

## Workshop on Operating a Competent Authority



**Inspection management and EU ETS  
implementation in Croatia**

**Vilnius, Lithuania, 13-15 October, 2015**

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Protection**

15 October 2015

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## Content

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- Climate legislation in Croatia
- Environmental Protection Inspection (EPI) and legal basis – EU ETS
- Current practice

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## Climate Legislation in Croatia

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- **Air Protection Act**  
(OG No. 130/11, 47/14)
- 2 International treaties
- 8 Regulations
- 5 Ordinances
- 8 Decisions
- Plan on allocation of greenhouse gas emissions quotas in the Republic of Croatia (National Allocation Plan)(OG No. 76/09)



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## Background

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- Croatia introduced the monitoring, verification and reporting provisions of the EU ETS in accordance to the EU ETS Directive in 2010.
- Installation operators were obliged to monitor and report in line with the Monitoring and Reporting Guidelines and the Directive's verification requirements; no obligation to surrender allowances



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## Stakeholders (1):

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Ministry of Environmental and Nature Protection:

- The Climate Change Department of the MENP serves as the administrative CA; responsible for issuing permits, approving monitoring plans (MP) and enforcement
- Directorate for Inspection – planned and requested on-site visits

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## Stakeholders (2).

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Croatian Environment Agency:

- Serves as the technical CA
- Provides technical assessment of MPs
- Issues opinions on their approval to the MENP
- Other useful information

## Stakeholders (3):

- 1) Verifiers – issue verified AERs
- 2) Croatian Accreditation Agency (CAA) – the national accreditation body for the EU ETS:
  - Member of the European Cooperation of Accreditation (EA)
  - Participated in the EA's peer review

With the accreditation system provided by CAA in accordance with the AVR and ISO 14065, 3 verifiers have been accredited, compared to 22 in Phase II

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## Accreditation certificate

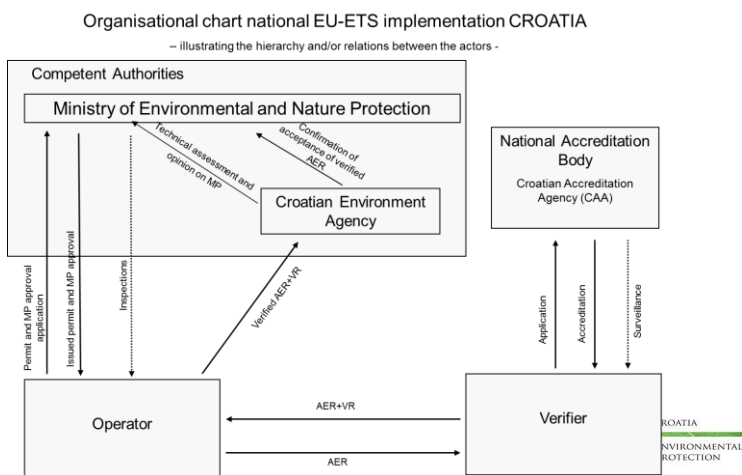


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## Summary - Organisational chart EU-ETS in Croatia



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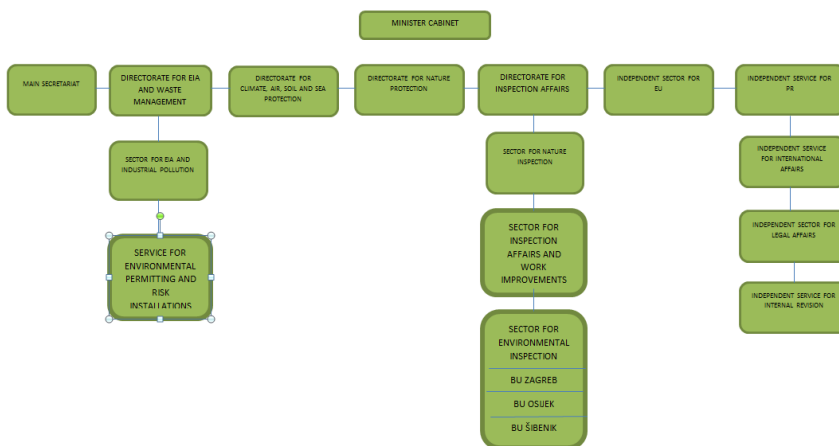
## EPI in MENP (1)

- Ministry for Environmental and Nature Protection (MENP) – central authorities for implementing environmental management and protection policy in Croatia (Coordinating role)
- Organigram of MENP
- EPI competences: control of EP conditions, EIA (Environmental Impact Assessment), air emissions and quality, waste management, environmental accidents, sea water quality, SEVESO, ODS (ozone depleting substances), light protection, TFS (Transfrontier Shipment of Waste), remediation of environmental damage...

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## EPI in MENP (2)



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## EPI in MENP (3)

75 inspectors in total operating through the Central office in Zagreb (Coordinated inspection coordinator) and 20 Offices within 3 Branch Units



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## EPI in MENP (3)

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- Legal basis according to Art. 224 (3) EPA (Official Gazette 80/13, 78/15)
- Coordinated inspections since 2007 according to Agreement on cooperation between inspection services – installations with significant environmental impact (Annex I IE Directive)
- EU ETS operators are submitted to coordinated inspections



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## ETS in Croatia

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- 72 installations
- 59 installations since 2013 included in EU ETS – EU Emission Trading Scheme
- 13 installations excluded from trading, but have an obligation to monitor and report



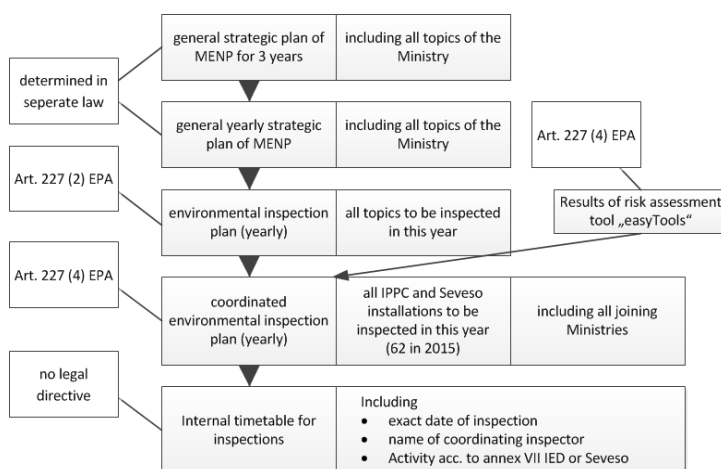
## EU ETS inspection

- Started in 2013, following the Phase II
- In 2013 60 on-site visits have been made by inspectors
- The review of operator's procedures is not covered (it's left to verifiers)



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## Inspection planning (1)



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## Inspection planning (2)

2015 INSPECTION ANNUAL WORK PLAN			
I Quarter	II Quarter	III Quarter	IV Quarter
Coordinated inspection Coordinator of Coordinating inspections: Ante Belamarić			
Inspection of authorized persons for waste management Coordinator: Natalija Vrdoljak			
Inspection of Local Authorities - control of provisions of Waste Management Act Coordinator: Renata Miletić			
TFS control Coordinator: Vlasta Pašalić			
Landfills Inspection – remediation and activities based on State Fire protection Action Program Coordinator: Ivan Pušić			
	Inspection of ODS – <u>Halons</u> Coordinator: Diana Rački		Inspection of Local Authorities and Municipal Services according Regulation on Municipal Waste Pending Regulation
	Inspection of Military objects Coordinator: Ante Belamarić		
Inspection of EEE sellers Coordinator: Branimir Fuk			
Implementation of TWL IPA 2011 Project „Capacity building of the environmental inspection and other relevant authorities and institutions for preventing, recognizing, investigating and prosecuting offences against environment“			
Cooperation and participation in international Networks and Institutions (IMPEL, RENA, THEMIS, INECE, INTERPOL, TWG 2 for SEVESO II ect.).			
Cooperation with other state institutions.			
Planning and reporting, non-routine inspections, control inspections and other from EPI competences			

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## Inspection planning (3) – Easy Tool

- Recently implemented (2014) – Risk Assessment Tool
- frequency of routine site visits for different types of installations
- **Integrated Risk Assessment Method (IRAM)** which was developed by the project group “easy tools” – IMPEL project
- Web-based tool that distinguishes impact criteria and operator performance criteria

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## Inspection planning (4) – Easy Tool

- **Impact criteria:** Emissions into the air, Amount of hazardous waste, Risk of accidents due to hazardous substances, Compliance with Permit conditions, Emissions to the water, Noise emissions, Impact on human health and environment, Distance to sensitive areas or objects
- **Operator performance criteria:** Environmental management system, Willingness of the operator to follow the rules
- The number of the highest ratings decides which category the installation is assigned to, not the average of the ratings
- Risk Category – interval 1, 2 or 3 years

## Inspection planning (5)

September					
No	Installation	Activity	Line inspections	Coordinator of coordinated inspection	Week of inspection
42.	VETROPACK Straža tvornica stakla d.d. Hum na Sutli <a href="http://www.vetropack.hr">www.vetropack.hr</a>	3.3	<ul style="list-style-type: none"><li>WPI – Mirjana Tušek</li><li>MI</li><li>SI – <u>V</u>arerija Golub</li><li>EI – Božidar Bradač</li><li>PVI – Božidar <u>B</u>orevec</li><li>LI</li></ul>	Robert Rocek	31. – 4.
43.	INDUSTRIJA MESA KOKA d.d., Varaždin <u>Meat Industry</u> <a href="http://www.vindija.hr">www.vindija.hr</a>	6.4. (a) i (b) 6.5	<ul style="list-style-type: none"><li>WPI – Neven Miakar</li><li>MI</li><li>SI – Jadranka <u>P</u>očakal</li><li>EI – Zvonko <u>H</u>anžić <u>H</u>anžić</li><li>PVI – Božidar <u>B</u>orevec</li><li>LI</li><li>AI – Biserka Lukić</li><li>LSI – Vera Matešić</li><li>VI – Dragutin <u>P</u>remzl</li></ul>	Neda Gruđen	7. - 11.
44.	HEP-PROIZVODNJA d.o.o. <u>Plant</u> TE-TO Rijeka Power Plant <a href="http://www.hep.hr">www.hep.hr</a>	1.1 SEVESO	<ul style="list-style-type: none"><li>WPI – <u>D</u>ženan <u>A</u>vdic</li><li>MI</li><li>SI – Dražen Nailis</li><li>EI – Zlatko Jurković</li><li>PVI – <u>E</u>ol <u>B</u>uić</li><li>LI</li><li>RND – Nevenka <u>S</u>ugnetić</li></ul>	Snježana Šimunić	7. - 11.

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## Inspection (1)

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- Writing announcement: date, location of inspection, list of contacts and timetable, relevant documentation,
- Preparing inspection: Permits (Integrated Environmental Conditions, Environmental Permit (EP), Waste Management Permit), EIA, Technology process,
- EP should be submitted to inspectors prior to inspection, as well as Forms



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## Inspection (2)

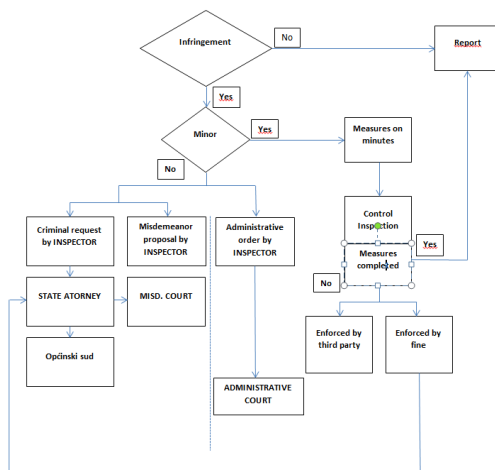
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Inspector checks:

- Compliance with the permit
- Data from PRTR
- Verification of AER
- Reporting
- Union Registry account



## Follow-up of coordinated inspection



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## Non routine inspections

### Initiated by:

- 1.Complaints (BU)
- 2.Accidents (BU)
- 3.Findings from previous inspection
- 4.Request from other state institutions (BU)
- 5.Request as a part of criminal investigation (CI)

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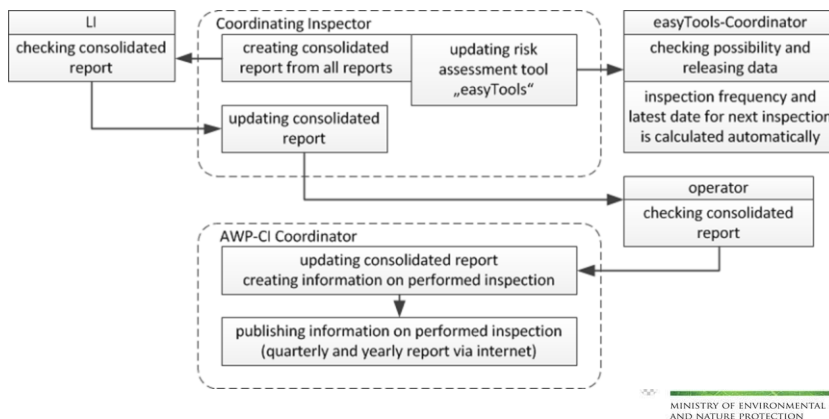
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## Penalties

Fines of € 13,000-30,000 can be charged to legal personson cases where:

- Operating without permit
- Failed to submit an AER
- Not opening a registry account on time
- Fails to submit MP

## Reporting (1)



# Information Published – quarterly and annual report

[http://mzoip.evolare.host25.com/doc/godisnje\\_izvjesce\\_o\\_radu\\_inspekcije\\_zastite\\_okolisa\\_za\\_2014\\_godinu.pdf](http://mzoip.evolare.host25.com/doc/godisnje_izvjesce_o_radu_inspekcije_zastite_okolisa_za_2014_godinu.pdf)

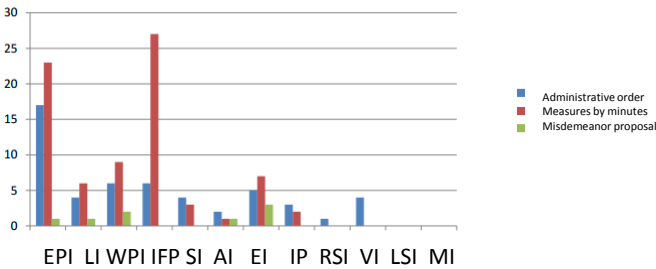
	Cepin	✓										✓		
25.	KEMIS TERMOCLEAN d.o.o. Jastrebarsko	*		*										
26.	INA d.d. Objekt prerade plina Molve	*				*								
27.	PLIVA HRVATSKA d.o.o. Pogon Savski Marof	*						*						
28.	INA d.d. Objekt frakcinacije Ivanić Grad	*				*								
29.	TLM – TVP d.d.	*		*				*						

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# Information Published – Annual Report 2014



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## Compliance Cycle Evaluation 2014

### Summary:

- Croatia implements the EU ETS requirements to a very large extent
- Room for improvement in the reporting by inspecting staff to the CA's staff

## EU ETS in CRO - SWOT analysis

<b>Strengths:</b> <ul style="list-style-type: none"> <li>- Good inspection capacities</li> <li>- Serious operators</li> <li>- Experienced CA</li> </ul>	<b>Weaknesses:</b> <ul style="list-style-type: none"> <li>- Old installations</li> <li>- Possible future lack of experts</li> <li>- 8 installations closed (10% of total ETS installations)</li> </ul>
<b>Opportunities:</b> <ul style="list-style-type: none"> <li>- Good cooperation between operators and CA</li> <li>- Implementation of new technologies</li> </ul>	<b>Threats:</b> <ul style="list-style-type: none"> <li>- Crisis in building sector</li> <li>- old installations – big expences</li> </ul>

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...and finally...

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They say they are Eco-Warriors...  
and they want to know if our signal  
fire is carbon neutral?

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Thank you for attention

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