

ECRAN Climate
Emissions Trading Working Group
EU ETS Regional Training on the M&R and the A&V Regulations
Zagreb, Croatia

**“Monitoring, Reporting and Verification in the
framework of the EU ETS”**

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Ministry of Environmental and Natural Protection



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Emission trading system in Croatia

1. It has been applied in the period from 2010 to 2012.
2. From 1st January 2010 till 31st December 2012 - monitoring and reporting on emissions from installations
3. Since 1st January 2013 - free and partly free allocation on emissions of industrial plants, joining the EU ETS.
4. Purchase of emission allowances through auctions for the electricity power plants.
5. Environmental Protection and Energy Efficiency Fund is the auctioneer for Croatia.
6. The Republic of Croatia has been included in the central auction platform in Leipzig



Emission trading system in Croatia

- 72 operators of installations included in ETS
- 4 electricity generators
- 13 operators of installations are excluded from ETS as small operators (less than 25000 tone CO2 annually, approved by EC)
- 51 operator of installations received free allocation for 2013 and/or 2014



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ETS in Croatia

1. Air protection Act (OG 130/11, 47/14)
2. Regulation on trading greenhouse gas emission allowances (OG 69/12)
3. Ordinance on monitoring, reporting and verification of emission reports from installation and aircraft from 1st of January 2013 (OG 77/13)
4. Regulation on the implementation of the Kyoto Protocol mechanisms, (142/08)
5. Regulations on the use of the Registry of the European Union (NN 4/13)
6. Regulation on auctioning (OG 19/13)
7. Regulations on free allocation to the installations (OG 43/12)



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MRR

- legislation:
- ETS Directive 2003/87/EC (Consolidated version)
- Commission Regulation (EU) 206/2014 amending Regulation (EU) No 601/2012 as regards global warming potentials for non-CO₂ greenhouse gases
- Corrigendum to Commission Regulation 601/2012 on the monitoring and reporting of greenhouse gas emissions pursuant to Directive 2003/87/EC of the European Parliament and of the Council
- Commission Regulation 601/2012 on the monitoring and reporting of greenhouse gas emissions pursuant to Directive 2003/87/EC of the European Parliament and of the Council
- Commission Regulation 600/2012 on the verification of greenhouse gas emission reports and tonne-kilometre reports and the accreditation of verifiers pursuant to Directive 2003/87/EC of the European Parliament and of the Council Text with EEA relevance



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MRR

- Commission Regulation 601/2012 on the monitoring and reporting of greenhouse gas emissions pursuant to Directive 2003/87/EC of the European Parliament and of the Council
- Rules for monitoring and reporting of emissions from installations and aircrafts in 3rd period of trading from 2013 to 2020
- Obligations for operators, verifiers and CAs
- implementing with many guidance, templates and tools
- advanced knowledge for contact person from operators, verifiers and experts in CA
- Decision on the appointment of members of the expert committee for technical issues in the trading of greenhouse gas emission – special issues resolve through it – acting is defined by articles in Ordinance on monitoring, reporting and verification of emission reports from installation and aircraft from 1st of January 2013 (OG 77/13)



MRR – Guidances, templates and tools

Guidances:

- General guidance for installations on monitoring and reporting
- General guidance for aircraft operators on monitoring and reporting
- Guidance on biomass issues in the EU ETS
- Guidance on uncertainty assessment
- Guidance on sampling and analysis
- Guidance on data flow activities and control system

Templates:

- Monitoring plan for the emissions of stationary installations
- Annual emissions report of stationary source installations
- Improvement report for stationary installations

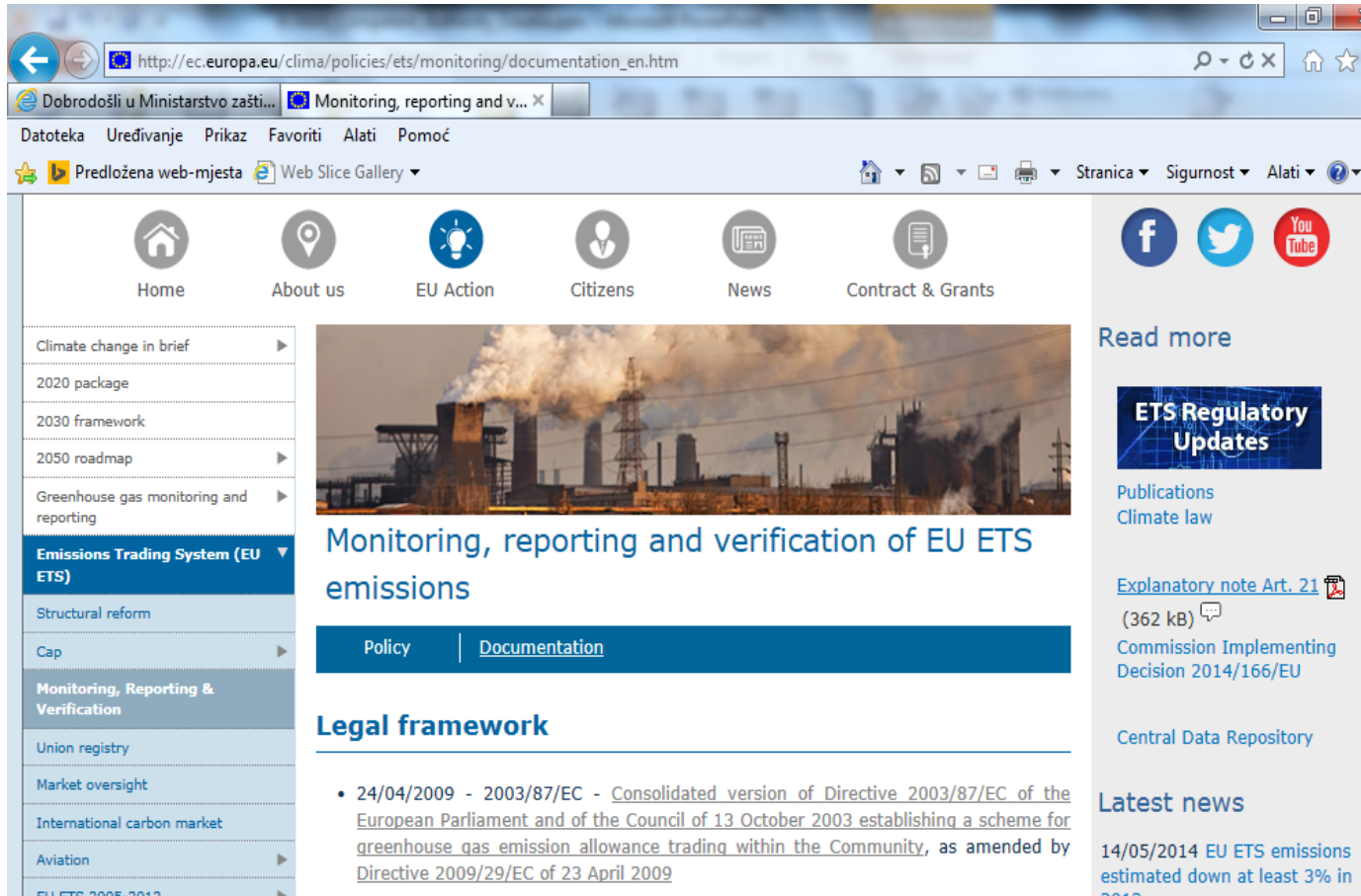
Tools:

- Unreasonable costs determination tool



MRR – legal framework

http://ec.europa.eu/clima/policies/ets/monitoring/documentation_en.htm



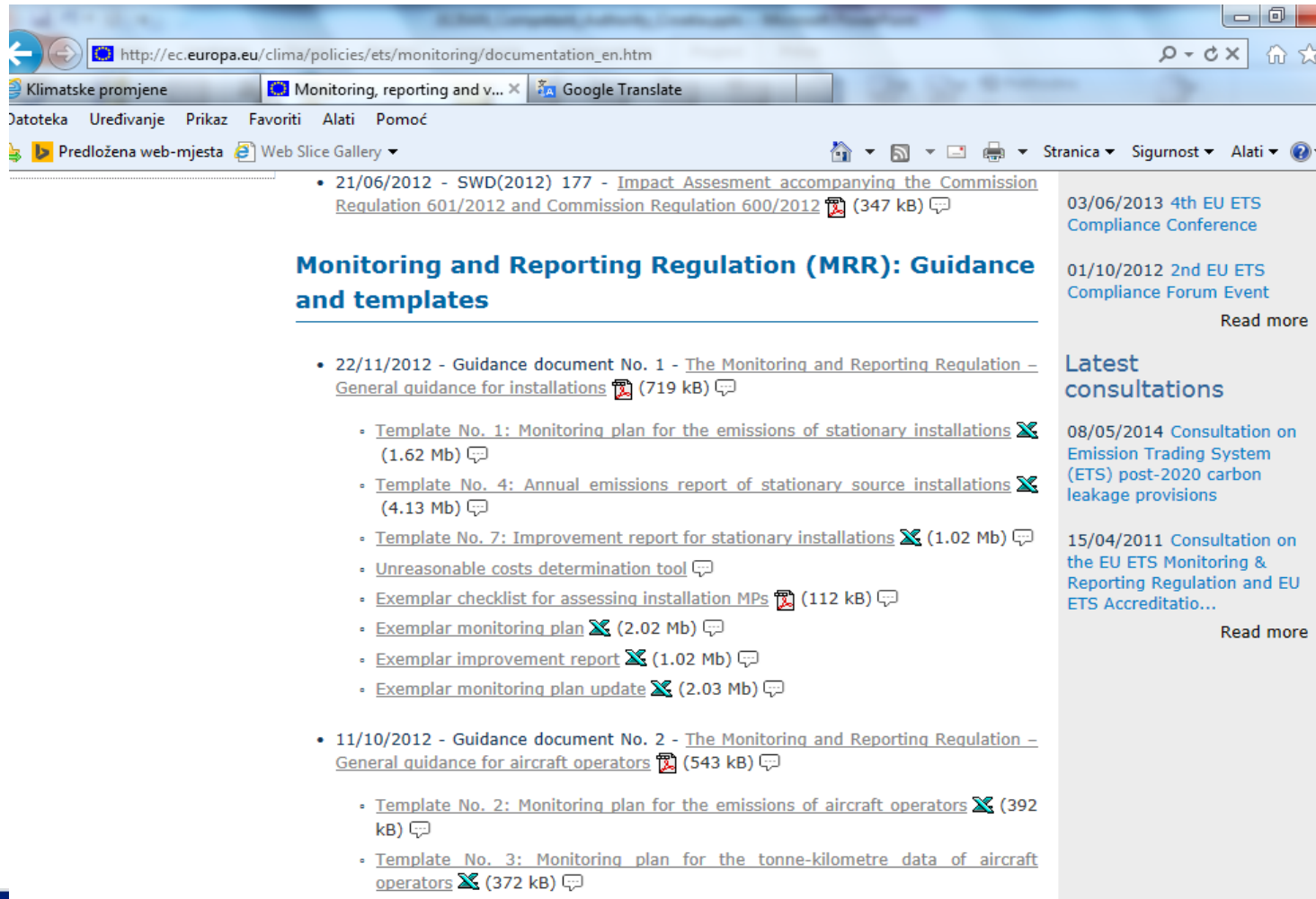
The screenshot shows the European Commission website for the Monitoring, reporting and verification of EU ETS emissions. The page features a navigation menu with links to Home, About us, EU Action, Citizens, News, and Contract & Grants. The main content area includes a large image of an industrial facility and the title 'Monitoring, reporting and verification of EU ETS emissions'. Below the title are tabs for 'Policy' and 'Documentation'. The sidebar on the right contains social media links (Facebook, Twitter, YouTube) and a 'Read more' section with links to 'ETS Regulatory Updates', 'Publications', 'Climate law', 'Explanatory note Art. 21', 'Commission Implementing Decision 2014/166/EU', and 'Central Data Repository'. The 'Latest news' section mentions '14/05/2014 EU ETS emissions estimated down at least 3% in 2013'.



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MRR – Guidances, templates and tools

http://ec.europa.eu/clima/policies/ets/monitoring/documentation_en.htm



The screenshot shows a web browser window displaying the European Commission's website for Monitoring, Reporting and Verification (MRV) guidance. The browser's address bar shows the URL: http://ec.europa.eu/clima/policies/ets/monitoring/documentation_en.htm. The page title is "Monitoring and Reporting Regulation (MRR): Guidance and templates". The main content area lists several documents and templates, including:

- 21/06/2012 - SWD(2012) 177 - [Impact Assessment accompanying the Commission Regulation 601/2012 and Commission Regulation 600/2012](#) (347 kB)
- 22/11/2012 - Guidance document No. 1 - [The Monitoring and Reporting Regulation – General guidance for installations](#) (719 kB)
- Template No. 1: [Monitoring plan for the emissions of stationary installations](#) (1.62 Mb)
- Template No. 4: [Annual emissions report of stationary source installations](#) (4.13 Mb)
- Template No. 7: [Improvement report for stationary installations](#) (1.02 Mb)
- [Unreasonable costs determination tool](#)
- [Exemplar checklist for assessing installation MPs](#) (112 kB)
- [Exemplar monitoring plan](#) (2.02 Mb)
- [Exemplar improvement report](#) (1.02 Mb)
- [Exemplar monitoring plan update](#) (2.03 Mb)
- 11/10/2012 - Guidance document No. 2 - [The Monitoring and Reporting Regulation – General guidance for aircraft operators](#) (543 kB)
- Template No. 2: [Monitoring plan for the emissions of aircraft operators](#) (392 kB)
- Template No. 3: [Monitoring plan for the tonne-kilometre data of aircraft operators](#) (372 kB)

On the right side of the page, there is a sidebar with the following sections:

- 03/06/2013 4th EU ETS Compliance Conference**
- 01/10/2012 2nd EU ETS Compliance Forum Event**
- Read more**
- Latest consultations**
- 08/05/2014 Consultation on Emission Trading System (ETS) post-2020 carbon leakage provisions**
- 15/04/2011 Consultation on the EU ETS Monitoring & Reporting Regulation and EU ETS Accreditation...**
- Read more**



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ROLE OF COMPETENT AUTHORITY

- Ministry of Environmental and Nature Protection - legal framework, cooperation with other ministries, cooperation with accreditation body, reporting on ETS for MS, exchanging information with other MS CAs and NABs legal procedure for application, permitting and free allocation, support to operators and other stakeholders (meetings, consultations, warnings etc.)
- E-mail address: ets-postrojenja@mzoip.hr
- Croatian Environment Agency – national administrator of Union Registry, approving MP and AER, support to operators



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ROLE OF COMPETENT AUTHORITY

Support to operators:

- Informations by E-mail: ets-postrojenja@mzoip.hr , by phone, by web www.mzoip.hr
- meetings, workshops
- FAQ – web MENP and CEA
- Cooperation with Croatian Environment Agency
- Cooperation with Croatian Chamber of Economy and Croatian Employers' Association
- Cooperation with other ministries and institutions
- EC Help desk

<http://www.mzoip.hr/hr/klima/sustav-trgovanja-emisijama-staklenickih-plinova.html>

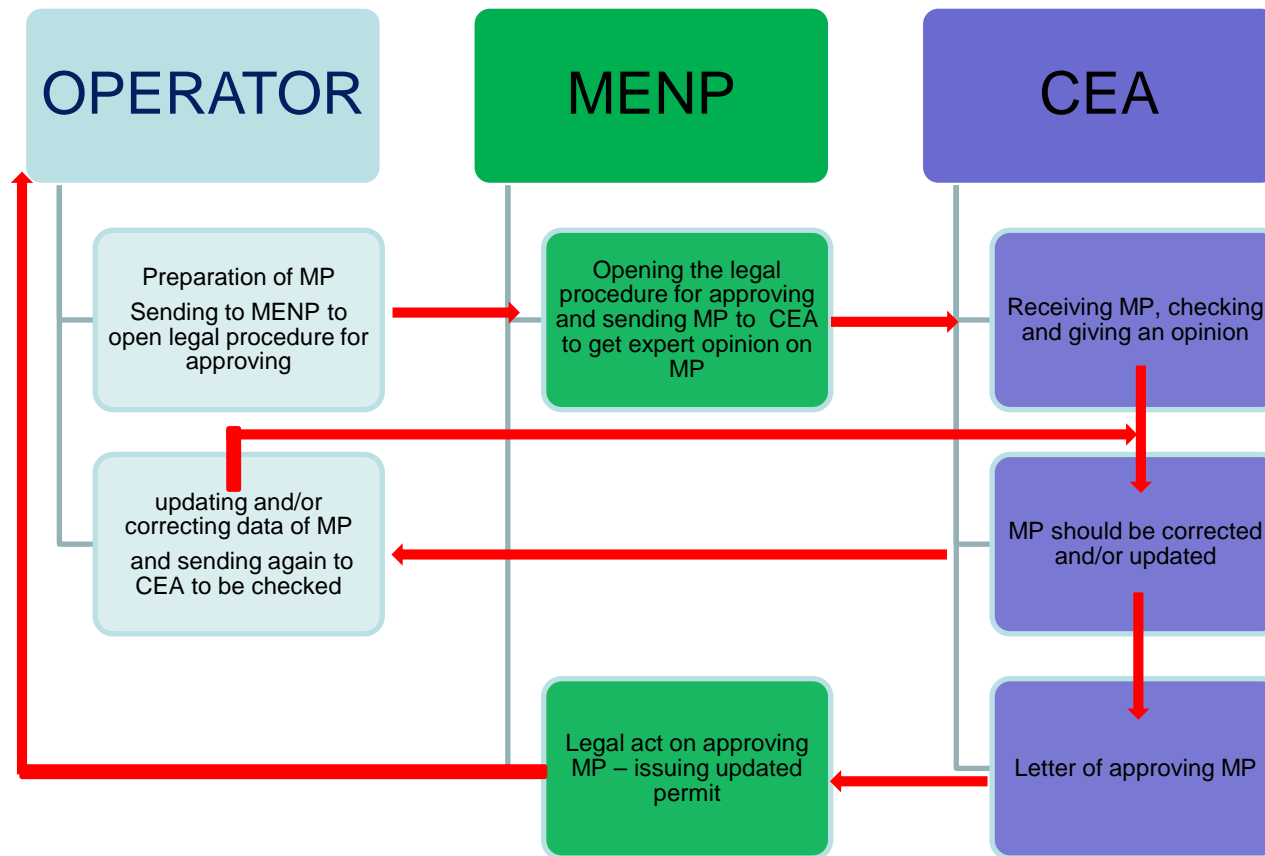


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APPROVING MP



Challenges

1. Lack of human resources
2. Lack of intersectoral cooperation
3. Lack of awareness on importance of climate change issues, public, entrepreneurship owners, public institutions
4. Economy crises
5. Lack of our knowledge
6. Lack of operators' knowledge
7. Parallel activities
8. Lack of energy and technology experts in public institutions
9. Long period is needed that employee became expert



Lessons learnt

1. Determine, provide and accept technical and financial support
2. Importance of team work and positive attitude
3. Accurate determination of the goals and means of implementation, including technical and IT support
4. Establishment of the horizontal and vertical, flexible procedures in competent authorities
5. Constant involvement in EC policy developments
6. Importance of the participation at the relevant meetings and workshops organized by the EC



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Thank you for your attention!

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