



# Voices for EMAS

*Innovative. Sustainable. Environmentally Aware.*

An Internet Campaign for the European Eco-Management and Audit Scheme

This brochure is a translation of the German publication “Wir für EMAS. Innovativ. Nachhaltig. Umweltbewusst. Eine Internetkampagne für das europäische Umweltmanagement- und Audit-System”. It presents the statements and shortened contributions made by participants in the Internet campaign of the same title. The full original texts (in German only) are available from the publisher.

The contributions presented here do not necessarily represent the views of the publisher. The Environmental Verification Committee (Umweltgutachterausschuss) and its Office accept no liability for the accuracy of data taken from the EMAS register or appearing in the statements and texts.

We would like to take this opportunity to thank the participants for their contributions. Many of them have implemented EMAS in their own businesses and present their experiences here as examples. Participants in EMAS are highlighted by means of the EMAS logo. All participants in the European Eco-Management and Audit Scheme can be found in the electronic register which is updated daily by the various Chambers of Industry and Commerce and the Chambers of Small Industries and Skilled Trades  
[www.emas-register.de](http://www.emas-register.de)

More information on EMAS is available at: [www.emas.de](http://www.emas.de)  
email: [info@uga.de](mailto:info@uga.de)

## Impressum

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## The “Voices for EMAS” campaign

[www.wir-fuer-emas.de](http://www.wir-fuer-emas.de)



Dr Michael Schemmer, Chair of the Environmental Verification Committee at the German Federal Ministry for the Environment, Nature Conservation and Nuclear Safety (2005-2007)

► “Innovative, sustainable and environmentally aware” is an excellent description of the businesses, government agencies and other organisations which participate voluntarily in the Eco-Management and Audit Scheme EMAS. Members of the scheme systematically examine the impact of their activities, products and services on the environment. They improve the environmental situation by employing EMAS and produce an environmental statement at least every three years. They also undergo a neutral periodic audit carried out by an accredited environmental verifier. Many organisations claim to act in an environmentally compatible way;

however, only EMAS ensures a transparent, independent and government-monitored audit – something that many less committed organisations are unwilling to undergo.

In the Internet-based promotional campaign “Voices for EMAS”, prominent spokespeople from the business community and society in general lend their voices to support this instrument of European environmental policy. EMAS helps to put the environment and sustainability firmly on the agenda of business executives. It supports them in taking responsibility for the environment. The requirement to make continuous improvements in environmental protection makes EMAS a motor for innovation. The voluntary systematic audit shows the way forward for sustainable business activity in Germany. It also helps to ensure a liveable future for coming generations and creates incentives for protecting the environment and creating jobs in Germany and Europe.

In the summer of 2007, the “Voices for EMAS” campaign brought together for the first time influential voices and well-known faces from across Germany to campaign for more voluntary corporate environmental

protection. They give us their answers to questions such as: What is it that makes EMAS attractive to companies? What are the advantages for small businesses in particular? Who has a stake in corporate or product improvements? From September 2007 onwards top managers from leading businesses and institutions with outstanding environmental management systems have added their voices to the campaign.

As Chair of the Environmental Verification Committee (UGA) at the Federal Ministry for the Environment, Nature Conservation and Nuclear Safety – and as a employee of one of the first EMAS-certified businesses – I am delighted that this Internet campaign has received such widespread attention and support. Since 2002, UGA has been responsible for promoting the dissemination of

EMAS, among its other responsibilities. The campaign, designed by the Committee and run by the UGA Office, aims to encourage industry and other organisations to continue their dedicated voluntary environmental management.

More information on EMAS and environmental statements, plus contact details and current news items are available at [www.emas.de](http://www.emas.de). Many environmental statements by the businesses and organisations included in this brochure are also available directly via this website.

All the businesses and organisations registered with EMAS are listed in the electronic register of the DIHK located at [www.emas-register.de](http://www.emas-register.de)



On-line from July 2007 until early 2008: the Internet campaign “Voices for EMAS”

## Statements by campaign participants

### EMAS in environmental and economic policy



**Sigmar Gabriel**, Federal Minister for the Environment, Nature Conservation and Nuclear Safety

*“Our goal is to develop German environmental policy continuously in the light of national, European and global challenges in environmental protection. EMAS, as the highest-quality environmental management system available on the*

*market, helps us to improve our environmental performance in every respect.”*



The Federal Environment Ministry's Bonn site is registered with EMAS.

► The Federal Ministry for the Environment, Nature Conservation and Nuclear Safety employs approximately 800 staff in total,

620 of them at its Bonn headquarters. The Bonn site was first audited by an independent environmental verifier and listed in the European EMAS register in 2006. After one year of EMAS, it became clear that systematic in-house environmental protection has also helped us to realise significant cost savings.

Key environmental issues where action is needed are our electricity consumption, emissions from the transport fleet, business trips and our use of heating energy. We have identified these areas as prioritized areas for action. For example, we will be gradually replacing nearly 4,000 light fixtures with energy-saving T5 lamps. This will deliver energy savings of approximately 86,000 kWh/year and cost savings of an estimated EUR 10,300 per year. Within the framework of our waste management system, we draw up an annual waste balance. Although this is not legally required, it provides a foundation for continuous optimisation processes. Within the framework of EMAS, our employees can also make suggestions at any time on how to improve our environmental performance. We greatly encourage such

contributions, which serve to motivate staff and improve the work atmosphere. In the final analysis this also affects our entire environmental performance, including the so-called indirect environmental aspects, such as the preparation of environmental legislation and programmes. We hope that other federal ministries will follow our example here.



**The Federal Environment Ministry is taking the lead.** The Federal Environment Ministry was the first federal ministry to introduce the ambitious European environmental management system EMAS, at its Bonn site in 2006. The announcement of its revalidation received wide media coverage in 2007. Federal Environment Minister Sigmar Gabriel accepted the certificate of registration with the following words: “I hope that this first

instance of introducing EMAS in a federal ministry will be seen as a model for others. We ourselves are following the example of many businesses and other institutions which have already voluntarily committed themselves to doing more for environmental protection than is required by the law. In doing so, we are submitting ourselves to the required audits by the environmental verifier. EMAS enables us to recognise professionally, systematically and rapidly the points where we can implement cost savings, taking the pressure off our budgets and improving our internal procedures.”

Since 2004, the Ministry of Environment and the Federal Environment Agency have actively supported the implementation and dissemination of environmental management in the public sector. To this end, they have successfully initiated the pilot project “EMAS in federal agencies”. ■



Prof. Andreas Troge, President of the Federal Environment Agency (UBA)

*“Dedicated to the future – setting a trend” (“Der Zukunft verpflichtet – ein Zeichen setzen!”) has been the motto accompanying the Federal Environment Agency’s environmental statements since 2001. For us, EMAS is an award for special achievement, credibility and transparency in corporate environmental management. That’s why we want to contribute to this instrument being implemented widely by public bodies.*



The Berlin site of the Federal Environment Agency was the first federal agency to be granted the right to use the EMAS logo.

► An environmental management system offers public bodies the opportunity to fulfil their important role as models for environmental protection, while reducing the burden on public spending. The European environmental management system EMAS is particularly suited to this task because it provides

recognition for businesses and public institutions who show excellent performance in corporate environmental management.

The Federal Environment Agency (UBA) took up the challenge early on and ensured that the standards of the EMAS regulation were implemented at all levels of our agency, with all their ramifications. We began with our sites in Berlin-Grunewald and Langen (Hessen), and in 2007, we have completed validation audits at our sites in Dessau and Berlin-Marienfelde, which are now also registered with EMAS. ■



Michael Glos, Federal Minister for Economics and Technology (photo: BMWi)

*I support EMAS – would you like to know why?*

*In recent years, environmental management systems have increasingly become a standard part of modern business management. Alongside ISO 14001, EMAS is particularly suited to improving corporate environmental protection, saving costs*

*and opening up new market opportunities and options for innovation.*

► **Environmentally friendly business management is a tradition in many firms.** Since the mid-1990s, environmental management systems have become much more popular in German businesses. Increasingly they have been implemented in everyday business practice. EMAS and ISO 14001 were widely accepted in Germany from the very beginning. Today, corporate environmental protection is an indispensable part of business management. ■

Companies that employ environmental management systems have chosen the right path. Not only in ecological terms, but also economically. More and more firms are using these systems to make a voluntary contribution to corporate environmental protection that goes above and beyond the legal requirements. In so doing, they are optimising their resource use, improving their image with the public and their customers, and enhancing their staff motivation.

EMAS and ISO 14001 have become important instruments in this. To increase firms' willingness to implement EMAS, many German federal states have created incentives for participation. For example, businesses registered with EMAS are granted exemptions

from meeting particular legal environmental requirements, reduced fees (e.g. in the authorisation procedure of the Federal Immission Control Act) and other benefits. ■



*Federal Minister for Economics Michael Glos supports the campaign for the European environmental management system (EMAS).*

[www.bmwi.de/BMWi/Navigation/wirtschaft.html](http://www.bmwi.de/BMWi/Navigation/wirtschaft.html)



**Petra Bierwirth**, Member of the German Bundestag, Chair of the Committee on the Environment, Nature Conservation and Nuclear Safety of the German Bundestag

*I support EMAS – would you like to know why? I believe that EMAS is a way to move from individual, isolated environmental protection measures towards long-term, sustainable and systematic environmental management. Companies that follow EMAS are flexing their muscles for the future, exploiting innovations, using resources carefully and saving costs. The EMAS system offers great opportunities: we must make use of them.*

► I consider EMAS an integral part of modern business management. In EMAS, the business community's own responsibility and governmental action complement each other in an exemplary fashion.

EMAS, as a modern system of corporate environmental management, also promotes the future of Germany as a business location. In the past, economy and ecology were often thought of as opposites. Wrongly so –

the two areas belong together. A healthy environment and careful use of natural resources are prerequisites for stable economic and social development over the long term. Institutions implementing EMAS are taking on the responsibility for their futures. They do business in a sustainable and environmentally compatible way. EMAS also shows that conforming to environmental standards offers many competitive advantages. Not only does it lower costs, it also improves a company's image, gives the company an edge when applying for public sector work and provides legal certainty over liability issues.

For me, EMAS also has a social aspect. Companies who have signed up to EMAS involve their workforce in the process of improving their environmental performance. Not only does this promote their identification with the company's environmental interests, it also brings environmental management to life. Companies that act in this way are outstanding multipliers for environmental issues. In other words, integrated systematic environmental protection pays off.

I hope that even more organisations will consider making EMAS a central part of their management system. For this to happen, the forthcoming amendment to the EU regulation must provide a lot more incentives for businesses and organisations to participate

in the system. Voluntary environmental management should be consolidated and developed in a moderate and unbureaucratic way, and should take into account current governmental and corporate concerns over sustainability and environmental protection. For me as an environmental politician, this is a cause that I will champion.



**Prof. Hans-Gert Pöttering**, President of the European Parliament

*Acting in a sustainable fashion means taking on responsibility. For this reason, the European Parliament decided in its report on energy in December 2006 that all EU buildings should attain CO<sub>2</sub>-neutral status. EMAS will help us to achieve that goal.*

► A well-known proverb says that we should put our own house in order first. The European Parliament exercises a key influence on EU environmental legislation. It is therefore all the more important that we lead by example when it comes to environmental protection.

With this in mind, we introduced an environmental management system in line with the EMAS standard early in 2006. We hope to be successfully audited by an external verifier and officially registered with EMAS this year.

■ With offices stretching over 924,348 m<sup>2</sup> – the size of more than 100 football pitches – and over 5,000 employees, we believe that we can make a significant contribution to reducing paper and energy use.

Environmental management is not just a matter for the technical specialists. Every individual in the European Parliament plays an important part in our plan to improve our climate-friendliness. The measures we are implementing include avoiding unnecessary waste paper, recycling rubbish and employing “greener” means of transport. In addition to holding informational meetings on this issue, for example during the “International Green Week Berlin” in 2006, we have also initiated a photography competition and an exhibition under the motto “Environment A-Z”.



**Tanja Gönner**, Minister of the Environment of the Federal State of Baden-Württemberg

*For me, EMAS means taking corporate environmental protection seriously. There is no way round an efficient environmental management system for anyone who wishes to incorporate environmental protection into his or her business in a systematic way. With EMAS, ecology and economy go hand in hand.*



The Ministry of the Environment Baden-Württemberg has been registered with EMAS since 2002.

► EMAS is synonymous with innovative, sustainable thinking, self-reliance and efficiency. It is a win-win system par excellence: both the environment and business benefit. Cost savings, improved company processes and legal certainty are just a few of the key benefits to business. With EMAS, ecology and economy go hand in hand. EMAS is the chance to make a company fit for the future on environmental issues.

For me, practising what I preach is a question of credibility. That's why the Ministry of the Environment Baden-Württemberg took up the EMAS challenge early on. We were the first ministry to bear the EMAS seal in Germany, indeed in the whole of Europe. Our Agency for Environment, Measurements and Nature Protection is also validated with EMAS. In our role as environment ministry, we act as a role model for the business community and society in general.

Our subsidy programme "EMAS im Konvoi" helps small and medium-sized enterprises to start working with EMAS. Since the autumn of 2000, approximately 40 pilot projects have helped put Baden-Württemberg right at the top of Germany's EMAS ranking with a total of more than 350 validated organisations. Additional incentives for participation in EMAS include reduced fees and administrative relief.

Environmental management is also an important area for our schools and universities. Here, we can demonstrate to young people – the decision-makers of tomorrow – how creative, progressive environmental protection works and how the Earth and its resources should be treated responsibly. This is the objective of our project "Schule auf Umweltkurs". Some 30 schools in Baden-Württemberg are currently certified with EMAS. ■



**Walter Hirche**, Minister for Economics, Labour and Transport, Lower Saxony

*For companies, voluntary environmental management systems such as EMAS combine ecological and economic concerns in an outstanding way, following the principle of sustainability. Corporate environmental protection and optimised resource efficiency make important contributions to innovative and competitive products and services.*

► During my time as Parliamentary State Secretary in the Federal Ministry for the Environment, Nature Conservation and Nuclear Safety, I worked hard to promote EMAS within the German business community. In my current position as Minister for Economics, Labour and Transport of Lower Saxony, I continue to be committed to the principle of sustainability in the drive to improve the use of economic, ecological and financial resources. The principles of responsibility, voluntary participation and cooperation are of the utmost importance in this context. They form a key part of ambitious corporate environmental management systems such as EMAS. The demands of

protecting the environment and the climate, and the increasing prices for commodities and energy, require a systematic analysis of internal procedures so as to ensure the optimum use of resources and energy and minimise environmental pollution with an eye to the future. The result is often added value for the environment, going beyond the legal requirements, as well as for the companies involved. This should not be underestimated. Additional pluses include certainty over legal obligations and liability issues, enhanced communication with citizens and improved relations with international suppliers and clients.

Alongside efficient and unbureaucratic tools of regulatory law, environmental management systems are therefore an important instrument for achieving environmental and sustainability goals.

Big-name companies as well as small and medium-sized enterprises in Lower Saxony



*Statement by the Minister on the website of the Ministry of Economics, Lower Saxony.*

are currently participating in EMAS with great dedication. I would like to see EMAS becoming better known and even more companies getting involved. ■



**Dr Werner Schnappauf**, former Bavarian Minister of the Environment, Health and Consumer Protection, CSU

*EMAS is an economic key to ecological improvements: action taken within the EMAS framework almost always reveals a substantial cost-saving potential. For Bavaria, EMAS continues to be a central instrument for corporate environmental protection.*



The Bavarian Ministry of the Environment, Health and Consumer Protection is registered with EMAS.

► “Umweltpakt Bayern” – the Environmental Pact of Bavaria – has been in place since 1995. It was the first such agreement between a German federal state and the businesses operating in it, and serves as an example to others. The Environmental Pact

grants particular reliefs for EMAS participants. The updated Environmental Pact II came into force on 25th October 2005.

Umweltpakt Bayern: [www.stmugv.bayern.de/umwelt/wirtschaft/umweltpakt](http://www.stmugv.bayern.de/umwelt/wirtschaft/umweltpakt) ■



**Stefan Mörsdorf**, Minister of the Environment, Saarland

*For many years now, the Saarland's Ministry of the Environment has supported organisations that introduce an environmental management system in line with EMAS. This programme has been so successful that the Saarland is now in a leading position in Germany based on the number of EMAS-validated companies in proportion to the size of the population.*



The Saarland's Ministry of the Environment has been registered with EMAS since 2003.

► Corporate environmental management is a recognition of responsibility on the part of

the business community and an essential instrument for the protection of the environment and natural resources. As a complement to the regulatory system of environmental protection based on governmental regulation, EMAS offers businesses incentives to improve their own environmental protection efforts on an ongoing basis, above and beyond the minimum legal requirements. This is also reflected in the Environmental Pact Saar. It is thus no surprise that more than three-quarters of the participants in the Environmental Pact have also introduced an environmental management system.

Launched in 2002, the Environmental Pact Saar is an agreement between the government of the Saarland and the business community. Its goal is to create a better economic framework and improved environmental protection. ■



**Dr Reinhard Loske**, Senator for Building, Environment, Transport and Europe of the Free and Hanseatic City of Bremen

*In Bremen we have achieved demonstrable success. 7.2 percent of all employees in Bremen work for businesses and public institutions certified by EMAS – a key indicator for sustainability recommended by the Conference of Environment Ministers. This figure is unsurpassed in Germany.*



A true role model: the Office of Senator for Building, Environment, Transport and Europe of the Federal State of Bremen has been registered with EMAS since 2004.

► EMAS is an ambitious environmental management system. My office has been supporting businesses in introducing environmental management systems – including the “premium brand” EMAS – for many years now. So there was no question about establishing an environmental management system certified by EMAS within our own office.

As a public body, our function as a role model is just as important as systematically and continuously improving our environmental performance. A body encouraging businesses to become more ecologically sound must set a positive example. In June 2007, the office's environmental management system was successfully revalidated and its listing in the EMAS register was confirmed.

EMAS helps to subject the direct environmental impact of industry and commerce to close scrutiny. It can do the same for public bodies. Let me illustrate this with our business mobility arrangements. My office systematically reviewed its transport fleet, eliminating older vehicles and leasing modern natural gas ones instead. By introducing a car-sharing scheme we put a stop to cars being used with few passengers. Taking this approach further, we have also bought a number of bicycles for official use at our two large city-centre sites.



**Matthias Güldner**, Chair, Parliamentary Group Bündnis 90/DIE GRÜNEN, Bremen Parliament

The Office of the Parliamentary Group Bündnis 90/DIE GRÜNEN in Bremen's Parliament has been registered with EMAS since 2007.

► Every saved kilowatt-hour of electricity, every saved litre of heating oil, every sheet of paper not used protects our climate. Many steps, both large and small, are needed to ensure a future with more renewable energy, more energy efficiency and less resource use.

■ The Parliamentary Group Bündnis 90/DIE GRÜNEN in Bremen's Parliament was the first parliamentary group in Germany to introduce the EMAS system. An energy analysis was carried out for the Group's offices and restaurant. It found that taking a range of energy-saving measures and installing a small combined heat and power unit would reduce carbon dioxide emissions by up to 30 percent.

We aim to make the Parliamentary Group's work even more ecological in the future by taking further resource-saving action. We look forward to seeing others in the Federal State of Bremen following in our footsteps and achieving EMAS validation. ■

*Environmental protection is a key issue for Bündnis 90/DIE GRÜNEN. With a binding environmental management system, we*



**EMAS**  
GEPRÜFTES  
UMWELTMANAGEMENT  
DE-112-00030

*have been able to exploit every opportunity to make our work as environmentally friendly as possible. EMAS has been very helpful in this regard.*



**Renate Künast**, Chair, Parliamentary Group Bündnis 90/Die Grünen

*I support EMAS – would you like to know why?*

*Environmentally aware action on the part of businesses is of central importance, especially for protecting the climate. EMAS offers the opportunity to develop an efficient, resource-saving and CO<sub>2</sub>-free strategy for production and services. For this reason, EMAS provides important orientation on the road to an ecological and sustainable economic system*

► Protecting the climate and the environment is an urgent task for everyone – in politics, society and business. Raw materials are becoming ever more scarce, and growing more and more expensive. The threat of conflicts over resources is a reality. And climate change has begun, as our observations of coastal areas, droughts and extreme weather conditions reveal.

Reason enough to make fundamental changes in the way we produce, transport and live. Ecologically aware companies are opinion leaders. They can show us the way

forward. They can also demonstrate that climate-friendly and environmentally aware action makes good business sense, as well as securing jobs. Positive developments in the renewable energy sector and environmental technology prove that the future belongs to ecological products and services.

That's why EMAS is important. It's a key tool and a first step for businesses and government bodies to take up the challenge. Experience shows that it's worth the effort – for the environment, but also for business and society in general. ■



**Prof. Wolfgang Methling**, Chair of the Parliamentary Group DIE LINKE in the Parliament of Mecklenburg-West Pomerania, former Minister of the Environment

*Think globally – act locally*

*It's a fitting motto for EMAS too. Every single person, every company and every public body can do something to protect the environment and nature. The best way is through voluntary action – and this is what EMAS stands for.*

► When I became Minister of the Environment in Mecklenburg-West Pomerania in 1998, “sustainability” was already an established part of our political thinking and language. But some people were happy to use the term without really understanding what it meant – in the sense in which it was first used in Rio de Janeiro in 1992. I considered it my main task as Minister to reconcile the different groups in society with protection of the environment and nature, to help them to see its value and importance for their communities, businesses, families and lives.

It was particularly important to me to come to an understanding with the business community. For this reason I initiated the Environmental Alliance Mecklenburg-West Pomerania in 2000 which unites businesses that have introduced environmental management systems under a single roof: [www.umweltallianz-mv.de](http://www.umweltallianz-mv.de) ■



**Dr Martin Wansleben**, CEO of the Association of German Chambers of Industry and Commerce (DIHK)

*Environmental protection and the business community – a perfect fit. EMAS is the brand for responsible environmental protection, compliance with legal requirements and continuous improvement and dialogue with stakeholders.*

► Environmental policy can only be successful in the long term if it's implemented by businesses and society in general. All too often, the structures of environmental policy tend towards a command and control system. Overcoming this is one of the goals of EMAS. EMAS places its trust in businesses acknowledging their own responsibility, committing to sustainable economic activity and using their own creativity. For this reason, the German Chambers of Industry and Com-

## EMAS in the business community – trade associations

merce support EMAS actively in their role as EMAS Competent Bodies.

A brief glance at the environmental statements of German companies is enough to see that environmental management pays off. Economically, because a lot of money can be saved, especially during the early phases of environmental management. And ecologically, because energy and resource use can be reduced. It's also good for politics: whatever is done on a voluntary basis reduces the burden for legislators.

This doesn't let legislators completely off the hook, however. EMAS is a basis for cutting back on regulation and creating greater leeway for self-monitoring in the area of environmental protection. This was the rationale for introducing EMAS. Yet the trend towards government regulation continues and as a result some businesses have turned away from EMAS. Providing incentives and not simply imposing bans is what environmental policy should strive towards. EMAS is a model instrument for this. It is an approach that pays off – for both sides. ■



**Hanns-Eberhard Schleyer**, Secretary-General, German Federation of Skilled Crafts (ZDH)

*EMAS is a great opportunity for businesses to meet their responsibilities towards society and at the same time organise their internal procedures in a way that makes both ecological and economic sense.*

► EMAS, the European environmental certification and auditing system, supports participating businesses in integrating ecological criteria into their internal procedures in a way that makes good business sense. In addition to potential cost savings, businesses can enjoy a more positive image compared to their competitors, at the same time as benefiting from some relaxations in their implementation of environmental regulations. This makes EMAS particularly relevant today, with public awareness of the importance of environmental protection

constantly growing and businesses increasingly forced to focus on their bottom line to ensure their survival.

Small and medium-sized enterprises engaged in skilled trades often feel that the requirements placed on them by EMAS and the environmental verifiers are too cumbersome and costly. This puts them off participating in the EMAS system. For this reason, special measures have been introduced especially for SMEs, including joint consultations, the Konvoi programme, and registering several sites as a single organisation. I am convinced that the forthcoming revision of the regulations will create more such opportunities, making the cost-benefit relationship even more favourable from companies' points of view.

Across Germany, 20 Chambers of Small Industries and Skilled Trades operate as EMAS Competent Bodies, providing advice to businesses and assisting them in the registration process. ■

See also: *Small industries and skilled trades*, 41 p.

## Industry: automotive, rail and aerospace technology



Dr Dieter Zetsche, Chairman of the Board of Management, Daimler AG

*Only a comprehensive examination provides a basis for sustainable improvement. That's why we at Daimler have long relied on environmental management and auditing systems such as EMAS. They contribute to documenting, assessing and continuing to improve our environmental performance.*



Daimler's headquarters in Sindelfingen (see logo) and 45 additional plants and sites are registered with EMAS.

► **Daimler: for the “inventors of the automobile”, environmental protection is a core concern.**

We can look back on more than 10 years of experience with EMAS at our German

production sites. As early as 1995, our plants in Kassel and Sindelfingen were assessed using this voluntary system. This made Daimler one of the first to implement it. Today, almost all of our production facilities worldwide are certified according to ISO 14001; those in Germany are EMAS-validated as well.

I was first involved with introducing environmental management systems in the mid-1990s when I was Head of Sales. This makes me particularly happy that the Daimler Sales Organisation Germany received the national EMAS Award in 2006. Three aspects form the focus of our attention:

- 1) EMAS goes beyond other systems by taking a holistic approach to environmentally relevant processes and indicators. This creates a basis for effectively improving our environmental performance.
- 2) EMAS checks and ensures full compliance with the legal requirements for environmental management. This makes a great contribution towards increased legal certainty.
- 3) EMAS provides greater transparency and

credibility as it involves a comprehensive public environmental statement, validated by independent verifiers within the framework of the audit.

For Daimler, as the inventors of the automobile, environmental protection is an integral part of our entrepreneurial responsibility – and not just since the topic has hit the headlines. International comparisons show that EMAS-validated sites not only have significantly lower environmental risks, they also systematically reduce environmental pollution such as emissions and energy use. EMAS thus contributes to improving our environmental performance in a sustainable way. ■



**Prof. Jochem Heizmann**, Member of the Board of Management, Volkswagen, Production Division

*The Volkswagen Group's brands build high-quality innovative and resource-saving cars in environmentally certified factories worldwide. Volkswagen's Emden site and Audi's Neckarsulm site were EMAS-certified pioneers for environmental management in 1995. We will continue to take a leading role in the future, employing new environmentally compatible production techniques as well as progressive powertrain and fuel technologies.*



The VW plant in Emden is the first site in the automobile industry to be registered with EMAS. All our German production sites are registered with EMAS.

### ► Volkswagen: pioneers in environmental management.

In 1995, Volkswagen was the first automobile company in the world to apply this innovative instrument of environmental policy, at

its sites in Emden and Neckarsulm. Today, ten Volkswagen sites and three Audi sites are certified with EMAS. All over the world we overcomply with national regulations at our sites, orientating our work to our corporation's standards and using targeted staff training to embed environmental goals and awareness in our operations.

In this way, Volkswagen achieves impressive ecological results. We also open up economic opportunities, especially by our careful use of resources. One advantage of this environmental management system is that it goes beyond the requirements of environmental certification under the international norm ISO 14001, including the requirement to comply with environmental laws, continuous improvement of environmental performance and transparency vis-à-vis the public and stakeholder groups.

For example, the efficiency of the painting process has been improved considerably in the Emden plant over the last 10 years. Today, 30 percent less material is used and solvent emissions have been reduced by 50 percent. In addition to the cost advantages, this has contributed substantially to reducing the formation of ground-level ozone in the summer. ■



**August Wilhelm Henningsen**, Chairman of the Executive Board of Lufthansa Technik AG

*For Lufthansa Technik, sustainable environmental protection is a task of particular importance. As the market leader in the area of aircraft, engine and equipment maintenance, we consider ourselves pioneers in using resources effectively and sparingly. Participating in EMAS drives us forward in the right direction.*



Lufthansa Technik AG's site in Hamburg (see EMAS logo), the Technology Centre in Berlin and Aircraft Maintenance in Frankfurt are registered with EMAS.

► For us, innovation and a preventative approach to environmental protection go hand in hand. Continuously improving our processes helps us to secure our competitive position – in Germany and in our global investments. One of Lufthansa Technik's many tasks is to extend the life-span of complex technical systems. Our services improve efficiency and reliability. Wherever possible, we recondition parts marked for replacement

rather than scrapping them. This helps the company contribute to responsible resource use. We also create new, innovative products that improve the fuel efficiency of the aircraft and engines entrusted to our care, for the benefit of our customers and of the environment ■



**Wolfgang Tölsner**, Chief Operating Officer of Bombardier Transportation

*"The climate is right for trains". We use this slogan worldwide to call attention to our vehicles' environmental compatibility, innovative technology and design. EMAS, the best quality environmental management system available, reflects our approach and our role as global market leader. "The climate is right for EMAS".*



All of Bombardier Transportation's sites in Germany (Aachen, Bautzen, Görlitz, Hennigsdorf, Kassel, Mannheim, Siegen / Netphen) and our Wroclaw site in Poland are registered with EMAS.

### ► Sustainable Mobility

In 1995/96, Bombardier Transportation, the global market leader in rail transport technology, was the first company in the industry to introduce EMAS.

At Bombardier, we consider EMAS to be the best quality system for environmental management and environmental auditing. It provides an independent assessment of legal conformity and guarantees absolute transparency of the company's environmental performance. In addition, EMAS enables product-related environmental information – Environmental Product Declarations (EPDs) – to be verified. These are assessed by environmental verifiers and can then be stamped with the seal “Information validated by EMAS”.

As far back as 1999, Bombardier was a pioneer in product-related environmental information. In 2003, we had our first EPD verified by EMAS. At the International Trade Fair for Transport Technology “InnoTrans” in Berlin in September 2006, we unveiled two innovative locomotives also featuring EMAS-validated EPDs – the first to be based on the ISO 14025 Standard in force since July 2006.

We are convinced that products will play an increasingly important role in environmental protection. Independent validation of product-related information clearly provides added value. ■

## Supply Industry



**Maria-Elisabeth Schaeffler, Partner, Schaeffler Group**

*Continuous improvement of environmental performance is an important goal of EMAS. The Schaeffler Group put this idea into practice long ago by declaring environmental protection one of our guiding management principles and ensuring that all our sites worldwide are validated by EMAS.*

The Schaeffler Group headquarters in Herzogenaurach and all our production sites in Germany are registered with EMAS. Many other sites, including some outside Europe, have been assessed by EMAS environmental verifiers.

### ► Precision requires precise environmental management.

The Schaeffler Group, with its brands INA, LuK and FAG, develops and manufactures pre-

cision products for everything that moves – machines, industrial equipment, motor vehicles and aerospace technology. In 2006, our approximately 63,000 employees generated turnover of EUR 8.3 billion at more than 180 sites in 50 different countries. Cross-divisional functions and standardised procedures ensure consistent and fast decisions.

One of our key cross-divisional tasks is environmental protection. This is integrated into all areas of the company and contributes to our continued existence and success. In the process, each site retains maximum flexibility. Framework procedures implement binding standards for all our sites worldwide. For example, systems relevant for water protection are designed and built according to German safety standards, employing jacketed tanks and coated collecting vessels.

By having all production facilities undergo voluntary neutral assessment, the Schaeffler Group has taken a pioneering role in environmental protection. And we don't settle for merely complying with the relevant laws. Building on the regulations for EMAS and ISO 14001, we have added our own comprehensive environmental standards, some of which

go far beyond the minimum legal requirements. We put this global system regularly to the test and are constantly developing and improving it. For our exemplary and innovative implementation, the Group of Companies was granted the European EMAS Award in 2005. ■



**Dieter Schlenkermann, CEO GETRAG Group and Board Member responsible for the Environment and Occupational Safety**

*As one of the eight principles of our corporate vision, environmental protection has played a major role for GETRAG ever since 1989. We can now look back on 11 years as an EMAS-validated company, demonstrating our commitment to our employees, customers and suppliers. We are proud to have built on the decision to sign up to*

*EMAS in a systematic and continuous way. Today, all GETRAG sites worldwide have a common environmental, health and occupational safety management system complying with EMAS, ISO 14001 and OHSAS 18001.*



GETRAG Getriebe- und Zahnradfabrik Hermann Hagenmeyer GmbH & Cie KG is registered with EMAS at its sites in Untergruppenbach, Bad Windheim, Ludwigsburg, Neuenstein, Rosenberg, St. Georgen and Heilbronn.

► IFA Group develops, manufactures and distributes products in the field of drive technology. These products have the least harmful impact possible on the environment during their use and disposal.

By recycling drive shafts, we actively contribute to implementing recycling management. To this end, we are attempting to develop and use more prop shafts made from fibre composite materials in the automotive industry. This allows us to achieve significant savings in terms of weight (approx. 30 percent), which reduces fuel consumption and CO<sub>2</sub> emissions. Special technology makes it possible to carry out several recycling processes prior to waste disposal. ■



**Heinrich von Nathusius and Clemens Aulich,** Managing Directors, IFA Group, Haldensleben

*Protecting the environment and natural resources for future generations is a key concern of the IFA Group. We make environmental protection a major component of our corporate management. We develop environmental goals for our company and ensure that all necessary measures are planned, implemented and assessed via environmental programmes, so that we can protect the environment in a sustainable way.*



IFA Group has been registered with EMAS since 2001 at its sites IFA Maschinenbau GmbH in Haldensleben and IFA Antriebstechnik GmbH in Gardelegen.



**Tobias Selzer, CEO and Partner, and Dr Norbert Koch, CTO, SELZER Fertigungstechnik GmbH & Co. KG**

*We act in an sustainable fashion and recognise our environmental responsibility.*



SELZER Fertigungstechnik GmbH & Co. KG has been registered with EMAS since 1999.

► Our company's voluntary participation in EMAS is the natural continuation of our efforts on the environmental front, which began back in the mid-1980s. At that time, most businesses merely reacted to governmental regulations. Our management took a forward-looking decision to tackle environmental issues head-on, involving all our staff and setting up a special Unit for Environmental Protection. ■

In the course of this, our entire site was examined for its impact on the environment in the late 1980s. For areas identified as requiring action, we set environmental goals for the short, medium and long term, working with the public authorities where necessary.

These environmental goals are implemented in annual environmental programmes. This is part of our process of continuous improvement involving our entire workforce. Voluntary participation in EMAS and the resulting measurable successes prove to us that we have taken the correct approach. They also encourage us to continue in the future. ■



**Eckhard Schmidt, CEO, Schraubenwerk Zerst GmbH**

*Thanks to EMAS, Schraubenwerk Zerst acts according to clearly defined environmental guidelines and an explicitly formulated environmental policy. We consider responsibility for our environment to be a duty, but also a challenge to be faced up to on an ongoing basis.*



Schraubenwerk Zerst GmbH has been registered with EMAS since 1999.

► Using resources carefully and achieving profitability must go hand in hand. Alongside technological innovations aimed at continuously improving environmental protection, our employees are right at the heart of our efforts. Clear roles and responsibilities for all employees in their day-to-day work, regular training and raising awareness for potential improvements have got us where we are today. Taking responsibility for defining and implementing goals and programmes is a

challenge for all our organisational units. It is also a challenge for our employees. These are good reasons to continue our participation in EMAS. ■



**Martin Wawra**, CEO, Voith Turbo Scharfenberg GmbH & Co. KG, Salzgitter

operation of machines and equipment also contributes to increased security of the company's legal situation.

Recognising safety and environmental risks early on leads to preventive measures being taken that reduce the risks of malfunction and legal proceedings. It can also result in cost savings on insurance premiums and loans. The data produced creates transparency over volumes, costs, the environmental impact of inputs and outputs, and technical and organisational processes. This transparency in turn creates trust and improves relations with customers and business partners.

For these reasons, we are proud to lend our support to the Environmental Verification Committee's campaign to recruit businesses and organisations to voluntary participation in environmental protection and EMAS. ■

*Using resources carefully, recycling and avoiding waste and systematically avoiding or minimising the harmful effects on the environment within a secure legal framework – that's our duty to the generations to come.*



Voith Turbo Scharfenberg produces automatic middle buffer couplers and entire front sections for rail vehicles, supplying customers worldwide. The business has been registered with EMAS since 2003.

► Our environmental management system includes organisational provisions for ensuring and monitoring the fulfilment of legal requirements. Documenting the proper

## Extractive metallurgy and metalworking



**Dr Werner Marnette**, Chair of the Executive Board and Labour Director, Norddeutsche Affinerie AG (NA)

approximately 560,000 tons of refined copper and 800,000 tons of copper products per year. With approximately 3,200 employees, it is one of the world's leading copper producers. Founded in 1866 as a German Aktiengesellschaft (public limited company), NA draws on a long tradition. It has also been a major innovator. Norddeutsche Affinerie AG applies the latest process technology and works to the highest environmental standards.

NA is committed to sustainable business activity, balancing economic concerns, environmental protection and social considerations. ■

*Environmental protection is very important to Norddeutsche Affinerie. That's why we were one of the first businesses in Hamburg to participate in the environmental management and auditing system EMAS. EMAS has contributed to the fact that NA is one of the top copper producers and*



*recyclers in the world – also in terms of environmental protection.*

Norddeutsche Affinerie AG has been registered with EMAS since November 2005.

► **Norddeutsche Affinerie AG: Europe's leading copper company.**

Norddeutsche Affinerie AG is Europe's largest copper producer and the largest copper recycler in the world. The group produces



**Roland Scharf-Bergmann**, Managing Director and **Franz-Rudolf Brenk**, Management, Responsible for Environmental, Aleris Recycling GmbH

*For us as a recycling company, EMAS is more than a basis for effective environmental management. Compared to other management Standards, EMAS provides transparent information, accessible by the public, about our environmental performance indicators, goals and actions in the form of the environmental statement. In addition, validation by accredited environmental verifiers provides confirmation that we are meeting all the environmental laws and regulations.*

Aleris Recycling GmbH's Erftswerk site has been registered with EMAS since 1997. The other two sites in Germany, the Neckarwerk and the Innwerk, are also covered by the environmental management system.



► Aleris Recycling, a leading recycler and producer of aluminium and magnesium alloys in Europe, has been participating in the voluntary environmental management

system EMAS at its Grevenbroich site since 1997. With the validation of our new site in Deizisau in 2006, all of Aleris Recycling's sites are now registered via the responsible Chamber of Industry and Commerce in Duisburg. Growing demands on improving environmental performance and the large number of constantly changing regulations and guidelines led to our adoption of EMAS, the most ambitious environmental management system available, in our integrated management system.

In addition to the greater legal certainty which EMAS offers compared to ISO 14001, we welcome the environmental statement with its description of our environmental programme validated by independent environmental verifiers. This creates greater transparency and therefore more trust on the part of our neighbours, our customers and the relevant public authorities.

As a recycling company, the careful use of resources is of the utmost importance to us. The annually updated environmental programmes have made a major contribution to helping us to reduce the amounts of energy and smelting salt needed for the recycling process and the amount of waste produced, plus the fact that we now recover almost 100 percent of the remaining waste. ■



**Dr. Thomas Stockmeier**, Technical Director and CEO, SEMIKRON Elektronik GmbH & Co. KG

*Power semiconductors are the key to energy savings and renewable energy sources. SEMIKRON has been focusing on this area for more than 50 years. A dual environmental responsibility emerges from this, namely (a) resource-friendly*



*production and (b) efficient power generation, transmission and use.*

Semikron Elektronik GmbH & Co. KG has been registered with EMAS since 2004.

► Predictions of global warming and its catastrophic impact on the environment and society are no longer the subjects of academic debate, but matters of general public concern. There is a desperate rush to find ways to reconcile the growing demand for power with urgently needed reductions in carbon dioxide emissions. A variety of solutions exist. 60 percent of electrical energy is used by electrical motors and double-digit

percentage savings can be achieved through variable speed drives.

The share of electrical power produced from renewable energy sources – wind, solar and biogas – is growing constantly, although only a small percentage of total demand can be met to date.

For generating, transmitting and saving energy, power electronics – or, more precisely, power semiconductors – are the key to improvements. The EMAS II-certified family-run business SEMIKRON therefore has great opportunities, but also a special responsibility.

In producing power semiconductors, we pay particular attention to the careful use of resources along the entire supply chain. Our environmental report shows that we are able to produce power semiconductors today with much less energy and fewer materials than in the past, as well as with less waste. EMAS-II-auditing helps us to discover potentials for improvement and use them systematically, time and time again. ■

## Paper and printing industry



**Andreas Genz**, Chairman of the Board of Management, Stora Enso Kabel GmbH & Co. KG

*For us, participating in the EU's EMAS system was and is still a decision to manage our business in a future-looking, environmentally-orientated way. We are proud of our EMAS registration which we received in 1995 – the first company in Germany and the first paper factory in Europe to do so.*



The Stora Enso site in Kabel has been registered with EMAS since 1995. It was the first company in the paper industry in Europe to receive EMAS certification.

► Our EMAS-certified environmental management system enables us to put the idea of sustainable business activity into practice, working actively with our employees. It also makes us more competitive. Not only

do we include our employees in our forward-looking environmental management, we also make them aware of environmental and safety aspects in their own areas of work. Regular open dialogue with our stakeholders is an important tool for us to test our strategy and management.

Treating the environment with care is an approach that involves the whole product lifecycle in a holistic fashion. It is the guiding principle behind all our environmental activities. Our environmental protection policy is based on the fundamental values of our company as well as the EMAS system. We believe that “intervention in the environment should be as careful as possible”. This reflects the importance we give to environmental protection in our business.

But we must not rest on our laurels. On the contrary, we have set ambitious goals for the future. We monitor these goals systematically using our environmental index, a top-level indicator in our company's strategy that combines several environmentally relevant parameters. ■



*Photo: Carsten Lippert*

**Dr Ulrich Höke**, Managing Director, Stora Enso Sachsen GmbH

*In an era of constant change, it is important for us to show how we stand by our fundamental conviction, our dedication to sustainable development. For us, sustainability means achieving a balance on which to base all our business decisions – a balance between economics, ecology and the social needs of our employees and society.*



**EMAS**  
GEPRÜFTES  
UMWELTMANAGEMENT  
DE-159-00015

Stora Enso Sachsen GmbH is registered with EMAS.

► In our corporate policy, we make a commitment to live up to our social responsibility through sustainable economic and environmentally compatible development. This balance forms the basis for all our business decisions, including careful use of the Earth's resources and minimising environmental pollution. Every employee shoulders a part of that responsibility in his or her job. ■

We have been participating in the Community Eco-Management and Audit Scheme (EMAS) for the last ten years. Over this time we have been able to report annually on significant progress in environmental protection and major improvements in our production processes.

Careful use of natural resources is a basic principle underlying our production technique, making new paper out of old. Paper production necessitates high water and energy consumption. For this reason we are continuously developing our production processes and technology and we regularly monitor and assess their environmental impact to identify any potential improvements. The laws on emissions trading also apply to our energy-intensive business.

An overview of all our sites registered with EMAS and our environmental statements can be found on the Stora Enso Group website. ■



**Martina Fuchs-Buschbeck, CEO,**  
Oktoberdruck AG

*Oktoberdruck's motto "Umwelt. Freundlich. Drucken" ("Environment. Friendly. Printing") guides all our work and production. It all began with an eco-audit in 1995. We had always considered ourselves to be committed to social and ecological issues. Now we could back this up by introducing a verifiable environmental management system and issuing an environmental statement.*



*Oktoberdruck took part in the first validation of companies in Berlin in 1995. Since our relocation in 2001, which necessitated a reassessment, the company has now been validated for the third time.*

► Continuous improvement for the sake of the environment can and should be an important aspect for anyone involved in economic and social processes. The first step is to get employees on board; the next step is to see whether the company has the power to influence its customers and suppliers too.

Today environmental issues are hot news. This makes it much easier to begin a conversation about introducing environmentally friendly production than was the case in the past. Let us hope that this is not a passing trend, but an issue that is taken up by businesses both large and small.

We need to start building an understanding on the part of customers and society in general of the true costs of sustainable production and business. Hopefully this means that we will not end up as the losers in a downwards price spiral.

## Banks and insurance companies



■ **Heinz Panter, CEO of LBS Baden-Württemberg**

*For LBS Baden-Württemberg, environmental protection has been an important corporate goal for many years now, and one that affects all of our company's activities, services and products.*

*That's why we sign up to the EMAS standard.*



LBS Baden-Württemberg's sites in Stuttgart (see logo) and Karlsruhe are registered with EMAS.

► LBS Baden-Württemberg pays close attention to the direct and indirect environmental aspects of its operations. The direct environmental aspects include energy consumption in our buildings in Stuttgart and Karlsruhe, the vehicles used for commuting to work and on business trips, and water and paper use

in our offices. Here, we have been cutting back systematically for years.

When it comes to our products and services, we are also mindful of the environment. We advise property financing companies on how to save energy in their buildings. Products such as the LBS Energy Audit, the Modernisation Compass and the Energy Saving Calculator can help to reduce energy consumption in private properties.

We offer our customers consultations with architects, the use of a thermal imaging camera to reveal weak points and heat loss from residential buildings and the option of taking out an LBS Energy Saving Loan. This is a special low-interest loan for carrying out energy-saving measures. LBS also advises customers on the Reconstruction Loan Corporation (KfW) programmes for modernisation and energy-saving measures.

In other words, we take environmental protection seriously and employ a holistic approach to this issue – an issue that affects all of our futures! ■



**Dr Nikolaus von Bomhard, Chairman of the Board of Management of Munich Re Group**

part of our responsibility to make our knowledge available to the public and initiate relevant discussions in the political realm.

In June 2006, the Munich Re Group adopted a sustainability strategy and mission statement that covers ecological and social issues as well as economic ones. This reflects the great importance we attach to upholding strict ethical principles and our commitment to careful use of the Earth's resources.

However, our dedication to preventative environmental protection will only be credible if we act accordingly as a company. Systematic implementation of an effective environmental management system is a central element of our policy. By obtaining EMAS validation for our headquarters in Munich, we have committed ourselves to the highest European standard for environmental management.

We are acting on our responsibility towards climate change. A further sign of this is our goal, announced in June 2007, of completely neutralising our business-related CO<sub>2</sub> emissions for our Munich site by 2009 and for the whole re-insurance group by 2012. ■

*Preventative environmental protection is a key issue for us at the Munich Re Group. It is part of our responsibility not just to sit back and observe climate change and the growing threat to our environment, but to exploit all possible opportunities for action within our own company. EMAS*



*certification of our environmental management system is an important building block in this respect.*



Munich Re is registered with EMAS.

► For the Munich Re Group, forward-looking, preventative and responsible thought and actions are among our key qualities. That's why our re-insurance business has had an internationally respected group of experts devoted to analysis and research in the earth sciences for more than three decades. An important focus of their work is climate change and its consequences. We consider it



**Ulrich Jansen, Chairman of the Board, Provinzial Rheinland**

free safety advice for residential buildings to a warning system for wind and weather conditions at the level of different post-code areas. This helps our customers to avoid danger – including danger that they would not have been insured against.

Of course, climate protection begins at home. As a company, we started contributing to a better environment some time ago. Since 2004, we have reduced our company's carbon dioxide emissions by 3,000 tons per year – a drop of 29 percent and thus a considerable achievement.

And we continue to set a good example. The goal of our climate strategy is to achieve CO<sub>2</sub> neutrality by 2011. To this end, Provinzial Rheinland will continue to reduce the CO<sub>2</sub> emissions induced by our business activities wherever possible and will compensate for the remaining emissions. ■

*Protecting the environment and the climate is a topic that affects all of our futures. Much has been written, said and signed on environmental issues. The weakness often comes in implementation. Every company and individual is responsible for the environment. Provinzial Rheinland wishes to show through its participation in EMAS and its current environmental report that service*



*industry companies can also make an important contribution to climate protection.*



Provinzial Rheinland's Düsseldorf site is registered with EMAS.

► Climate-friendly corporate policy should be a matter of course for businesses. Here, we believe insurance companies have a special role to play. Supporting policyholders and handling their claims professionally in the event of loss or damage is one side of our business. The other side is our philosophy of preventing damage. We offer our customers numerous services in this area, from



**Dr Michael Thiemermann**, Board Member responsible for the Environment, Victoria Versicherungsgesellschaften

*In 1998, Victoria was the first insurance company in Europe to be validated by EMAS. Since then, we have expanded our environmental management system continuously. By combining voluntary internal checking of environmental effects and routine external auditing by independent environmental verifiers, EMAS has proved to be an extraordinarily effective means for continually improving our environmental performance.*

The Düsseldorf headquarters and the administrative offices in Düsseldorf, Hamburg, Berlin, Leipzig and Mannheim of Victoria Versicherung AG, Victoria Lebensversicherung AG and Victoria Krankenversicherung AG are all registered with EMAS.

► Implementing and expanding the environmental management system EMAS allows us to demonstrate – both internally and externally – that we take our responsibility for pro-

tecting the environment seriously, above and beyond the legally required level. In our Environmental Programme 2007-2009, we have set goals and measures for the future which will help to improve, develop and enhance our environmental performance on a continuous basis.

In our environmental statement, we explain the environmental performance of our products and services in a transparent and detailed fashion. We also show how we are taking on the challenges posed by ecological factors in our core business. And naturally we also tell how we use the opportunities for ecological action within the company in our day-to-day business, and what technical and organisational action we have taken.

When Victoria Versicherung AG received its certification to EMAS in February 1998, it was the first insurance company in Europe to do so. This was preceded by a research and development project carried out by Victoria, in cooperation with the Federal Ministry of the Environment and the Federal Environment Agency. During the first EMAS Conference in Brussels in June 2002, the European Commission presented Victoria with the first ever EMAS Award. ■

## Trade unions



**Michael Sommer**, Chairman of the German Trade Union Federation (DGB)

*I support EMAS in finding ways to utilise corporate environmental protection to reduce business management costs. In the future, we need to increase not only labour productivity, but also the productivity of energy and resources. Companies should increasingly recognise and take advantage of the innovative alternatives EMAS offers them – improved efficiency in the use of materials, energy and resources – to enhance their competitiveness. I see EMAS as thus also contributing to easing workflows and providing incentives for environment and employment.*

► Michael Sommer's statement, plus testimonies by three further trade union leaders, can also be found (in German) on the specialist information website for corporate environmental protection aimed at trade unions: [www.oeko-works.de](http://www.oeko-works.de). Continual

improvement of corporate environmental protection through the environmental management scheme EMAS necessitates not only reinforcing companies' sense of responsibility, but also involving the innovative potential of employees and their labour union representatives. In many companies, participation, access to environmental information and the qualification of employees are in need of improvement if the results of EMAS processes are to be fully utilised.

Furthermore, it is no secret that business participation in EMAS must be significantly increased. The DGB has been following the implementation of European EMAS regulations since they came into force and has always supported an ambitious EMAS. From the very beginning, the DGB has been a judicious member of the Environmental Verification Committee (UGA); we are represented in the UGA board and fulfil an important coordinating function for our member unions. EMAS should put a stronger focus on the use of innovative environmental technologies, taking the spotlight off EMAS as a deregulation instrument. This would help EMAS gain broader acceptance. I wish EMAS more public prominence and particularly the participation of more companies. ■



**Hubertus Schmoldt**, Chairman of the Mining, Chemical and Energy Industrial Union (IG BCE)

*I support EMAS because it is an important stepping stone on the path to greater sustainability. By adopting this voluntary system, based on transparency and communication to the public, we can credibly and continually improve corporate environmental performance.*

► EMAS – the four-letter acronym for the “Eco-Management and Audit Scheme” – is considered by the Mining, Chemical and Energy Industrial Union to be the most comprehensive system to date for the continual improvement of the in-house environmental performance of businesses and organisations.

As part of our educational programme, IG BCE offers training courses on environmental protection, including EMAS, for works councils on a national and regional level. Over the past years, our social partnership committees have also helped spread knowledge of EMAS through events dedicated to this issue. ■



**Berthold Huber**, President of the Industrial Trade Union Metall (IG Metall)

*The active participation of workers has already contributed many ideas to successful environmental management systems.*

► Only when production is environmentally, socially and economically responsible can activities be environmentally sound and long-term employment secure. Many businesses still see active environmental management as a burden, where they should be seeing an opportunity. I am positive that innovative environmental technology and resource efficiency will become the decisive factors in businesses’ international competitiveness. That’s why trade unions have always supported making EMAS a system in which nothing is watered down, but rather through which effective quality standards are developed.

Together with many committed works council members, we want to contribute to companies’ increased responsibility for the pro-

tection of our environment. This is particularly easy when workers are informed of environmentally relevant tasks and qualified and motivated to perform them. We can count on their knowledge and commitment. ■



**Franz-Josef Möllenberg**, Chairman of the Food and Allied Workers Union (NGG)

*Corporate environmental protection must – as a prerequisite for healthy food, apart from anything else – be sustainable and transparent. EMAS provides the necessary preconditions.*

► Ensuring effective, sustainable environmental protection is one of the central issues of our times. Corporate environmental protection is a prerequisite for healthy food and a healthy environment for all. It is important to the Food and Allied Workers Union that EMAS doesn’t only codify and document the status quo, but also act as an incentive for the further improvement of environmentally sound production. Involving workers in this process supports the acceptance of corporate environmental protection in practice. ■

*The following contribution is an outstanding example from the private sector of the role workers play within the framework of EMAS.*



**Ulrike Schweizer**, Environmental Management Officer and **Jürgen Henrich**, Head of the Works Council at Lincoln GmbH

*By involving employees, EMAS pinpoints many opportunities for company innovations and improvements. The 1996 pilot project “die Öko-Audit-Verordnung mit Arbeitnehmerbeteiligung” (“Eco-Audit Regulation with Employee Participation”) went so well that employee participation ultimately became part of the EMAS Regulation and was written into it.*



Lincoln, in 1997, was the first producer of centralised lubrication equipment to register with EMAS.

► Management and works council at Lincoln together decided to adopt EMAS because they saw the potential for improvement early on. For more than ten years, we at Lincoln have implemented and further developed EMAS.

In environmental management systems with employee participation, management, works council and employees work together as an environmental team. They develop ideas, assess the system together and also inform the public of Lincoln's environmental performance.

Innovations and improvements also originate from the workforce, which therefore supports them completely. The system has the workers as its foundation and thus contributes to the economic success of the company. We see this as a chance for all European businesses to draw on and implement the expert knowledge of their workers. Ultimately this will ensure success on the global market and in international competition. ■



**Hubert Weinzierl**, President of the German League for Nature and Environment (DNR)

*The EMAS environmental management system, as a voluntary measure supplementing environmental law, can lead to improvements in environmental protection in businesses and other organisations.*

► That's why I'm glad to help communicate EMAS's far-reaching demands in respect to environmental performance, adherence to environmental laws and other regulations, and most of all regarding communication with the public. As a representative of environmental organisations, I attach great importance to the transparent coverage of environmental performance in an annual environmental statement, to date required in this form only in this voluntary environmental protection scheme.

## Environmental organisations and interest groups

Even the best is not good enough. I would like to see EMAS pay more attention to concrete environmental indicators when appraising an organisation's true environmental performance. Providing data such as, for example, the water and energy consumption for the production of a kilo of product facilitates the assessment of environmental performance year-on-year.

For the future, I'd therefore like to see mandatory environmental indicators make the continuous process of improvement secure and transparent, while also making comparisons with other companies in the same sector possible. ■



**Dr Angelika Zahrnt**, former Chairperson and current Honorary Chairperson of Friends of the Earth Germany (BUND)

### *I support EMAS ...*

*... because talk alone isn't enough and action is needed; because changes here and there aren't enough and systematic action is needed; because a one-time effort isn't enough, rather continuous action is needed.*

► As someone who has dealt with the issue of environmental management from an academic perspective and who has called for and supported its implementation in practice – in churches, communities and companies – I wish that EMAS would spread faster. That people would take the risk of abandoning their daily routine and see that the effort of producing an environmental balance sheet as just as important as producing a financial balance sheet.

The positive results achieved by those who have adopted EMAS can motivate others to make this effort. Results such as savings in environmental consumption and money, the motivation of employees, and a green image with the public.

Beyond this, the main task remains not just environmentally compatible production, but production of environmental products. An

EMAS certified automobile company can produce a fuel-guzzling SUV using energy-saving methods – and thus disregard climate targets.



**Dr Brigitte Dahlbender**, Chairperson of Friends of the Earth Germany (BUND) Regional Association Baden-Wuerttemberg

- ▶ The BUND Baden-Wuerttemberg also wants to “produce” environmental protection in an environmentally-friendly manner.
- That's why BUND decided to participate in EMAS beginning with six pilot offices. We got involved in order to preserve and improve environmental quality and the quality of life more effectively, to gain new skills and to provide a credible example for other organisations.

Through our participation in EMAS, BUND wishes to document its commitment to environmental protection for itself and others, opening ourselves up to ongoing internal and external critical scrutiny and thus work credibly and without respite on sustainable, environmentally sound development.

#### We support EMAS ...

*... because the global challenge of environmental protection can only be met when we all, ambitiously and continually, with transparency and credibility, work together in a socially responsible manner for the protection of the basis of our existence. We believe EMAS is currently the best management tool to help organisations to achieve this task.*



Currently six offices of the BUND Regional Association Baden-Wuerttemberg are on the EMAS register, including the main office in Stuttgart (see logo). The inclusion of nine further locations is planned.



**Olaf Tschimpke**, President of Naturschutzbund Deutschland e.V. (NABU)

*In times of rising prices for energy and raw materials, the pressure also grows to use natural*

*resources sparingly and in a sustainable manner. EMAS provides companies and organisations with a structured and transparent method for continually improving their environmental performance.*

- ▶ Companies' ecological and social responsibility is increasingly a matter for public attention. This means that the pressure on businesses and organisations to do more than just comply with environmental legislation is also growing.

Systematically improving environmental performance creates business opportunities and paves the way for a credible dialogue with clients, public authorities and other stakeholders. The use of a certified environmental management system is a strategic instrument for many cooperation partners to reduce their environmental risks and environmental impact on an ongoing basis, to improve their internal operations and minimise their costs for energy, water and raw materials.

EMAS certification of companies and organisations in particular, due to the annually updated environmental statement, offers a high degree of transparency over operations that have an environmental impact. It is therefore the fundamental basis for an open dialogue on the future of sustainable management and corporate responsibility.



**Prof. Edda Müller**, former Executive Director of The Federation of German Consumer Organisations (VZBV)

*The commitment of companies that participate in EMAS and are actively dedicated to minimising their environmental impact must be communicated in a manner that consumers can understand. Only then can they develop responsible consumer habits.*

- ▶ The Federation of German Consumer Organisations and our member organisations engage in actions, campaigns and counselling work aimed at qualifying consumers to make responsible consumer decisions.

In order to do so, we need businesses that are actively committed to minimising their environmental impact and can communicate this to consumers in a way that they can understand. Company participation in EMAS is an important sign of this.



**Prof. Michael Succow,**  
Alternative Nobel laureate

*Safeguarding functioning ecosystems – the basis of our existence now and in the future – must be given highest priority whenever we use natural resources. Environmental protection is not a luxury, but one of the most important social achievements, necessary for the continued existence of human society.*

► In my own research, I aim to increase understanding of ecological networks in certain biospheres and assess the effects of human intervention. This has important consequences for resource management and environmental management and can aid better education and training for local actors.

The European environmental management system EMAS trains companies and other institutions to assess their impact on nature and the environment and to make more improvements than the law requires. It thus ties in with local environmental protection

and can make an important contribution to sustainable development.



**Wolfgang Guhle,** Managing Director of the  
Federal Association of Environmental Action  
Groups (BBU)

*Industrial growth and the concurrent global problems for the environment and natural resources calls for more effective and faster action than governments and communities often dare to demand from influential polluters and consumers. Voluntary measures such as the most demanding independently verified environmental management system – EMAS – show that action is possible.*

► The state of the environment and its future development is a decisive factor determining the chances of mankind's survival. As emitters and originators of environmental damage, companies play an important role.

As citizens, we believe that the government has a special responsibility to solve these problems. However, since experience

shows that government often fails to fulfil its duties adequately, or does so too late, voluntary environmental measures taken by businesses are also valuable.

Of these, EMAS is in our view currently the most demanding and credible environmental management and Audit Scheme. We see EMAS neither as an environmental clearance certificate, nor as an ethical stamp of approval, and least of all as a general

exemption from state control. Rather it is an independently verified and therefore credible report of corporate environmental impact with a commitment to continual improvement.

That's why the environmental aspects of technical and corporate environmental protection are an ongoing and growing focus of the BBU's work.

## EMAS and local council facilities



**Lord Mayor Christian Ude,** President of the  
German Association of Cityss

*Environmental protection in urban areas is one of the focuses of local politics. The city has proven to be an environmentally compatible*

*habitat. Densely populated urban areas provide for the economical use of land and short journeys between home, workplace, shopping, culture and recreation.*

In the state capital Munich, for instance, the local government department responsible for covered markets and the central market hall is EMAS registered, as is the Department of Health and the administrative department responsible for the fire brigade and all fire stations.



► Cities provide good conditions for waste management and waste water treatment, for the economical use of mass transport systems, the expansion of renewable energies and the use of cogeneration. At the same time, cities are faced with great challenges in the areas of energy policy, reducing traffic noise and vehicle emissions, and waste and water management.



**Mayor Dirk Hilbert, Dresden's Councillor for Economic Affairs**

Following the principles of sustainability and Agenda 21 is the basic condition for an environmentally orientated city policy. The voluntary Community Eco-Management and Audit Scheme (EMAS) is also an instrument for cities that want to improve their environmental performance. Many cities in Germany participate in this system, thus demonstrating that they want to adhere to environmental regulations and improve on them on a voluntary basis.

The German Association of Cities therefore expressly supports the Internet-based campaign "Voices for EMAS" run by the Environmental Verification Committee of the Federal Ministry for the Environment, Nature Conservation and Nuclear Safety and hopes that many cities and companies will continue to participate in this voluntary environmental management system. ■

*Participation in EMAS is an effective instrument for implementing the environmental guidelines of the City of Dresden – for sustainable urban development which aids the conservation and preservation of the unique cultural landscape of one of the greenest cities in Europe.*



In Dresden, the state capital of Saxony, the Parks Bureau (Grünflächenamt) for example has been registered with EMAS since 2001.

► With over 60 % green spaces and recreational areas, Dresden is one of the greenest cities in Europe. Alongside many non-profit organisations and citizens' action groups, the state capital has been working towards sustainable urban development for many years. This can be seen in Dresden's membership of the "Climate Alliance of European Cities to Protect the Earth's Atmosphere" since 1994, for example, our endorsement of the "Charta

of Alborg" in 1995, and our membership of the development association "Local Agenda 21 for Dresden".

Many pilot projects were initiated within the framework of Agenda 21 – including the introduction of an eco-audit in today's Bureau of Urban Green and Waste Management (Amt für Stadtgrün und Abfallwirtschaft). This bureau is, among other things, responsible for the preservation, upkeep and care of circa 310 hectares of city parks and green areas and is therefore particularly committed to environmental protection. The Bureau makes a further contribution to environmental protection with its successful participation in EMAS since 2001. ■



**Chief Fire Officer Wolfgang Schäuble, Director of the Munich Fire Brigade**

*To us, environmental preservation means taking a look at the Fire Brigade's teachings and trainings as well as our fire-fighting and fire prevention activities as a whole, analysing them and if necessary improving them. Only an environmentally*

*friendly service can reduce our environmental impact. EMAS provides a suitable platform for this.*



The Munich Fire Brigade and all its fire stations have been registered with EMAS since the beginning of 2007.

► At the Munich Fire Brigade, we consider our contribution towards environmental protection to be part of our legal duty to ensure fire safety and provide the population of the state capital Munich with technical aid. The diverse operations, situations and dangers our fire officers meet in the line of duty necessitates detailed knowledge and special skills: from how to fight a fire in the room of a multi-storey building to rail vehicle accidents. 24 hours a day, 365 days a year, some 300 fire officers are always at the ready in our 10 fire stations.

Environmental protection has always played an important role in the formulation of the Munich Fire Brigade's corporate goals. ■

## Water and energy supply



**Dr Michael Beckereit, Managing Director of Hamburg Waterworks GmbH**

*With the needs of future generations in mind, Hamburg Waterworks strives continually to optimise our environmental performance – for the waters and thus for the quality of life of the people of the Hanseatic City. EMAS helps us to achieve this goal.*



Hamburg Waterworks GmbH has been registered with EMAS since January 2007.

► A healthy environment, clean drinking water and natural lakes and rivers are precious assets. As water suppliers for the Hamburg metropolitan area, we deal responsibly with them – by careful management, active protection of natural waters, resource efficiency and minimising emissions and waste

material. Environmental protection is an established aim of our company policy and an integral part of Hamburg Waterworks. EMAS helps us to stay on target: from the environmental impact assessment to defining environmental protection goals and implementing steering mechanisms, EMAS provides us with an effective environmental management system. ■



**Helmut Fuß, Technical Director of energis GmbH**

*Every company which is serious about environmental protection finds itself caught between the dual priorities of ecology and economy. For years, energis has shown that it is possible to develop synergies which preserve both jobs and natural resources.*



The energis GmbH headquarters in Saarbrücken (see logo) and eight further sites in Saarland are registered with EMAS.

► Since 2000, we at energis have channelled our environmental competence into a highly developed environmental management system. Important components are the validation of our Saarbrücken headquarters, our sites in Illingen, Merzig, Saarlouis, and St. Wendel and their organisational units, as well as our small-capacity hydroelectric power plant Gronig.

In 2005/2006, we introduced technical security measures in the areas of gas, water and electricity. The two management systems have been successfully integrated.

At energis, successful environmental management means more than just adhering to norms and standards. We take environmentally friendly action and continuous optimisation of our systems seriously. The first validation of our Lauterbachtal and Bisttal waterworks in 2007 proves this, as does the commitment of energis employees in their day-to-day work.

energis – environmentally friendly thought and action, from people, for people. ■



**Dr Karl Roth, Technical Director of Stadtwerke Karlsruhe**

*Sustainability and climate protection, particularly for us as energy suppliers, are the basis on which our credibility and the future of our company are measured. Our participation in EMAS shows that we remain true to our motto of “Providing Services Responsibly”.*



The Stadtwerke Karlsruhe (Karlsruhe public utilities) have been registered with EMAS since 1996.

► For us as a local council energy supplier with an EMAS verified environmental management system for over ten years, the centre of our attention is on topics such as preserving resources and climate protection. That’s why in 2007 for the first time, using carbon dioxide as the main parameter, we included the impact of our clients’ use of our products in our environmental balance sheet. This has shifted the focus of our environmental programme to energy

efficiency and resource conservation. EMAS has proved itself an effective instrument for helping us to improve our environmental performance systematically and continuously. ■



**Werner Böllinger**, CEO of Cologne Transport Services (KVB)

*We support EMAS because it helps us continually to improve our corporate environmental protection and our transport services and lends us credibility in presenting our environmental measures to the public.*



The KVB has been registered with EMAS since 1998 as one of the first public transport companies.

► Last year, we moved around 246 million passengers a total of 1,309 million kilometres. That saved 93,000 tons of CO<sub>2</sub> which would otherwise have been produced by cars. Cologne Transport Services' as a public transport service provides our passengers

and the residents of Cologne and surrounding areas with the option of environmentally friendly mobility – now and in the future. To do so, we must continually improve our technology and operating systems with regard to environmental protection and other issues. EMAS helps us to do this.

In 1998, the KVB and all its sites became one of the first transport companies to participate in the European Eco-Management and Audit scheme.

Regular controls of our various sites, the creation and assessment of environmental indicators and the active participation of our employees help us to pinpoint areas for optimisation. Based on this, we can identify and implement concrete environmental targets in our procurement measures and building projects, such as, for example, replacing our vehicle fleet or expanding our network of routes.

Preparing and validating our environmental statement also gives us the opportunity to present these activities to the public in a credible fashion. Environmental protection is hence not only a part of our corporate philosophy – it is practised daily by our employees. ■

## EMAS and health care



**Prof. Erich R. Reinhardt**, President and CEO of Siemens Medical Solutions

*We want to increase health care efficiency – and keep the environmental impact as low as possible. That's why we adhere to EMAS's demanding standards.*



Siemens Medical Solutions Germany has been registered with EMAS since 1996. Our sites at Erlangen, Forchheim, Kemnath, Rudolstadt and Heidelberg are included on the EMAS register.

have implemented an ISO 14001 environmental management system. EMAS is important to us for three reasons:

- It provides businesses with legal certainty. It calls for total adherence to all statutory regulations on environmental management.
- It provides increased transparency and credibility with an environmental statement approved by independent verifiers.
- Only EMAS demands that we continually improve our environmental performance, stipulating that we consider all environmental aspects of our activities and define indicators for assessment wherever possible. This also applies to the development of our products. ■

► Siemens Medical Solutions is one of the largest suppliers of medical equipment in the world. Environmental protection is part of our corporate culture. All of our production sites in Germany participate voluntarily in EMAS – and have done since 1996. Internationally, almost all of our production sites



**Susanne Tödtmann-Weidemann, Heinke Falkenstein-Sorg and Prof. Thomas Reker,**  
Management Board of the LWL-Klinik, Münster

*We can only be credible as a public health institution if health care forms an integral part of our corporate commitment. We view health care holistically. This means it is not only about our patients, residents and their families – it's also about occupational safety and environmental protection. The logical consequence for us was (and is) implementing the demanding corporate environmental management system EMAS.*



The LWL-Klinik Münster has been registered with EMAS since January 2000.

► Protecting health and protecting the environment go hand in hand. Sustainable health policy is only possible in a healthy environment. All measures that support corporate environmental protection also support our central tasks – the treatment, support and care of sick people. Occupational safety and environmental protection also overlap in the

areas they cover. That's why we've brought these two together in an integrated management system. ■



**Klaus Herrmann, CEO of Kreiskliniken Kassel GmbH**

*Since 1996, our hospital, the Kreisklinik Hofgeismar – a subsidiary of Gesundheit Nordhessen Holding AG – has actively carried out environmental management. We aim to employ integrated environmental protection throughout the organisation. Protecting our natural environment should not lead its own independent life on the margins of the clinic's work, but be an integral part and guiding principle of all our activities.*

*Because we believe this and apply it daily to our work, we are committed to EMAS and its guiding principles. This is true of our past and our future with EMAS.*



The Kreisklinik Hofgeismar has been registered with EMAS since 1998.

## Hotel and tourism industry



**Bettina Gräfin Bernadotte, Mainau GmbH**

*Mainau GmbH has been registered with EMAS since 1998. In this time we have come to know and appreciate EMAS as a meaningful and efficient corporate environmental management tool.*



Mainau GmbH advertises with the EMAS logo.

► For decades, we have been carrying out environmental protection on the Mainau. In 1998, for the first time in Germany, our park and tourism company established the environmental management system EMAS as a central element of our environmental management. EMAS has helped us to scrutinise our environmentally relevant activities and take steps to reduce costs, thus remaining true to our guiding principle of economic

and ecological balance. In our view, not only companies, but consumers too have the ability to protect our environment in a proactive manner. For example, we can choose products from companies that are committed to environmental protection, or we can go on holiday to places which where sustainability is practised for the good of our environment.

On the Mainau, we want to act as a catalyst. In this way our aim is to inform our guests, who are also consumers, sensitising them for future purchasing decisions. For us, EMAS is both an obligation and an opportunity. ■



**Peter-Mario Kubsch, Studiosus Reisen München GmbH**

*In 1998, we were the first tour operator to have our environmental management system validated*

by EMAS. We wanted to build our environmental commitment on solid ground, convey our efforts in the area of sustainable travel to the public, and meet the wishes of our guests who want to spend their holidays in an unspoilt natural environment.



Studiosus Reisen München GmbH, in 1998, was the first tour operator in Europe to register with EMAS.



Astrid and Bertram Späth, Best Western Premier Hotel Victoria

Environmental protection is the new luxury in the four-star hotel business. Environmental products and behaviour are not a sacrifice, but an improvement in quality. With EMAS, we've ensured that



we can continue to provide this luxury to our guests on a daily basis.



The Hotel Victoria Betriebs GmbH in Freiburg has been registered with EMAS since 2006.

► At the Best Western Premier Hotel in Freiburg, our activities have been environmentally friendly for 25 years. What was at first seen as eccentricity, and carried out by us in secret behind the scenes – using phosphate-free detergent, offering organic food, etc. – is today fortunately appreciated as added value. A hotel offers endless opportunities to conserve energy and water, to use renewable resources for electricity, heating and cooling and to delight our guests with high-quality products.

It is important to us to show that environmental protection is fun and can bring success. By implementing EMAS, we've achieved transparency and sustainability for all our measures, and we ensure that we continue to improve.



Klaus-Günther and Eva Wiesler, CEOs of Seehotel Wiesler GmbH

Participating in EMAS has brought a clear structure to our environmental management. This makes our environmental measures more effective and provides transparency for our guests,



employees, suppliers and partners.

The Seehotel Wiesler GmbH has been registered with EMAS since 2006.

► Our hotel is a family-run business in the small town of Titisee, located on the shore of the lake. We are a four-star hotel and spa offering over 40 rooms, with 60 beds,

3 suites, a restaurant with café and extensive spa facilities located in one of the most beautiful natural areas in the world, the Upper Black Forest.

■ At the Seehotel we are committed to sustainable and environmentally friendly corporate management, so that our guests can experience the natural beauty of our area today and far into the future. The conservation, preservation and care of this landscape secures our future and that of coming generations.

That's why we support active environmental protection at the same time as achieving a high level of comfort for our guests. We act according to ecological principles; environmentally aware, modern and in a sustainable manner. This means that we conserve raw materials, carry out environmentally friendly recycling and avoid the use of polluting products.

All our employees are involved in our environmental management system. This guarantees that we reach the goals we have set. As an environmental hotel, we wish to act as a role model and encourage others to enjoy and preserve the beauty of nature.

## Construction and housing



**Michael Niestroj**, CEO of STADT UND LAND Wohnbauten GmbH, Berlin

*Environmentally orientated action begins with a thought. Even small changes can have big effects. We were thus able to become the first urban housing corporation in Germany with the European Union's environmental certificate. Competency, responsibility, sustainability – what holds true for our relationship to the environment also*

*holds true for our commitment to our tenants.*



STADT UND LAND is the first urban housing corporation in Germany with an EU environmental certificate.

► Every little counts. STADT UND LAND is the first urban housing corporation in Germany with an EU environmental certificate.

With 45,400 flats of our own and 5,600 flats managed for external parties, as well as multiple dwellings, playgrounds, tenants' gardens, parks and industrial objects, STADT UND LAND is one of the six large urban housing service corporations in the city of Berlin. For years, STADT UND LAND has employed consistent environmental management. We unite modern, customer-orientated service and sustainable, environmental action – as pioneers in Germany.

STADT UND LAND's "green" commitment began in 1998. Five years later, we introduced a comprehensive environmental management system which provided binding rules for all employees. Thanks to this more stringent environmental profile, we further optimised our work, subjected all renovation projects to an environmental check, introduced solar power panels and created attractive neighbourhoods with more green areas for the city. We aim for a long-term sustainable balance of our economic, social and environmental targets. Our tenants appreciate this. ■



**Jürgen Küspert**, CFO of GEALAN Fenster-Systeme GmbH

*Since 1996, EMAS has been an important element in our sustainable management. It helps us to implement the comprehensive European and national environmental regulations. Thanks to our commitment to EMAS, we're even known as a SME outside the windows sector.*



The two German sites of GEALAN Fenster-Systeme GmbH, Oberkotzau in Bavaria (see logo) and Tanna in Thuringia (DE-154-00004) are registered with EMAS.

► As a producer of plastic window systems, GEALAN began looking for a suitable environmental management system in 1995. Our natural conclusion was to participate voluntarily in the system of the European Union, the body which is responsible for most of today's environmental laws. Looking at our activities as a whole helps EMAS to pinpoint early safety and environmental risks for the

entire lifecycle of our long-lived products. The participation of our employees helps us to set ever new targets with which we can improve our environmental performance and both conserve resources and save on costs.

We advocate the European environmental management system because we believe in environmental protection. That's why, for example, we participate in business/government partnerships such as the Environmental Pact of Bavaria and the Sustainability Agreement.

As one of the leading companies in our sector in Europe, we have a responsibility in other countries as well. That's why our sites in Lithuania and Romania were national forerunners in implementing ISO 14001, EMAS's management component. ■



**Karl Sommermeyer**, CEO of the himolla Group

*Himolla, a producer of high-quality functional upholstered furniture, has participated in EMAS*

since 1998. Sustainability is an integral component of our corporate policy and allows us to improve our products continuously. To us, EMAS is a decisive economic factor.



EMAS  
GEPRÜFTES  
UMWELTMANAGEMENT  
DE-155-00143

The himolla Group, including himolla Postermöbel GmbH, himolla Service GmbH and himolla Logistik GmbH & Co. KG, is registered with EMAS.

► As one of the largest producers of upholstered furniture in Europe, himolla Polstermöbel GmbH has a social responsibility. We've voluntarily made a commitment to protect natural resources and use materials and energy sparingly.

By setting quality and processes standards we achieve product and process reliability through the participation of our employees, managers and foreign workers in our production site in Taufkirchen, Vils and our subsidiaries. Sustainability forms the basis of all our activities.

This has allowed himolla Polstermöbel GmbH to achieve upholstered furniture technology transfer to our Eastern European subsidiaries. Our goal is to improve our economic performance and at the same time reduce the environmental impact of all himolla Group sites. ■



**Helmut Link**, Management Board member for Sales of Interstuhl Büromöbel GmbH & Co. KG

*The Interstuhl Company's environmental management system has become an integral part of our corporate management since our first certification in 1996. EMAS is particularly well-adapted to helping us to improve our corporate environmental protection, save on costs and gain new market opportunities.*



EMAS  
GEPRÜFTES  
UMWELTMANAGEMENT  
DE-168-00006

The Interstuhl Büromöbel GmbH & Co. KG has been registered with EMAS since 1996.

► At Interstuhl, environmental management, quality management and our corporate philosophy are indivisible. The ecological dimension is not just one more factor, but an integral part of all our corporate activities, from the design of a chair to the well-thought out recycling concept at the end of its lifespan.

Interstuhl does not see corporate environmental activities as a burden, but rather as a trust-building measure aimed at all

stakeholders – whether employees, clients, suppliers, government authorities or neighbouring states. ■



**Horst Seipp**, CEO of Seipp Wohnen GmbH

*We see ourselves as part of the natural surroundings of the High Rhine and want to make an active contribution to preserving this region for the enjoyment of coming generations. The pilot project "Öko-Audit für den Handel" ("Eco-Audit for Trade") made us see that an integrated management system is the right way to achieve this goal.*



EMAS  
GEPRÜFTES  
UMWELTMANAGEMENT  
DE-144-00038

The Seipp Wohnen GmbH Company, with its sites in Waldshut and Tiengen was, in 1999, the first retail trade company in Europe to be validated by EMAS.

► When we initiated the pilot project Eco-audit for Trade in the 1990s, we had no idea of the comprehensive and thoroughly positive effects an environmental management system would have on our entire com-

pany. Many years have passed since we were the first retail trade company in Europe to have a validated eco-audit in 1999. Thanks to EMAS, we have been able to improve our internal organisational structure continually. The management system has become a second skin for our 120 employees. Our enthusiastic and committed environmental team is a great help in setting new goals and working towards them.

One of our main concerns is to provide sustainable furnishings which measure up to our environmental standards and those of our customers. To emphasise the importance of this goal, for many years we've conducted surveys of our suppliers – and to great effect. Many of the producers we've asked have proved to us that they, above and beyond the legal requirements, go out of their way to give our customers a choice of furniture, lamps, home textiles and accessories that are beyond reproach not only in terms of quality, but also in terms of their environmental impact. ■



**Martin Wagner**, Environmental Protection Officer and **Hans L. Wagner**, CEO of BIM Textil Mietservice Betriebshygiene GmbH

*We support EMAS because nature is humanity's most valuable possession. It is the source of all life and was entrusted to us with the legacy of preserving it for coming generations. In EMAS, we have a long-term, sustainable and systematic environmental management system that all companies should use.*



The BIM Textil Mietservice Betriebshygiene GmbH has been registered with EMAS since 1998.

► The careful use of natural resources is of greatest importance to us. For this reason we – the top managers and every single employee of our company BIM Textile Mietservice Betriebshygiene GmbH – want to make a contribution to the preservation of our environment that is open to public scrutiny. Our company was one of the first in Germany to subject itself to the EMAS

procedure in which all corporate activities are presented for validation. Environmental protection means to us not only avoiding or reducing waste, contaminations, air and water pollutions, but also using cleaning agents and detergents sparingly to avoid residua.

Even a medium-sized company such as BIM Textil Mietservice Betriebshygiene GmbH can do its share for a better environment. To make sure that our good intentions are implemented long-term and consistently, and our commitment to environmental protection doesn't get lost in the daily hustle and bustle, BIM decided to be validated in line with EMAS. This gives us a structure to formulate goals, channel procedures and document our achievements.

We also aim to achieve additional transparency in our corporate input and output impacting on the environment. ■

## EMAS and educational institutions



**Gerd-Rüdiger Kück**, Director of Administration and Finance at the University of Bremen

*The University of Bremen's environmental management system was certified to EMAS in 2004.*

*In the three years following certification, the University of Bremen's environmental policy has continuously improved.*

The University of Bremen is registered with EMAS.

► Environmentally sound activities are one of the University of Bremen's main targets and are thus an integral component of all university concerns, whether in teaching, research or administration. Based on our objectives, we have developed an environmental policy tailored specifically to this site and incorporated it into the University's environmental guidelines. The University of Bremen has designed its environmental man-

agement as a continuous and sustainable process which further develops environmental protection and offers structured improvement of our environmental performance. ■



**Prof. Hermann Kokenge**, Rector of the Technical University of Dresden

*As an institution of higher education, it is our duty to install in our students a sense of responsibility for the environment. Our participation in EMAS demonstrates our own commitment to environmental protection.*



The TU Dresden was in 2003 the first technical university in Germany to register with EMAS.

► The size of the TU Dresden, with its approximately 35,000 students and more than 7,000 employees, and the usual high fluctuation

rate of a university make raising awareness for environmental protection through information and communication an enormous challenge. The TU Dresden shall continue to rise to this challenge. In the coming years, our goal is to improve the environmental management system implemented by the University still further and to step up our cooperation with other universities and colleges. ■

► The Leuphana University Lüneburg has had a successful environmental management system for many years for which it, as one of the first European universities, received the approval of the EC Eco-Audit Regulation (EMAS) in the year 2000. We see it as part of our social responsibility to apply the knowledge won in research directly in the daily routine of university life. The University's central campus has been operated on a climate-neutral basis as of 2007. It is one of the Leuphana University Lüneburg's stated goals to make a contribution to the sustainable development of civil society in the 21st century through education, research and transfer. ■



**Prof. Sascha Spoun**, President of Leuphana University Lüneburg

*As future decision-makers, our students work with us on innovate sustainability projects and thus learn to take on responsibility for the common good. Our system of environmental protection also shows them that to us environmental management is not only theory, but can work in the daily routine of a university.*



The University of Lüneburg has been registered with EMAS since May 2000.

**Kurt Stephan**, Head of the Technical Department and Environmental Management Officer of Kehl Vocational Schools

*In our commitment to the environment, we as a school fulfil the key role expected of education and training institutions on the path towards a sustainable society: preserving the natural basis on which life depends, making economic*



*prosperity possible and creating social justice. EMAS gives us a framework within which we can identify with the goals we have set ourselves and continuously work on them.*



The Kehl Vocational Schools have been registered with EMAS since 2004 and received the German Environmental Reporting Award for their first environmental statement in 2003.

► Since February 2004, we have subjected ourselves to an exacting environmental review in accordance with EMAS. EMAS, the Eco-Management and Audit Scheme, defines strict criteria for environmental protection. Continuous improvement of our environmental performance, legal conformity and providing public information are the main goals. Our environmental report for 2006 provides this information. ■



**Gaby Schwartz**, Head Teacher of Gesamtschule Bexbach in the Saar-Palatinate district

*One can't begin early enough with education for sustainable development, if we as a school are to give children and young people the opportunity to gain the skills necessary to help create a present and future worth living in. We must create the conditions, particularly in schools, for a development which allows us to fulfil the needs of today's generation without endangering the needs of future generations. To this end, EMAS provides an ideal management system.*



The Gesamtschule Bexbach comprehensive school has been registered with EMAS since 2007.

► Environmental education and training environmental protection has for many years been an important guiding principle of the Gesamtschule Bexbach's educational mission and takes up an increasing share of both specialised and general lesson plans. To convey the importance of sustainable education, it is not enough just to include it in lessons and projects.

Since our school has voluntarily undergone the process of EMAS approval. With our action, we want to act as a role model and do our part towards helping the children and youth entrusted to us to become mature, aware citizens, who take on responsibility for their future and that of coming generations. School is an ideal place to network with partners and institutions and to set the course for the future in a global world. ■

## Voices of young scientists



**Denis Möller**, National Winner in Earth and Spatial Sciences in “Jugend forscht” 2006, the national competition for young scientists

*I support EMAS – would you like to know why?*

*I'm concerned about the effects of global warming. That's why I support every initiative, whether corporate or private, for the efficient use of resources and energy. Voluntary environmental management based on a European Regulation seems to me to be a good approach.*

► For years I have anxiously been following the discussion on climate change – not because it's in the headlines, but because of my interest in weather and the climate. I strongly support every initiative which brings climate concerns into politics and business. With the current focus on global warming it has become easier to win over companies to act in a manner which is climate-friendly and

conserves resources. But they need an attractive incentive and a sustainable concept. EMAS, I am convinced, provides both. ■



**Jörg Gramich and Phillip Klein**, National Winners in Chemistry in “Jugend forscht” 2006, the national competition for young scientists

*German businesses should remain number one in environmental technology and, with voluntary environmental protection measures, do more than the legislators expect today.*

► In “Jugend forscht” we showed that hydrocarbons such as dodecane, waste oil or plastics can be broken down by adding activated carbon in a commercially available microwave and then disposed of in an environmentally friendly manner. Many such good ideas are just waiting to be implemented for a sustainable future. ■



**Jens Pfeiffer, Christoph Muster and Daniel Schmöle**, National Winners in Physics in “Jugend forscht” 2006, the national competition for young scientists

*Research is constantly developing and progressing. We want to help encourage businesses to take the latest scientific insights on environmental protection into account when making decisions.*

► We want to look forward to a future worth living in, in which everyone takes responsibility for the Earth's ecological problems. We're pleased and relieved that more and more companies and institutions are voluntarily doing their part to secure our future through environmental management ■

## EMAS and agriculture



**Edmund A. Spindler**, expert in Agri-Eco-Audits and author

*EMAS can benefit not only commercial business, but agriculture as well. With an Agri-Eco-Audit farmers can voluntarily gain more legal security, freedom from risks, efficiency and profit while improving their image in line with the principles of sustainability. This and special agricultural assessment methods make EMAS "systematic farmer power in action".*

► For farmers, the EMAS logo is the best way of showing they are committed to environmental protection. The Agri-Eco-Audit isn't about more bureaucracy – it is a solution-orientated concise documentation of environmental issues. This is described in the Environmental Ministry's Practical Manual; a sample case is shown in the film "Bauern-Power mit System".

EMAS is flexible and easily able to meet agricultural needs. It is open for many methods

and the environmental statement automatically lends itself to public relations. ■



**Frank Holland**, Chairman of the Board and **Birgidt Gruber**, Environmental Management Officer of the agricultural cooperative Osterland (Agrargenossenschaft Osterland eG)

*As farmers, we are particularly dependent on a healthy environment, especially healthy natural cycles. Through proper and professional land and animal husbandry, we play our part in securing ecological standards. In this, we stand up to demanding assessment criteria and act according to the exacting European environmental management system EMAS. This system obliges the management and every worker in the Osterland eG Köckritz to improve processes continuously to enhance our environmental performance.*



The Agrargenossenschaft Osterland eG Köckritz has been registered with EMAS since 1999.

► Our agricultural cooperative manages 1,476 hectares, of which 1,350 hectares are agricultural area. We produce mainly market crops and animal feed and run a dairy farm with 368 cows on which we breed our own yearlings. We employ 30 workers including our service sector (workshop/petrol station) and two trainees. The heart of our corporate philosophy is getting the most value added on the basis of environmentally sound agriculture and animal welfare for the well-being of our members and employees.

By implementing the norms of our integrated environmental and quality management system, we ensure verifiable adherence to strict quality standards (consumer protection) in our dairy and cattle production. EMAS helps us to keep achieve a high environmental standard and to document our environmental performance regularly. ■



**Dr Roland Schaette**, Management Representative for the Environment at Dr. Schaette AG, Bad Waldsee

*As a biological pharmaceutical company, we use the power of nature. This is one of the reasons why we want to preserve the environment and optimise resource use – with the help of EMAS.*



Dr. Schaette AG has been registered with EMAS since 1996.

► At Dr. Schaette AG, we believe that we have a particular responsibility for the Earth and its creatures. That's why we were one of the first companies in Germany to put all of our company's environmentally relevant factors to the test. In August 1996, we were rewarded with the EMAS certificate.

We purchase many of our raw materials from organic or biodynamic farms. Most of our energy is provided by renewable sources – for example, photovoltaics, canola oil, a combined heat and power unit, a solar thermal facility and an energy supplier who provides us with green electricity. But environmental protection begins with small steps: paper consumption, packaging material made of biodegradable cornstarch chips or the choice of means of transport. Our employees know this and act accordingly. ■



**Prof. Armin R. Gemmrich**, Professor of Oenology (Wine Science) at Heilbronn University

*Wine is and always will be a natural product. For more than two thousand years, grapevines have been planted and wine produced in Germany. Such sustainable production would not have been possible without respect for nature. German wine growers have a feeling for the environment. EMAS can be a big help in the daily implementation of environmental concerns.*

► In a Konvoi project supervised by the Ministry of Environment, four wineries received EMAS certification and the Heilbronn University created a guide, now available for the use of the wine industry, to introducing the Eco-Audit (EMAS) in wineries. ■

## Healthy food



**Dr Franz Ehrnsperger**, CEO of Neumarkter Lammsbräu

*EMAS is the basis of – and the driving force behind – Neumarkter Lammsbräu's system of sustainability management. With the help of EMAS, we have been able in the past 15 years to reduce the environmental impact of beer production significantly and continuously, to set social targets, and still be economically successful.*

Neumarkter Lammsbräu has been providing so-called eco-controlling reports since before the first EMAS Regulation went into force. In 1995, we were one of the first companies to register with the Eco-Audit Council Regulation EEC No. 1863/93.



► Neumarkter Lammsbräu has been interested in corporate environmental protection since the 1970s. As early as 1995 our envi-

ronmental management system was certified under the European Council Eco-Audit Regulation of the time. ■



**Prof. Claus Hipp**, Hipp Werke

*EMAS is a public declaration in support of the environment, not an empty promise of favours. Setting a good example works best with young people, and that's who it's about. EMAS helps companies to think more economically, because it acts as a catalyst for processes of thought and action. Aristotle defined wisdom, one of the main virtues, as knowing what is right and acting accordingly. EMAS is an expression of such wisdom.*



The HiPP-Werk Pfaffenhofen was one of the first food industry companies to register with EMAS.

► The HiPP Company has long been committed to preserving the environment and protecting creation. That's why in 1995, it was quite natural to us that our site at Pfaffenhofen be the first large food industry company in Europe to participate in EMAS. By introducing an environmental management system we can ensure that environmentalism continues to be implemented consistently within the HiPP group. Since then, we've raised the percentage of renewable energy sources at our Pfaffenhofen plant to 90 % and have reduced our CO<sub>2</sub> emissions from over 10,000 tons to a current level of 630 tons.

We still believe that EMAS is a better management system than ISO 14001. That's why we plan to stick with EMAS in the future. ■



**Arno Schelzke**, CEO of Germania Brauerei GmbH

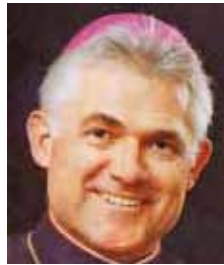
*A brewery steeped in tradition, the Schlossbrauerei Fürstlich Drehna is closely connected to life in the region. Through active environmen-*

## EMAS and the churches

*tal protection and sustainable corporate policies we do our part to preserve the natural beauty of the area. The EMAS environmental management system provides us with a European standard under which economic activities meet ecological standards.*



The Schlossbrauerei Fürstlich Drehna of the Germania Brauerei GmbH has been registered with EMAS since 2003.



**Dr Bernd Uhl, Auxiliary Bishop in Freiburg and Chair of the Ecological Working Group of the Commission for Society and Social Affairs of the German Catholic Bishops' Conference**

*For Christians, the creation is both a gift and a loan from God. The Christian belief in creation encourages and instructs us to take action, to act responsibly with the things that God has created, to protect them, care for them, and share them in a just manner. The ethical impact of this belief in creation is translated into everyday activity in the environmental management practised by the institutions of the church.*

► The Schlossbrauerei Fürstlich Drehna is a modern business. We are able to hold our place successfully in the brewery market as a niche supplier with a consistent focus on customer-orientated special products and sustainable ecological production. We achieve these results by concentrating on unique, innovative products and consistently implementing our quality standards.

The Schlossbrauerei Fürstlich Drehna believes that EMAS is the ideal instrument for implementing environmentally friendly management in a medium-sized company. Ecology and economy are not contradictions, but go hand in hand in corporate activity. ■

► Global climate change represents perhaps the greatest threat to the basis of existence for current and future generations. It demands urgent action in the form of resource conservation and sustainable development. Environmental management with its ecological approach to all areas of activity makes such action possible. Church institutions and parishes in the dioceses of

Eichstätt, Rottenburg-Stuttgart and Würzburg, the abbeys of Benediktbeuern and Schlehdorf, the International Encounter Centre at the Cistercian Abbey of St. Marienthal, the Catholic Academy in Munich and the Catholic Academy of the Archdiocese of Freiburg in Breisgau have all implemented systems of environmental management and are registered with EMAS. They set an excellent example for other church bodies and can also serve as motivators for public institutions and the corporate sector.

The EMAS system of environmental management figured large in the organisation of the World Youth Day in Cologne in 2005. A number of steps were taken to reduce power and water consumption, as well as to ensure environmentally friendly catering services and sustainable mobility.

World Youth Day was a good example of how environmental management is possible even at major events. Environmental management by the church follows the same quality standards as projects in the business world: the difference lies in the fact that the church's institutions have a special educational and pastoral duty. ■



**Sister Gerda Friedel, Director of Regens Wagner Zell**

*Protecting God's creation is an important principle guiding our actions. For the community of the Dillingen Franciscan Sisters and for all those who work in our house, a profound respect for life is a central part of our personal conviction. This is part of Franciscan spirituality. By signing up to EMAS, we decided voluntarily to implement a system that enables our environmentally friendly day-to-day activities to be recognised and monitored on an objective basis.*



Regens Wagner Zell is registered with EMAS.

As early as 2002, we decided that we should have our efforts to improve our daily practice of environmental protection at Regens Wagner Zell certified within the framework of EMAS. The Director and a number of staff working in different parts of the organisation are trained as environmental auditors so that we could meet the requirements. Improving our environmental performance had for a

long time been high on our agenda. In the building work we carried out, in our use of resources and in our teaching activities in the area of the environment, we had always strived towards an environmentally friendly approach. EMAS allows us to record our various actions within a single framework that is then checked regularly by an external verifier.

We are an institution of the church providing comprehensive help for people of all ages with hearing impairments and multiple disabilities. Raising awareness among those living with us is a central part of our activities. That's why we also organise regular educational activities in the area of the environment, including exhibitions and cultural events. ■



**Dr Hermann Barth, President of the Ecclesiastical Office of the Protestant Church in Germany**

*Environmental management requires standards that stretch us without being overwhelming.*



*Orientating ourselves towards EMAS has helped us to move forward in our contribution to safeguarding God's creation.*

The Ecclesiastical Office of the Evangelical Church in Germany has been registered with EMAS since 2004.

► The Ecclesiastical Office of the Protestant Church in Germany (EKD) is a medium-sized organisation with just under 200 employees, based in Hanover. In 2001, we began setting up a system of environmental management in line with EMAS. In autumn of 2003, we agreed our first environmental programme. Since then, the Ecclesiastical Office has regularly received EMAS certification.

Why are we involved in this area? For us, the natural basis of existence is gift from God to humanity. We must therefore treat it with care. Being involved in environmental protection is a way of contributing to safeguarding God's creation.

The EMAS system for environmental management ensures that our targets and standards are not based on what we ourselves think best, but what the experts say. They are challenging, but achievable. They stretch us without being overwhelming. The key thing that helps us to meet these targets is the engagement and creativity of our workforce.

Environmental management should not be viewed as a tiresome duty, but as a matter of the heart. If we succeed in making it this, we can always find a way to combine ecological and economic frameworks constructively through sustainable development.

It is our hope that the positive experience of the Ecclesiastical Office of the EKD in this area will also encourage other organisations to orientate themselves towards EMAS and get involved in safeguarding God's creation. ■



**Alfred Buß, Praeses of the Protestant Church of Westphalia**

*EMAS – an important step for a church with a future*

*Climate change is not a matter of fate: it is possible to treat God's creation with care. EMAS helps us to follow this path in a consistent and credible fashion.*

► I am very grateful that many congregations and church bodies have taken up the

challenge and started out on the road towards managing their buildings on an ecological basis – applying energy-saving concepts by installing solar panels on church roofs, for example.

The introduction of environmental management systems within EMAS in the Protestant Church of Westphalia helps congregations and church institutions to get involved in climate and environmental protection in a series of continuous, verifiable steps. It enables them to reduce their energy consumption systematically while involving a large number of people. That's not only good for the environment and for climate protection – it's also good for parish life.

Following the success of the first 60 institutions in our pilot project, all of which are already certified or about to receive certification with EMAS, we would now like to invite all church communities and institutions to introduce a system of environmental management.

This is an area where congregations, church institutions and bodies can send out a powerful message of hope. Climate change is not a matter of fate: it is possible to treat God's creation with care. EMAS helps us to follow this path in a consistent and credible fashion. ■

## EMAS easy



**Dr Fritz Brickwedde**, Secretary General of the Deutschen Bundesstiftung Umwelt (DBU)

*Without a sustainable strategy, no company can enjoy long-term success. For this reason the Deutsche Bundesstiftung Umwelt supports the communication processes that lead to the implementation of EMAS and sustainability management within businesses*

► The DBU is the world's largest environmental foundation. It promotes exemplary environmental projects in the fields of environmental technology and research, nature conservation and environmental communication. Many smaller businesses consider the cost of introducing a system of environmental management in line with EMAS to be too high without external support. Here, the European "EMAS Easy" model is the right approach, allowing implementation to be optimised. The DBU supports the introduction of this concept to Germany. ■



**Heinz-Werner Engel**, Business Economist and Environmental Consultant, Eco-Conseil Entreprise, Brussels

*Why do we support EMAS? Because it's cool. Because it makes sense. Because it translates thoughts into actions. Because it promotes innovative thinking. And because it's practical for small businesses.*

*Getting involved in environmental protection and sustainability can often make good sense from a business perspective. But above all it reflects a modern, responsible corporate culture.*

Eco-Conseil Entreprise scrl in Brussels advises small organisations on implementing "EMAS Easy" and participates in the European EMAS Helpdesk. In addition, since the end of 2006, it has itself been registered with EMAS – with Registration Number 007.



► For us EMAS is and always has been a strict approach, but one that makes sense. We have completed our mission – and that's something we are proud of. Of course, EMAS is about environmental and corporate culture, not popular culture. But it's still modern, cool, zeitgeisty. For us, EMAS is an icon of transparency, credibility and commitment to sustainable development.

For many small business, however, EMAS lacks sex appeal. It scares them. This is probably because the hurdles that they needed to jump through in the past in order to receive this unique voluntary European environmental registration were very high. They remain so today: detailed paperwork, environmental law, complicated processes, prophecies of doom, little recognition and above all high costs for consultants and external auditors.

EMAS itself was never the problem – rather, it was the general framework in which EMAS operated. So with our four-person team we tried to develop a new, lean approach. Smart methods rather than paperwork. Carbon dioxide-neutral, environmental audits prior to project start, innovation and creativity. Straightforward and easy.

This is EMAS Easy – simple, robust and helpful. The methodology is published on the Internet and freely available to all. In autumn it will be translated into 25 different languages. ■



**Hans-Ulrich Thalhofer**, Director of the Saar-Lor-Lux Umweltzentrum des Handwerks (Saar-Lor-Lux Environmental Centre for Small Industries and Skilled Trades)

*We have signed up to EMAS as it is the best scheme for us as an SME:*

- 1) It offers a good balance of costs and benefits
- 2) It improves our business operations, environmental performance and our public image
- 3) It is significantly cheaper than ISO 14001.



The Saar-Lor-Lux Umweltzentrum GmbH has itself been registered as an EMAS site since 2003.

► At the Saar-Lor-Lux Umweltzentrum in Saarbrücken we see one of our main tasks as advising small businesses engaged in skilled trade on questions of environmental protection and health and safety. With some 10,000 companies in the Saarland engaged in a wide range of different trades, this advice work is both challenging and varied.

An important focus of our work in recent years has been introducing EMAS in small and medium-sized enterprises. This has included running both national and international projects. We have also recently completed a pilot project for EMAS Easy (“100% EMAS”) in Germany, with the support of the DBU.

EMAS offers clear advantages over ISO 14001 for small companies. These include certified legal conformity, official registration, a credible environmental statement and an external audit that is usually carried out only once every three years, rather than annually – which means significantly lower external costs. The decisive factor, however, is that small business engaged in skilled trade that are registered with EMAS enjoy a considerably lower liability risk, as they themselves are actively engaged in making sure that they meet the legal standards – and have official certification to prove it. Given the reduction in state controls, this can make a considerable contribution to safeguarding a company's future.

In addition, companies benefit from the data transparency they achieve in the areas of energy, water, fuel, waste management, and so on. Having clear, reliable data on these areas helps them to make well-founded business decisions – for example, where to invest or what production changes to introduce. ■

## Associations for sustainable management



**Prof. Maximilian Gege, Member of the Executive Committee of B.A.U.M. e. V.**

*We believe that EMAS is an exceptionally important system and one that should be implemented by as many businesses as possible. EMAS can make a decisive contribution to establishing an environmental and sustainability strategy within a company in a consistent and successful manner. This in turn ensures the long-term success of the business. At the same time, adopting EMAS is an appropriate response to the widespread call for companies to act responsibly towards the environment and society.*

► We believe that EMAS represents an excellent opportunity for companies to improve their operating processes. By saving on energy, waste water and raw materials, and using them in a more targeted way, companies can make a valuable contribution to reducing carbon dioxide emissions and

their level of resource consumption. Implementing EMAS requires companies to carry out a critical, systematic and comprehensive analysis. It also means that the public is regularly informed about the company's environmental performance from an objective standpoint, and this in turn improves the company's image.

B.A.U.M. has long drawn attention to the economic, ecological and social – i.e. sustainable – advantages of EMAS. Our objective is to establish EMAS in as many businesses as possible. ■



**Kurt Weissenbach, Chairman of the Board of Modell Hohenlohe – Netzwerk betrieblicher Umweltschutz und nachhaltiges Wirtschaften (Network for Corporate Environmental Protection and Sustainable Business)**

*We work with EMAS because we believe that we should be thinking today about tomorrow. Our business managers feel closely connected to the people in the region. They want to conserve natural resources for the future and safeguard jobs and traineeships in their own country. For this reason they are continually improving their resource efficiency and reducing their emissions into the environment. EMAS helps them to combine progress in the area of environmental and climate protection with economic benefits.*

► Modell Hohenlohe e.V., a network of companies, was founded by a group of innovative business people in North-East Baden-Württemberg in 1991. From our foundation we have stood for corporate responsibility in the area of environmental and climate protection.

Our objective is to make improvements in environmental and climate protection that go beyond the legal requirements. In addition, we strive to improve our competitiveness through economic benefits. We have taken a leading role in applying the “EMAS Easy” method. This is based on a visualisation of processes that impact on the environment, and helps companies to introduce EMAS.

EMAS Easy also provides a number of tools that can help companies to develop a fully functioning environmental management system within EMAS, which can then

be certified. Five small and medium-sized enterprises were successfully certified in July 2007. For us, EMAS is a building block –

a way to protect the opportunities for financial prosperity and a liveable environment for future generations. ■

## Small industries and skilled trades



**Volker Schuhmacher**, CEO of Uder Elektromechanik GmbH

*Legal security, transparency over operating processes, and public relations were the main reasons for introducing the voluntary system of environmental management at Uder Elektromechanik. This also improves our competitiveness and safeguards the future of our company and our jobs.*



As early as 1996, we recognised at Uder Elektromechanik GmbH that our environmental protection policy would help

ensure the continued existence of the company and safeguard jobs. We were the first business providing skilled manual services in the electronics sector in Europe to introduce EMAS. In 2006, our 40-strong workforce generated around EUR 5 million in sales.

► Uder Elektromechanik provides a full range of services relating to industrial drive systems in the Saarland. Our key clients include the numerous automobile suppliers and metallurgical plants in the region and clients from the food industry.

We encourage our workforce to feel personally responsible for the environment and behave in an ecologically aware fashion. We run training sessions and briefings to promote environmental understanding in all our areas of operation and activity. EMAS has proved a highly effective tool for helping to improve our environmental performance on a systematic, ongoing basis. ■



**Michael Steinmetz**, Owner of Fleischerei M. Steinmetz, Brauneberg

*At Fleischerei M. Steinmetz we have achieved continuous improvement in all our production processes that impact on the environment. This, and the resulting energy savings to our family-run business, prove that EMAS is not only an tool for big industrial companies, but also a useful scheme for local traders.*



Fleischerei Steinmetz has been certified to EMAS since 1998. In 2005 it was nominated by Germany for the European Commission EMAS Award.

► Our butcher's business has existed as a family business since 1898. In 1983 we relocated to Moselweinstraße in the heart of Brauneberg. We produce high-quality meat, sausages and speciality foods – over 65 different products in total – according to ecological principles.

Each year we carry out an inventory processes to identify the areas where we need

to take action. As a small business, we only have a limited budget for environmental steps and we have to ensure that we use this budget effectively. Environmental management has helped us to reduce our energy and water consumption, as well as to improve our preventative measures and liability plans.

Our eight-page environmental statement proves that EMAS can be implemented by small businesses without a lot of paperwork. For our engagement we were awarded the European EMAS Award. ■

## EMAS and sustainability



**Dr Volker Hauff**, Chair of the German Council for Sustainable Development

*Today more than ever, sustainability and innovation determine the survival prospects of companies. The fact that we now have a number of different approaches to environmental management is due in part to EMAS.*

► Today more than ever, sustainability and innovation determine the survival prospects of companies. The fact that we now have a number of different approaches to environmental management is due in part to EMAS. However, a minority of companies have taken up the challenge to date. The state and the corporate sector world must inject new momentum into the area of environmental management.



**Prof. Claudia Kemfert**, Head of the Energy, Transportation and Environment Department at the German Institute for Economic Research - DIW

*Sustainable business means conserving resources, protecting the climate, using energy supplies efficiently and employing innovative, carbon dioxide-free technologies for the provision of power and mobility.*

► EMAS is of particular interest because it's an excellent way to strengthen key areas of environmental management in business. Companies that fail to respond to the increased demands of the environment and climate protection will not be able to survive on the market in the long term. This makes it crucial to promote environmental management from within the companies themselves. EMAS is a successful network for environmental protection.

## The view of the accreditation body for environmental verifiers



**Dr Markus Racke**, Managing Director of DAU, the German Accreditation Body for Environmental Verifiers

*EMAS is an audit process. Companies' contributions to environmental protection are documented and made fully transparent by means of regular checks within a clear and binding legal framework.*

► Surveys show that people are focusing their attention on environmental matters once again. They have clear expectations of companies and organisations and what they should be doing. Environmental issues have an impact on customers' purchase decisions. Politicians and legislators are also pushing for increased environmental protection. It is no longer sufficient for companies to react to demands from legislators or markets on a purely ad hoc basis. What is needed is strategic action and a forward-looking,

pro-environment strategy for the company's medium- and long-term development.

EMAS is a key management tool in the response to this challenge. The EMAS environmental statements are a unique tool that allows companies to tell individual customers and society in general about the particular environmental features of their technology, manufacturing processes or services. EMAS provides access to individuals and groups that regard environmental protection as an important characteristic of responsible organisations with modern processes, products and services. It allows companies to document their environmental strategy in a transparent, sustainable and credible way.

DAU GmbH is the German body for the accreditation and supervision of environmental verifiers. Our environmental verifiers check that companies and organisations are applying EMAS properly. Our experience at DAU shows that the system works: participants in EMAS are successful and make sustainable contributions to greater environmental protection. We recommend others to join: recognition will follow.

## More about EMAS

The following brochures and leaflets provide more information about EMAS and can be ordered directly from the Environmental Verification Committee

**Brochure:**

**Die EMAS-Umwelterklärung - fundiert und anschaulich gestalten**

Praktische Hinweise zur Erstellung einer Umwelterklärung, Berlin, November 2003, 52 pp. (available in German only)

**Brochure:**

**Das EMAS-Logo – öffentlichkeitswirksam verwenden**

Tipps zu den Verwendungsmöglichkeiten des EMAS-Logos, Berlin, November 2003, 44 pp. (available in German only)

**Brochure:**

**10 Jahre EMAS – nachhaltig und umweltbewusst Wirtschaften in Deutschland**

UGA-Broschüre mit Praxisbeispielen, Berlin, December 2005, 60 pp. (available in German only)

**Leaflet:**

**Umweltmanagement: EMAS – Mehrwert inklusive**



2-page folded leaflet, Berlin, 2006 (available in German only)



**Leaflet:**

**Der Umweltgutachterausschuss – Eine Einrichtung im Umweltmanagement nach der EG-Öko-Audit-Verordnung**

2-page folded leaflet, Berlin, January 2005 (available in German only)



## Internet sites

**Home page:**

[www.emas.de](http://www.emas.de)

**EMAS register:**

[www.emas-register.de](http://www.emas-register.de)

**Accreditation of environmental verifiers:**

[www.dau-bonn-gmbh.de](http://www.dau-bonn-gmbh.de)

**Guidelines on the Environmental Audit Act (UAG):**

[www.uga.de](http://www.uga.de)

Up-to-date information about EMAS can also be found on the websites of the Federal Ministry of the Environment, the Federal Environment Agency, the responsible departments of the federal states, the Chambers of Industry and Commerce, and the Chambers of Small Industries and Skilled Trades.

# Environmental Verification Committee

The Environmental Verification Committee (UGA) of the German Federal Ministry for the Environment, Nature Conservation and Nuclear Safety issues guidelines for the accreditation, examination and supervision of environmental verifiers. It makes a key contribution to the credibility and transparency of the EMAS system. A wide range of interest groups are represented in UGA: 25 members and corresponding representatives from trade and industry, environmen-

tal verifiers, environmental administration on a federal and state level, trade unions and environmental associations. Since 2002, UGA has been charged with the task of promoting the dissemination of EMAS – alongside the federal states and the chambers of industry, commerce and trade.

To this end, UGA has a special working group “Marketing, Communication and Promotion of EMAS”. Following an advertising cam-

campaign to raise awareness of the EMAS logo, financed by the federal administration and the federal states in 2001, UGA decided in January 2007 to launch a new campaign. This campaign – of which this brochure forms a part – features advocates speaking on behalf of EMAS. Echoing the keywords in German environmental policy, the campaign motto is “Innovativ. Nachhaltig. Umweltbewusst. – Wir für EMAS” (“Innovative. Sustainable. Environmentally Aware – Voices for EMAS”).

The Chair of the Environmental Verification Committee, Dr Michael Schemmer, approached potential EMAS advocates and invited them to submit their photographs and a statement to help raise awareness of the system of environmental management. After the launch of Phase 1 of the campaign,

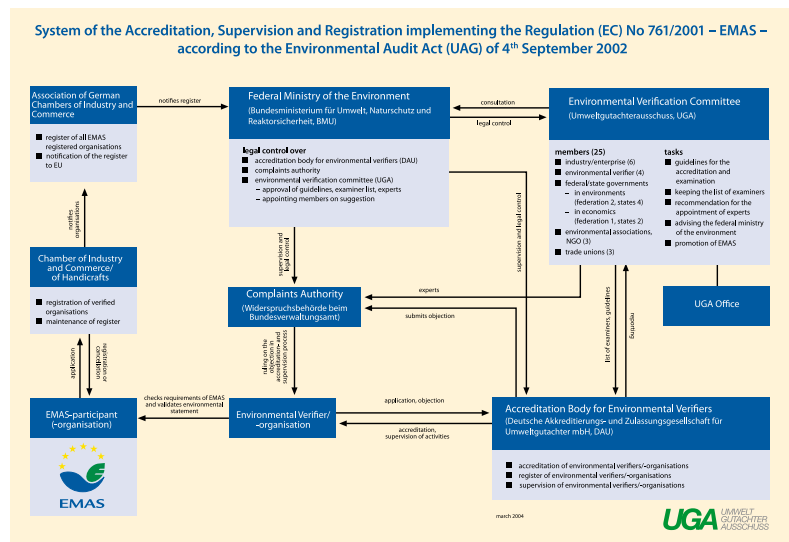
in which 40 prominent figures participated, statements from a further 60+ individuals were published on the Internet in September 2007. These individuals are by and large representatives of companies and organisations registered with EMAS. By contributing their own perspectives and talking about their practical experience with the environmental management and audit scheme, they are a powerful advertisement for EMAS.

UGA would like to take this opportunity to offer our thanks to the various stakeholder groups that have participated in this campaign. Not just for their many years of engagement as leaders in environmental management, but also for their willingness to promote EMAS in this way, by giving their voices to support the dissemination process.



Federal Minister for the Environment Sigmar Gabriel and the former Managing Director of UGA, Thomas Kiel, present the campaign at the ECOTEC 2007 in Essen. Source: Lokomotive.de

Illustration: Organisation of the EMAS system in Germany



## Environmental Verification Committee 2008 - 2010

In 2008, the Environmental Verification Committee (UGA) started its 5<sup>th</sup> period of office (2008 - 2010). From the same time, committee membership changed, and the UGA office is being managed by a different team.

Chairman of the UGA continues to be **Dr Michael Schemmer**, who had already been chairman for the last period. Dr Schemmer is the Senior Director for Health, Safety & Environment of Bombardier Transportation which has been registered according to EMAS since 1995.

**UGA** UMWELT  
GUTACHTER  
AUSSCHUSS

The newly appointed staff members of the UGA office are:

Karsten Schomaker  
Managing Director

Andreas Buschhüter  
Esther Kraft  
Administrative officers

Claudia Koch  
Back Office / Webmaster

### Contact address

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Photo: J. Oppermann

*The President of the Federal Environment Agency, Prof. Andreas Troge in conversation with the UGA Secretariat at the handing over ceremony of the EMAS registration Certificate in Dessau-Roßlau.  
From left to right: A. Buschhüter, E. Kraft, Prof. A. Troge, K. Schomaker, C. Koch*

## Participants in the Internet campaign

The blue figures refer to the page on which the relevant statement appears.

**38 Dr Hermann Barth**, President of the Ecclesiastical Office of the Protestant Church in Germany

**26 Dr Michael Beckereit**, Managing Director of Hamburg Waterworks GmbH

**28 Bettina Gräfin Bernadotte**, Mainau GmbH

**6 Petra Bierwirth**, Member of the German Bundestag, Chair of the Committee on the Environment, Nature Conservation and Nuclear Safety of the German Bundestag, SPD

**27 Werner Böllinger**, CEO of Cologne Transport Services (KVB)

**19 Dr Nikolaus von Bomhard**, Chairman of the Board of Management of Munich Re

**39 Dr Fritz Brickwedde**, Secretary General of the Deutschen Bundesstiftung Umwelt

**38 Alfred Buß**, Praeses of the Protestant Church of Westphalia

**23 Dr Brigitte Dahlbender**, Chairperson of Friends of the Earth Germany (BUND) Regional Association Baden-Wuerttemberg

**36 Dr Franz Ehrnsperger**, CEO of Neumarkter Lammsbräu

**39 Heinz-Werner Engel**, Business Economist and Environmental Consultant, Eco-Conseil Entreprise, Brussels

**37 Sister Gerda Friedel**, Director of Regens Wagner Zell

**18 Martina Fuchs-Buschbeck**, CEO, Oktoberdruck AG

**26 Helmut Fuß**, Technical Director of energis GmbH

**4 Sigmar Gabriel**, Federal Minister for the Environment, Nature Conservation and Nuclear Safety

**40 Prof. Maximilian Gege**, Member of the Executive Committee of B.A.U.M. e. V.

**36 Prof. Armin R. Gemmrich**, Professor of Oenology at Heilbronn University

**17 Andreas Genz**, Chairman of the Board of Management, Stora Enso Kabel GmbH & Co. KG

**5 Michael Glos**, Federal Minister for Economics and Technology

**7 Tanja Gönner**, Minister of the Environment of the Federal State of Baden-Württemberg

**34 Jörg Gramich and Phillip Klein**, National Winners in Chemistry in "Jugend forscht" 2006, the national competition for young scientists

**24 Wolfgang Guhle**, Managing Director of the Federal Association of Environmental Action Groups (BBU)

**9 Matthias Güldner**, Chair, Parliamentary Group Bündnis 90/DIE GRÜNEN, Bremen Parliament

**42 Dr Volker Hauff**, Chair of the German Council for Sustainable Development

**12 Prof. Jochem Heizmann**, Member of the Board of Management, Volkswagen, Production Division

**12 August Wilhelm Henningsen**, Chairman of the Executive Board of Lufthansa Technik AG

**28 Klaus Herrmann**, CEO of Kreiskliniken Kassel GmbH

**25 Mayor Dirk Hilbert**, Dresden's Councillor for Economic Affairs

**36 Prof. Claus Hipp**, Hipp Werke

**7 Walter Hirche**, Minister for Economics, Labour and Transport, Lower Saxony

**17 Dr Ulrich Höke**, Managing Director, Stora Enso Sachsen GmbH

**35 Frank Holland**, Chairman of the Board and **Birgdt Gruber**, Environmental Management Officer of the agricultural cooperative Osterland (Agrargenossenschaft Osterland eG), Köckritz

**21 Berthold Huber**, President of the Industrial Trade Union Metall (IG Metall)

**19 Ulrich Jansen**, Chairman of the Board, Provinzial Rheinland

**42 Prof. Claudia Kemfert**, Head of the Energy, Transportation and Environment Department at the German Institute for Economic Research

**32 Prof. Hermann Kokenge**, Rector of the Technical University of Dresden

**28 Peter-Mario Kubsch**, Studiosus Reisen München GmbH

**32 Gerd-Rüdiger Kück**, Director of Administration and Finance at the University of Bremen

**9 Renate Künast**, Chair, Parliamentary Group Bündnis 90/Die Grünen

**30 Jürgen Küspert**, CFO of GEALAN Fenster-Systeme GmbH

**31 Helmut Link**, Management Board member for Sales of Interstuhl Büromöbel GmbH & Co. KG

**8 Dr Reinhard Loske**, Senator for Building, Environment, Transport and Europe of the Free and Hanseatic City of Bremen

**16 Dr Werner Marnette**, Chair of the Executive Board and Labour Director, Norddeutsche Affinerie AG

**9 Prof. Wolfgang Methling**, Chair of the Parliamentary Group DIE LINKE in the Parliament of Mecklenburg-West Pomerania

**21 Franz-Josef Möllenberg**, Chairman of the Food and Allied Workers Union (NGG)

**34 Denis Möller**, National Winner in Earth and Spatial Sciences in “Jugend forscht” 2006, the national competition for young scientists

**8 Stefan Mörsdorf**, Minister of the Environment, Saarland

**23 Prof. Edda Müller**, former Executive Director of The Federation of German Consumer Organisations (VZBV)

**14 Heinrich von Nathusius and Clemens Aulich**, Managing Directors, IFA Group, Haldensleben

**30 Michael Niestroj**, CEO of STADT UND LAND Wohnbauten GmbH, Berlin

**18 Heinz Panter**, CEO of LBS Baden-Württemberg

**34 Jens Pfeiffer, Christoph Muster and Daniel Schmöle**, National Winners in Physics in “Jugend forscht” 2006, the national competition for young scientists

**6 Prof. Hans-Gert Pöttering**, President of the European Parliament

**42 Dr Markus Racke**, Managing Director of DAU, the German Accreditation Body for Environmental Verifiers

**27 Prof. Erich R. Reinhardt**, President and CEO of Siemens Medical Solutions

**26 Dr Karl Roth**, Technical Director of Stadtwerke Karlsruhe

**13 Maria-Elisabeth Schaeffler**, Partner, Schaeffler Group

**35 Dr Roland Schaette**, Management Representative for the Environment at Dr. Schaette AG, Bad Waldsee

**15 Roland Scharf-Bergmann**, Managing Director and **Franz-Rudolf Brenk**, Management, Responsible for Environmental, Aleris Recycling GmbH

**25 Chief Fire Officer Wolfgang Schäuble**, Director of the Munich Fire Brigade

**36 Arno Schelzke**, CEO of Germania Brauerei GmbH

**13 Dieter Schlenkermann**, CEO GETRAG Group and Board Member responsible for the Environment and Occupational Safety

**10 Hanns-Eberhard Schleyer**, Secretary-General, German Federation of Skilled Crafts (ZDH)

**14 Eckhard Schmidt**, CEO, Schraubenwerk Zerst GmbH

**21 Hubertus Schmoldt**, Chairman of the Mining, Chemical and Energy Industrial Union (IG BCE)

**8 Dr Werner Schnappauf**, former Bavarian Minister of the Environment, Health and Consumer Protection

**41 Volker Schuhmacher**, CEO of Uder Elektromechanik GmbH

**33 Gaby Schwartz**, Head Teacher of Gesamtschule Bexbach in the Saar-Palatinate district

**22 Ulrike Schweizer**, Environmental Management Officer and **Jürgen Henrich**, Head of the Works Council at Lincoln GmbH

**31 Horst Seipp**, CEO of Seipp Wohnen GmbH

**14 Tobias Selzer**, CEO and Partner, and **Dr Norbert Koch**, CTO, SELZER Fertigungstechnik GmbH & Co. KG

**20 Michael Sommer**, Chairman of the German Trade Union Federation (DGB)

**30 Karl Sommermeyer**, CEO of the himolla Group

**29 Astrid und Bertram Späth**, Best Western Premier Hotel Victoria, Freiburg

**35 Edmund A. Spindler**, expert in Agri-Eco-Audits and author

**33 Prof. Sascha Spoun**, President of Leuphana University Lüneburg

**41 Michael Steinmetz**, Owner of Fleischerei M. Steinmetz, Brauneberg

**33 Kurt Stephan**, Head of the Technical Department and Environmental Management Officer of Kehl Vocational Schools

**16 Dr Thomas Stockmeier**, Technical Director and CEO, SEMIKRON Elektronik GmbH & Co. KG

**24 Prof. Michael Succow**, Alternative Nobel laureate

**39 Hans-Ulrich Thalhoffer**, Director of the Saar-Lor-Lux Umweltzentrum des Handwerks

**20 Dr Michael Thiemermann**, Board Member responsible for the Environment, Victoria Versicherungsgesellschaften

**29 Susanne Tödtmann-Weidemann, Heineke Falkenstein-Sorg and Prof. Thomas Reker**, Management Board of the LWL-Klinik, Münster

**12 Wolfgang Tölsner**, Chief Operating Officer of Bombardier Transportation

**5 Prof. Andreas Troge**, President of the Federal Environment Agency (UBA)

**23 Olaf Tschimpke**, President of Naturschutzbund Deutschland e.V.(NABU)

**24 Lord Mayor Christian Ude**, President of the German Association of Cities

**37 Dr Bernd Uhl**, Auxiliary Bishop in Freiburg and Chair of the Ecological Working Group of the Commission for Society and Social Affairs of the German Catholic Bishops' Conference

**33 Martin Wagner**, Environmental Protection Officer and **Hans L. Wagner**, CEO of BIM Textil Mietservice Betriebshygiene GmbH

**10 Dr Martin Wansleben**, CEO of the Association of German Chambers of Industry and Commerce (DIHK)

**15 Martin Wawra**, CEO, Voith Turbo Scharfenberg GmbH & Co. KG, Salzgitter

**22 Hubert Weinzierl**, President of the German League for Nature and Environment (DNR)

**40 Kurt Weissenbach**, Chairman of the Board of Modell Hohenlohe – Netzwerk betrieblicher Umweltschutz und nachhaltiges Wirtschaften

**29 Klaus-Günther and Eva Wiesler**, CEOs of Seehotel Wiesler GmbH

**22 Dr Angelika Zahrnt**, former Chairperson and current Honorary Chairperson of Friends of the Earth Germany (BUND)

**11 Dr Dieter Zetsche**, Chairman of the Board of Management, Daimler AG

