







Chemical Engineer Dr. Herzog made CWS one of the pioneer companies in initiating and promoting EMAS.



## Interview

### Interview with Dr. Heinz Herzog CWS Lackfabrik Düren, Germany

The CWS Lackfabrik GmbH & Co KG in Düren, Germany, is a producer of resins and powder coatings with 160 employees. Managing Director Dr. Heinz Herzog, is a Chemical Engineer and Proxy for Quality Assurance, Environmental and Employment Protection. Since 1994 he has been responsible for the Integrated Management System at CWS.

What were the major challenges of implementing EMAS in the beginning?

In 1994 our aim was to integrate environmental protection into the day-to-day business. We wanted to guarantee legal compliance and to plan well to save time and costs. The EMAS regulation was still new so the main challenge was to interpret and implement EMAS correctly, since no entity was familiar with the system and no guidelines nor exemplary environmental statement was available.

Could you outline the successive steps of EMAS at CWS since 1994?

CWS set up an integrated environmental management system, including quality assurance and employment protection, which has been retained over 11 years. During the first phase of EMAS implementation, CWS focused on elementary goals that required investment, such as tackling major emissions caused by solvent vapours and dust. In terms of legal compliance we had to cope with a patchwork of EU and German legislation which required great diligence at that time. After this, EMAS created synergies, since its accomplishment guarantees that numerous national requirements are already fulfilled, so local approval procedures became demonstrably shorter. At a later stage, when options for technological improvements were exhausted, we focused on reducing emissions in the production process and trained our staff to develop less harmful recipes. Currently EMAS serves us to uphold the standards reached and to more easily keep pace with upcoming regulations such as the new EU framework for Chemicals (REACH).

What benefits did CWS derive from EMAS and what was the most important target you reached?

Most important is communication. It became our key management tool as staff motivation improved



The CWS site in Germany developed a detailed policy on the production of benzene-free solvents through the application of EMAS.

considerably through regular meetings and discussions, which also created an increased sense of responsibility among our workers. In addition everybody in the company is sensitive to the most environmentally friendly methods in his field of responsibility. For example, if a new heating source is needed, each worker is trained to use waste energy first rather than procure a new gas tube. In 10 years, cost savings on raw materials totalled 500,000 EUR and as a result of introducing environmentally friendly coating compounds in 2004 turnover increased by 33%. Continuous innovation and research have become integral to our daily work and within the last 5 years, the development period for new products has decreased by 5%. Finally the public distribution of environmental statements has strengthened the company's goodwill.

What is your vision of EMAS at CWS for the future?

I have recently convinced five other companies to register under EMAS since it eases the implementation of a crisis-proof company strategy. To succeed in the long-term, constant ecological and social thinking are indispensable. EMAS will continue to serve us as the management tool to realize this in the future.



## EMAS in figures

The number of sites, 4,771 on June 15<sup>th</sup>, is at an all-time high. The number of organisations has reached 3,300, which is also the highest number ever registered since EMAS II. EMAS registrations have grown steadily in 2005 and 2006. The statistics are now collected for both registered organisations and registered sites.

Registered organisations	and sites
Austria	258 355
Belgium	36 236
Cyprus	0 0
Czech Republic	21 22
Denmark	121 287
Estonia	1 1
Finland	42 49
France	17 17
Germany	1,473 1,913
Greece	34 34
Hungary	3 5
Ireland	8 8
Italy	486 594
Latvia	0 0
Lithuania	0 0
Malta	1 1
Luxembourg	1 1
Netherlands	20 24
Norway	18 18
Poland	1 1
Portugal	47 52
Slovak Republic	2 2
Slovenia	1 1
Spain	564 704
Sweden	84 85
United Kingdom	61 361
<b>TOTAL</b>	<b>3,300 4,771</b>

### Leading industrial sectors:

Sectors	Registrations
• Chemicals	258
• Food and beverages	257
• Sewage and refuse disposal	233
• Fabricated metal products, except machinery and equipment	215
• Electricity, gas, steam and hot water supply	171

### Leading service sectors:

Sectors	Registrations
• Hotels and restaurants	215
• Public authorities	170
• Education	134
• Health and social work	111
• Transport	109

## News

### Electrabel Tihange uses **ALARA** to improve its performance

The Electrabel nuclear power plant in Tihange (Belgium) employs about 780 people and has been EMAS registered since 2001. It produces about 3,000 MW – enough to cover the needs of the Walloon region. Since 2002 the organisation has developed an impact analysis tool which gives a detailed overview of all environmental impacts and allows for fast decision-making. Tihange started working according to the ALARA principle (As Low As Reasonably Achievable), in particular for radioactive emissions. The objectives, which have been met, are set at 0.05 to 4% of the legal limit depending on the type of emission. The plant has now reached the technological limits for environmental improvement and maintains them, for instance in water consumption. After 3 years of EMAS implementation, it can focus on other impacts. One new priority is soil pollution from oily waste, which necessitates the replacing of pipes to avoid leakages. In addition, suppliers and new collaborators receive training on environmental aspects, and Electrabel is very active in raising the awareness about its environmental activities at external stakeholders, such as local authorities and schools.

Environmental statements of Electrabel are available at [http://ec.europa.eu/environment/emas/es\\_library/library\\_en.htm](http://ec.europa.eu/environment/emas/es_library/library_en.htm)

### Logotronic in Austria expands EMAS to international sales partners

Logotronic, an Austrian manufacturer for hydrometric and meteorology devices has been EMAS registered since 2000. It produces equipment designed to measure and monitor the forces of nature and to provide early warning for natural disasters. Logotronic naturally feels closely linked to the environment and improved the company's ecological and economic approach with EMAS. As emissions due to production and company's activities already had a marginal environmental impact, the company tackled the reduction of packaging and chemical products within the production chain and carefully selected suppliers with respect to their environmental performance. After optimising its environmental performance, Logotronic follows its environmentally friendly philosophy and remains on the scheme to improve its partners' environmental performance at international level. Since 2004 the organisation has concentrated on the expansion of international projects. Its network of sales partners has expanded and the company has launched environmental training for staff in Mozambique.

Please find further information at [www.logotronic.at](http://www.logotronic.at)

## Upcoming events

8 November 2006  
Dresden, Germany  
5<sup>th</sup> Conference on Environmental Management for Economy and Agriculture

More information is available on [www.emas.de](http://www.emas.de)

11 > 14 October 2006  
Saarbrücken, Germany  
2<sup>nd</sup> EASY\_ECO Conference

For more information visit [www.sustainability.at/easy/?k=conferences&s=saarbruecken](http://www.sustainability.at/easy/?k=conferences&s=saarbruecken)

26 September 2006  
Brussels, Belgium  
40. UGA-Plenum

German Environmental Verifier Committee reviews its position on the EMAS revision.

More information is available on [www.emas.de/load.php?name=Kalender&sess=&action=details&eid=6&date=1159259400](http://www.emas.de/load.php?name=Kalender&sess=&action=details&eid=6&date=1159259400)

September 2006  
Mainau, Germany  
Opening of the EMAS project  
"EMAS with all senses"

For more information please contact Mr Scheide at Green-IT. Email address: [info@green-it.de](mailto:info@green-it.de)

12 September 2006  
Neu Isenburg, Germany  
Meeting of the German Technical Committee for Integrated Management Systems

More information on [www.vnu-ev.de/guests/quest.html](http://www.vnu-ev.de/guests/quest.html)

4 > 6 July 2006  
Malta Enterprise, San Gwann  
EMAS Verifiers Training Course

Find more information on [www.m-ems.com/program.htm](http://www.m-ems.com/program.htm) or contact [claudio.boffa@msa.org.mt](mailto:claudio.boffa@msa.org.mt)

3 > 4 July 2006  
Salzburg, Austria  
EMAS Revision Dialog Workshop

Please download the Agenda (PDF, 95 kb) from [http://ec.europa.eu/environment/emas/pdf/austria/emasworkshop\\_prgm\\_de.pdf](http://ec.europa.eu/environment/emas/pdf/austria/emasworkshop_prgm_de.pdf)

27 June 2006  
Scuola Superiore Sant' Anna University of Pisa, Italy  
Conference on Sustainability Marketing

For information please contact [f.testa@sssup.it](mailto:f.testa@sssup.it)

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