

Aviation in EU Emissions trading Template for Annual Emissions

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Legal Requirements

- EU ETS Directive (Directive 2003/87/EC as amended by Directive 2004/101/EC and 2008/101/EC) requires aircraft operators in the EU Greenhouse Gas Emissions Trading Scheme to monitor and report annual emissions.
- The Monitoring and reporting Guidelines (MRG) set out in Commission Decision (CD) 2007/589/EC as amended by CD's 2009/87/EC and 2009/339/EC define detailed requirements for monitoring and reporting of annual emissions.
- An electronic template has been developed by the Commission for submission of the monitoring plan. It has been customised by EPA and is available for download from our website.
- The MRG require the aircraft operator to submit to the EPA a monitoring plan (signed paper copy and electronic copy) for annual emissions by the 31 August 2009.

Guidance Available through EPA website

- <http://www.epa.ie/whatwedo/climate/emissionstradingscheme-aviation/>
- Guidance on completion of the monitoring plan is contained in “Guidance for the Aviation Industry Monitoring and Reporting Annual Emissions and Tonne km Data for EU Emissions Trading”
- The template also contains guidance. A completed example monitoring plan will be available to download Please refer to the “Guidelines and Conditions” section of the template for full details on information sources.
- Please email any queries on completion of the monitoring plan to avets@epa.ie.

Annual Emissions Monitoring Plan Template

- Before completing the monitoring plan check the following:
- Are your aviation activities listed in Annex 1 of the EU ETS Directive and not subject to the exemptions detailed. "Flights which depart from or arrive in an aerodrome situated within the territory of a MS to which the Treaty applies"
- Who is your administering Member State? Refer to the EPA website and the list published by the European Commission (can access via EPA website)
- Which flights have to be monitored by you as the aircraft operator? Monitor all flights under your unique ICAO designator, or where not available, by the registration markings of your aircraft. Certain exempted flights are listed in Annex I of the Directive.
- Are you eligible for simplified procedures for small emitters?
 - Applies to non commercial emitters with
 - Fewer than 243 flights per period of 3 consecutive 4 month periods or
 - Annual emissions lower than 10,000 tonnes CO₂.

Small Emitters Monitoring Plan

- Aircraft operators that are small emitters may estimate fuel consumption using Eurocontrol tools. Applicable tools must be approved by the Commission.
- To-date it is likely that a tool based on the existing PAGODA tool will be approved.
- Simplified monitoring plan (MP) procedure
- Section 1 MP List of MP versions
- Section 2 MP Identification of Aircraft Operator
- Section 3 MP Contact details and address
- Section 4 MP Description of emission sources, source streams and flights

Small Emitters Monitoring Plan

- Section 5 MP Justify your eligibility as a small emitter
- Section 9 MP Simplified calculation for small emitters. If you chose to use the simplified calculation procedure you are not required to complete sections 6-8 of the template.
- Section 10 MP data gaps. Section 11 description of data flow and control activities.
- If while using the simplified procedures you exceed the threshold for small emitters:
 - Notify the EPA
 - Unless you demonstrate to the satisfaction of EPA that threshold will not be exceeded from the following reporting period onwards
 - Update the plan completing all sections for other (medium to large) emitters and submit to EPA for approval.