



EMAS, a premium environmental management tool for organisations

Be sustainable, save costs and gain a competitive advantage – how does it work?

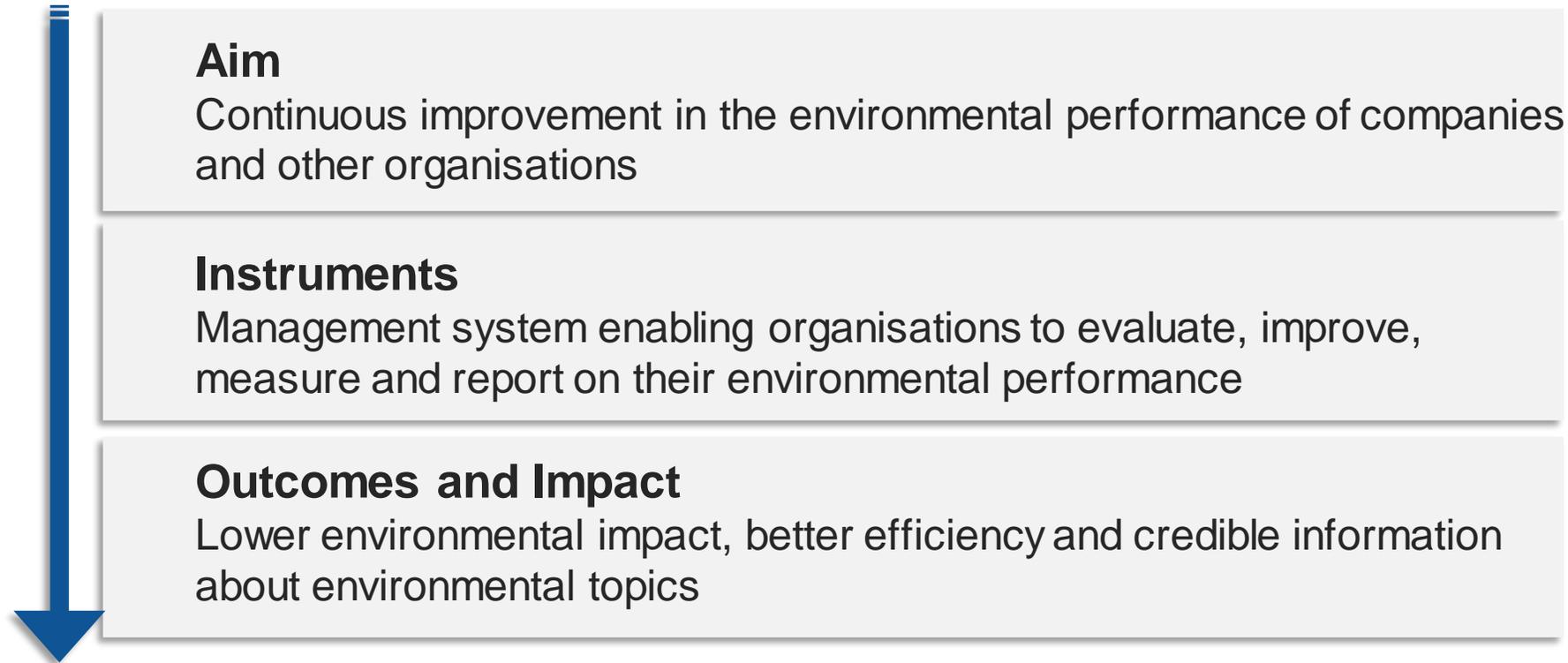


EMAS in 9 questions...

1. What is EMAS?
2. What are the benefits of EMAS registration?
3. Who can participate?
4. How to be EMAS-registered?
5. What are the costs?
6. How is performance assessed?
7. How is EMAS different from other tools?
8. Which services are offered by the EMAS Helpdesk?
9. How many organisations are EMAS registered?

What is EMAS?

It is a voluntary environmental management scheme instrument designed by the European Commission



What is EMAS?

3 core elements

Performance

Actions implemented by the organisation improve environmental performance and ensure legal compliance, in line with key policy targets such as the EU Green Deal and the Paris agreement on climate change.

Transparency

Achievements are made public through the annual environmental statement.

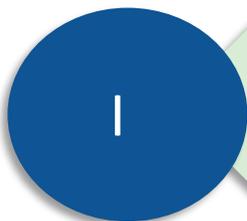
Credibility

The environmental statement is validated by independent environmental verifiers who guarantee the value of the information disclosed.

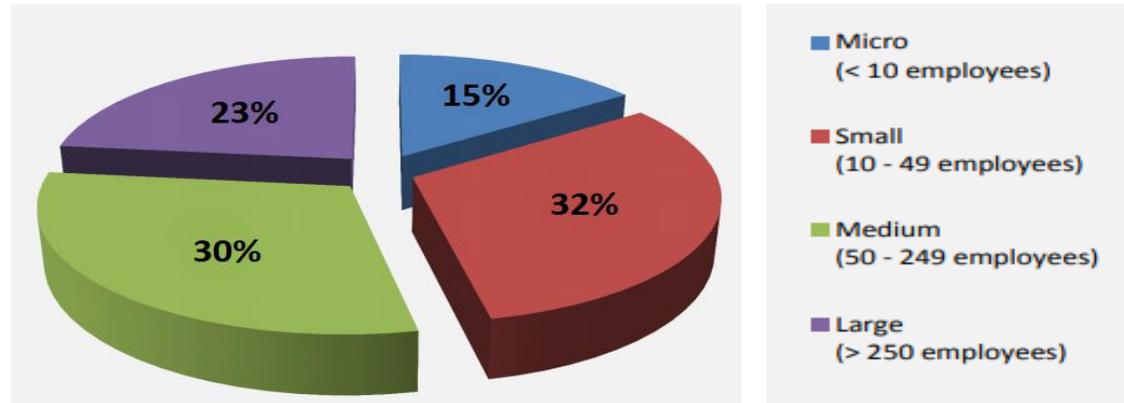
What are the benefits of an EMAS registration?

- 1 Improved environmental performance:** 70% of registered organisations show improvement on almost *all* six environmental indicators*
- 2 Improved legal compliance:** Less risk of breaches and infringement procedures
- 3 Better identification of overall corporate responsibilities:** Better-defined roles and responsibilities, stronger awareness of teams
- 4 Reduced risks for environmental accidents**
- 5 Cost savings:** Achieved through circularity approaches and decrease in resource use
- 6 Improved relations with stakeholders:** Employees are more committed and external stakeholders value the transparency of the organisation
- 7 Regulatory relief:** In some Member States, authorities provide advantages to EMAS-registered organisations, such as reductions in inspections or taxes

Who can participate?



Organisations operating in all economic spheres (including local authorities, NGOs, etc.), of any size, including multiple sites



Average repartition



Organisations with sites worldwide*

How to be EMAS-registered?



How to be EMAS-registered?

1

- Contact your local Competent Body to get customised technical support (e.g. a list of qualified EMAS consultants) and information about funding opportunities.

2

- Carry out an initial environmental review to identify your direct and indirect environmental impacts, your current performance, and the legal requirements. This initial assessment sets the benchmark to measure your future success in reducing environmental impacts.

3

- As the first structuring phase of your Environmental Management System (EMS), your leadership (top management) will step up to define an environmental policy and environmental programme that are consistent with your organisation's strategy.

How to be EMAS-registered?

4

- Implement your EMS by adapting your structure and processes to achieve your environmental policy and objectives.

5

- Check the effectiveness of your EMS: follow appropriate indicators, including EMAS core indicators, and conduct an internal environmental audit.

6

- Your top management will review the EMS to ensure its capacity to meet the goals set forth in the environmental policy and programme, and will decide on the next steps to foster continual improvement.

How to be EMAS-registered?

7

- Prepare your environmental statement to effectively communicate your environmental performance to stakeholders.

8

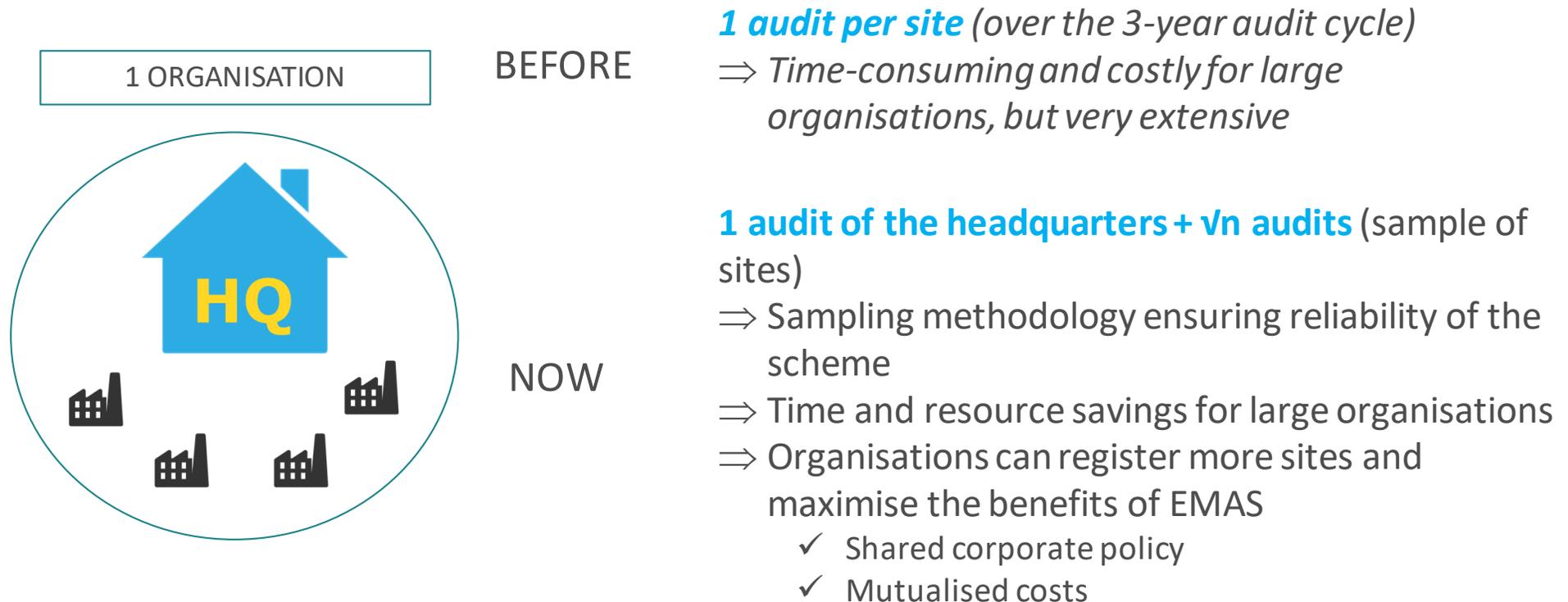
- Have an accredited or licensed independent environmental verifier validate your environmental statement and verify your EMS.

9

- Submit your registration to the Competent Body.

Registration for multi-site organisations

Organisation with multiple sites can now register more easily.



The procedure is described in the EMAS [user's guide](#).

What are the costs of EMAS registration?

Costs vary with the size and the sector of the organisation and depends on the Member States. They include:

- A** **Fixed costs** Assumed to be unrelated to staff number (e.g. registration fees, IT support-related costs)
- B** **Internal costs** Incurred by organisation staff to implement, administer and report on EMAS (e.g. environmental coordinator, internal audit team, etc.)
- C** **External costs** Incurred by employing external consultancy to support EMAS implementation, for example (e.g. employee training), and for verifiers

Some Member States have introduced financial incentives for EMAS-registered organisations, for example reduced administrative fees related to permits. A reported 30% of organisations who benefit from this incentive enjoy annual savings in the range of **€40,000 to €50,000***.

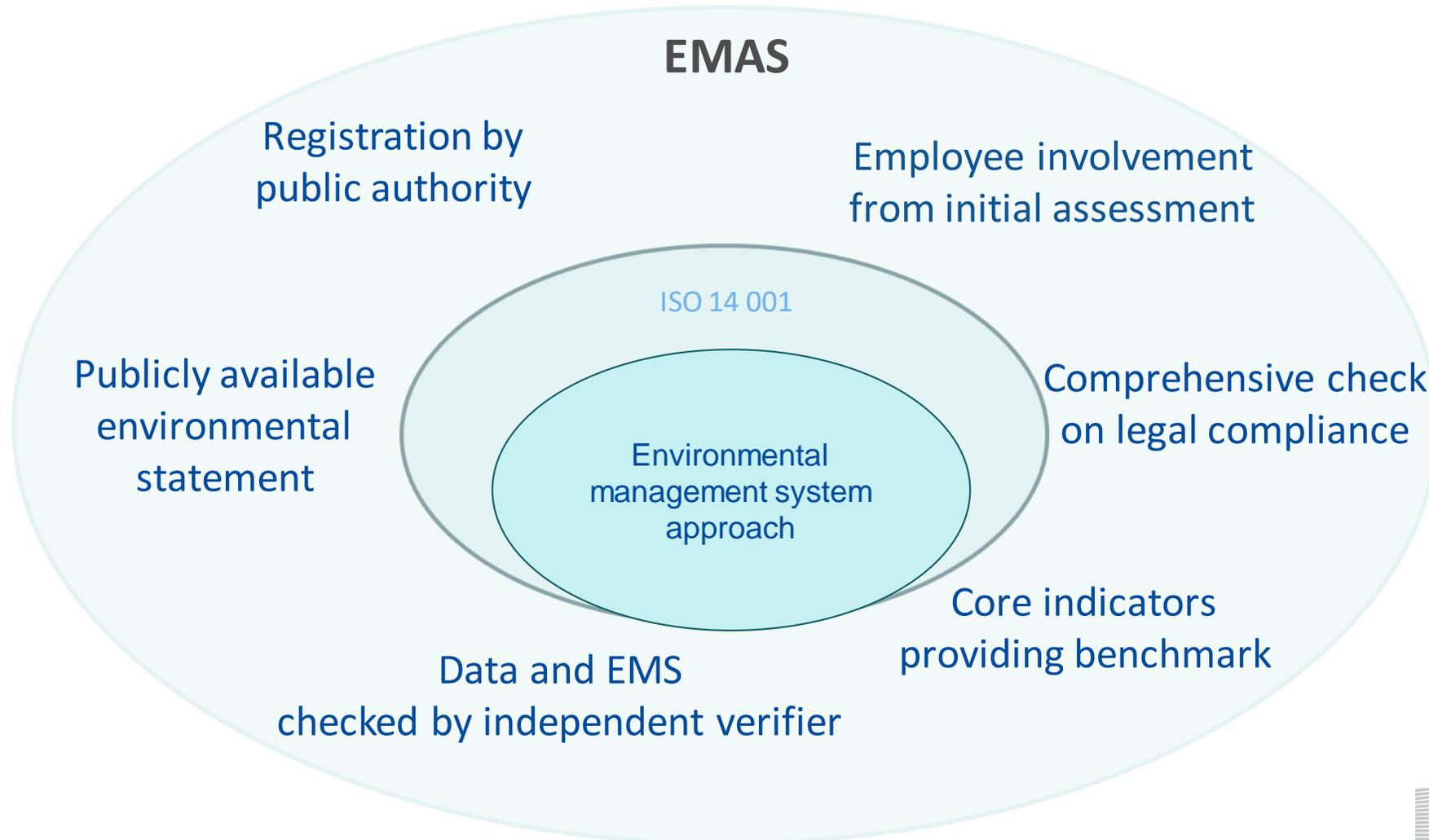
⇒ For detailed information about the costs of EMAS implementation and financial incentives, please contact your national Competent Body.

How is performance assessed?

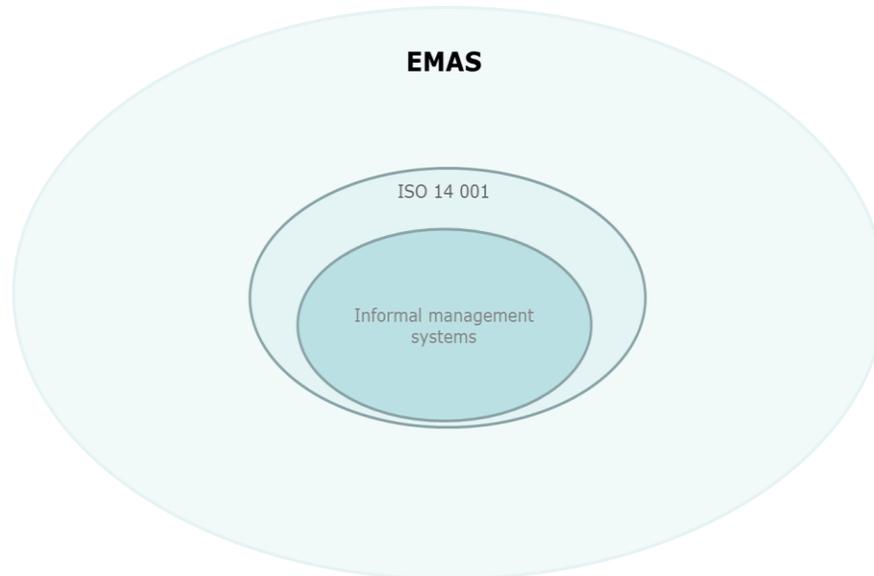
Six core indicators that reflect direct environmental aspects are assessed over time. They are included in the environmental statement and calculated per output.

Key area	Input/impact	Output/activity
Energy efficiency	Direct energy consumption Total renewable energy consumption Total renewable energy generation	selected and reported based on specific requirements (Annex IV EMAS Regulation)
Material efficiency	annual mass-flow of key materials used (excluding energy carriers and water)	
Water	Total annual water used	
Waste	Total annual generation of waste Total annual generation of hazardous waste	
Land use with regard to biodiversity	Total use of land <i>Total sealed area</i> <i>Total nature-oriented area on site</i> <i>Total nature-oriented area off site</i>	
Emissions	Annual emissions of greenhouse gases (CO ₂ eq.) Annual air emissions	

How is it different from other tools?



How is it different from other tools?



- Over 70% of environmental verifiers perceive EMAS to be more effective than ISO 14001 in ensuring legal compliance.
- 72% of environmental verifiers consider EMAS more effective than ISO 14001 in ensuring the **transparency**, **trustworthiness** and **completeness** of environmental reports and documentation.
- 69% of EMAS-registered organisations feel that EMAS helps them achieve legal compliance more easily and completely than ISO 14001 alone (80% of them have both EMAS and ISO 14001)

Organisations choosing EMAS

*Without any doubt, the first reason is **communication**. We chose EMAS registration because of the possibility to actively and transparently communicate to the public and to all stakeholders the environmental performance of our plants.*

Large, multi-site company in Italy

*We see it [EMAS] as the **GOLD standard in best environmental practice**. Our goal was to **demonstrate a leadership position in our industry**– EMAS supports this objective. It's transparent and requires specific measurable objectives that actually make a real difference.*

Small printing company in the UK

*Certifications drive the organisation towards more structured management with pre-determined prerequisites, **which benefit the internal organisation of the company**. This is the **first reason**. Second is the **external visibility for commercial purposes**, as such prerequisites are requested by clients.*

Small waste sector company in Italy

*We decided to adopt EMAS because we were already ISO 14001-certified and we realised that, **with EMAS, we could achieve further advantages in terms of compliance with energy management regulations** and with the auditing process.*

Large manufacturing company in Germany

Transparent communication, visibility, reputation, credibility and legitimacy emerge as the top priorities underlining EMAS registration.

EMAS' premium services: Sectoral Reference Documents

Retail trade



Food and beverage manufacturing



Tourism



Agriculture



Construction



Public administration



Electrical and electronic Equipment Manufacturing



Car manufacturing



Telecommunication and ICT services



Fabricated metal products Manufacturing



Waste management



- ✓ Sectoral Reference Documents are available to enable organisations to identify best environmental management practices before deciding on their action plan.
- ✓ These documents include sector-specific performance indicators.
- ✓ They provide benchmarks of excellence for organisations.

EMAS' premium services: Tools to implement EMAS

1. Reference data Date: 24.07.2017
Revision: 2

Organisation: Super Cars
Site: Kyffhäuserdam, Berlin
Country/EU Member State: DE
Person responsible for data collection: Enrico Meier

Put your data in the white cells. Red cells are filled automatically.

2016 is an example - please choose your own base year.

First year of this reporting cycle: 2016

Production/Service data for the year				2016
Main products/services, produced/performed in this year	number of items	% share with respect to turnover	Weight per item (in case of products) [t]	
Product 1/ Service type 1	Car sales	1000	20	
Product 2 / Service type 2	Maintenance			
Product 3/ Service type 3	Office work			
Product 4/ Service type 4	Washing of cars			
Product 5/ Service type 5				
In total		1000	20	

Production/Service data for the year				2017
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Product 5/ Service type 5				
In total				



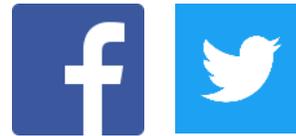
Practical tools are available to help organisations implement EMAS:

- **4 tools** in Excel format:
 - ✓ Tool 1 summarises the organisation's key activities
 - ✓ Tool 2 is used to identify its environmental aspects and impacts
 - ✓ Tool 3 structures responsibilities
 - ✓ Tool 4 calculates key indicators and monitors progress
- **1 Instruction manual**
 - ✓ Highlights where the tools fit into the implementation of EMAS

Top performers you might encounter in everyday life



Quality mark:
Can only be
used by
registered
organisations



TAKE A TOUR AND DISCOVER
EMAS PERFORMERS' ACHIEVEMENTS
#EMASPerformers

Select your sector

Sector Manufacturing

Best Practices

RICOH CGMEX ecoprint GUSTAVSBERG Postinger

TOP PERFORMERS HONoured

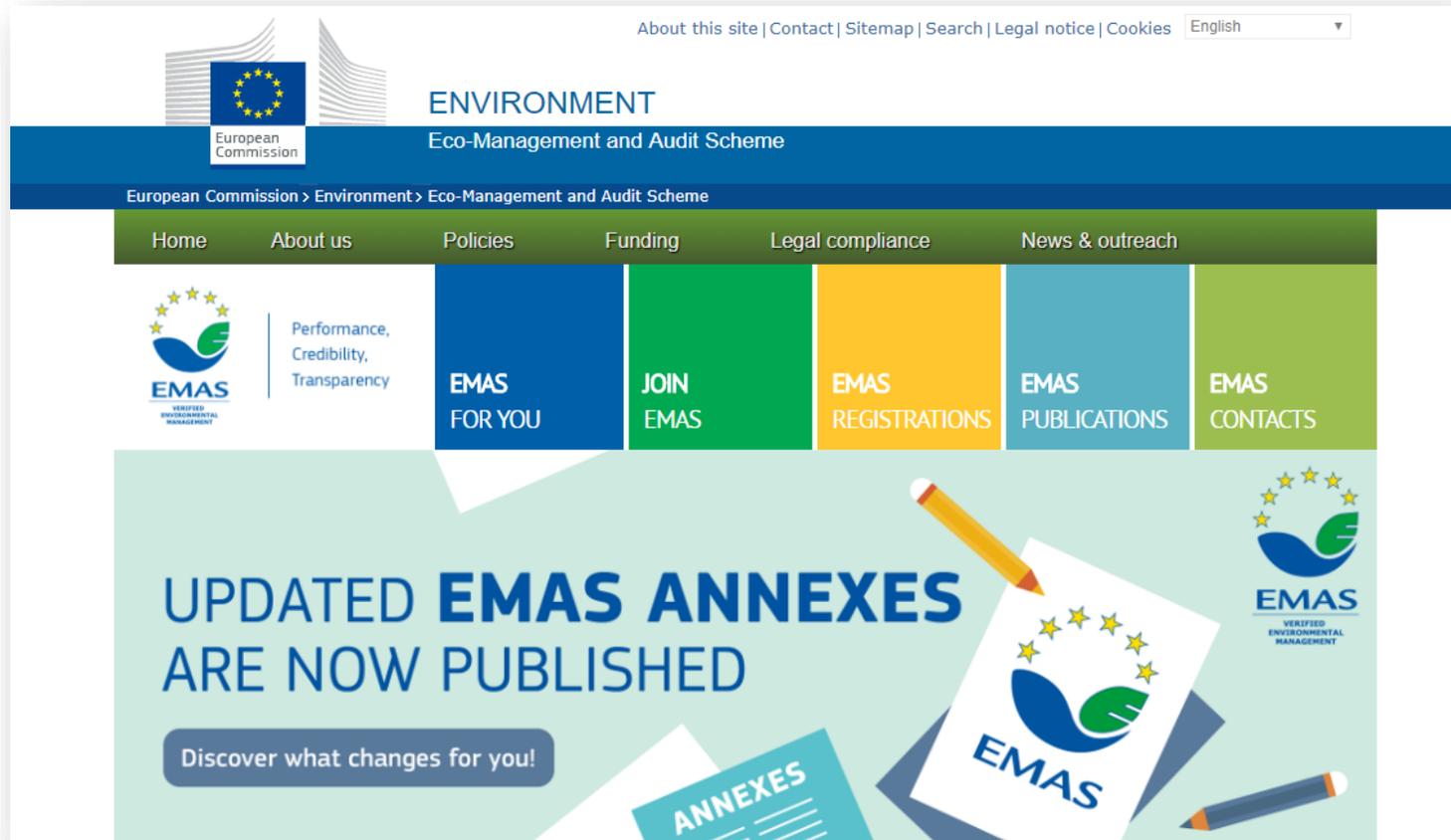
Top performers you might encounter in everyday life



EMAS' premium services: Guidance, Fact Sheets, Helpdesk, ...



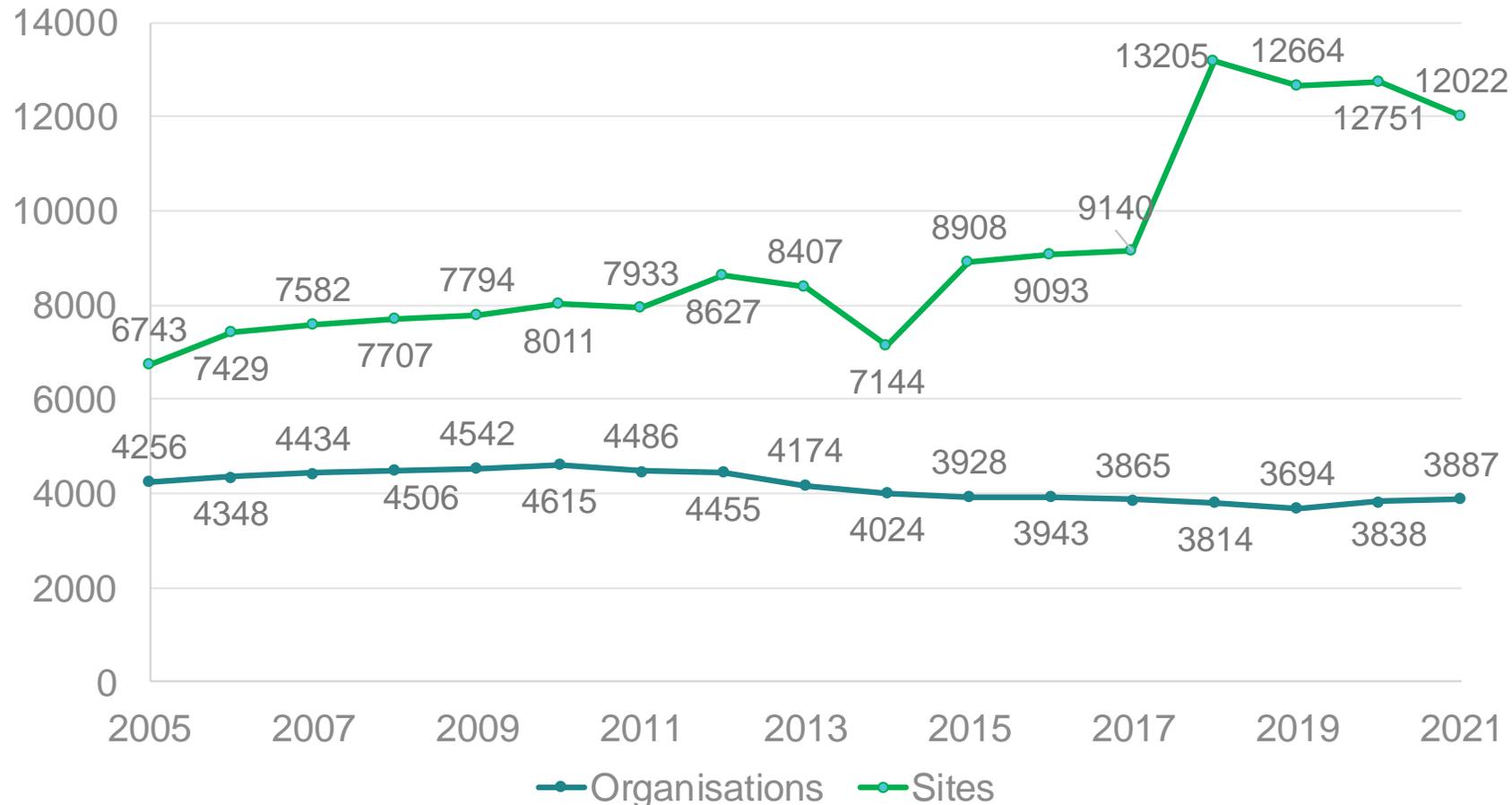
Visit the official EU website to learn more about EMAS



www.ec.europa.eu/environment/emas

How many organisations are EMAS-registered?

In 2021, 3,887 organisations and 12,022 sites are EMAS-registered*.



Do you want to be the next EMAS-registered organisation?

Feel free to contact your national Competent Body with any questions you may have:

http://ec.europa.eu/environment/emas/emas_contacts/competent_bodies_en.htm

Or contact the EMAS Helpdesk:

Email: emashelpdesk@adelphi.de

Tel: +49 (30) 89 000 68 - 285

Fax: +49 (30) 89 000 68 – 10

The Helpdesk is operated by adelphi in cooperation with EMAS Club Catalonia, the Environment Agency Austria and 21 Solutions on behalf of the European Commission, Environment DG

EMAS Website: ec.europa.eu/environment/emas

Keep in touch



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Thank you



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