



GHG Monitoring Plan review procedures in Lithuania

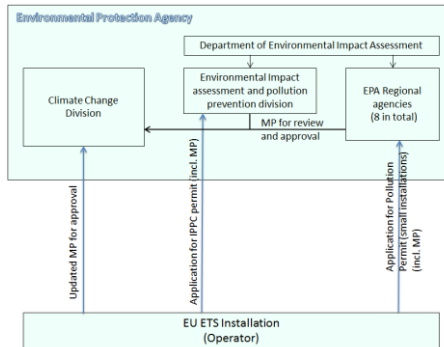
2015 October 13-15
Vilnius

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Outline

- Description of GHG Monitoring plan review procedure;
- Benefits and drawbacks;
- Main steps of MP review;
- Issues identified during MP review;
- Possible improvements;

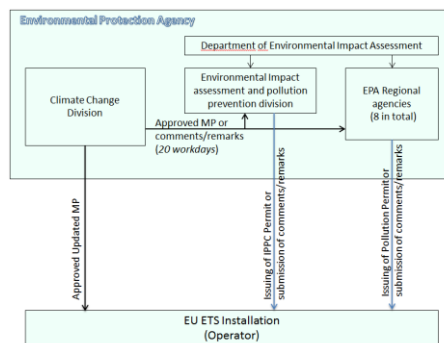
GHG Monitoring Plan review procedures in Lithuania



- MPs are submitted to EPA for approval/update (paper and electronic versions);
- Internally MPs are forwarded to Climate Change Division;
- MPs are reviewed during the 20 workdays;
- MPs are reviewed by two experts;
- Identified discrepancies are forwarded to operator via official letter;
- Secondary review is carried out during 10 working days;

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Benefits:

- MPs are review by the same experts for all installations;
- Quality assurance (2 experts review the same MP);
- Simplification for the Operator (1 CA to communicate with);
- Single database for EU-ETS data;

Drawbacks:

- Additional staff required;
- Limited time for review during „peek“ submissions of MPs;

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Main steps:

1. Preparation for review:
 - a. Checking the accompanying document to identify the reason for MP updated/application;
 - b. Review of annual GHG emissions (if MP is being updated);
2. Review of monitoring plan for completeness;
 - a. Is there a signature of responsible person?
 - b. Are there missing pages?
 - c. Checking if all necessary annexes are supplied with MP;
3. Quick review of basic information:
 - a. Checking for error reports in the template;
 - b. Checking MP version numbering;
 - c. Checking installation identification data;
 - d. Checking installation activities;
 - e. Checking total installation capacity;
 - f. Checking installation category;
 - g. Checking estimated annual emissions for source streams;

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Main steps:

4. Detailed review:
 - a. Review of installation description;
 - b. Cross checking if total activity capacity matches the total capacity of emission sources;
 - c. Cross checking if emissions sources are attributed to relevant emission points;
 - d. Cross checking if estimated average annual GHG emissions are plausible;
 - e. Review of installation description;
 - f. Cross checking if total activity capacity matches the total capacity of emission sources;
 - g. Cross checking if emissions sources are attributed to relevant emission points;
 - h. Cross checking if estimated average annual GHG emissions are plausible;
 - i. Review of metering devices description/cross check uncertainty data with supplied uncertainty assessment;
 - j. Review of information sources (are they relevant and up to date);
 - k. Review of emission sources description (metering devices used, are uncertainty levels within required minimum levels, are at least minimum tiers applied);
 - l. Cross checking values of calculation factors (do they match default values?);
 - m. Review of Control activities (are relevant descriptions provided, are responsible persons/divisions mentioned, are data storage place identified comprehensibly);

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Main steps:

4. Formulation of MP review conclusion:

- a. Notify relevant EPA agency that MP can be approved
- or
- a. Preparation of identified issues and forwarding them to relevant agency to be sent to the operator;
- or
- a. Operator may be notified of simplified procedures if GHG emissions are below 25000 t CO₂;
- b. Operator may be notified that MP is not required due to exclusions;

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Issues identified during MP review:

- Missing MP annexes;
- Brief or vague descriptions of control procedures;
- Operators forget to update relevant information in other sections of MP;
- MP version not updated/wrong numbering;
- Wrong contact person;
- Activity descriptions include only a phrase “see annex”;
- Naming of emission points are different than those provided in the source stream diagram (copy-paste from IPPC permit);
- Source streams include sources with 0 t CO₂ estimated annual GHG emissions;
- MS Windows described as an IT system (e.g for calculation of stock changes);
- Vague descriptions of locations where all records are kept;
- Outdated information sources;

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Possible improvements

- Use of Commissions prepared checklist for MPs review;
- Additional staff for MPs review;
- Digital signature for MPs (stop the use of paper version);
- Preparation of country specific guidance, FAQs that include usual problems and examples;
- Use of DECLARE system for communication;

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