

# 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	<p>Since 2000 (only for industry)          Since 2009 revised and adopted for the SME</p>
Profile of EMAS organizations	<p>11 EMAS organizations:</p> <ul style="list-style-type: none"> <li>- 1 public institution</li> <li>- 2 medium-sized enterprises</li> <li>- 8 large companies</li> </ul> <p>1 EMAS Verifier</p>
EMAS regulatory relief	<p style="text-align: center;">Environment Protection Act, <i>Article 32</i>          (Environmental management system of organizations)</p> <p style="text-align: center;"><b>... reducing the frequency and scope of the monitoring and reporting ...</b></p> <p>(Regulation: emissions limits, prevention of major disaster and waste management)</p>

**not transposed** into Slovenian legal order

**no legal basis** for implementation in practice

## 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.

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\*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 (2017) (www.arso.gov.si)	ISO 14001 (2016)** (www.iso.org)	ISO 9001 (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 Quality Management System	ISO 14001 Environmental Management System
Quality Policy	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
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		ISO 14001:2015
Provide compliance with environmental legislation.	<input type="checkbox"/>	Ensure maximum compliance with the requirements of the legislation.
It must commit to continuously improving their environmental performance.	<input checked="" type="checkbox"/>	It must commit to continuously improving their environmental performance
It must demonstrate that they conduct an open dialogue with all stakeholders.	<input type="checkbox"/>	Organizations recommend open, transparent, complete and inconsistent communication with stakeholders.
Employees should be involved in improving the organization's environmental performance.	<input type="checkbox"/>	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.	<input checked="" type="checkbox"/>	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.	<input type="checkbox"/>	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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