

The EU Emissions Trading System (EU ETS)

The Monitoring and Reporting Regulation, Accreditation and Verification Regulation and the EU ETS compliance cycle

Naomi Walker
EU ETS Advisor (MRV)
28 June 2016



EU ETS MRV advisor

- Environment Agency since 2000
- Background in laboratory analysis and air quality sampling
- EU ETS since 2009
- Lead technical expert on MRV for the UK
 - EU Commission TWG – MRVA regulations and guidance
 - Compliance Forum Task Force member for M&R and A&V
 - Focal point for information exchange (AVR)
 - Chair UK verifier meetings
 - Regulator representative at UK Emission Trading Group meetings
- I ask questions!



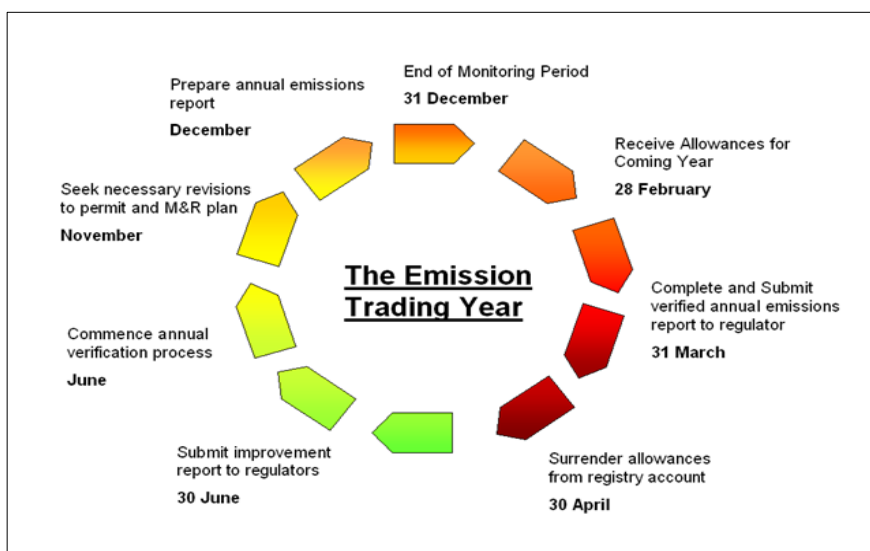
Monitoring, reporting verification and accreditation

➡ Tonne CO2 emitted = tonne CO2 reported!

- 2012: Monitoring and Reporting Regulation and Accreditation and Verification Regulation
- Directly applicable in all EU MS
- Harmonised regulation ensures
 - Monitoring is complete, accurate and comparable
 - Reporting is consistent, transparent, comparable, accurate
 - Fairness across all participants



The EU ETS Compliance cycle



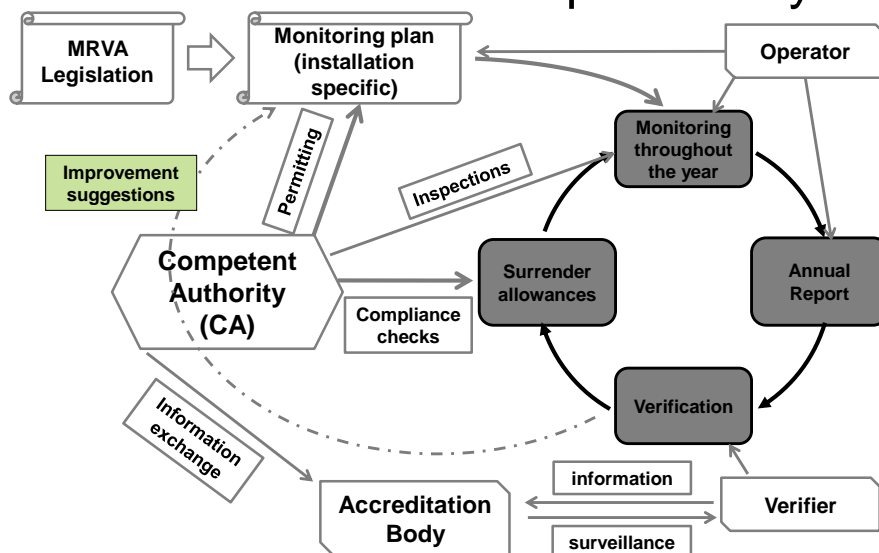
Main elements of MRVA

- Monitoring plan: plan on how to measure, calculate and report the GHG emissions from an installation
- Emission report: annual report on the amount of emissions resulting from operation of the installation
- Verification: the monitoring reports and emission reports have to be verified, by an accredited verifier
- Operators must submit an improvement report to address issues identified by verifier and to improve the monitoring methodology
- Compliance: the approved and verified emissions report serves as the basis for determining whether the installation has met its emission cap

5



Actors in the ETS Compliance Cycle



Roles and responsibilities

- **Operator submits Monitoring Plan (MP)** to the Competent Authority (CA) for approval
- **Competent Authority approves MP** only if fully in conformity with the monitoring requirements
- **Operator monitors its emissions** in line with approved MP
- **Operator draft Emissions Report** on the basis of monitored emissions in full conformity with the approved MP
- **Accredited verifier verifies the emissions report** which the operator submits to the CA
- **Competent Authority accepts emissions report** only if it has been verified by an accredited verifier

➤ *Each party has a well-defined task and responsibility*

Where to find the regulations

- ⇒ [21/06/2012 - 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](#)
- ⇒ [05/03/2014 - 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](#)
- ⇒ [05/03/2014 - Commission Regulation \(EU\) 206/2014 amending Regulation \(EU\) No 601/2012 as regards global warming potentials for non-CO₂ greenhouse gases](#)
- ⇒ [10/07/2014 - Commission Regulation \(EU\) 743/2014 replacing Annex VII to Regulation \(EU\) No 601/2012 as regards minimum frequency of analyses](#)
- ⇒ [21/06/2012 - 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](#)

➡ Any questions?

Naomi.walker@environment-agency.gov.uk

9

