

EMAS - Newsletter

The European
Eco-Management
and Audit Scheme
Improving your environmental
and business performance
<http://ec.europa.eu/environment/emas>

Managing indirect environmental aspects with EMAS

In the spotlight

Indirect environmental aspects as core business – what is behind this?

'Organic Apples!' screams a big banner in a European supermarket; below it, small letters say "country of origin: New Zealand". Growing food organically may reduce the environmental impact, for instance on soil contamination, and is truly commendable. But in order to minimise the environmental impact of the entire product life cycle, it is necessary to examine aspects of the supply chain such as CO₂ emissions stemming from transport, too.

EMAS registered organisations' commitment to environmental protection is not limited to the organisations themselves. It also applies to their



interaction with stakeholders. This means that an all-embracing minimisation of the environmental impact requires a broader perspective. How do organisations specialised in production processes handle ecological issues? Which administrative or investment decisions do they make, and how do they assess what impact those decisions will have on their activities and the activities of their stakeholders? How can an EMAS registered organisation influence the indirect environmental effects of stakeholder activities? These questions and many more will be answered on the following pages.

Editorial



Mr. Janez Potočnik
Commissioner for Environment

Dear EMAS Community,

There are exciting events to announce! The new EMAS Register with its improved features underlines EMAS' distinctive position in the sphere of environmental management. Additionally, do look at our brand new Facebook page for information, and to connect, interact and share your thoughts on environmental management.

We also have the pleasure to announce the 7th edition of the EMAS Awards. The festive EMAS Awards ceremony will take place on 17 November 2011 in Cracow, Poland. This year's theme "stakeholder involvement, leading to continuous improvements" is not only vital for addressing direct environmental aspects in a thoroughly manner but also for indirect ones. Organisations are increasingly asked to manage not only those aspects on the environment over which they have direct control, but also indirect ones such as supplier activities, product design, capital investments or administrative planning decisions. Turning a blind eye to these would be a failure of responsibility. In this Newsletter we emphasise how EMAS registered organisations can manage both types of aspects and improve their financial bottom line.

Janez Potočnik, European Commissioner for the Environment

For the EMAS Team, European Commission, Environment Directorate General – Unit C1 – Sustainable Production and Consumption

EU Activities

EMAS Awards – Praising the “Best Of The Best”

Join us at this year's EMAS Awards ceremony in the ancient Wieliczka Salt Mine on 17 November 2011 in Cracow, Poland and take the opportunity to enjoy an unforgettable evening and learn more about excellent environmental management practices!

The European Commission has handed out these high-status environmental awards every year since 2005. The theme for the 2011 ceremony is “Stakeholder involvement, including employee involvement, leading to continuous improvement”.

Openness and transparency differentiate EMAS from other schemes and help build the confidence of interested parties. This year's Awards will praise the relentless efforts of EMAS registered organisations to involve stakeholders such as employees, suppliers and local residents in the environmental improvement cycle.



To make online reservations, please go to: <http://www.emasawards.adelphi.de>

Further information on the Awards is available at: <http://ec.europa.eu/environment/emas/emasawards/index.htm>

EMAS goes Facebook!

The “Sustainable Production and Consumption” Unit, DG Environment is on Facebook now! We're going to post current developments and interesting information on EMAS and ideas on resource efficiency. The page serves as a communication platform and network for the exchange of information, ideas, thoughts and opinions particularly on the aforementioned topics. Why don't you drop by and pick up the playful sparkle?



Facebook → Sustainable Production and Consumption Unit DG:
<http://on.fb.me/nDq7x4>

Launch of the new EMAS Register!

The EMAS Register is an online database which lists all EMAS registered organisations and sites. From December 2010 to October 2011, the database has undergone a period of transition, and we are happy to announce its recent re-opening! The register is open to all members of the public and through it you can:

- Search the Register for data on EMAS registered organisations
- View and download a variety of general reports and statistics on registered organisations

The Register is updated regularly with data provided by the Competent Bodies from the EU countries. DG Environment is presently reviewing all information displayed.

EMAS Goes LinkedIn (members only)!

Would you like to discuss the latest EMAS topics, share experiences with other EMAS registered organisations and receive information about interesting events and documents published? Then we invite you to join the 60 members of the EMAS Group on LinkedIn!

The group is open to representatives of organisations belonging to the following categories:

- EMAS registered organisations
- EMAS environmental verifiers
- Art. 49 Committee members
- Competent Bodies from Member States
- Accreditation/Licensing Bodies

LinkedIn → EMAS: EU Eco-Management and Audit Scheme

<http://linkd.in/rq5sTJ>



You can access the new register at the following address:

<http://ec.europa.eu/environment/emas/register>



Faces of EMAS

Interview with a sustainability manager



We spoke with Karin Friedle, Sustainability Manager at the EMAS registered Landesbank Baden-Württemberg (LBBW, Germany) about

the bank's management of indirect environmental aspects in its core business activities.

EMAS Helpdesk: What are the most significant indirect environmental aspects?

Karin Friedle: The main indirect environmental aspects are clearly linked to our core business operations. That is, investment and lending activities.

Do you offer services and products designed to protect the environment?

In our investment business we offer a range of sustainable investment products to all our client

groups and in all asset categories. For example, we have two mutual funds (“LBBW Sustainability Shares” and “LBBW Sustainability Pensions”) and a climate change fund (“LBBW Global Warming”). In our lending business we have financed industrial wind power projects in Germany and abroad for many years. Additionally, we support private clients particularly with financing photovoltaic systems.

How do you manage indirect environmental aspects?

Those linked to our core business activities are addressed in our EMAS environmental policy. It is integrated into our sustainability policy. Furthermore, we have developed guidelines specifically for our investment and lending activities. We are also guided by the United Nations “Principles for Responsible Investment” (UN PRI).

What are your key drivers for managing indirect environmental aspects?

Interest in sustainable investment products has grown rapidly in recent years. The market for these products has never been bigger. The notion that sustainable investment products yield a lower net result is not so strong anymore. Nevertheless, the market share of sustainable products is still only about one percent but there is a positive trend.

Further information on EMAS and sustainability at the Landesbank Baden-Württemberg can be found at: <http://nachhaltigkeit.lbbw.de/>

For further information on the bank's attitude to sustainability please contact: Karin Friedle, karin.friedle@lbbw.de



Good practice

Successfully addressing indirect environmental aspects with EMAS

Acting as a responsible organisation involves systematic and strategic management of both direct and indirect environmental aspects. EMAS provides registered organisations with practical tools to address direct environmental aspects such as CO₂ emission reductions or waste management and indirect ones such as supply chain or product-related matters. However, there is no such thing as a ready-made recipe which can be applied to every industry and service sector. Acting as a responsible organisation involves many individual decisions. Each of them may have positive or negative economic and environmental impacts. Keys to managing impacts include:

Responsible Supply Chain Management (RSCM):

Managing a supply chain involves a series of companies that work together, e.g. as suppliers, logistics providers or customers, to deliver a product or service. Public awareness of environmental and social considerations in the supply chain is increasing. This is putting pressure particularly on larger companies to embed sustainability or Corporate Social Responsibility elements into their

supply chains. RSCM is a mechanism for achieving this. To unlock EMAS' full potential to contribute to RSCM, EMAS registered organisations should make sure that their suppliers comply with their environmental objectives outlined in the environmental statement. Furthermore, offering suppliers in-house training in EMAS implementation processes has positive effects. Additionally, organisations which prefer to use EMAS registered suppliers can award extra points to them during their internal supplier assessment.



Source: Credit © European Union, 2011

Product life cycle:

Especially in the production sector, a product's life cycle, such as design, packaging, transportation or possibilities for recycling, can cause significant environmental impacts. In order to promote the development of environmentally-friendly products, information about their life cycle impact should be collected and communicated to customers and consumers. EMAS

registered organisations can publish Environmental Product Declarations (EPD) (e.g. based on ISO 14025 – environmental labels and declarations, and ISO 14040 – life cycle assessment). These contain information about the environmental impact that products have on the environment. These EPDs can be validated externally by the independent environmental verifiers in the context of validating the companies' environmental statements.

The international rail systems manufacturer Bombardier, whose German and an increasing number of other EU sites are EMAS registered, uses EPDs to provide product-related information to stakeholders. Depending on their main use, many of these EPDs are validated according to EMAS requirements. Further information on Bombardier's approach can be found at:

<http://www.bombardier.com/en/transportation/sustainability>

Portrait

Supply chain management in the automotive industry



Source: Credit © European Union, 2011

In the automotive industry, the supply chain is complex, given that many production and service activities are carried out by suppliers. These activities include raw material processing and manufacturing processes for components such as power train or electronic systems. The role of suppliers is bound to increase in the coming years. This means that ensuring environmental protection across the entire value chain represents a major challenge for automotive companies.

Leaders in this field, such as Audi, BMW, Daimler, Ford, General Motors (Opel), Honda, Volkswagen and Volvo have chosen EMAS as an environmental management

instrument. The general approach of embedding environmental aspects in their supplier processes entails both cooperative and coercive measures.

Automotive companies engage in capacity building for suppliers by integrating environmental aspects into supplier training programmes. Capacity building can also be achieved by granting enhanced access to environmental management information through specific workbooks. Additionally, suppliers actively engaging in environmental protection measures can be rewarded for their environmental performance by announcing a sustainability excellence award. A coercive approach is to require key suppliers to meet ambitious environmental standards as outlined by EMAS. In this way environmental protection is raised to the same level of importance as typical supplier requirements such as reliability or economic value.

Further information on supply chain management can be found on the websites of the EMAS registered automotive companies.

Tools

EMAS factsheets

EMAS improves more than just the environmental performance of organisations. The "EMAS Benefits" factsheet provides an overview of the 2009 "Study on the Costs and Benefits of EMAS to Registered Organizations". This study outlines how EMAS benefits registered organisations through costs savings, reduced negative incidents, and improved stakeholder relationships.

Resource efficiency is one of seven "flagship" initiatives of the "Europe 2020" strategy and an integral part of the "Sustainable Consumption and Production Action Plan". The factsheet "EMAS boosts resource Efficiency" describes how resource efficiency goals can be met through the implementation of EMAS.

The energy management standard EN 16001 represents the latest best practice in energy management and is based on existing national standards and initiatives to improve energy efficiency. A third factsheet showcases "The links between EMAS and energy management according to EN 16001" highlighting the complementary nature of the two instruments.

You can access the new factsheets at the link below:

http://ec.europa.eu/environment/emas/documents/brochure_en.htm#factsheets



EMAS website

<http://ec.europa.eu/environment/emas>

EMAS in figures**

In September 2011, the number of EMAS registered organisations has grown by 1,01% compared with June 2011 and the proportion of SMEs in the scheme had reached 81,39%.

+1,01%
EMAS
Organisations

81,39%
SMEs

Registered organisations and sites

Austria.....	277	663
Belgium.....	49	428
Bulgaria.....	2	2
Cyprus.....	5	5
Czech Republic.....	25	25
Denmark.....	73	332
Estonia.....	2	4
Finland.....	11	16
France.....	18	20
Germany.....	1412	1960
Greece.....	58	804
Hungary.....	20	23
Ireland.....	6	14
Italy.....	1150	1656
Latvia.....	5	7
Lithuania.....	7	7
Luxembourg.....	2	4
Malta.....	1	1
Netherlands.....	4	4
Norway.....	20	46
Poland.....	26	33
Portugal.....	76	109
Romania.....	4	6
Slovak Republic.....	2	3
Slovenia.....	3	7
Spain.....	1217	1527
Sweden.....	76	95
United Kingdom.....	60	291
Total	4,611	8,092

Leading industrial sectors:

Sectors	Registrations
• Waste and disposal.....	1485
• Fabricated metal products, except machinery and equipment.....	929
• Electricity, gas.....	754
• Chemicals.....	968
• Manufacture of food products.....	481

Leading service sectors:

Sectors	Registrations
• Public administration.....	829
• Accommodation.....	339
• Activities of membership Organizations.....	423
• Education.....	612
• Architectural and engineering activities.....	150

News

Congratulations! First Polish ministry EMAS registered

Public authorities play an important role in promoting environmental consciousness and sustainable development. This is the case particularly through their far reaching administrative and planning decisions and by setting an excellent example.



Mr. Andrzej Kraszewski (left) receives the EMAS certificate from Mr. Michal Kielsnia.

The Polish Ministry of the Environment is fulfilling this role as it is the first Polish ministry which implemented EMAS. On 1 September 2011, Mr. Andrzej Kraszewski, Minister of the Environment, received an EMAS certificate from Mr. Michal Kielsnia, Director General for Environmental Protection.

The decision to implement EMAS in the Ministry of the Environment is a significant step towards popularising the idea of continuous improvement in environmental performance. For the Ministry, EMAS is a key piece of the jigsaw puzzle which goes to make up sustainable development, showing that both public authorities and private companies can benefit from protecting the environment.

The smooth introduction of EMAS was without any doubt a great success. It would not have been possible without the dedication of the employees of the Ministry and the prominent support of the top management. The Environmental Management System complies with the requirements of EMAS and is a key component of the overall management system of the Ministry of the Environment. Under this umbrella, tasks and responsibilities have been defined in order to ensure continuous improvement in the Ministry's environmental performance. The prime objectives include the reduction of paper consumption, the separation and minimisation of waste and the reduction of energy consumption. Additionally, the Ministry aims to improve its environmental performance with regard to indirect environmental matters. Activities include procuring "green" materials (e.g. certified paper) and educating citizens about environmental topics. Furthermore, as the Ministry responsible for environmental protection, these matters are, by their nature, vital elements of its administration and planning decisions.

Further information about EMAS in the Ministry of the Environment can be found on the website:

http://www.mos.gov.pl/kategoria/4214_emas_w_ms/

The EMAS Newsletter is published by the Helpdesk on behalf of the European Commission. For a free subscription, or to download electronic copies of any issue, you can visit the EMAS website at: <http://ec.europa.com/environment/emas>

For comments or further information, please send an email to the EMAS Helpdesk at emas@biois.com or write to the following address:

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c/o BIO Intelligence Service - 20-22 Villa Deshayes - 75014 Paris - France
Telephone: +33 1 53 90 11 75

Upcoming events

9 November 2011

Oslo, Norway

EMAS PREMA Workshop

The EMAS PREM Group, which consists of organisations from the four Nordic countries Sweden, Finland, Denmark and Norway, organises a workshop on the scheme. The PREM project objective is to improve sustainability in societies with contributing management measures against climate change. This is achieved by establishing Profitable Resource Efficient Management in organisations and in the value chain within the Nordic Countries with more countries to be followed after the pre-project phase.

http://www.emas.nu/index.php?option=com_content&view=article&id=43&Itemid=74

16 November 2011

Cracow, Poland

EMAS Forum of Competent Bodies Meeting

17 November 2011

Cracow, Poland

EMAS Awards 2011

The EMAS Awards will praise the excellent work of EMAS registered organisations in "stakeholder involvement, including employee involvement, leading to continuous improvements".

<http://ec.europa.eu/environment/emas/emasawards/index.htm>

17-18 November 2011

Cracow, Poland

EMAS Art. 49 Committee Meeting

19-27 November 2011

Across Europe

European Week for Waste Reduction 2011

Events will focus on raising the awareness of waste reduction strategies and policies of the EU and its Member States, while encouraging Europeans to change their behavior in their everyday life around consumption and production.

<http://www.ewwr.eu/presentation-week>

21-24 November 2011

Amman, Jordan

ICEMT 2011 - The Second International Conference on Environmental Management & Technologies

The ICEMT 2011 will address issues connected with environmental management, zero emissions, pollution, waste management, and sustainable development.

http://enviro-arab.com/icemt11/index.php#important_Dates

22-25 November 2011

Poznan, Poland

POLEKO International Trade Fair for Environmental Protection

Learn about the latest technologies in the field of environmental protection, and take part in numerous events with professionals from the environmental protection industry from Poland and abroad.

<http://poleko.mtp.pl/en/>

15-16 December 2011

Berlin, Germany

International CSR Conference

At the two-day conference organised by the Federal Ministry of Labour and Social Affairs, Germany's National CSR Action Plan will be presented to an international audience. In addition, the conference will serve as an opportunity to present and discuss the themes and activities of the European Union and other international organisations.

<http://www.csr-konferenz.bmas.de/en/home.html>

** Data extracted 30th Sept. 2011