



# EMS KAO ALAT ZA POVEĆANJE KONKURENTNOSTI

*Serbian Visions, 17.05.2015*

*mr Dragana Petrović, Victoria consulting d.o.o.*



# Zašto je suštinski važno?

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*Victoria consulting*



# Aspekti i uticaji na životnu sredinu



**Aktivnosti  
Proizvodi  
Usluge**

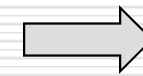
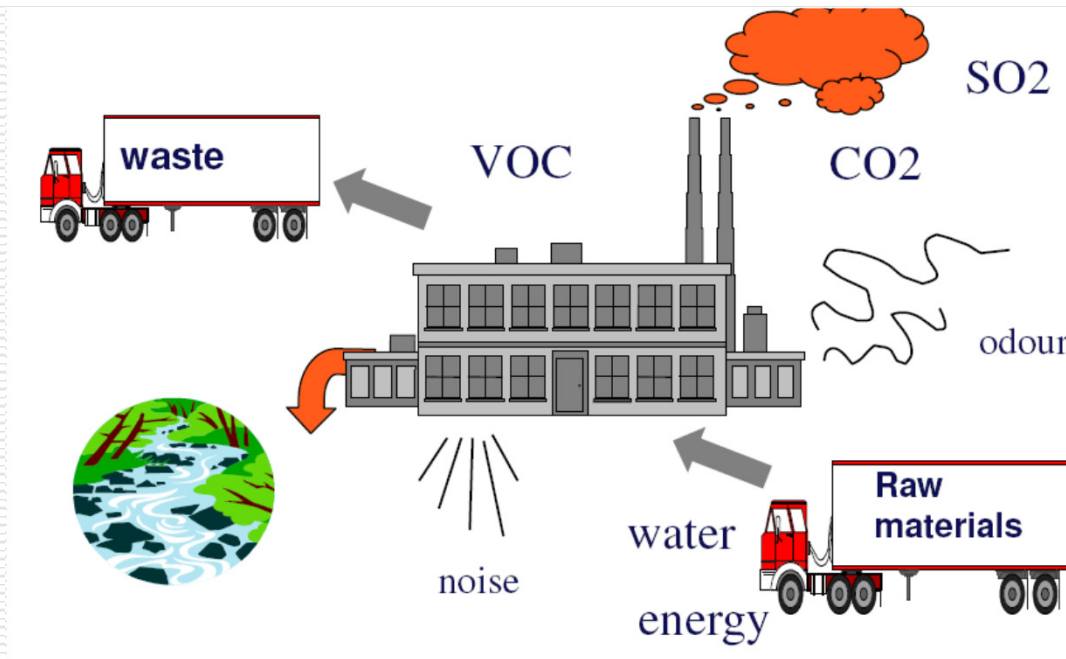


**Aspekti  
životne sredine**



**Uticaji na  
životnu sredinu**

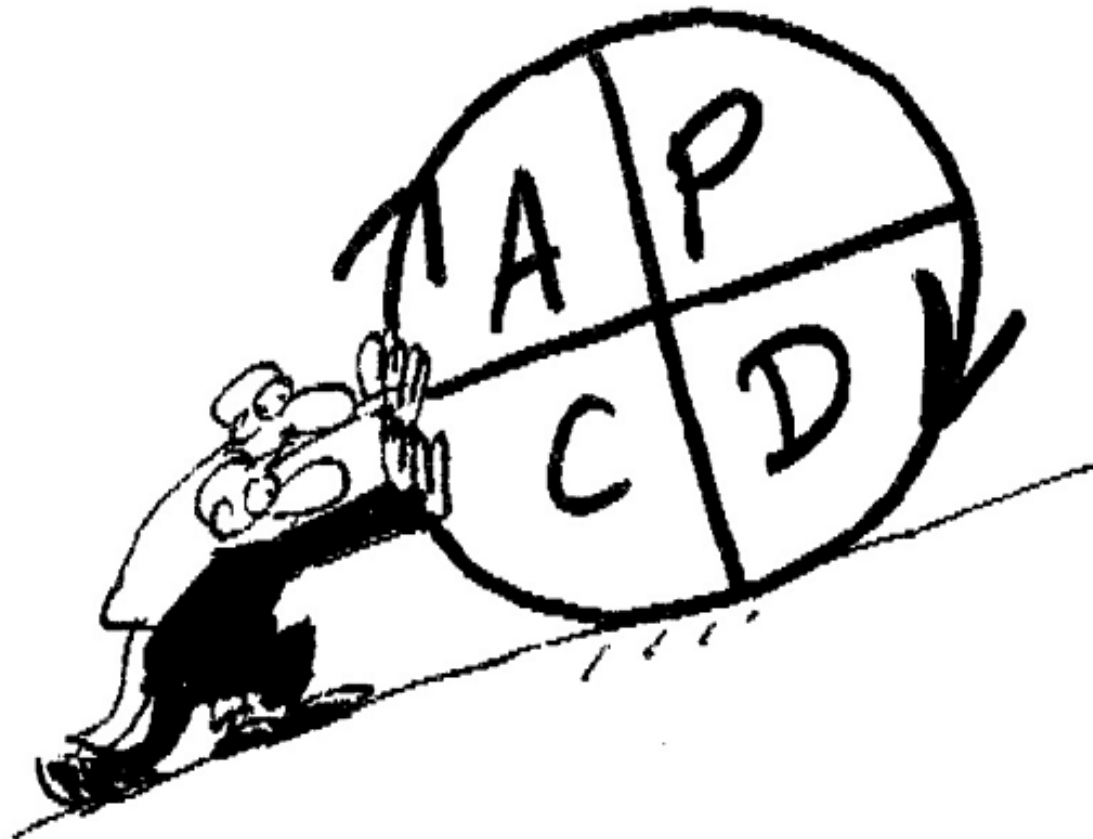




**proizvod/  
usluga**







# ISO 14001:2004

Stalno poboljšavanje

Preispitivanje od strane  
rukovodstva

## Proveravanje i delovanje

- Pračenje i merenje
- Vrednovanje usklađenosti
- Neusaglašenosti, korektivne i preventivne mere
- Upravljanje zapisima
- Interna provera

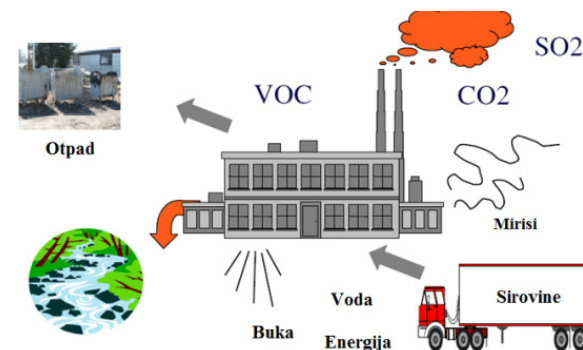
Politika ŽSS

## Planiranje

- Aspekti ŽSS
- Zakonski i drugi zahtevi
- Opšti i posebni ciljevi i programi

## Primena i sprovođenje

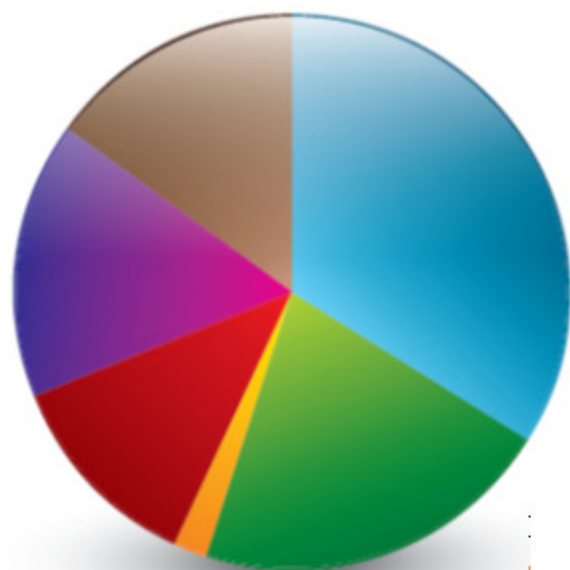
- Resursi, zadaci, odgovornosti i ovlašćenja
- Kompetentnost, obuka i svest
- Komuniciranje
- Dokumentacija
- Kontrola nad operacijama
- Pripravnost za reagovanje u vanrednim situacijama i odgovor na njih







# Primer – rezultati ČP



34% Domaćinsko poslovanje i organizacione mere

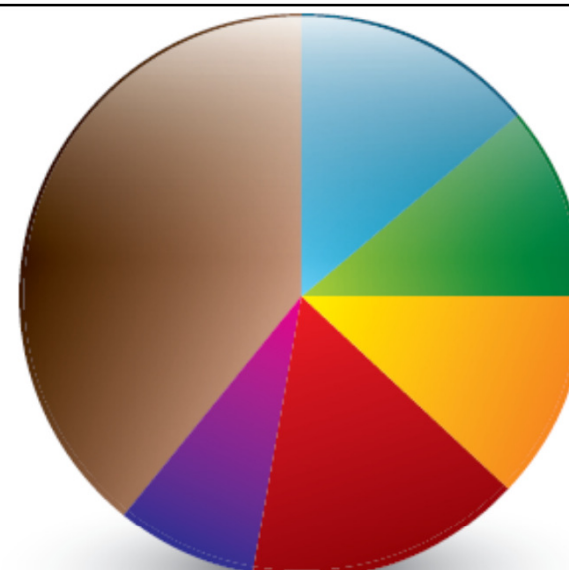
15% Tehnološke modifikacije

16% Nova oprema

12% Interna reciklaža

2% Zamena sirovina

21% Ostalo



14% Smanjena potrošnja vode

39% Ušteda energije

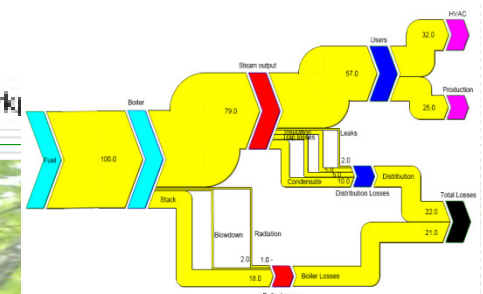
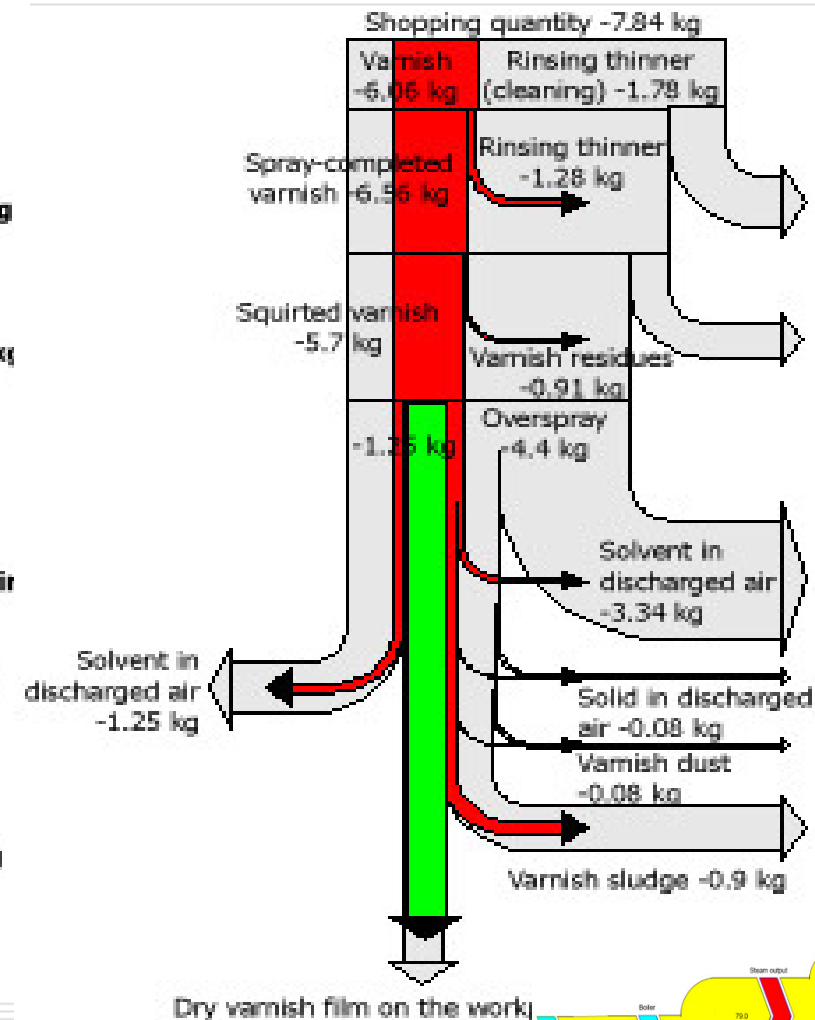
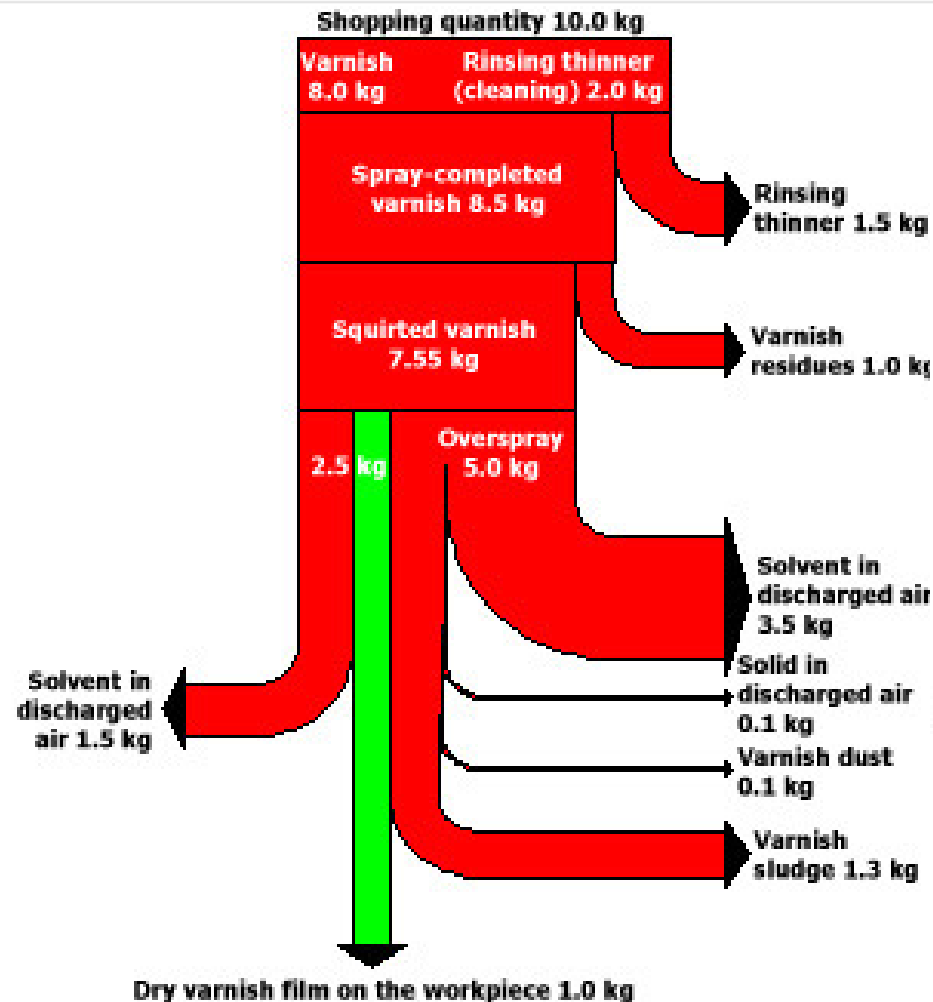
8% Ušteda materijala

16% Smanjene emisije u vodu

12% Smanjene emisije u vazduh

11% Smanjenje otpada







# EMAS III



22.12.2009

EN

Official Journal of the European Union

L 342/1

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(Acts adopted under the EC Treaty/Euratom Treaty whose publication is obligatory)

## REGULATIONS

REGULATION (EC) No 1221/2009 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL  
of 25 November 2009

on the voluntary participation by organizations in a Community eco-management and audit scheme (EMAS), repealing Regulation (EC) No 761/2001 and Commission Decision 2006/681/EC and 2006/1927/EC

THE EUROPEAN PARLIAMENT AND THE COUNCIL OF THE EUROPEAN UNION,

Having regard to the Treaty establishing the European Community, and in particular Article 175(1) thereof,

Having regard to the proposal from the Commission,

Having regard to the opinion of the European Economic and Social Committee<sup>(1)</sup>,

Having regard to the opinion of the Committee of the Regions<sup>(2)</sup>,

Acting in accordance with the procedure laid down in Article 251 of the Treaty<sup>(3)</sup>,

Whereas

(1) Article 2 of the Treaty provides that the Community is to have among its tasks the promotion of sustainable growth throughout the Community;

(2) Decision No 1600/2002/EC of the European Parliament and of the Council of 22 July 2002 laying down the Sixth Community Environment Action Programme<sup>(4)</sup> identifies the improvement of collaboration and partnership with enterprises as a strategic approach to meeting environmental objectives. Voluntary commitments are an essential part thereof. Encouraging wider participation in the Community's eco-management and audit scheme (EMAS) and the

development of initiatives to encourage organizations to publish regular and independently verified environmental or sustainable development performance reports is regarded as necessary in this context.

(3) The Commission Communication of 30 April 2007 on the Mid-term review of the Sixth Community Environment Action Programme recognises that there is a need to improve the functioning of the voluntary instruments that have been designed for industry and that those instruments have a great potential but have not been fully developed. It calls upon the Commission to revise the instruments in order to promote their participation and reduce the administrative burden in their management.

(4) The Commission Communication of 16 July 2008 on the Sustainable Consumption and Production and Sustainable Industrial Policy Action Plan recognises that EMAS helps organizations to optimise their production processes, reducing environmental impacts and making more effective use of resources.

(5) For the purpose of promoting a coherent approach between the legislative instruments developed at Community level in the field of environmental protection, the Commission and the Member States should consider how registration under EMAS may be taken into account in the development of legislation or used as a tool in the enforcement of legislation. They should also, in order to raise the appeal of EMAS for organizations, take account of EMAS in their procurement policies and, where appropriate, refer to EMAS or equivalent environmental management systems as contract performance conditions for works and service.

<sup>(1)</sup> Opinion of 25 February 2009 (not yet published in the Official Journal).

<sup>(2)</sup> OJ C 120, 28.5.2009, p. 56.

<sup>(3)</sup> Opinion of the European Parliament of 2 April 2009 (not yet published in the Official Journal) and Council Decision of 26 October 2009.

<sup>(4)</sup> OJ L 242, 10.9.2002, p. 1.

Uredba (EZ) Br 1221/2009

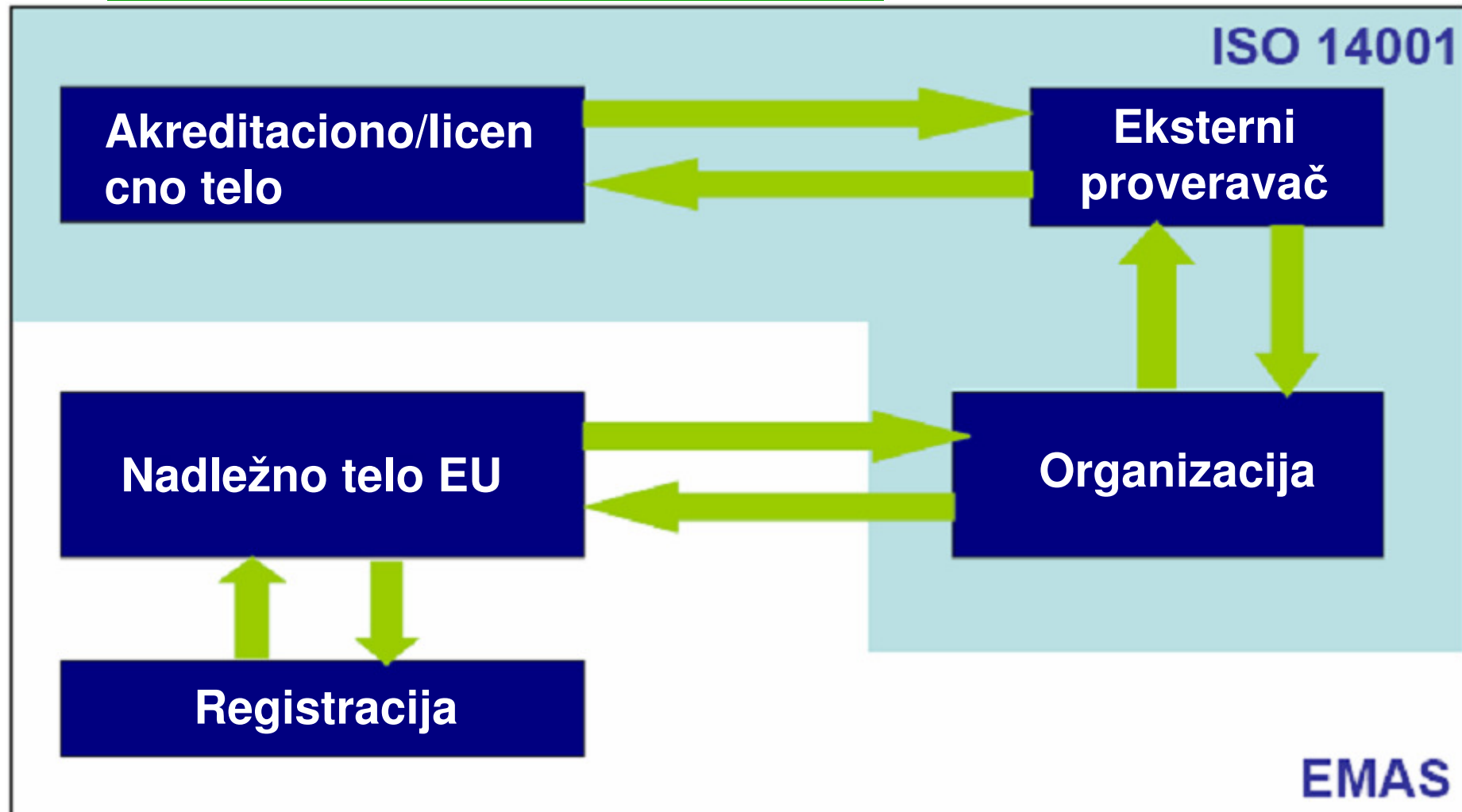
resulting

**EMAS**





# Registracija





- ☐ [www.EMAS.rs](http://www.EMAS.rs)
- ☐ Širenje EMS/EMAS pozitivnih primera (prvenstveno iz Srbije) i podsticanje organizacija da koriste EMAS
- ☐ Informisanje javnosti o ključnim EMAS aktivnostima
- ☐ Kreiranje web platforme gde će centralizovano moći da se objavljuju najznačajnija dokumenta u vezi sa EMAS



[http://ec.europa.eu/environment/emas/index\\_en.htm](http://ec.europa.eu/environment/emas/index_en.htm)

**EMAS**  
VERIFIED  
ENVIRONMENTAL  
MANAGEMENT

Home

News and events

About EMAS

Registered organisations

How to join EMAS

Publications and projects

EMAS Awards

EMAS community

**| Welcome to EMAS!**

Interest in the environmental performance of organisations is continually increasing. Taking a proactive approach to environmental challenges is now the hallmark of successful organisations.

The EU Eco-Management and Audit Scheme (EMAS) is a management instrument developed by the European Commission for companies and other organisations to evaluate, report, and improve their environmental performance. EMAS is open to every type of organisation eager to improve its environmental performance. It spans all economic and service sectors and is applicable worldwide.

Currently, more than 4,500 organisations and approximately 8,150 sites are EMAS registered worldwide. Among them are many multinational enterprises and smaller companies as well as public authorities.

last updated 5 March 2015

JRC call for tender closing soon!  
[more](#)

EMAS as a tool for International Business  
[more](#)

**EMAS becomes a reality in Serbia**  
[more](#)

EMAS Logo Generator updated!  
[more](#)

EMAS Newsletter: [January issue](#)  
Subscribe here:

**Eco-label**

**ECAP**  
Small, clean, competitive

**Green Public Procurement**

# Uključivanje zaposlenih

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# Izveštavanje – ali stvarno

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- ☐ (C)SR nije isto što i filantropija
- ☐ CSR izveštaj nije spisak donacija i sponzorstava
- ☐ Važan je kontekst organizacije
- ☐ Kredibilan izveštaj – ne puki promo materijal



# Ključni EPI

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- ❑ **Energetska efikasnost** (*MWh, GJ/godišnje, udeo energije iz obnovljivih izvora*)
- ❑ **Efikasnost korišćenja materijalnih resursa** (t/godišnje)
- ❑ **Voda** (ukupna potrošnja, m<sup>3</sup>/godišnje)
- ❑ **Otpad** (ukupan otpad, opasan otpad, t/godišnje)
- ❑ **Biodiverzitet** (korišćenje zemljišta, m<sup>2</sup>)
- ❑ **Emisije** (emisija gasova staklene bašte, t CO<sub>2</sub>/godišnje)
  
- ❑ Svaki EPI: 3 elementa:
  - A – Ulazi, B – Izlazi, C - Njihov odnos (A/B)



# Poštovanje propisa, benčmarking

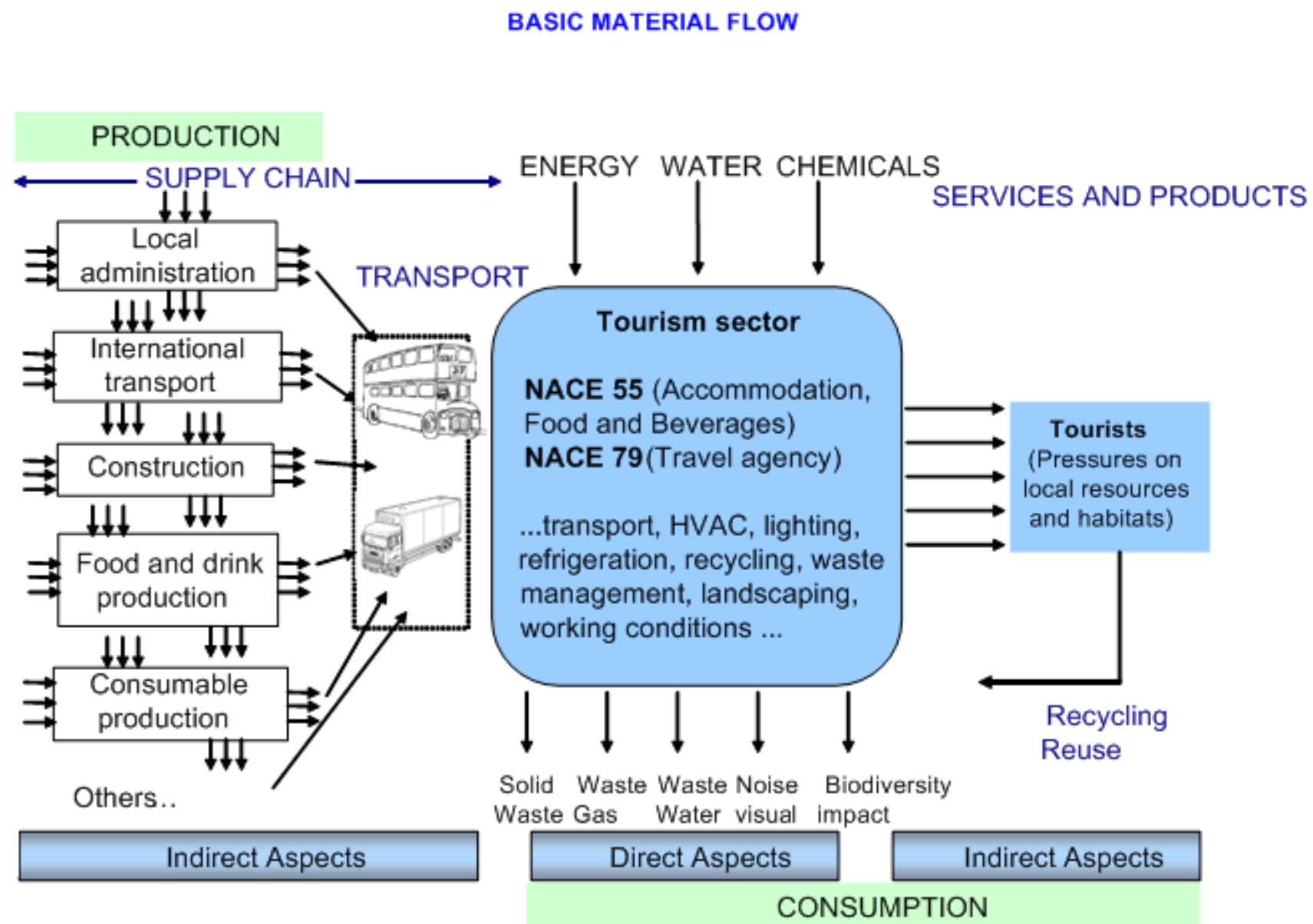
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- ☐ Usklađenost sa odgovarajućim zakonskim propisima – zahtev u EMAS

## Benčmarking:

- ☐ Sektorske smernice
- ☐ Propisi EU
- ☐ Izjave o zaštiti životne sredine







# Koristi od EMAS, hoteli

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- ☐ Dodatna atraktivnost hotela za turiste
- ☐ Ušteda resursa
- ☐ Kredibilnost (EMAS prepoznat od strane države, kredibilno izveštavanje, itd).
- ☐ Praćenje i merenje, EPI, benčmarking
- ☐ Indirektni aspekti...





# Ne dozvolite...

*Victoria consulting*







• *SISTEM FUNKCIONIŠE*



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