

EMAS



EMAS Performance, Credibility, Transparency

The EU Eco-Management and Audit Scheme (EMAS)

What is EMAS?



Voluntary environmental management tool operative since 1995

Aim

Continual improvements in the environmental performance of companies and other organisations

Means

Tools allowing organisations to measure, evaluate, report and improve environmental performance

Outcomes

Better management of environmental issues and credible information on these issues



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EMAS follows a Systematic “Plan-Do-Check-Act” Approach



What are the Core Elements of EMAS?



EMAS

Premium benchmark for environmental management

Performance

Carrying out annual updates of environmental policy targets and actions to implement and evaluate these targets

Credibility

Third party verification by independent auditors guarantees the value of both actions taken and disclosed information

Transparency

Environmental statements provide public information about the environmental performance of the organisation



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Who can participate?



I

Organisations operating in **all economic sectors**

II

Organisations located **inside or outside EU, EEA and Accession countries** (EMAS Global)*

* It is in the realm of EU Member States to allow registration of organisations located outside EU, EEA and Accession Countries. Before introducing EMAS Global a number of practical and legal issues need to be clarified.

What are the Steps to EMAS Registration?



- (1) Environmental review
- (2) Environmental policy
- (3) Environmental programme
- (4) Environmental management system
- (5) Environmental audit
- (6) Environmental statement
- (7) Registration by Competent Body and use of EMAS logo

What are Benefits of EMAS Registration?



- (a) **Cost reductions:** better management of resources (e.g. energy and resources efficiency)
- (b) **Risk minimisation:** possibilities to reduce associated risk levels by assessing operational procedures
- (c) **Regulatory compliance:** greater awareness and knowledge of regulatory requirements
- (d) **Regulatory relief:** regulators may choose to relax regulatory requirements
- (e) **Improved relations with internal stakeholders:** employee involvement and training under EMAS can lead to improved employee morale
- (f) **Improved relations with external stakeholders:** EMAS registration of a site in close proximity to residents can enhance credibility and transparency
- (g) **Competitive advantage:** EMAS registration can lead to improved market access and increased market share

What are Costs of EMAS Registration?



Costs vary with the size and the sector of the organisation*

- (a) **Fixed costs:** assumed to be unrelated to staff numbers (e.g. registration fees, IT costs)
- (b) **External costs:** incurred by employing external consultancy to support EMAS implementation (e.g. employee training)
- (c) **Internal costs:** incurred by organisation staff to implement, administer and report on EMAS (e.g. internal audit)

* For detailed information about the costs of EMAS implementation and financial incentives, please contact your national [Competent Body](#)

EMAS Development



EMAS I

29 June 1993 EMAS adopted by the European Council
1995 EMAS opens for participation by industrial companies

EMAS II

19 March 2001 New Regulation adopted by the Council and the EP
27 April 2001 Entry into force of new *Regulation (EC)* N°
761/2001

EMAS III

25 Nov 2009 New Regulation adopted by the Council and the EP
11 Jan 2010 Entry into force of new *Regulation (EC)* N°
1221/2009



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New Provisions of EMAS III



I Improvement of applicability of scheme

II Strengthening visibility and outreach of scheme



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New Provisions of EMAS III (cont'd)



(I) Improvement of the applicability of the scheme

- (a) **Transitional registration procedures:** facilitate introduction of EMAS III
- (b) **Revised audit cycles:** further improve applicability for small organisations
- (c) **Single corporate registration:** ease administrative and financial burden on organisations with several sites
- (d) **Cluster approach:** provide specific assistance to clusters of organisations in the development & implementation phases of EMAS registration
- (e) **Environmental core indicators:** adequately document environmental performance and create multi-annual comparability
- (f) **Sectoral reference documents:** facilitate practical implementation 'on the ground' of EMAS requirements

New Provisions of EMAS III (cont'd)



(II) Strengthening EMAS visibility and outreach

- (a) **Single EMAS logo:** communicate EMAS in one coherent and distinctive way
- (b) **EMAS Global:** encourage global uptake of the scheme by making EMAS certification possible for organisations outside the EU Community
- (c) **Information and promotion activities of EU Member States and European Commission:** support uptake of EMAS III
- (c) **Recognition of other EMS:** facilitate uptake from existing EMS to EMAS

In the Spotlight: Six Environmental Core Indicators



Environmental key area	Input/Impact
Energy efficiency	Total direct energy use: <i>total annual energy consumption, expressed in MWh or GJ</i> Total renewable energy use: <i>percentage of total annual consumption of energy (electricity and heat) produced by the organisation from renewable energy sources</i>
Material efficiency	Annual mass-flow of different materials used (excluding energy carriers and water): <i>in tonnes</i>
Water	Total annual water consumption: <i>in m³</i>
Waste	Total annual generation of waste: <i>in tonnes</i> Total annual generation of hazardous waste: <i>in kilograms or tonnes</i>
Biodiversity	Use of land: <i>in m² of built-up area</i>
Emissions	Total annual emission of greenhouse gases (incl. at least emissions of CO ₂ , CH ₄ , N ₂ O, HFCs, PFCs and SF ₆): <i>in tonnes of CO₂ equivalent</i> Total annual air emission (incl. at least emissions of SO ₂ , NO _x and PM): <i>in kilograms or tonnes</i>

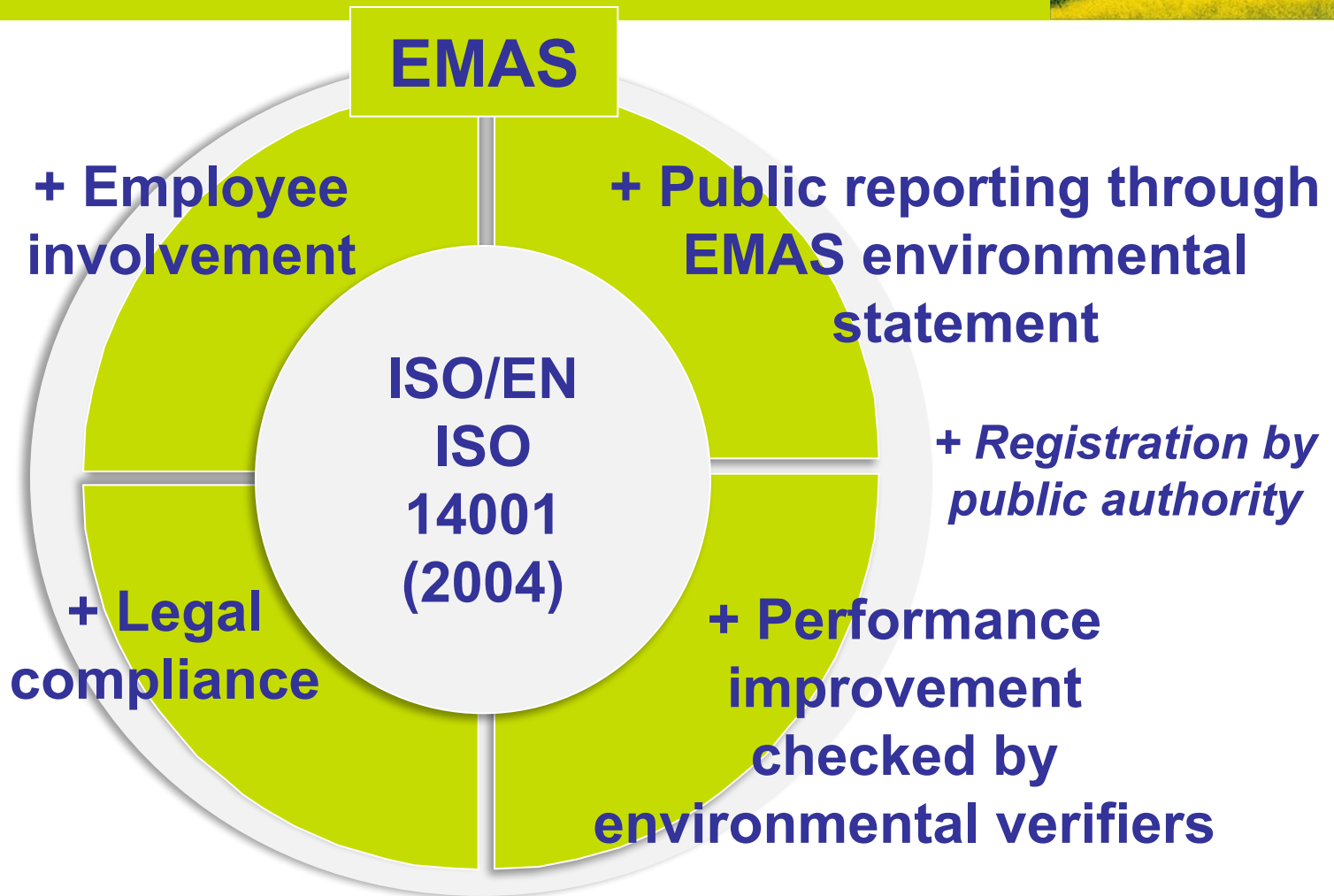
In the Spotlight: EMAS Logo



One single logo



EMAS goes further than ISO 14001



Successful EMAS Implementation: Involvement

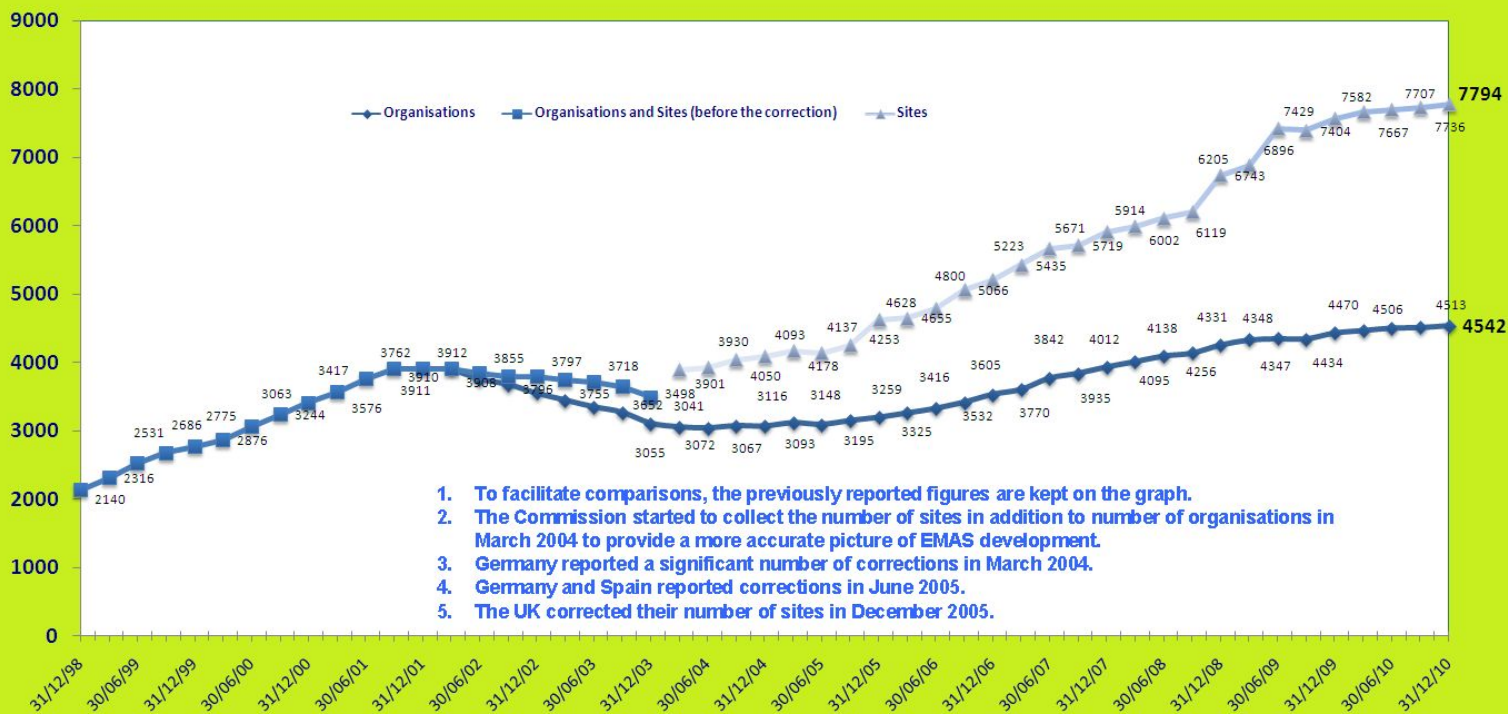


Stages	Involved Parts
Commitment	<i>Top Management</i>
Environmental review of activities	<i>Environmental manager, all departments</i>
What are our aims?	<i>Management</i>
How can we reach them?	<i>Management</i>
Is everything in line with EMAS?	<i>All employees, environmental managers, auditor(s)</i>
Statement of environmental performance	<i>Management, environmental managers</i>
External verification	<i>EMAS environmental verifier(s)</i>

EMAS Statistics



EMAS STATISTICS EVOLUTION OF ORGANISATIONS AND SITES Quarterly Data 31/12/2010



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Further Information on the EMAS Website

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Eco-Management and Audit Scheme

What is EMAS?

The EU Eco-Management and Audit Scheme (EMAS) is a management tool for companies and other organisations to evaluate, report and improve their environmental performance. The scheme has been available for participation by companies since 1995 and was originally restricted to companies in industrial sectors.

Since 2001 EMAS has been open to all economic sectors including public and private services.

In 2009 the EMAS Regulation has been revised and modified for the second time. Regulation (EC) No 1221/2009 of the European Parliament and of the Council of 25 November 2009 on the voluntary participation by organisations in a Community eco-management and audit scheme (EMAS) was published on 22 December 2009 and entered into force on 11 January 2010.

What's new?

last updated 18th of March 2010

Members of the German EMAS Advisory Board convened for their 5th anniversary session [more](#)

Study on costs and benefits to organisations of EMAS registration is now available [more](#)

The "EMAS Kitchen": 2nd edition of EMAS Awards in Catalonia [more](#)

[View news archives](#)

[Newly registered organisations](#)

Focus Points

EMAS Regulation

Register

[how to register?](#)

SME portal

GPP

Statistics

[learn more](#)

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EMAS website

EMAS in figures

In December 2009, EMAS achieved 400 registered organisations in a wide range of economic sectors, with 122 registered sites. Due to its general success, the scope of the scheme was widened in 2001 to include public and private service providers as well as public sector organisations.

Registered	Organisations	Organisations
Belgium	22	418
France	69	438
Germany	19	2
Italy	15	2
Spain	11	2
United Kingdom	11	248
Poland	11	4
Sweden	11	29
Denmark	11	2
Finland	11	2
Germany	1,179	1,655
Spain	64	621
France	29	23
Italy	191	1,452
United Kingdom	19	2
Poland	11	4
Sweden	11	2
Denmark	11	2
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Links



- European Union: <http://www.europa.eu>
- EMAS Register: www.emas-register.eu
- EMAS Toolkit for small organisations: www.ec.europa.eu/environment/emas/toolkit/
- EMAS Easy: http://ec.europa.eu/environment/emas/tools/emaseasy_en.htm
- European Portal for SMEs: www.ec.europa.eu/enterprise/sme/
- EU Ecolabel: www.ec.europa.eu/environment/ecolabel/
- Green Public Procurement (GPP): www.ec.europa.eu/environment/gpp/index_en.htm
- Environmental Compliance Assistance Programme for SMEs (ECAP): www.ec.europa.eu/environment/sme/index_en.htm
- European Environment Agency: www.eea.europa.eu
- International Standard Organisation (ISO): www.iso.org

EMAS Helpdesk Contact Information



Email: emas@biois.com

Telephone: +331 53 90 11 75

Letter: ***EMAS Helpdesk
c/o BIO Intelligence Service
S.A.S
20-22 Villa Deshayes
75014 Paris – France***

The Helpdesk is operated by BIO Intelligence Service in cooperation with Adelphi Consult on behalf of the European Commission, Environment DG