"The BOT model offers our customers much greater flexibility and allows them to plan their wastewater treatment and water processing activities well into the future."

Thomas Block, General Manager REMONDIS Aqua International

Background

REMONDIS Aqua International has been working in India since 2009. Its activities include water management services for industrial and municipal customers as well as bespoke waste and resource management concepts. REMONDIS' industrial water management division currently operates facilities in Maharashtra and Gujarat.

In May 2009, REMONDIS Aqua opened its first branch on the Indian subcontinent in Pune, a city with four million inhabitants around 170km south east of Mumbai in the state of Maharashtra, and at that time no-one was able to predict how sustainable the development of REMONDIS' newest branch would be. Both senses of the word "sustainable" are meant here as the company's main activities focus on preserving the vital resource water. Pune is one of India's biggest industrial centres and is home to many automobile manufacturers and their suppliers. As a result, treating the industrial wastewater is extremely important and not only because of the climatic conditions and the fact that the country is so densely populated. In July 2011, Volkswagen in India signed a contract with REMONDIS Aqua (India) Pvt. Ltd. for a BOT model covering the treatment of wastewater generated at VW's site in Chakan near Pune. Volkswagen employs around 3,000 people at this location which produced more than 100,000 vehicles last year alone. Under the terms of the agreement, REMONDIS was responsible for planning, building and putting a facility for treating industrial wastewater into operation and will now run it sustainably for a period of five years.

Construction work began during the monsoon season in autumn 2011 and the concrete work was completed in January 2012. Test operations then started in April 2012 followed by a smooth transition to normal plant operations just one month later. Everything was ready, therefore, for the official opening ceremony to take place on 05 June which was also World Environmental Day. The official ceremony, which featured traditional Indian customs, was attended by a large number of guests from all over India



The Indian guests toured the facility during the official opening ceremony on 05 June

interested in learning more about REMONDIS' services and facilities. The guests were particularly impressed by the high standards used to implement the services which are not yet commonly found in India.

In the future, this facility will treat up to 500m³ of wastewater from VW's Chakan plant and this is one of the most important parts of the overall water management concept. The wastewater undergoes both mechanical and biological processes as well as a membrane stage. The treated water is then stored in large tanks and can be used for other tasks on the company grounds. In addition to this, REMONDIS treats wastewater from the paint shop using a separate process.

This project not only means that VW has far greater flexibility and is able to plan well into the future, it is also a top quality advertisement for REMONDIS Aqua's high performance in India.

The facility was officially put into operation on 05 June, on World Environmental Day

REMONDIS Aqua and DEG cooperate in India

Cooperation work between REMONDIS Aqua International GmbH and DEG – Deutsche Investitions- und Entwicklungsgesellschaft mbH, a subsidiary of the KfW Bank Group, as part of the develoPPP.de programmes

This project involves wastewater treatment in the sugar industry in India taking the special production features into account. It began in May this

year and is to run for a period of 24 months. Its aim is to implement modern water management systems in the businesses of the local partners involved in the project. REMONDIS' task will be to analyse the technology currently being used in the wastewater treatment facilities and to put forward suggestions for increasing energy efficiency as well as for optimising the technology used to treat the process water. One important

part of the project will be to train the local personnel to operate such technology. The project is being implemented by an international project team which will be working closely together with REMONDIS Aqua (India) Private Limited. The first partners from the sugar industry have already been found for the project in Maharashtra/India. The aim is to analyse plants of different sizes and with various types of technology.



Cooperation work

A strong performance in the Benelux countries

WORKING AS PARTNERS FOR MUTUAL SUCCESS

REMONDIS has been offering its services in the Benelux countries for twenty years now. The company is a much sought-after partner on this highly competitive market both in the areas of plant technology as well as logistics. No matter what the area, however, the company has enjoyed success thanks to the close cooperation work it has carried out with others.

Sortiva P&K sorts, among other things, mixed paper from 56 different districts in the Dutch provinces of Noord-Holland, Flevoland and Friesland

Professionally processing waste paper – this is the core business of REMONDIS' joint venture Sortiva Papier en Kunststoffen BV, which has its head office in Wognum (Province of Noord-Holland). This well-known recycling company is one of the top five waste paper processors in the country. Each year, around 170,000 tonnes of old paper are processed at Sortiva P&K's plants in Wognum and Alkmaar. To be able to do this, the company has set up a network of sorting plants for handling mixed paper, paper from printing businesses as well as paper recovered from the destruction of files.

Cooperation work for efficiency and cost effectiveness

The volumes of paper delivered to Sortiva P&K have come from commercial businesses as well as from municipal kerbside collections. This waste paper specialist, therefore, also handles mixed paper from 56 different districts in the Dutch provinces of Noord-Holland, Flevoland and Friesland.

One of the owners of the company is NV HVC which is based in Alkmaar and is an association of 56 Dutch councils and five water associations. HVC was founded in 1992 and

"AIVE's goal is to provide all of our local inhabitants with a waste collection service that uses eco-friendly, state-of-the-art technology and that is priced fairly. The political bodies were impressed by REMONDIS' offer. Our cooperation work with REMONDIS is one based on partnership and trust" Bernard Antoine, Directeur général adjoint





is now the fifth-largest waste management business in the Netherlands. Being a municipal shareholder, HVC owns a 25-percent share in Sortiva P&K. "We were really pleased to be able to absorb REMONDIS into the structure of Sortiva P&K and have them as a strong partner. REMONDIS will bring additional know-how into our joint venture, especially in the area of marketing raw materials and plant technology," commented Wim van Lieshout, CEO of NV HVC.

The family-run firm, G.P. Groot BV, also owns a 25-percent share in Sortiva P&K. Established in 1917, this company from Heiloo is the largest privately run waste management business in the Noord-Holland region and supplies waste paper collected from its commercial customers. Just as is the case with the municipal co-owner, G.P. Groot appreciates the ideal processing opportunities of this joint venture which unites top quality treatment with high levels of cost effectiveness.

When REMONDIS Nederland BV purchased its fifty percent share in the company, it also brought Alkmaar-based Stam Papier Recycling BV with it into the joint venture. This firm, however, should be fully integrated into Sortiva by the end of the year which will mean a further optimisation of business processes as well as an even greater competitive edge. As a result of this merger, the company will become the largest waste paper business in the province of Noord-Holland, a region with approx. 2.6 million inhabitants.

Belgian "Interkommunal" partners with REMONDIS

On 01.01.2012, REMONDIS Belgien S.P.R.L. began a new partnership in the French-speaking region of Wallonia where it is working for the very first time with an "Interkommunal" (an inter-municipal association in accordance with Belgian law) in the area of household waste collection activities for 265,000 inhabitants. REMONDIS Belgium has been commissioned by this inter-municipal association to provide a weekly kerbside collection service to pick up the household waste from the whole of the Belgian province of Luxembourg as well as from other districts in the province of Liege. This area also includes 10,000 inhabitants from the German-speaking district of Sankt Vith. The German-speaking region in eastern Belgium has a total of approx. 65,000 inhabitants.

"We were really pleased to be able to absorb REMONDIS into the structure of Sortiva P&K and have them as a strong partner. REMONDIS will bring additional know-how into our joint venture, especially in the area of marketing raw materials and plant technology." Wim van Lieshout, CEO of NV HVC

AIVE is an inter-municipal association consisting of all 44 districts in the Wallonian province of Luxembourg and a further 11 districts from the province of Liege. This cooperation agreement, which runs for a period of 8 years, was awarded to the company as part of a Europe-wide tender.

High demands regarding logistics and technology

High levels of expertise are needed both in the area of logistics as well as in technology to be able to collect residual waste and biowaste separately from the households, as AIVE's region also covers the whole of the very scarcely populated Belgian Ardennes district. The Belgian province of Luxembourg alone has a surface area of 4,443km² and an average population of just 58 inhabitants per km².

The majority of towns use duo bins for collecting residual waste and biowaste i.e. the bins have two separate compartments – either horizontal or vertical – for holding the waste. A diverse fleet of vehicles is, therefore, needed to carry out the work, whereby additional vehicles with special loading technology are needed to empty the duo bins. Moreover, in over half of the districts, the volumes of waste collected have to be weighed and assigned to the different households. REMONDIS uses a chip-based weighing system to do this which sends the data directly to AIVE and REMONDIS for evaluation via electronic interfaces. In addition to this, the vehicles are equipped with a track and trace system so that both AIVE and REMONDIS can track the routes taken by the vehicles in real time. As a result, REMONDIS is able to provide its customer with absolute transparency when carrying out its services.

"Despite the high technological and logistical requirements, not a single complaint has been received about the collection of waste from households," said Matthias Illing, head of REMONDIS Belgium.

With its track-and-trace and chip-based weighing systems, REMONDIS is able to provide its customer with absolute transparency when carrying out its services

KED Wedemark is a perfect example of how the public and private sectors can work together successfully

Water resources management

Working hand in hand for clean water

KED: A RELIABLE PARTNER IN THE HANOVER REGION

Re-nationalisation – yes or no? Increasingly more attention is being given to this issue as the pressure on the public purse increases and local authorities are faced with such a wide range of tasks. The answer to this question, however, is clear as far as REMONDIS is concerned: the best way to solve this problem efficiently is to ensure that the private and public sector waste management businesses work together fairly as partners. REMONDIS Aqua GmbH is continuing to follow this strategy with its purchase of a 50 percent share in KED Kommunale Entsorgungsdienste GmbH on 01 January 2012.



The wastewater is treated by the Wedemark plant which has two lines and is located in rural surroundings

For more than 25 years now, KED Kommunale Entsorgungsdienste GmbH has been providing reliable wastewater services in the district of Wedemark, a rural area in the north of the Hanover region, where it also operates sewage treatment plants, pumping stations and sections of the drainage network. Since the beginning of this year, these important tasks have been provided by REMONDIS Aqua GmbH and its partner Hastra-Bau Wegener GmbH & Co. KG as part of an operator model agreement. A look back at the last few decades before this latest project began clearly shows that – since 1985 – the state government of Lower Saxony has preferred to use private sector partners to plan, build and operate public infrastructure projects. The politicians, therefore, were among the first to recognise the advantages of cooperation work between the private and public sectors – such as faster project completion.

Lean structures help to cut costs

Since 1985, KED has invested over 15 million euros in building and maintaining its plants and facilities and this has had a positive effect on its drainage water charges. Special conditions exist in the district of Wedemark compared to the neighbouring municipalities as a result of the local situation. As approximately one third of the district's area lies in a large water catchment area that supplies the whole of the

state capital Hanover with drinking water, the regulatory authorities have set some special requirements concerning the quality of the water discharged by sewage treatment plants. Particularly high standards must be met in order to protect the smaller bodies of water in the district, which in turn require the use of special technology. To be able to finance this technology, many water providers have suddenly increased

“We believe this type of cooperation work is a very promising model for the future.”

Michael Figge, a managing director at KED

their drinking water charges – in some cases by more than 40 cents/m³. Thanks to the measures taken by KED over the years enabling it to plan the implementation of such measures over a long-term period, households in Wedemark have not had to face such price increases. “One of KED's main advantages is its lean personnel and organisational structure which means it can act quickly and efficiently and is, therefore, Günter Fehr, a managing director at KED. Michael Figge, a managing director at KED, also stressed the sustainability of this model: “The partners benefit from the flexibility within the project. We believe this is a very promising model for the future.”



The project with KED was able to be implemented quickly despite the fact that 15 million euros had to be invested in wastewater technology



The modern dry filtration system ensures the treatment of the wastewater is of a high quality

The REMONDIS-EURAWASSER-Forum – promoting a sustainable society

REMONDIS-EURAWASSER-FORUM IN SCHWERIN HAS BECOME A LEADING EVENT FOR TACKLING SUSTAINABILITY ISSUES



What consequences will the demographic change, urbanisation and climate change have on individuals and society as a whole? What demands will be made on public infrastructures? How can companies fulfil their social and ecological responsibilities? These and other questions were discussed by the 200+ experts and the distinguished speakers from the worlds of politics, business and research at the “7th REMONDIS-EURAWASSER-Forum for Innovation, Technology and Sustainable Development” which was held at the Chamber of Commerce in Schwerin on 12 and 13 June 2012. This event has become one of the leading platforms in Germany for discussing sustainability and other future issues.

Andreas Bankamp, managing director of REMONDIS Aqua, Michael Vassiliadis, chairman of the IG BCE (German Mining, Chemical and Energy Workers’ Union), Dr Klaus von Dohnanyi, former First Mayor of the Free and Hanseatic City of Hamburg and former Federal minister of education and sciences, and Norbert Rethmann, honorary chairman of the supervisory board of the RETHMANN Group, discussed ways of creating a sustainable future during the REMONDIS-EURAWASSER-Forum



"I was really pleased with the high quality contributions. Being a water and environmental service company, we see it as our duty to push forward the debate about the sustainable development of our public infrastructure," explained Andreas Bankamp, managing director of REMONDIS Aqua and EURAWASSER. "Thanks to the REMONDIS-EURAWASSER-Forum, we have been able to create new impetus and provide food for thought about how society, companies and politicians can face up to and overcome the challenges of the future."

One important conclusion reached by the forum participants during this two-day event was that it will be companies that must play an important role in ensuring Germany develops in a sustainable manner. It is impossible to imagine there being sustainable innovations in Germany without the creative energy of the private sector and its willingness to invest. The keynote speaker at this year's event was Dr Klaus von Dohnanyi, former Federal minister of education and sciences and First Mayor of the Free and Hanseatic City of Hamburg, who spoke about the future of individuals. He believes that it will be companies that will be the driving force – creating future prospects for people and so sustainably developing society. "Companies must face up to their responsibilities. It is not simply a matter of creating and safeguarding jobs but also a fundamental issue of how we wish to live in the future. Creative solutions from the world of business and science will be needed more than ever."

"Being a family-run business, we have direct and personal ties to our towns as well as to the people that live in them."

Norbert Rethmann, Honorary Chairman of the Supervisory Board of the RETHMANN Group

During a podium discussion with Dr Klaus von Dohnanyi and Michael Vassiliadis, chairman of the IG BCE (German Mining, Chemical and Energy Workers' Union), Norbert Rethmann, honorary chairman of the supervisory board of the RETHMANN Group, emphasised the fact that family-run companies, in particular, can offer both security and future opportunities in times when many people are worried about their future. "Being a family-run business, we have direct and personal ties to our towns as well as to the people that live in them. That in itself is a strong incentive to develop innovations and improve each and every day."

Other subjects discussed during the 7th REMONDIS-EURAWASSER-Forum included the vision of "Tomorrow's town" (a sustainable town of the future), the effects of the demographic change on water infrastructures and family-friendly personnel policies. Moreover, concepts involving microbial fuel cells and the recovery of phosphorus were also presented.

Once again, this year's REMONDIS-EURAWASSER-Forum proved to be an important discussion platform and meeting place for experts to focus on the sustainable development of Germany's economy.

Demographic change, urbanisation and climate change will be the biggest challenges that we will have to face in the future

City of Selm's supervisory board visit EURAWASSER Nord's waterworks in Rostock

During the 7th REMONDIS-EURAWASSER-Forum held in Schwerin on 12/13 June 2012, representatives of the supervisory board of REMONDIS Aqua's joint venture, Stadtwerke Selm, took the opportunity to learn more about drinking water processing technology by visiting EURAWASSER Nord's waterworks in Rostock. Stadtwerke Selm GmbH is a PPP company owned by the City of Selm (51 %) and REMONDIS Aqua GmbH (49 %) and is now responsible for supplying drinking water throughout the city of Selm.



EURAWASSER's area manager, Ilona Holtz, and the manager of the waterworks, Mr Troppens, explained in detail to the participants how the water there is processed. One special feature in Rostock is the fact that water is extracted directly from the River Warnow with the drinking water having to undergo many complex treatment and cleaning processes. Mr Mario Löhner, mayor of the City of Selm, said that he was very pleased to have REMONDIS Aqua GmbH at his side as his partner as it would be able, when needed, to provide the council with competent and reliable support as they carried out diverse new tasks.

Moving with the times

EURAWASSER AWARDED ISO 50001 ACCREDITATION



Global energy consumption continues to increase: in 20 years' time, the world will be consuming 40 percent more energy than it is today. This development is already resulting in growing costs for electricity, oil and gas so that the subject of resource efficiency is becoming more and more important. An ever increasing number of companies are, therefore, facing up to this challenge and introducing measures to counteract this development and, at the same time, making use of the economical and ecological advantages resulting from such measures. Companies, which look into ways of making savings, can both strengthen their competitive position and protect the environment. This is precisely what EURAWASSER Nord GmbH has done, with all of its business locations being awarded accreditation for their energy management system which is in accordance with the new international ISO 50001 standard.

EURAWASSER Nord has been one of the first few water supply and wastewater treatment companies in Germany to switch to this new standard which is more stringent than the previous DIN EN 16001. The company believes that this new ISO standard is an ideal way of monitoring whether it reaches its own environmental and efficiency targets as it

Working systematically towards the energy turnaround

Being one of the founding members of the "Energiebündnis Rostock" (Rostock Energy Alliance), EURAWASSER Nord is taking consistent steps towards achieving its own energy turnaround. Focus is being put on the gradual move towards its central sewage treatment plant in Rostock becoming energy self-sufficient, on energy savings being achieved through optimising the technology at water and wastewater facilities as well as on cutting fuel consumption by improving route schedules. One of EURAWASSER's main company policies is to systematically cut energy consumption and, as a result, energy costs – a challenging task especially as the company is aware that its customers are expecting it to do this.

The introduction of the energy management system in accordance with ISO 50001 is a further hallmark of excellence for the company alongside the ISO certification it already has for quality management, environmental management and food safety. These all create confidence as customers can be sure that the services they receive will be of a consistently high quality.

not only provides detailed energy analyses of all processes but also enables CO₂ emissions to be assessed. "We are really proud to have been awarded the ISO 50001 accreditation which further confirms our commitment towards achieving sustainability and energy efficiency. EURAWASSER has clearly shown that the protection of the environment and our waters must be adapted to meet the dynamic developments of both the economy and society," explained Gesine Strohmeyer, a managing director at EURAWASSER Nord.



Doubly good

WAL EXCELS THANKS TO ITS FUTURE-ORIENTED HR POLICIES AND ITS TOP QUALITY WATER

Family-friendly employers are attractive employers. Companies competing on the job market for qualified specialists, therefore, can gain a decisive advantage over their competitors by helping their employees to unite career and family. Wasserverband Lausitz Betriebsführungs GmbH (WAL-Betrieb) has recognised this fact and has been awarded a certificate to this effect from the berufundfamilie gGmbH for the second time since 2008 proving once again that it is a company with sustainable family-friendly policies.



The 14th certificate presentation ceremony was held by berufundfamilie gGmbH, a non-profit-making Hertie foundation, according to the motto "Into the future with family-friendly people management". WAL-Betrieb GmbH was there once again, with the company taking on a pioneering role in its local region thanks to its family-friendly work-life balance. Karin Rusch, a commercial managing director at WAL-Betrieb underlined the importance of this subject in today's society: "Enabling employees to unite their career and family is an important success factor that can determine both the competitiveness and the future of a company in regions which lack qualified specialists and suffer from a general exodus of workers."

Over the last few years, WAL-Betrieb, a company belonging to REMONDIS Aqua GmbH & Co. KG, has succeeded in implementing concrete measures from their first certificate. Nine employees have welcomed new additions to their families over the last 3 years alone and they are now grateful to be able to take advantage of WAL-Betrieb's family-friendly measures such as child care or flexitime. "If we wish to remain attractive for young professionals in these times of demographic change, then we must focus on them as people. Family-friendly policies save more money than they cost," explained Marten Eger, managing director of WAL-Betrieb.

Guaranteeing top quality water

WAL is also making people sit up and notice them when it comes to the quality of their drinking water. During this year's World Water Day, which concentrated on the theme "Water and Food Security", Dr Roland Socher, chairman of the local water association praised the high quality of the drinking water supplied by WAL. Whilst recent reports in the media had been highlighting the problem of uranium pollution in drinking water caused by phosphate fertilisers, such problems did not affect the Lausitz Water Association.



The quality of the groundwater in the region has been protected by concluding long-term and sustainable agreements with local farmers greatly limiting the use of fertilisers in water conservation areas.

If the high quality of the drinking water in Germany is to be maintained in the future, too, then it is essential that this vital substance is handled in a responsible way. Environmentally hazardous substances, such as oils, paints, cosmetics and medicines, should, for example, be handed in to hazardous waste collection centres to prevent them getting into the water cycle. Each and every one of us is responsible for contributing towards modern water resources management

Karin Rusch, commercial managing director at WAL-Betrieb, during the "berufundfamilie" certificate presentation ceremony (3rd from left)



Laboratory tests confirm the excellent quality of the drinking water produced by the Tettau waterworks

Poland

Joint initiative for high recycling rates

MEDIA MARKT, SATURN AND REMONDIS COOPERATE IN THE AREA OF WEEE RECYCLING



Systematic customer orientation and a sustainable corporate strategy – these are the main aims of the Media Markt and Saturn stores in Poland, too. In order to ensure that these principles are also being implemented in the best possible way in the area of recycling, the company decided to work together with REMONDIS' Electro-System AG and its take-back system for waste electrical and electronic equipment (WEEE).

REMONDIS®



As their partner, REMONDIS takes over two tasks for Media Markt and Saturn: the collection of the electrical equipment handed back to the stores all across Poland and the professional recycling of these at the company's own WEEE dismantling centres. Electro-System AG has full control of all the different stages involved in this process using a special, innovative online solution that it developed itself. The client is Media Saturn Holding Polska Sp. z o.o., under which both retail chains are united. This holding company currently has 61 electronics stores – a chain of 45 Media Markt and 16 Saturn shops. With such a strong market presence, the company is the leading electronics retailer in Poland and has an influence on the development of the whole of the sector in the country.

Ideal collection and recycling structures

Media Markt and Saturn are well-known for their wide range of products and extensive related services. Their aim was, therefore, to provide a take-back system for old devices that was as customer friendly as possible. Media Saturn Holding chose a system that made it particularly easy for their customers to hand back their old products. Thus, the

stores not only accept waste electrical and electronic equipment handed in directly by their customers, they also offer a service that is unique in Poland: both Media Markt and Saturn collect the WEEE from their customers' when they deliver a newly purchased product. Both methods are free of charge for the customers.

The old pieces of equipment collected from the stores are taken to REMONDIS Electrorecycling's dismantling centres in Błonie, Łódź and Słupsk. All three locations have modern technology for recycling cooling appliances, televisions, monitors and other types of large or small electrical devices. The fact that the company can accept such a wide range of products is an important advantage for the retailer: all of the WEEE it gets back from its customers – irrespective of type and volume – can be recycled by one central partner. Not only REMONDIS' technological expertise is important for this collaboration but also its nationwide network of 35 branches located in all of the country's regions. As part of the cooperation work, they can manage the logistics and act as additional collection points.





Information campaigns included

REMONDIS has been working in the field of WEEE recycling in Poland since 2006 and is now one of the country's leading providers in this sector. Its range of services covers the whole of the supply chain: from collecting and transporting the equipment, to using a wide variety of dismantling and recycling processes, to marketing the recovered materials. Not only manufacturers and retailers rely on the expertise of REMONDIS Electrorecycling Sp. z o.o. but also a large number of local authorities as it is forbidden to throw waste electrical equipment into the household waste bins in Poland.

In order to recover as many pieces of waste electrical and electronic equipment as possible, Media Saturn Holding and REMONDIS have set about informing the public about their service. Together they have developed a campaign calling on the customers to make use of this take-back system. Besides printing posters and brochures, the partners have also put together radio commercials as well as a film that explains why it is so important to recycle old devices. At the end of the day, technological progress is being made so quickly that electrical products are "ageing" at a faster rate with customers wishing to exchange them for new models.

The Media-Saturn Group is Europe's No. 1 electronics retailer. It operates – via its national companies – a network of around 900 stores in 16 countries

REMONDIS North – a reliable partner in north Germany

EXEMPLARY COMMITMENT TOWARDS CONSERVING RESOURCES AND PREVENTING CLIMATE CHANGE



REMONDIS®

The north of Germany is the region covered by REMONDIS GmbH & Co. KG, Melsdorf. Being a regional market leader, it provides its services in all five of the north German states. Its extensive portfolio ranges from water and environmental services to generating energy from waste. In June this year, this successful regional company celebrated 50 years of business.

Looking at the sizes of the areas managed by REMONDIS' regional companies in Germany, REMONDIS North handles the largest of them all

One of REMONDIS North's main targets is to steadily grow its business, in particular by extending its fields of activities. The successful work that it carries out with local authorities, often in the form of public private partnerships (PPP), is also one of the company's strengths. And so REMONDIS North operates joint ventures with a number of councils including the coastal town of Bremerhaven, the district of Pinneberg and the state capital cities of Kiel and Schwerin. "Experience has shown that public private partnerships are an ideal way of combining areas of expertise and achieving ideal results," commented Wolfgang Steen, managing director of REMONDIS North.

The regional showpiece: the MBA Neumünster

A perfect example of the high performance achieved by the north German cooperation models is the mechanical-

biological waste treatment plant in Neumünster (MBA Neumünster). It is internationally recognised as being one of the pioneering businesses in the area of producing substitute fuels from waste and is run by a PPP company, 74 percent of which is owned by the municipal firm SWN Entsorgung GmbH and 26 percent by REMONDIS North. Around 250,000 tonnes of residual waste are delivered to this state-of-the-art facility each year – a quarter of all household and bulky waste generated in the German state of Schleswig-Holstein. Moreover, high calorific fractions are processed here from other MBT plants which do not have their own substitute fuel production facilities.

The MBA Neumünster is one of the most economic and most efficient plants of its kind in Germany. Its success is founded on the close cooperation work with the municipal



Reinforcement in the District of Rotenburg

Oetjen Rohstoffhandel GmbH, a company active in the areas of ELV recycling, the scrap metal trade and municipal services, has been part of the north German REMONDIS group for a year now. The company's regional focus is primarily on the district of Rotenburg (Wümme) where Oetjen is responsible for collecting bulky waste and residual waste as well as old paper and waste sales packaging. Managing director, Arne Oberbeck, commented: "By belonging to REMONDIS, we have been able to create synergies with which we can further develop our range of services. Our aim is to extend our customer base – especially those active in the commercial sector."

power plants in Neumünster and Flensburg as well as on the processes used which have been designed to achieve the best possible levels of energy. The net primary thermal efficiency of the plant in Neumünster lies at over 50 per cent. More than half of the energy content of the residual waste, therefore, can be used to produce district heat and electricity. The climate benefits from this high efficiency rate, too. Every year, the MBA Neumünster cuts carbon emissions by 110,800 tonnes. This contribution towards preventing climate change is also closely connected to the conservation of natural resources: using waste to generate energy clearly helps to reduce the consumption of primary fossil fuels. In addition to this, the facility also recovers 9,500 tonnes of metal each year, 1,000 tonnes of which is aluminium.

During the official celebrations to mark the company's 50 years of business, Dr Jörn Biel, managing director of the Chamber of Commerce and former minister for economic affairs for the state of Schleswig-Holstein, presented an honorary certificate to REMONDIS managing director, Wolfgang Steen, and branch manager, Tim Mütze (from left to right)

Pioneers in recycling

The north is well known for its pioneering nature and initiatives: this REMONDIS regional company originated from the merger of several family-run, medium-sized businesses that had been among the founders of the private waste management sector in Germany. The company joined the REMONDIS Group in 2005 which has led to further growth. Today, 50 years on since its foundation, REMONDIS GmbH & Co. KG Melsdorf is active in 50 locations and has 2,700 employees. The company's future path has already been predetermined: further growth by extending its range of services.

The MBA Neumünster stands out thanks to its cost effectiveness and high energy efficiency levels



Promoting the transition to renewable raw materials

REMONDIS' COMMITMENT DEMONSTRATES THE POTENTIAL OF SECONDARY RAW MATERIALS

Our supplies of natural resources are finite. Even though the legislator is aware of the consequences of the growing scarcity and increased prices of important raw materials, it seems content to set recycling targets that are anything but ambitious. The successful material life cycles already being implemented today show that the so-called "raw material shift", i.e. the transition from fossil to renewable resources, is a goal worth striving for by increasing the use of secondary raw materials.

REMONDIS®

Rising global prices for raw materials and the threat of supplies becoming scarce are forcing people to become creative. As a number of investors have been hoping, Germany is becoming a country that now supplies raw materials: 2.7 million tonnes of crude oil and 15 billion cubic metres of natural gas are currently being pumped from the ground across the country under increasingly more difficult conditions. Looking at the global picture, the efforts being undertaken to supply such very small amounts prove just one thing: the idea of substituting the soon to be depleted primary raw materials with the intelligent use of secondary raw materials is more topical than ever. This has also been confirmed by the results of the latest report published by the German Advisory Council on the Environment.

Sustainable economics for responsible growth

The conclusion reached by the Federal Government's group of experts is far-reaching: economic growth must be decoupled from the consumption of natural and non-renewable resources in Germany as well. The efficient consumption of raw materials will become a key competitive factor as far as national economies are concerned – and new solutions are needed.

Today, REMONDIS already carries out closed-loop recycling both in Germany and abroad helping to conserve natural resources as well as protect the environment and prevent climate change. With its modern recycling facilities and innovative technologies, this water and environmental

REMONDIS takes on and fulfils its ecological, economical and social responsibilities



Ambition and innovation: REMONDIS plans and builds power plants that generate electricity and heat from residual materials

Around 15 percent of the raw materials currently used in Germany come from modern recycling processes. If Germany is to maintain its position as a sustainable industrial location – both from point of view of economics and the environment – then the percentage of secondary raw materials used in production processes must be increased considerably.



services company is a specialist when it comes to producing high quality secondary raw materials. Last year alone, the industrial customers of this Lünen-based, family-run firm purchased over 20 million tonnes of recycled materials such as paper, glass, plastics and metal. Overall, REMONDIS not only plays an important role in the area of resource conservation but also in ensuring there is a guaranteed supply of materials.

Material cycles are here and now

Each year, REMONDIS returns around 7.5 million tonnes of recycled materials to production cycles in the area of metal recycling alone – and by doing so reduces the need for the energy-intensive production of metals based on primary raw materials. The high calorific substitute fuels produced by the company's facilities lower the need for energy based on non-renewable raw materials. Three million tonnes of residual mineral materials are returned to construction sites as high quality recycled products thanks to REMONDIS. Just three examples of many that prove that the potential of comprehensive recycling processes is already being implemented here and now.

Compared to other countries, Germany is still the global leader when it comes to recycling rates. REMONDIS, however, believes that the targets laid down in the new German Closed Substance Cycle and Waste Management Act do not do justice to this leading role. These targets fall short of what could and should be achieved. And all this despite the fact that the potential economic advantages of making it obligatory to recycle all suitable residual materials are impressive: if all recyclable waste generated in Germany were to be recycled, the volumes of primary raw materials needed would be reduced each year by 90 billion euros. Moreover, substituting primary raw materials with secondary raw materials would sustainably reduce energy consumption and CO₂ emissions.

If global prosperity is to sustainably increase then natural resources must be protected and climate change prevented

Secondary raw materials worth 20 billion euros will be available in Germany in 2015. This figure will increase considerably over the long term



Surface technology

Protecting the surface of new frigates

XERVON TO TREAT AND COAT STEEL FOR FOUR NEW FRIGATES

XERVON®

The ARGE F125 working group, consisting of ThyssenKrupp Marine Systems and the Friedrich Lürssen shipyard, has called on the expertise of XERVON to provide corrosion protection for the new F125 frigates it has been commissioned to build on behalf of the German Navy. XERVON's Hamburg offices have received a contract to join the team with the brief to help plan and carry out surface preparation and coating work on the four new frigates.

The project will be a logistical challenge with construction work being carried out at three shipyards at the same time – a challenge the XERVON experts will master with confidence

For many years now, XERVON has been active on site at the Blohm + Voss shipyard where it has its own halls and extensive storage facilities assisting in projects to repair or build ships. No matter whether it involves frigates, corvettes or luxury yachts – these corrosion and scaffolding specialists have worked on many types of vessels currently sailing the oceans. The project to build four new frigates for the German Navy will mean that a total of around 80,000 square metres of steel – per ship – need to be pre-treated and coated.

The special challenge that the company will have to face during this project is not the high quality standards that the navy is demanding from them. According to Peter Zubrod, a manager for the north German region, "it goes without saying" that they will fulfil such standards as achieving such quality is "what we do every day". It will be, above all, the logistics that will pose the most difficulties for the experts during this project. The reason for this is because the frigates are to be built at the same time at three different shipyards:

at Blohm + Voss Shipyards in Hamburg, at the Friedrich Lürssen shipyard in Lemwerder as well as at P+S in Wolgast. XERVON will have to be present at all three locations with a sufficient number of employees and sufficient volumes of equipment and materials to carry out the work whenever they are needed. The production schedule is the same for all four frigates: the individual sections of the ships will be made during the first construction phase and then assembled in the building dock during the second phase. The final stage of the project will then involve adding the superstructures and fixtures as well as installing the marine equipment.

Hand in hand: scaffolding & corrosion protection

The XERVON specialists will be involved in all three construction phases. During the first phase, which will last around twelve months per frigate, corrosion protection work will be carried out in XERVON's own blasting hall located on the grounds of the Blohm + Voss shipyard in Hamburg. The individual frigate sections and modules will be delivered

The F125 frigate – areas of operation & technical details



The F125 is the latest generation of frigates in the German Navy. The ships will be used for a variety of missions ranging from national and alliance defence, to peace-keeping and humanitarian rescue missions, to fighting terrorism. As a result of having the F125 at its disposal, the German Navy will be able to take part in long-term, multi-national assignments all around the globe to carry out conflict prevention work.

The F125 frigates are 149 metres long and 18 metres wide. They can reach a maximum speed of 26 knots and displace around 7,000 tonnes of water. The ship has a main crew consisting of approx. 120 people and this can be extended to a maximum 190 people. In order to enable the ships to be used as intensively as possible, a two-crew concept is to be used on the F125 by the German Navy for the first time in its history. By doing so, the ships can be deployed



to the hall and then processed there – which will be a great spectacle considering the sizes of the actual pieces. The largest section that will be delivered to Hamburg will be, for example, approx. 19 metres wide, 24 metres deep and 11 metres high. In order to ensure that the corrosion specialists can reach the whole surface, the individual parts will first be surrounded by scaffolding. This work will be carried out by their colleagues from XERVON's scaffolding division which is also located at the shipyard. Once this has been completed, the modules and sections will undergo the scheduled treatment under strict quality control. Completely different types of corrosion protection systems with precisely defined properties will be applied depending on the requirements of the surface being treated. Whilst epoxy resin material will primarily be used, polyurethane and special coats will also be applied as well as, for example, anti-fouling systems. In order to ensure that the anti-corrosion systems protect the surfaces for as long a time as possible, the steel surfaces will first be carefully prepared before being coated, i.e. they will be blasted and cleaned. This preparation work is not only carried out to remove any un-

wanted materials. It also ensures that the surfaces have the exact, predefined degree of roughness needed for the coats to be applied. Once the sections have been protected against corrosion, they will be taken to the building dock, where the ships will be assembled and the final construction work carried out. This is the point when the corrosion specialists must pack their mobile equipment and relocate to the building dock together with any machinery they will need. Working closely together with the other teams involved in building the ships, they will then carry out their coating work on the frigates as they are gradually put together.

Each frigate section will undergo special, precisely defined surface treatment

The new F125 frigate

The contractor for the four F125 frigates is the ARGE F125, made up of TKMS (ThyssenKrupp Marine Systems) and Lürssen. TKMS has commissioned Blohm + Voss Naval to carry out the construction work as subcontractor. Blohm + Voss Shipyards has, in turn, concluded a subcontractor agreement to build the ships.

non-stop for up to 24 months. By way of comparison: a 124 frigate must return to home base after nine months. This frigate programme for the German Navy further emphasises the excellent global standing of the German naval shipbuilding sector and its auxiliary industries. Such projects help to further strengthen the key national competences in the naval shipbuilding sector as well as to secure jobs in Germany.

149 metres long

18 metres wide

26 knots at top speed

120 people in the main crew



Buchen's automated, remote-controlled cleaning system can be used for a wide variety of tasks

Environmental services

Major tank cleaning project in Russia

BUCHEN GROUP STABILISES ITS INTERNATIONAL GROWTH



Since April this year, the tank cleaning team from Buchen Tank- and TurnaroundService GmbH has already travelled twice to its customer, Caspian Pipeline Consortium Russia, to clean three large tanks there using its fully automated tank cleaning equipment. The Buchen Group's tank cleaning specialists are also being assisted by Buchen Industrial Services OOO from Ufa during this project. This task had been preceded by a previous assignment where the company had been commissioned to clean one large tank at the same site. This work was successfully concluded at the end of last year.



The Buchen Group, a REMONDIS subsidiary, is one of the leading providers of industrial services in Germany

"Caspian Pipeline Consortium Russia" (CPC-R) owns a 1,510km pipeline that has been in operation since 2001. This pipeline system, which runs from Tengiz, an oilfield in western Kazakhstan, to Novorossiysk on the Black Sea in Russia, has a throughput capacity of around 30 million tonnes of oil a year.

Two artificial tank farms have been built at the marine terminal in Novorossiysk from which up to 300,000 tonnes of oil can be loaded onto ships. CPC-R's tank farm consists

of four large floating-roof tanks each with a volume of 100,000 cubic metres, a diameter of 96 metres and a height of 18 metres. These state-of-the-art tanks have been in operation since 2002 and meet all international standards. One of the prerequisites for Buchen to be awarded the contract to clean the first tank was for it to have its own company in Russia. The specialists from Buchen Industrial Services OOO in Ufa played an important role both before and during the project.

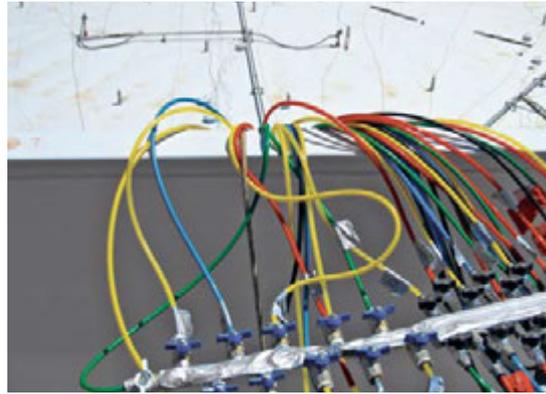
1,510 kilometre pipeline

30,000,000 tonnes of oil a year throughput capacity

Buchen Tank- and TurnaroundService GmbH's know-how and technology were, however, both required for the first and most important phase of the project. The company used its enclosed, automated tank cleaning system which was delivered to the site in Novorossiysk on time despite the relatively short period between being awarded the contract in autumn 2010 and beginning the work in the middle of March 2011. It took from the middle of May to the beginning of September 2011 to clean the huge tank using Buchen's automated tank cleaning system and, because of the size of the tank, the latest generation of washer nozzles were used as they are particularly effective. This was the first time that a tank of this size had ever been cleaned in Russia using the enclosed, automated tank cleaning system. Approx 16,000 cubic metres of oil sludge was turned into liquid by the washing process and then removed from the tank – the customer had been expecting only 5,000 cubic metres. The liquid sludge was pumped into tankers which could only take a maximum 1,500 cubic metres of crude oil on board each time due to their extremely short lay time. The ensuing fine cleaning work was carried out by the employees from Buchen's Russian branch in Ufa and completed by the beginning of November 2011.

Further projects thanks to satisfied customers

Approx. 2,400 cubic metres of residual sludge remained in the tank for the fine cleaning stage which then had to



The control air tubes used to control the jet washer installed in the tank

be removed and sent for disposal. As a special coating had been applied to protect the tank's interior walls, Buchen used the Spiderjet, an innovative machine for cleaning surfaces, to ensure the interior of the tank could be cleaned without damaging the coating. Furthermore, Buchen's Russian colleagues also cleaned almost 150 metres of pipes. As the cleaning system had been blocked for many years and needed to be replaced, the company was also commissioned with the task of carrying out the cold cutting work. Once this had been completed, the tank was inspected by the customer who was completely satisfied with the result commenting that they had never seen such a clean tank. As a result, Buchen has been commissioned with three more projects this year which are expected to last well into 2013.

The Spiderjet machine was used to clean the inner surface of the tank



Buchen's automated tank cleaning system at the floating-roof tank it was commissioned to clean at the Novorossiysk tank farm

A strong team



REMONDIS UK AND PDM-SARIA COMBINE THEIR STRENGTHS

As was shown quite clearly during the recent EURO 2012 football championships, the key to achieving one's goals is having a team that works well together. REMONDIS UK and PDM-SARIA have embraced this principle and intensified their collaboration work to further improve their waste management services – to the benefit of both their customers and the environment.



The story began back at the beginning of this year. Following SARIA's takeover of a 51 % share in the Prosper De Mulder Group (PDM), REMONDIS began to think of ways of synchronising PDM and REMONDIS' business interests in order to create synergies.

For 85 years now, PDM has been running a successful business in the United Kingdom active in the area of animal by-product processing to produce meat and bone meal as well as in the anaerobic digestion of food waste. As a result of these two core activities, the company is able to produce, among other things, 8.8 megawatts of electricity which is fed into the UK's national grid.

REMONDIS UK has been active on the British Isles recycling hazardous waste for 15 years and is now one of the leading companies in this market segment. REMONDIS' British subsidiary supplies various REMONDIS plants on the European mainland with over 8,000 tonnes of hazardous waste which is then used to produce energy or mixed fuels. In addition

to this, it handles a good 6 tonnes of sludge, chippings, amalgam and film materials from the photo industry, dental laboratories and the printing industry from which it recovers precious metals and around 300 tonnes of aluminium. PDM and REMONDIS UK are, therefore, two experienced teams who – up to now – have been playing in different leagues. The challenge has been to create one team involving both sets of players. To be able to do this, each team had to fully understand the needs and requirements of the other. Lee Collins, a project manager at REMONDIS UK, and Pat Walker, a sales manager at PDM, drew up a cooperation protocol to this effect setting out the framework conditions for a successful collaboration between the two teams which would benefit their customers and be in the interest of the two parent companies, SARIA and REMONDIS Industrie Service.

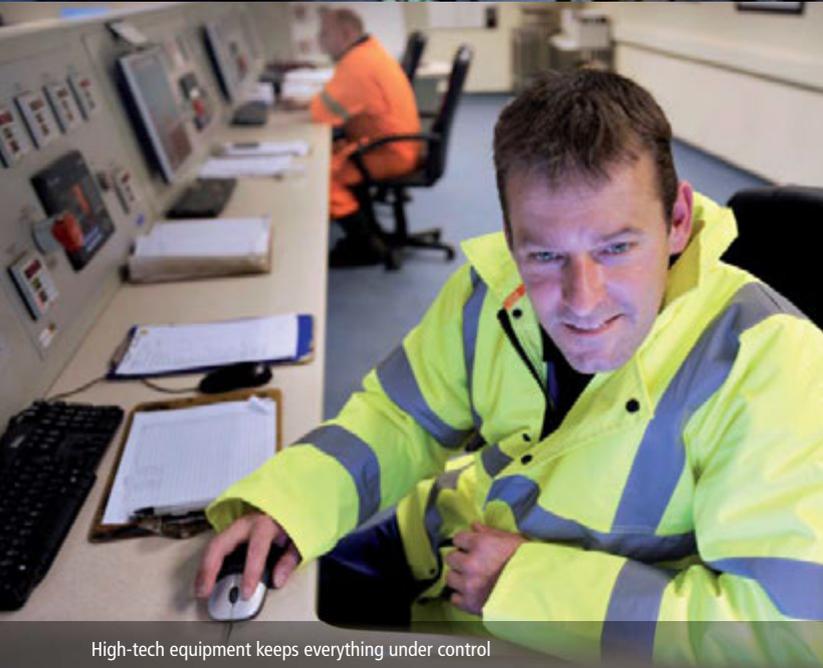
PDM's plant in Widnes in the north English county of Cheshire operates two fluidized-bed power plants primarily for the disposal of animal waste produced at the site. For the plant to operate efficiently, the moisture content of the meat/bone meal must be increased from 5 % to 50 %. Previously, PDM had been able to rely on a group of customers to supply the special liquids needed to do this. Recent changes to market conditions, however, has meant that there has been a shortage in liquids available to them.

Having analysed the situation, REMONDIS UK was able to use both its expertise and its comprehensive knowledge of the UK waste market to find suitable producers to supply sufficient quantities of liquid.

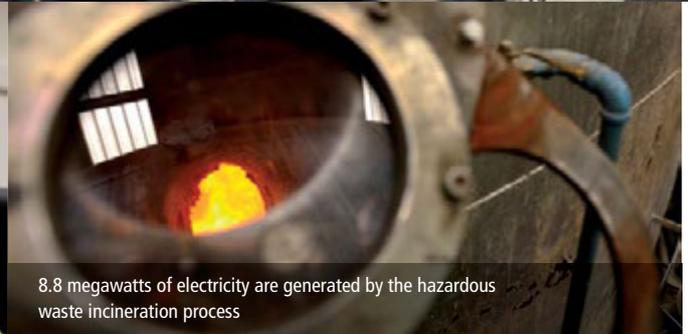
REMONDIS UK has been recycling hazardous waste in Great Britain for 15 years

Pat Walker (left), a sales manager at PDM, and Lee Collins, a project manager at REMONDIS UK, drew up the cooperation protocol





High-tech equipment keeps everything under control



8.8 megawatts of electricity are generated by the hazardous waste incineration process



The collected food waste is recycled in the anaerobic digestion system

It was important here that the liquid material fulfilled the plants' strict quality standards. Using the cooperation protocol as their basis, the understanding between the two teams at REMONDIS UK and PDM has gradually developed into a highly successful collaboration. Further projects are now being planned at other PDM sites in Great Britain. REMONDIS UK and PDM SARIA's joint team is looking to continue this successful cooperation work in the future, too. This aim will be further helped by the opening of REMONDIS UK's new waste treatment centre which is due to start operations in January 2013.

"In order to create a team, we drew up a cooperation protocol which sets out the framework conditions for a successful collaboration between REMONDIS and PDM-SARIA. Together we are stronger."

Lee Collins, project manager at REMONDIS UK

Biogas production

Climate-friendly energy from garden and kitchen waste

DIGESTION PLANTS OPEN UP NEW SUSTAINABLE ADVANTAGES

The contents of household biowaste bins are the basis for high quality compost – as well as for generating electricity and heat. However, to be able to produce such resource-friendly energy, it is necessary to have both the relevant know-how and experience as well as the appropriate plants and processes. In order to make the most of this energy potential and to ensure it is generated as efficiently as possible, an ever increasing number of local authorities are cooperating with REMONDIS in this area.

Producing biogas from organic waste to generate electricity and heat – this is also the goal of the district of Trittau, a region near Hamburg. To achieve this, the composting plant in the 'Technology Park' there is being extended to include a state-of-the-art digestion plant. The company responsible for building the new biogas plant is Abfall-Wirtschaftszentrum Trittau (AWT), a joint venture owned by REMONDIS and the north German environmental service group Buhck.

with a joint capacity of 800 kilowatts will run on the biogas produced by the digestion process. This means that – assuming regular operations and subtracting the plant's own requirements – the power plants will be able to generate approximately 3 million kilowatt hours of electricity each year which will be fed into the national grid. The heat produced, which will amount to around 2 million kilowatt hours a year, will be supplied to the local businesses in the



For a good 14 years now, AWT has been transforming garden and kitchen waste from the districts of Stormarn and Herzogtum Lauenburg into high quality compost on behalf of the municipal waste management company Abfallwirtschaft Südholstein (AWSH).

industrial estate. The biogas, therefore, will be making an important contribution towards conserving natural resources as well as towards covering the growing energy requirements of private households and industrial businesses.



Double advantages

Two years ago, the political bodies responsible for the two districts decided to extend the recycling of its biowaste to include the generation of energy. By doing so, they are looking to follow the political target of using more regenerative energy. The plan now is for the biowaste not to be used exclusively for producing compost but also for generating energy. A Europe-wide tender was issued by Abfallwirtschaft Südholstein for this eco-friendly method of recycling biowaste. AWT took part in the tender and was awarded the contract. Around 5 million euros will be invested in the conversion of the composting plant. This money will not only be used to build the digestion plant – the current composting facilities will also be converted and fully integrated into the future system. Furthermore, AWT will be extending the plant's annual capacity from the current 17,000 tonnes to around 30,000 tonnes.

New energy for the regions

The residue left over from the digestion process will be separated into liquid and solid fractions for further processing. The solid material can be processed into compost in the composting plant; the liquid fraction will be used to produce high quality fertiliser for the agricultural sector. The products made from the materials will, therefore, continue to be used by regional agricultural businesses, by organic farms and by professional and hobby gardeners. Holger Pfau, managing director of AWT Abfall-Wirtschaftszentrum Trittau GmbH & Co. KG, commented: "Besides this new core area of generating energy from waste, priority is still being put on producing top quality products for which we expect demand to increase. We are really pleased to have been awarded this project as it means we shall continue our long-standing cooperation work with AWSH which in turn will help to secure the jobs of our AWT employees."

More and more local authorities are using their composting activities to help them achieve their ambitious goal of preventing climate change

The digestion plant, which has been built as a fully enclosed structure, will be operated using internationally well-known technology that REMONDIS has been using at other locations for many years. Two combined heat and power plants

Reliable energy: no matter what the weather, electricity and heat can be generated from biowaste 365 days a year.



The road surface containing tar is removed as road planings



The broken-up material after it has been mechanically treated

Environmental services

New roads free of tar pitch

REMEX MINERALSTOFF GMBH AWARDED A TEN-YEAR CONTRACT



For many years, it was standard practice in Hamburg to process road construction waste and then reuse it to build new streets. This was a practicable way of recycling the material and one which fulfilled the goal of sustainability promoted by the Closed Substance Cycle and Waste Management Act. Nowadays, however, such waste is looked at differently as it contains polycyclic aromatic hydrocarbons (PAH). The recycling method used, therefore, had to be adapted to modern conditions. What was to be done with the waste? Since 01 January 2012, all road construction waste containing coal tar and bitumen from the Hamburg streets has been sent for thermal recycling. REMONDIS' subsidiary, REMEX Mineralstoff GmbH, has been awarded a ten-year contract by the Free and Hanseatic City of Hamburg to carry out this work. Yet another example of good cooperation work between local authorities and private sector waste management businesses.

Hamburg has a 4,000km network of trunk roads and city streets and they all require regular maintenance work. This is also true for the many thousands of kilometres of pipes operated by utility companies. The result: approx. 25,000 roadworks on Hamburg's streets each year, around 3,000 of which are on the city's 550km network of trunk roads. Up until the 70s, road-building companies in Hamburg used tar as a binder which has now been classified as a substance that is hazardous to health – primarily because of its PAH components. It has been estimated that the road

network in Germany contains around 1,000 million tonnes of material containing coal tar and bitumen. This means there is approx. 100,000 tonnes of PAH still in the roads. When companies carry out road construction and maintenance work, therefore, they can expect to generate road construction waste that must be sent for special treatment. In Hamburg, this figure lies at about 21,000 tonnes a year, several thousand tonnes of which is generated by companies having to dig up roads to carry out work on mains or pipes.



“People in Hamburg have already heard about REMEX' new method of recycling road construction waste containing coal tar. As a result, we have already concluded several contracts with well-known utility companies and telecommunications providers this year so that REMEX is now responsible for recycling their road construction waste, too.” Torsten Kurth, branch manager of REMEX Mineralstoff Hamburg



Major roadworks on the A1 motorway in Hamburg: up to 4,000 tonnes of road construction waste containing coal tar is sent for recycling each day

The previous recycling method

The fact that the decision was made early on in Hamburg not to send mineral waste, i.e. road construction waste, to landfill but to recycle it can be put down to two main reasons: on the one hand the city did not have a large landfill capacity and, on the other, Hamburg has a long tradition of recycling construction materials and using substitute building materials. A ten-year contract was concluded with a working group consisting of road construction companies and mixing plants for the first time in 1994 which covered the acceptance and processing of road construction waste. Having taken the waste, the companies first had to separate the materials into two groups: those containing and those not containing coal tar and bitumen. Whilst the latter, after having been inspected, was sent to hot mixing plants to make asphalt, materials containing coal tar from roadworks and digging work were processed to be used as a cement bound material in central mixing processes.

What were the reasons, therefore, for looking for new recycling methods? The main reason was the realisation that the method being used was not one for the future. Whilst in all probability, the original material was not posing a risk by being used as a cement bound material or in asphalt, the fact remained that this problematic substance was still being used. Sections of roads, in which the substance is used, have to be specially registered and, as a result, must be monitored "forever". Moreover, each time coal tar material is dug up, processed and re-used, its volume is increased by approx. 10% to 15%.

Thermal treatment as the new recycling method

A study commissioned by the agency responsible for transport and roads in Hamburg came to the conclusion that the previous recycling method should be abandoned for both

ecological and legal reasons and that the preferred method for the future should be thermal recycling. The reason behind this is that once the PAH have been destroyed thermally the residual aggregate can be returned to production cycles as a valuable raw material. The new recycling and disposal method was finally determined following a lengthy tender process with REMEX being awarded the contract for the next ten years. By developing such innovative solutions, REMEX has become one of the leading specialists for comprehensive services involving the collection and processing of mineral waste as well as the supply of recycled mineral construction materials.

As far as the details are concerned, this new recycling method will mean that road construction waste containing coal tar and bitumen will now be sent to the centrally located temporary storage facility / treatment plant in Hamburg operated by REMEX' cooperation partner in Hamburg, ETH Umwelttechnik GmbH. Once the material has been inspected and broken up, it will be sent by canal boat to the Netherlands for thermal treatment during which it will be thermally recycled. The aim of this thermal treatment of the contaminated asphalt is to return the mineral components to production cycles as secondary construction materials. The cleaned minerals will be sent for further processing, above all to asphalt mixing plants. As a result, the new recycling process is a safe and eco-friendly method that will play an important role in helping to conserve natural resources.

Christoph Schröder, an engineer at the Office for Economic Affairs, Transport and Innovations at the City of Hamburg: "REMEX is a high performance partner that, thanks to its strong concept, can give us a long-term guarantee that road construction waste containing coal tar and bitumen will be sent for high quality recycling."

News in brief

Thailand's Prime Minister learns more about REMONDIS

Prime Minister Yingluck Shinawatra and Ms Ye, a project manager at REMONDIS China



This year, Thailand and Germany are celebrating 150 years of German-Thai diplomatic relations. To mark the occasion, the Thai Prime Minister, Yingluck Shinawatra, travelled to Germany on 18.07.2012, the first such visit for 17 years. A meeting had been arranged during her visit to hold German-Thai business talks with a group of distinguished guests at the 'Haus der Deutschen Wirtschaft' in Berlin and the Prime

Minister made use of this opportunity to talk to Michelle Zi Ye, a project manager at REMONDIS China, a REMONDIS International company, to learn more about the firm and its Asian activities.

The German-Thai Chamber of Commerce is celebrating its own milestone this year: namely 50 years of business. 600 German companies already work in Thailand. Imports from Germany rose by 16 percent to 5.4 billion US dollars in 2011, whilst Thai exports also grew by 14 percent to 3.8 billion US dollars during the same period. There is a promising future for the water and environmental service sectors in Thailand. Over the last few years, Thailand has been focusing more and more on recycling and waste management. REMONDIS' sister company RHENUS offers its services in Thailand where it has a central office in Bangkok.

News in brief

REMONDIS guardian angel saves three lives

Volker Neils, a driver at REMONDIS, saved three lives



Considering the circumstances, three people were extremely lucky after they had a traffic accident on the B 402 trunk road in the north German district of Emsland on the morning of 06 August. The 61-year-old driver and his two work colleagues, aged 21 and 24, were travelling along the road in a VW van at around 6 a.m. when, for some unknown reason,

the vehicle skidded off the road. The van crashed into a tree and then ended up in a ditch at the side of the road. All three were trapped in the vehicle and badly injured and then, to make things even worse, the van immediately caught fire. This dangerous situation could easily have been fatal for all three if Volker Neils had not turned up at just the right moment. The REMONDIS driver happened to be passing the scene of the accident in his truck just a few seconds later. He immediately stopped his vehicle and went to help the three men by taking the fire extinguisher from his truck, putting out the fire and calling the emergency services. Fire fighters were then able to get the driver and his two passengers out of the van which was a total write-off. All three were taken by ambulance to hospitals close by and will all recover from the accident without any permanent injuries thanks to the REMONDIS guardian angel, Volker Neils.

LSB presents the 'Berlin Sports' Environmental Award' with the help of REMONDIS and BSR

The first ever 'UMWELTPREIS DES BERLINER SPORTS' (Berlin Sports' Environmental Award) was presented to the winners in the presence of the Mayor of Berlin, Klaus Wowereit, at Berlin Town Hall on 19 June. With this award which was supported by REMONDIS and Berliner Stadtreinigung (BSR), the LSB (the sports association for the state of Berlin) is showing its recognition of the growing commitment of many sports clubs to find ways of protecting the environment and using natural resources responsibly.

29 projects and concepts involving the subjects of waste management, energy efficiency, water protection and urban landscaping had been submitted between November 2011 and March 2012. Eight Berlin clubs were presented with the award as well as with prize money amounting to 20,000 euros which was shared among them. A special prize was also awarded to two other clubs. A number of criteria was taken into account when selecting the winners such as their contribution towards protecting the environment, sustainability, the originality of their measures, the number of personnel and amount of time dedicated to the project as well as public impact. The winners were selected by a jury made up of REMONDIS managing director Bernd Fleschenberg, BSR's board chairperson Vera Gäde-Butzlaff, the Olympian gold medallist swimmer Britta Steffen, LSB President Klaus



Böger, LSB Vice Presidents Wolf-Dieter Wolf and Uwe Hammer as well as the managing director of BUND's branch for the state of Berlin Andreas Jarfe. Bernd Fleschenberg, a managing director at REMONDIS GmbH & Co. KG, commented on the positive response of the sports clubs, saying: "We have been really pleased by the way the Berlin sports clubs have reacted to the Environmental Award. A large number of really good ideas have been submitted and all winners were fully deserving of their prizes. We particularly wanted to support grassroots sports and we hope that we have been able to help those active in sports clubs with our joint initiative."

REMONDIS backs voluntary family support workers

The beginning of the year marked the start of the sixth training course held at the VHS adult education centre for those wishing to become a voluntary family support worker in the 'Gesunde Kinder' (healthy children) network in the German city of Brandenburg an der Havel. The course consists of 46 hours of lessons in which the support workers learn how to help families in the areas of health, diet, medical care, accommodation and general everyday family life. Bernd Fleschenberg, a managing director at REMONDIS GmbH & Co. KG, donated a cheque for 2,000 euros to support the

network. 106 families with a total of 125 children are currently being helped by the 'Gesunde Kinder' network in Brandenburg an der Havel. The next training course has already been planned together with the VHS and is due to begin on 19.09.2012.

The six new voluntary family support workers received their certificate from the Mayor, Dr Dietlind Tiemann, and Gabriele Wolter, managing director of the city's hospital, as well as from Andrea Schumacher, the network's coordinator.



Bright prospects: water and recycling are the branches of the future

THE RETHMANN GROUP once again increases its apprentice intake

Is the demographic change leading to a lack of specialist staff? Not at REMONDIS! Nowadays, everyone is talking about sustainability, efficiency and resource conservation with the result that the water, recycling and logistics branches are gaining in popularity – especially among young people. A fact reflected by the number of apprentices who started work at the RETHMANN Group this year – a number which has, once again, increased compared to previous years. With this year's intake of apprentices at REMONDIS and its sister companies, Rhenus and SARIA, exceeding 680, the overall number of apprentices in the company group now lies at 1,914.



Mara Bontrup
Apprenticeship course: Industrial clerk with a BA degree



Vanessa Hartmann
Apprenticeship course: Industrial clerk with a BA degree



Pia Nobel
Apprenticeship course: Industrial clerk



Daniel Zima
Apprenticeship course: Chemical laboratory technician



Christoph Holtmeier
Apprenticeship course: Industrial clerk



Jan Uwe Ketels
Apprenticeship course: Industrial clerk with a BA degree

As their school lives draw to an end, many young people look to the future with both pleasure and trepidation. This period in their lives is often a time of uncertainty and doubt as the choice they need to make concerning their future career and employer is one that involves long-term decisions. What profession will increase my chances on the job market? Which branch will open up the best career prospects? Which company offers the best career opportunities? These are just a few of the questions that young people have to ask themselves before they start applying for apprenticeship jobs. Thanks to the fact that REMONDIS is future-oriented, eco-friendly, sustainable, efficient and international, many young people are attracted to the company with the result that 321 young professionals began at REMONDIS in Germany alone this summer to be trained in one of the 20 professions taught by the company.

EURAWASSER: a "TOP training company" for the fourth time

REMONDIS believes that the strength of its company is reflected in the strength of its employees. For this reason, it provides high quality apprenticeship courses to ensure it has high quality employees in the future, too. At REMONDIS, apprentices are not required to make coffee or work on boring projects but must carry out a whole range of interesting tasks and take over responsibility within the area they are working in. Thanks to this philosophy, EURAWASSER Nord, a REMONDIS subsidiary, has been presented with a 2012 "TOP Training Company" Award from the Rostock Chamber of Commerce for the fourth time. In order to further push forward its efforts to find apprentices, REMONDIS is taking part in the "Night of Training in Lünen" which is being held for the first time this year. During the event, REMONDIS and four other local training companies will be offering schoolchildren the opportunity to visit their businesses and learn more about the variety and future prospects of the apprenticeship courses on offer.

> Impressions



◀ Bernd Fleschenberg, a managing director at REMONDIS, and the BSR Board Chairperson Vera Gäde-Butzlauff on the stage during the presentation of the 'Berlin Sports' Environmental Award'



▲ Norbert Rethmann, Honorary Chairman of the Supervisory Board of the RETHMANN Group, together with Dr Klaus von Dohnanyi, former First Mayor of the Free and Hanseatic City of Hamburg and former Federal minister of education and sciences, at the REMONDIS-EURAWASSER-Forum in Schwerin

◀ The President of the Federal Environmental Agency, Jochen Flasbarth, together with Gerhard Jokic, managing director of REMONDIS Electrorecycling, during a visit to the Lippe Plant



▲ Andreas Bankamp, managing director of REMONDIS Aqua, holding the opening speech at the REMONDIS EURAWASSER Forum in Rostock



▶ Christoph Bardenhewer, REMONDIS Plano, cycled 1,500 kilometres across Europe with the REMONDIS logo on his chest



▲ Mario Löhr (centre), Major of the City of Selm, visited the Rostock waterworks during the REMONDIS-EURAWASSER-Forum



▶ The group of runners from REMONDIS' branch in Berlin who took part in the Berlin half marathon



2012



2013



2014



2015



2017



2018



2019



2020



2021



2022



2023



2024



2025



2026



2027

**2028?**

No Indium – No Computer Screens

Modern screens are not possible without indium and many other future technologies also need this high-tech material. And yet at the current rate of consumption, the economically viable reserves will have run out in 16 years' time. New ideas are needed to guarantee stable future supplies. REMONDIS is researching indium recycling methods. The highest levels of quality, worldwide. For a secure future. **German Qualität.**

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