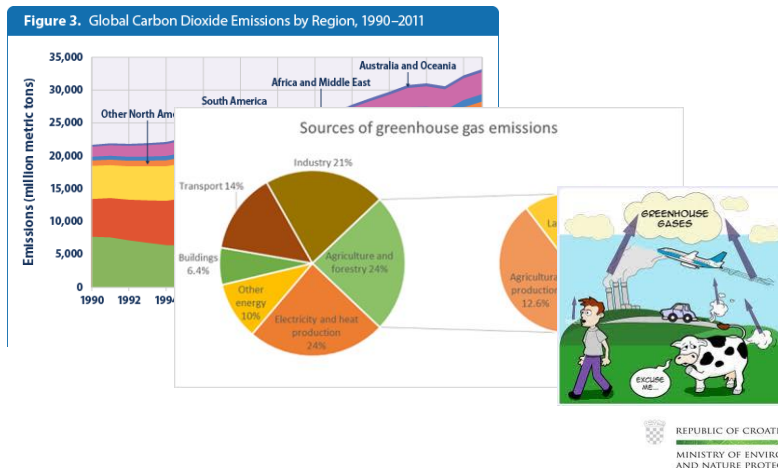




Content

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

GREENHOUSE GASES SOURCES



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Climate Legislation in Croatia

- **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

- 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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MONITORING PLAN

- Ordinance on monitoring, reporting and verification on greenhouse gases emissions for the trading period starting on 1st January 2013. (OG 77/13)
- Monitoring plan – Excel template



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Stakeholders (1):

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).

Croatian Environment Agency:

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



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CEA EDITIONS:



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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

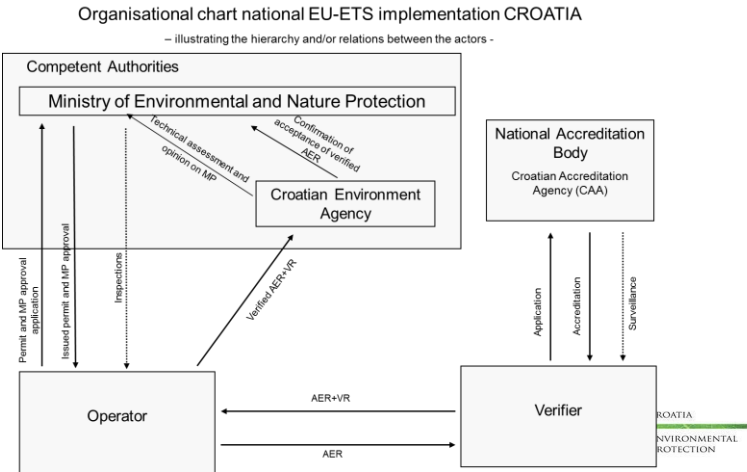


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Summary - Organisational chart EU-ETS in Croatia



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EU ETS permit in Croatia

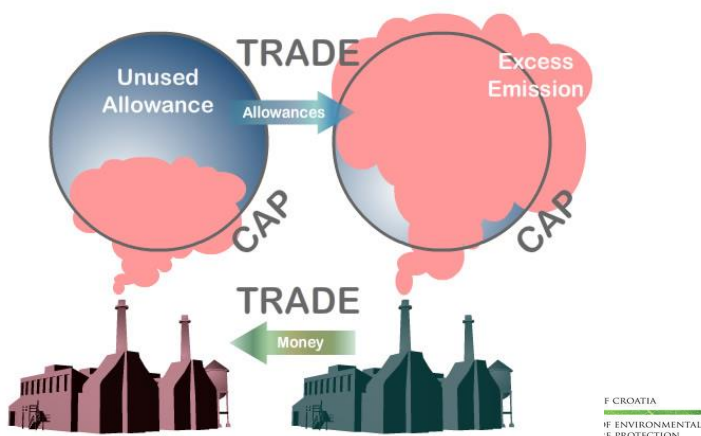
- Permit is issued to an installation or a facility
- IED ≠ EU ETS permit!
- Monitoring plan is a part of EU ETS permit
- Monitoring plan based on calculations and/or measurements
- Includes emissions from energetic installations and process emissions

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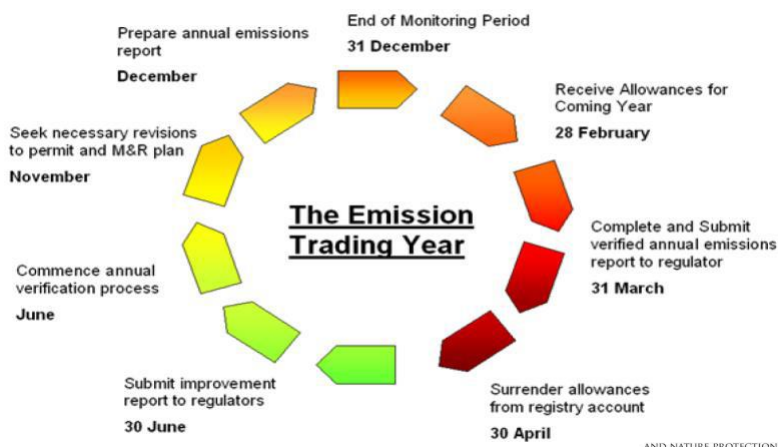
THE EMISSIONS TRADING



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The Emissions Trading Year



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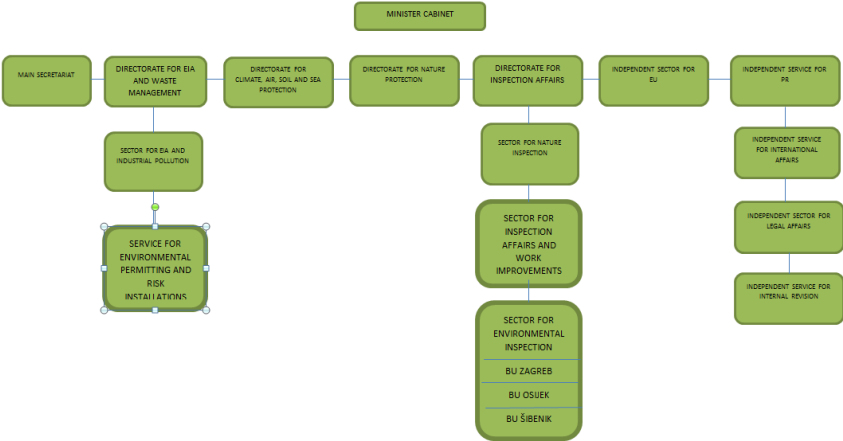
EPI in MENP (1)

- 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 (4)

- 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 installations in Croatia

- 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

- Annual plans
- Easy Tools – Risk Assessment Tool (from 2014)
- Plans published on the MENP web
- In Croatia, most of ETS installations are also IED installations – one inspector covers all the topics


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Inspection (1)

Inspector checks:

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



Inspection (2):

- On site visits
- Monitoring plan (all emission sources included, correct emission factors, changes in process or capacity)
- Planned or unexpected shutdowns
- Data submissions
- Accredited verifier?
- Installation not in use any more



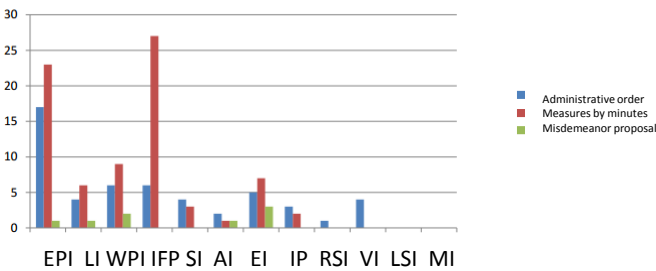
Penalties

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



Information Published – Annual Report 2014



EU REGISTER

- Ministry of Finance: national broker for emission units auctioning
- Croatian Environment Agency: national administrator for Greenhouse gases register
- <http://ec.europa.eu/environment/ets/oha.do?form=oha&languageCode=en&account.registryCode=s=HR&accountHolder=&identifierInReg=&installationIdentifier=&installationName=&permitIdentifier=&mainActivityType=30&complianceStatus=-1&search=Search&searchType=oha¤tSortSettings=>



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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

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

Film

<https://www.youtube.com/watch?v=5YCftlIYLyw>

...and finally...



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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