



ENHANCE WORKSHOP IN PISA

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SCIENTIFIC RESEARCH CENTRE BISTRA PTUJ



MISSION

ZRS Bistra Ptuj is a supporting environment for the regional development, generating creative research and development space between business and academia.

MAJOR TASKS:

Regional and Local Development.

Scientific and research work.

Knowledge transfer from research institutions to economic sector.

Promotion, creation and shaping the knowledge and human resources in the region.





EMAS regulatory relief in Slovenia

EMAS in Slovenia	Since 2000 (only for industry) Since 2009 revised and adopted for the SME
Profile of EMAS organizations	 11 EMAS organizations: 1 public institution 2 medium-sized enterprises 8 large companies 1 EMAS Verifier
EMAS regulatory relief	Environment Protection Act, Article 32 (Environmental management system of organizations) reducing the frequency and scope of the monitoring and reporting (Regulation: emissions limits, prevention of major disaster and waste management)

not transposed into Slovenian legal order





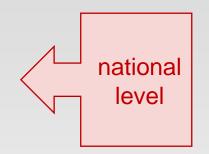


Regulatory relief:

Incentive to increase/maintain the number of EMAS?

In the middle term YES, if:

- effective promotional and communication strategy
- technical assistance
- financial support for EMAS registration



Opportunities to develop better regulation measures in Slovenia*:

- reduced frequency of energy audits,
- reduced monitoring and reporting requirements,
- Green public procurement (valorisation of EMAS registration in public tenders),
- reduction of financial guarantees (to provide to obtain an environmental permit to operate like in waste sector),
- environmental tax breaks.

^{*}Interviews with different EMAS stakeholder (11): EMAS organisations, ISO 14001 organisations, EMAS verifier, controlling authority, competent body, regulatory authority, chamber of industry





Competitiveness: EMAS&ISO 14001

Number of EMAS and ISO 14001 organisations:

EMAS organisations/location	ISO 14001	ISO 9001
(2017) (www.arso.gov.si)	(2016)** (www.iso.org)	(2016)** (www.iso.org)
11/17	461	1848

- Economic sector: Global market, cost reducing
- Public sector: Positive example to citizens

EMAS updating of ISO –
improving
environmental performance
and credibility

➤ Increasing number of ISO 14001:

ISO 9000	ISO 14001	
Quality Management System	Environmental Management System	
Quality Policy	EVIDU Environmental Policy	
Resources	Resources	
Organization	Structure&Responsibility	
Training	Training	
Management Representative	Management Representative	
Process Control	Operational Control	
System Documentation	System Documentation	
Document Control	Document Control	
Inspection&Testing	Monitoring&Measurement	
Corrective&Preventive Action	Non-conformance and	
Corrective & Preventive Action	Corrective&Preventive Action	
System Audits	System Audits	
Management Review	Management Review	

- ISO 14001 standard complies the ISO 9001
- Similar composition
- Similar approaches to achieving goals
- Effective promotional instrument!!



EMAS and legal compliance



EMAS	ISO 14001:2015
Provide compliance with environmental legislation.	Ensure maximum compliance with the requirements of the legislation.
It must commit to continuously improving their environmental performance.	It must commit to continuously improving their environmental performance
It must demonstrate that they conduct an open dialogue with all stakeholders.	Organizations recommend open, transparent, complete and inconsistent communication with stakeholders.
Employees should be involved in improving the organization's environmental performance.	Environmental management system should be integrated as much as possible into all business processes.
System needs to be checked by performing internal audits and management reviews.	System needs to be checked by performing internal audits and management reviews.
It must publish and update the certified environmental statement of EMAS for external communication.	No obligation to publicize the effects on the environment.

EMAS a tool to guarantee a better management of legal compliance: YES

- Directly on the level of EMAS system requirements:

 Proof of full legal compliance is required

 Legal security
- Indirectly on the level of regulatory reliefs adoption:

 Raising the level of compliance with environmental legislation





Regulatory relief: ISO 14001 : EMAS

The most important drivers for **EMAS/ISO** organisations:

- improve environmental performance (EMAS goes further by including Sectoral Reference Documents guiding environmental performance improvement),
- to improve the organisations public reputation (includes reporting on a set of indicators),
- > to contribute to a more sustainable world by reducing negative impacts,
- improve management and
- guarantee of legal compliance.

ISO 14001 should not have the same level of regulatory relief of EMAS





Stricter collaboration: EMAS verifiers and controlling authorities

- ➤ Acceptance of data from environmental verifier:
 - Audit by verifier replaces the first-level control of the controlling authority





THANK YOU FOR YOUR ATTENTION!

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