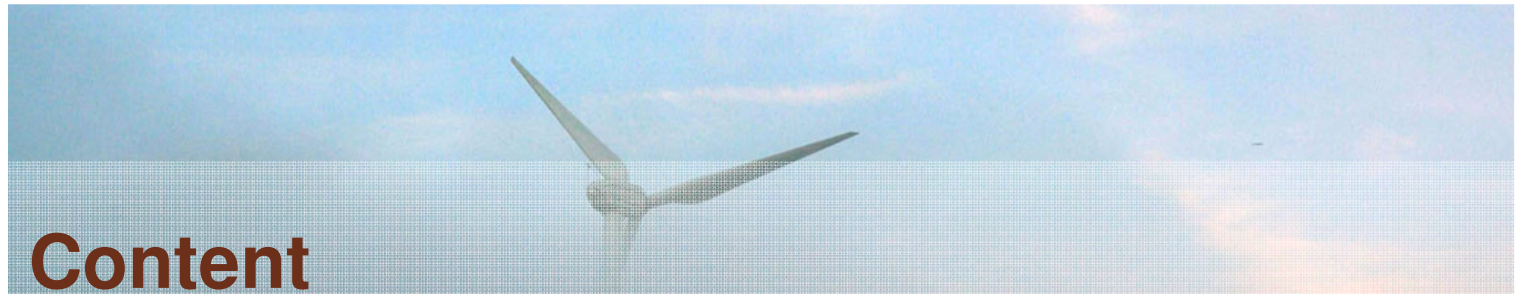


EU ETS for aircraft operators

Procedures in the Flemish Region for submission,
verification, actualisation and approval of monitoring plans
for annual emissions

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1. Monitoringplan CO₂: obligations for aircraft operators
2. Timeline monitoring, reporting and verification CO₂ emissions
3. Submission first monitoringplan CO₂ emissions
4. Verification first monitoringplan CO₂ emissions
5. Approval or rejection first monitoringplan CO₂ emissions
6. Annual update monitoringplan CO₂ emissions

1. Monitoringplan CO₂: obligations for aircraft operators (1/2)

1. Each aircraft operator has to have an approved MP CO₂ emissions (civil penalty)

Each existing aircraft operator: on 1 january 2010 and there after on 1 january of every following year.

Each aircraft operator who starts performing aviation activities after 31 August 2009:

- **with an operating license issued by the Belgian Civil Aviation authorities:** 6 months after the start of the aviation activities.
- **who does not have an operating license issued by the Belgian Civil Aviation authorities:** 6 months after the publication of the Commission's list of aircraft operators.

And thereafter on 1 january of every following year.

1. Monitoringplan obligations for aircraft operators (2/2)

2. From the moment you are obliged to have an approved MP CO₂ emissions, you have to monitor all CO₂ emissions from all your aviation activities in accordance with your approved MP CO₂ emissions.
3. You have to register all changes to your monitoring methodology and notify all changes to the CA.
4. You have to register all abnormal circumstances and notify all high impact abnormal circumstances to the Flemish Verification Office.

2. Timeline for monitoring, reporting and verification of CO₂ emissions (1/2)

	What?	Who?	When?
1	Submit emissions monitoring plan to CA	Operator	Not later than 31 August 2009, annual update not later than 31 Octobre
2	Verify and approve emissions monitoring plan	Competent authority assisted by VBBV	Not later than 31 December
3	Monitor and record emission data	Operator	Each calendar year from 2010 onwards
4	Draw up emission report for previous year	Operator	As soon as possible after end of calendar year
5	Submit emission report to the verifier (i.e. Flemish Verification Office for the reports 2010-2012)	Operator	Before 1 February 2011 and thereafter every calenderyear before 1 February

2. Timeline for monitoring, reporting and verification of CO₂ emissions (2/2)

	What?	Who?	When?
6	Verify emission report	Verifier	Before 31 March 2011 and thereafter every calenderyear before 31 March
7	Submit verified emission report to competent authority	Operator	Not later than 31 March 2011 and thereafter every calenderyear by 31 March
8	Validate emission report	Competent authority	After submission of report
9	Surrender sufficient emission allowances	Operator	Not later than 30 April 2013 and there after every calendar year by 30 April at the latest

3. Submission of the first monitoring plan (MP) CO₂ emissions (1/4)

- By the aircraft operator
- Before 1 september 2009
- By registered mail:
 - signed paper copy
 - digital format
 - signed letter with declaration that the digital data are completely the same as the signed paper copy



3. Submission of the first monitoring plan (MP) CO₂ emissions (2/4)

- To your Competent Authority:
 - Flemish Environment, Nature and Energy Department
 - Air, Nuisance, Risk Management, Environment and Health Division
 - to Mr. Bob Nieuwejaers
 - Head of Division
 - Ferrarisgebouw, 7th floor
 - Koning Albert II-laan 20, bus 8
 - B-1000 Brussels
 - Belgium

- Using the Flemish template for MP CO₂ emissions, as determined by ministerial decision
 - MD expected July 2009
 - Template can already be downloaded from, starting from next week:
 - <http://www.lne.be/en/ets-aviation/monitoring-reporting-and-verification-mrv>

3. Submission of the first monitoring plan (MP) CO₂ emissions (3/4)

- Language:
 - Belgian aircraft operators: in Dutch
 - Non-Belgian Operators: in English

- When setting up a monitoring methodology and compiling a MP you have to follow the rules described in the Flemish ministerial decision with regard to monitoring and reporting by aircraft operators.

(based on the Commission Decision 2009/339/EC of 16 April 2009 amending Decision 2007/589/EC as regards the inclusion of monitoring and reporting guidelines for emissions and tonne-kilometre data from aviation activities)

3. Submission of the first monitoring plan (MP) CO₂ emissions (4/4)

- Non commercial air transport operators are allowed to use simplified monitoring procedures if they are operating:
 - fewer than 243 flights per period for three consecutive four-month periods;

Or

 - flights with total annual emissions lower than 10 000 ton per year.
- Operator has to add proof to his submitted MP to show that he is eligible to apply simplified procedures:
- Estimation of 2010 emissions based on Eurocontrol data
 - Flight records and/or fuel records
- If operator exceeds threshold small emitter during reporting year → immediate notification to CA (substantial change)

4. Verification of the first monitoring plan (MP) CO₂ emissions (1/3)

- By the Flemish Verification Office
- Free of charge for operators
- Where possible: verification together with verification ton.km MP
- Flemish Verification Office gives advice to CA regarding approval MP within 3 months after submission of MP to CA (before 1 December 2009)

4. Verification of the first monitoring plan (MP) CO₂ emissions (2/3)

- During verification the Flemish Verification Office:
 - checks completeness and content (procedures) of MP
 - may ask explanations or supplementary information directly from operator
 - can audit procedures and databases on the sites of the operator to check conformity with MP
 - may ask operator to make modifications to MP

- **Operator should send final version of the MP, agreed upon with the verifier, by registered mail to the CA for approval**
 - signed paper copy
 - digital format
 - signed letter with declaration that the digital data are completely the same as the signed paper copy

4. Verification of the first monitoring plan (MP) CO₂ emissions (3/3)

Indicative verification approach	Belgian Aircraft operators	Non Belgian Aircraft operators
<u>annual CO₂ emissions >= 50 kton</u>	<u>Sept-Nov 2009:</u> verification at the locations of the aircraft operator	<u>Sept-Nov 2009</u> verification at the Belgian offices of the aircraft operator or meeting in Belgium with aircraft operator or desk review (for >= 100 kton operators: only approval under conditions possible)
	<u>Spring 2010:</u> If MP 2010 was approved under conditions: verification at the locations of the aircraft operator	<u>Spring 2010:</u> If MP 2010 was approved under conditions: - verification at the locations of the aircraft operator (for >= 100 kton operators) - desk review (for < 100 kton operators)
<u>annual CO₂ emissions < 50 kton</u>	<u>Sept-Nov 2009:</u> desk review	
	<u>Spring 2010:</u> if MP 2010 was approved under conditions: desk review	

5. Approval or rejection of the first monitoringplan (MP) CO₂ emissions (1/2)

- CA takes decision about MP within 4 months after submission
- Decision based on advice Flemish Verification Office and rules MD on monitoring and reporting for aircraft operators
- CA notifies decision to operator by registered mail (including approved MP)
 - CA gives version number to approved MP e.g. xxxxMPE2010/1

5. Approval or rejection of the first monitoringplan (MP) CO₂ emissions (2/2)

- Three possibilities for decision:
 - Approval
 - Rejection
 - Approval under conditions:
 - Ex. - Condition = verification at locations operator
 - Operator has to meet conditions (e.g. provide and implement all required procedures) before a certain date and submit the adjusted MP for approval to the CA before this date
 - Approval
 - Renewed approval under conditions
 - Rejection
-
- Approved monitoringplan is valid for 1 calendar year

6. Yearly update of MP CO₂ emissions (1/2)

- Aircraft operator must submit an updated MP to the CA at the end of each calendaryear
- Updated = all changes to the monitoringmethodology during this calendaryear are incorporated in the last approved MP
- If no changes during calendaryear: registered letter to CA including last approved MP → this MP will be approved for the next calendaryear

6. Yearly update of MP CO₂ emissions (2/2)

- Deadline for submission to CA: 1 November
- Approval decision within 2 months after submission (before start of next calendaryear)
- Procedure: same as for the first monitoringplans
- Verification at locations of operator only if necessary



More information?

- ENE website:

<http://www.lne.be/en/ets-aviation/monitoring-reporting-and-verification-mrv>

- Contact Competent Authority:

liesbeth.clerick@lne.vlaanderen.be

tel: 0032 (0)2 / 553.79.47

- Contact Flemish Verification Office:

vbbv@vbbv.be

tel: 0032 (0)3 / 286.74.35