



**„Challenges in meteorology 3”**  
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# Emission Trading System (ETS)

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- Emission reduction
- Obligations under the Kyoto Protocol



- 1 ETS 2005-2007
- 2 ETS 2008-2012, HR partial start
- 3 ETS 2013-2020, HR part of EU ETS

EU ETS is implemented in 31 countries (28 EU + Iceland, Liechtenstein and Norway)

Aircraft operators also included from 2013

EU ETS covers around 45% of the EU's GHG emissions



## Accession of HR to EU

### Air Protection Act (Official Gazette 130/11):

- Permits for greenhouse gas emissions;
- Monitoring and reporting of greenhouse gas emissions;
- Allocation of allowances;
- Union Registry.



- Combustion of fuels in installation with total rated thermal input > 20 MW
- Refining of mineral oil
- Production of pig iron or steel > 2,5 t/h
- Production of cement clinker in rotary kilns with a production capacity > 500 t/d
- Production of lime > 50 t/d
- Manufacture of ceramic products > 75 t/d
- Production of ammonia
- Aviation



- Installations and aircraft operators
- Ministry of Environmental and nature Protection
- Croatian Environment Agency (AZO)
- Verifiers – Croatian Accreditation Agency





## Cap and trade

- ETS emissions' limit 2020. 21% lower than in 2005.
- Allocation of free allowances
- Emission trading



2013. HR

55 installation for free allowances allocation + 4 power plant

37 installations < 50 kt CO<sub>2</sub>

14 installations >50 kt CO<sub>2</sub>, < 500 kt CO<sub>2</sub>

4 installations > 500 kt CO<sub>2</sub>

EU ETS 11 000 installations





- standardized and computerized database which contains data on GHG emissions and their quotas
- Records each transfer of emissions unit



CLIMATE ACTION

European Commission > Climate Action > Policies > Emissions Trading System > Union Registry

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2030 framework

2050 roadmap

European Climate Change Programme

Greenhouse gas emissions

Emissions Trading System

Structural reform

Allowances and caps

Monitoring, Reporting & Verification

Union registry

Market oversight

International carbon market

Aviation

EU ETS 2005-2012

Effort Sharing Decision

Low Carbon Technologies

Transport

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Fluorinated Gases

Forests and Agriculture

Adaptation to climate change

Climate finance

Working with International Partners

Union Registry

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Union registry

Please click on your Member State:

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Contact points

|  |   |  |
|--|---|--|
| <a href="mailto:registerstelle@umweltbundesamt.at">registerstelle@umweltbundesamt.at</a> | Central phone<br>Umweltbundesamt:<br>+43 1 31 30 40<br>Helpdesk Line:<br>+43 1 31304-4114 | <a href="http://www.emissionshandelsregister.at">www.emissionshandelsregister.at</a> |
| <a href="mailto:helpdesk@climateregistry.be">helpdesk@climateregistry.be</a>             | +32 2 524 95 44   | <a href="http://www.climateregistry.be">www.climateregistry.be</a>                   |
| <a href="mailto:registry@eea.government.bg">registry@eea.government.bg</a>               | +35929559038,<br>+35929406416   | <a href="http://eea.government.bg">eea.government.bg</a>                             |
| <a href="mailto:ghoregistry.admin@azo.hr">ghoregistry.admin@azo.hr</a>                   | +385 (0)1 48 86 840   | <a href="http://www.azo.hr">www.azo.hr</a>   |



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Katalog informacija  
Javna nabava  
Ankete

Novosti | Okolišne teme | Dostava podataka | Pregled podataka | Publikacije | Projekti | Propisi

15.7.2013

Kontakt

Agencija za zaštitu okoliša  
Ksaver 208  
10 000 Zagreb

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Državni praznici - 2013.

- 1. Siječanj Nova godina
- 6. Siječanj Sveta tri kralja
- 31. Ožujak Uskrs
- 1. Travanj Uskrsnji ponedjeljak
- 1. Svibanj Praznik rada
- 30. Svibanj Tijelovo
- 22. Lipanj Dan antifašističke borbe
- 25. Lipanj Dan državnosti
- 05. Kolovoz Dan domovinske zahvalnosti
- 15. Kolovoz Velika Gospa
- 8. Listopad Dan neovisnosti
- 1. Studeni Dan svih svetih
- 25. Prosinac Božić
- 26. Prosinac Sveti Stjepan

[registry security and stolen allowances](#)

Related consultations

30 August 2013:  
[Consultation on](#)





1. Monitoring plan for the emissions
2. GHG emissions permit
3. Emission report
4. Verification report



- 1.1.2013. HR EU ETS
- Allocation of free allowances for 2013 (February 2013.)
- 3rd phase monitoring plan (August 2013)
- 31.3.2014. verified emission Report
- 31.3. 2014. entering verified emissions in Union Registry
- 30.4.2014. surrender of allowances in Union Registry





AGENCIJA ZA  
ZAŠTITU OKOLIŠA

Links

EU ETS [http://ec.europa.eu/clima/policies/ets/index\\_en.htm](http://ec.europa.eu/clima/policies/ets/index_en.htm)

Union Registry [http://ec.europa.eu/clima/policies/ets/registry/index\\_en.htm](http://ec.europa.eu/clima/policies/ets/registry/index_en.htm)

Croatian Environment Agency <http://www.azo.hr/RegistarUnije>



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[www.azo.hr](http://www.azo.hr)

Thank you for your attention

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