



Ministry of the Environment
of the Czech Republic



Ministerstvo životního prostředí

Monitoring, Reporting and Verification in the Czech Republic

Challenges and Issues

Eva Hejralová

5th Compliance Conference, Brussels, 6th November 2014

Ministerstvo životního prostředí

Ministerstvo životního prostředí
Vršovická 65, 100 10 Praha 10
Česká republika

www.mzp.cz



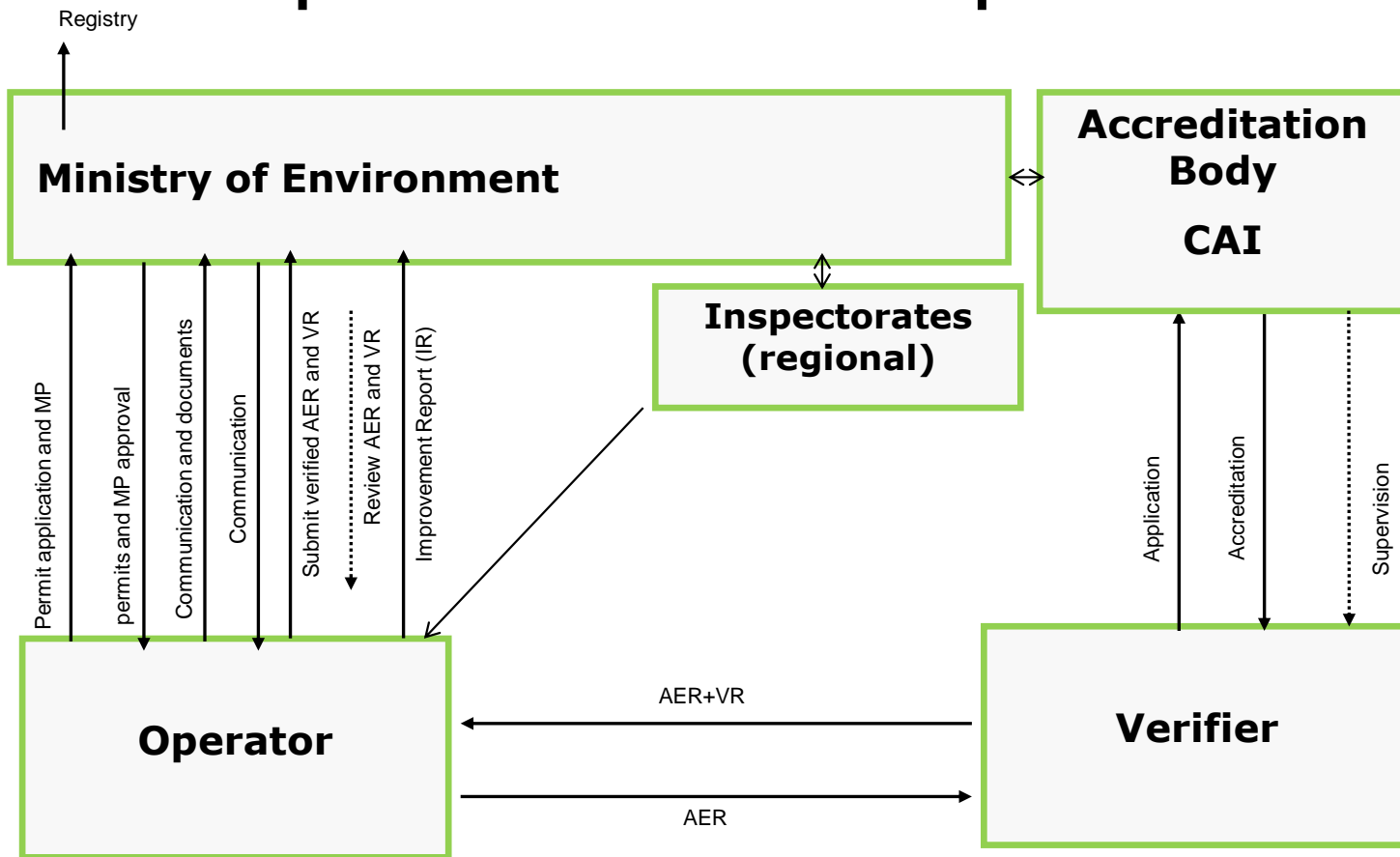
EU ETS in the Czech Republic (2013 figures)

- 344 installations (213 low emitters, 31 C category)
- 2 aircraft operators
- 9 accredited verifiers

Annex I Activity	Number of installations
Combustion of fuels	302
Manufacture of ceramic products	23
Manufacture of glass	17
Production or processing of ferrous metals	15
Production of paper	11
Production of pig iron or steel	9
Production of lime	8
Production of bulk organic chemicals	6
Refining of mineral oil	5
Production of cement clinker	5
Manufacture of mineral wool	4
Production of nitric acid	4
Production of coke	3
Production or processing of non-ferrous metals	2
Production of pulp from timber or other fibrous materials	2
Production of hydrogen	2
Metal ore roasting or sintering	1
Drying or calcination of gypsum	1
Production of carbon black	1



Organisational chart national EU-ETS implementation Czech Republic



MRV main actors

Ministry of the Environment (MoE) = competent authority

- Issuing, cancelling and updating ETS permits
- Approving the monitoring plan
- Approving or accepting notification of changes
- Reviewing Annual emission reports and verification reports;
- Carrying out state supervision on compliance and enforcement;
- Article 21 reporting



MRV main actors

Czech Accreditation Institute (CAI)

Accrediting verifiers according to the accreditation standard ČSN EN ISO 14065:2013 and AVR + surveillance

Czech Environmental Inspectorate (ČIŽP)

The Czech Environmental Inspectorate acts as inspection body for enforcement of obligations imposed on operators.

Energy Market Operator (OTE, a.s.)

The Energy Market Operator acts as the national administrator for the Union Registry for GHG ETS.



EU ETS Unit at the Ministry of the Environment

770 Department of
Energy and
Climate Protection
Pavel Zámyslický

772 Unit of Energy
and Climate
Protection
Kateřina Suchá

771 Unit of
Emission Trading
Jan Tůma

(EU ETS only)

Jan Šatra

Aleš Hilčer

Filip Hájek

Eva Hejralová

Ministerstvo životního prostředí

10.11.2014

Ministerstvo životního prostředí
Vršovická 65, 100 10 Praha 10
Česká republika

www.mzp.cz



Issuing permits

Application of a permit must include: installation description, data on capacity, ETS sources of emissions, all source streams

Standard procedure: the operator submits the application, the MP and a bank statement (an administrative fee has to be paid)

- on paper (all XLS templates are on a CD)
- through „data box“ (special electronic service)



Issuing permit: through the data box only

Monitoring plan is part of the permit – XLS template provided by the European Commission



Approving the monitoring plan



2013 – new monitoring plans checked by an external company, the MoE supervised

Standard procedure:

- 1) MoE checks the completeness, plausibility and consistency of the MP
- 2) In case of controversies or complex issues, MoE consults internal or external experts, e.g. Hydro-meteorological institute, CAI, professional associations
- 3) In case of significant modification to the MP, MoE issues an updated permit – a copy of the permit and the approved MP is sent to the Inspectorate and to the Energy Market Operator
- 4) Non-significant modifications of the MP – communication via email (all emails are stored)



Annual emission reports and verification reports

Submission

- The operator must submit the AER&VR every year by **March 15**
- Submission - on CD together with a written statement of the verifier (on paper)

MoE: AERs and VRs review

- Overall checks (completeness, the correctness of the total emissions, findings)
- Use of „macros“ for data extraction
- More in-depth checks on a random basis
- AERs are passed on to the Czech Hydro meteorological Institute, which performs further checks



Improvement reports



Submission: on CD by September 30

63 Improvement reports submitted in 2014

Review by MoE

- Not finished yet (about 20% remaining),
- Each IR is being checked for completeness, plausibility and described measures
- A table containing a list of measures and deadlines is being drafted



Information dissemination & exchange (1)

MoE

- Notifying operators and/or verifiers of important upcoming changes and new obligations (email)
- Annual seminar for verifiers (the next is planned for November 18 2014)
- Documents – guidance on uncertainties, Planned: FAQ in Czech



Information dissemination & exchange (2)

All actors

- Technical Committee on Accreditation of GHG reports (MoE, CAI, Verifiers, Operators/Industry groupings)
- Registry Committee
- Meetings in person MoE-CAI/operators/verifiers

Formal information exchange

- According to the chapter VI of AVR



MRV characteristics

- **Centralized system** – Ministry of the Environment as the competent authority has responsibility for most of the MRV areas
- Use of **XLS templates** provided by the European Commission – most of the communication via mail or post box
 - Use of macros – tools for data extraction
- **Informal communication platforms** is an important aspect of the MRV administration in the Czech Republic (information exchange, expert consultation – phone calls, in-person meetings, emails)



Challenges (1)

Small number of staff

- 5 people are responsible for the entire EU ETS agenda, no automated checks available
- How do we comply? Example: in-site visits as a part of AER review => **limited number of visits**. Selection criteria: verifier's findings, notification by ČIA/ČIŽP, difference to the number of emissions reported last year , etc.)

Break in continuity

- 2012/2013 several HR changes => experience and know-how loss
- In 2014 a prepared tender for external consultation company, which would help the Emission Trading Unit with the administration has been stopped.



Challenges (2)

Lack of education opportunities

- Lot of sector specific technical issues
- Education programs for civil servants don't include climate protection (air protection in general only)

Lot of „paper work“

- Although an electronic service is available, most of official documents are being submitted via mail (on paper/on CD).



Thank you for your attention!

Eva Hejralová

eva.hejralova@mzp.cz

Tel.: +420 267 122 360

GSM: +420 725 308 493

