

## QUESTIONNAIRE ON THE IMPLEMENTATION OF DIRECTIVE 2003/87/EC

<b>Reporting language</b>	en
<b>Reporting year</b>	2020
This is the official report	

### 1. Details of institution submitting the report

<b>Name and department of organisation:</b>	Ministry of Environment of the Slovak Republic, Emission Trading Department
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### 2. Responsible authorities in the emissions trading scheme (eu ets) and coordination between authorities

Questions in this section are to be answered in the report due by 30 June 2014 and in subsequent reports if changes have occurred during the reporting period.

#### 2.1. In the table below, please state the name, abbreviation and contact details of the competent authorities involved in the implementation of EU ETS for installations and aviation in your Member State. Add further rows if necessary.

Name	Abbreviation	Contact details (1)		
		Telephone number	Email address	Website
Ministry of Environment of the Slovak Republic	MoE	+421 2 5956 2651	natalia.broosova@enviro.gov.sk	http://www.minzp.sk/
District Offices (72)	DO			http://www.minv.sk/
Export-Import Bank of the Slovak Republic	EXIM	+421 2 5939 8111	informacie@eximbanka.sk	http://www.eximbanka.sk/

(1) Please provide the telephone number, e-mail address and website address.

#### In the table below, please state the name, abbreviation and contact details of the national accreditation body appointed pursuant to Article 4(1) of Regulation (EC) No 765/2008 of the European Parliament and of the Council (2).

Name	Abbreviation	Contact details (1)		
		Telephone number	Email address	Website
Slovak National Accreditation Service	SNAS	+421 902 931 603	renata.kutkova@snas.sk	http://snas.sk/

(1) Please provide the telephone number, e-mail address and website address.

(2) OJ L 218, 13.8.2008, p. 30.

#### Have you set up a national certification authority to certify verifiers pursuant to Article 54(2) of Commission Regulation (EU) No 600/2012 (3)? Yes/No

(3) OJ L 181, 12.7.2012, p. 1.

#### In the table below, please state the name, abbreviation and contact details of the registry administrator in your Member State.

Name	Abbreviation	Contact details (1)		
		Telephone number	Email address	Website
ICZ Slovakia a.s.	ICZ	+421 32 6563 730	emisie@icz.sk	http://emisie.icz.sk/

(1) Please provide the telephone number, e-mail address and website address.

#### 2.2. In the table below, please indicate which competent authority is responsible for the following tasks, using their abbreviation. Add further rows if necessary.

Competent authority in charge of:	Installations	Aviation
Issuance of permits	DO	
Free allocation to stationary installations pursuant to Article 10a of Directive 2003/87/EC	MoE	
Free allocation pursuant to Articles 3e and 3f of Directive 2003/87/EC		MoE
Activities related to auctioning (the auctioneer mentioned in Commission Regulation (EU) No 1031/2010) (OJ L 302, 18.11.2010, p. 1)	EXIM	EXIM
Financial measures with respect to indirect carbon leakage	MoE	MoE
Issuance of allowances	MoE	MoE
Approval of the monitoring plan and significant changes to the monitoring plan	DO	MoE
Receiving and assessing verified emissions reports and verification reports	DO	MoE
Making a conservative estimation of emissions according to Article 70 of Commission Regulation (EU) No 601/2012 (OJ L 181, 12.7.2012, p. 30)	DO	MoE

Competent authority in charge of:	Installations	Aviation
Approval of improvement reports according to Article 69 of Regulation (EU) No 601/2012	DO	MoE
Approval of the operator's application to waive a verifier's site visit pursuant to Article 31(1) of Regulation (EU) No 600/2012	DO	
Inspection and enforcement	DO	MoE
Information to the public	MoE,DO	MoE
Administration of unilateral inclusion of activities and gases under Article 24 of Directive 2003/87/EC (4)	MoE	
Administration of installations excluded under Article 27 of Directive 2003/87/EC (5)		

(4) This box needs only to be completed if the Member State has included activities or gases under Article 24 of Directive 2003/87/EC.

(5) This box needs only to be completed if the Member State has excluded installations under Article 27 of Directive 2003/87/EC.

**2.3. If more than one competent authority is designated in your Member State pursuant to Article 18 of Directive 2003/87/EC, which competent authority is your focal point referred to in Article 69(2) of Regulation (EU) No 600/2012? Please answer using the abbreviation concerned in the table below.**

Name of the competent authority that is the focal point referred to in Article 69(2) of Regulation (EU) No 600/2012	Abbreviation
Ministry of Environment of the Slovak Republic	MoE

**If more than one competent authority is designated in your Member State to carry out the activities in Regulation (EU) No 601/2012, what measures have been taken to coordinate the work of those competent authorities in accordance with Article 10 of Regulation (EU) No 601/2012? Please answer using the table below. Add further rows if necessary.**

Coordination of activities with respect to Article 10 of Regulation (EU) No 601/2012	Yes/No	Comments
Does national legislation require a central competent authority to review and provide binding instructions on monitoring plans, notifications of changes to the monitoring plan or emissions reports?	no	
Does a central competent authority steer local and/or regional competent authorities by giving binding instructions and guidance?	yes	
Does a central competent authority review and provide advice on monitoring plans, notifications and emissions reports on a voluntary basis?	yes	
Are regular working groups or meetings organised with the competent authorities?	no	
Is common training organised for all competent authorities to ensure consistent implementation of requirements?	no	We do not organise training for all competent authorities but we do organise training for newcomers. Training is also organise when there is a new legislation, e.g. implementation of an IT system.
Are IT systems or tools used to ensure common approaches to monitoring and reporting issues?	yes	
Is a coordination group established, with competent authority staff, which discusses monitoring and reporting issues and develops common approaches?	no	

**2.4. What effective exchange of information and cooperation has been established in accordance with Article 69(1) of Regulation (EU) No 600/2012 between the national accreditation body or, if relevant, the national certification authority and the competent authority within your Member State? Please answer using the table below. Add further rows if necessary.**

Coordination of activities with respect to Article 69(1) of Regulation (EU) No 600/2012	Yes/No	Comments
Are regular meetings organised between the national accreditation body/national certification authority (if relevant) and the competent authority responsible for the coordination?	yes	
Has a working group been established where the national accreditation body/national certification authority (if relevant), the competent authority and verifiers discuss accreditation and verification issues?	yes	
Can the competent authority accompany the national accreditation body in accreditation activities as an observer?	yes	

### 3. Coverage of activities, installations and aircraft operators

#### 3.A. Installations

**3.1. How many installations carry out activities and emit greenhouse gas emissions listed in Annex I to Directive 2003/87/EC? How many of those installations are category A, B and C installations as referred to in Article 19(2) of Regulation (EU) No 601/2012? How many are installations with low emissions as referred to in Article 47(2) of Regulation (EU) No 601/2012? Please answer using the table below.**

Installations	Number
Installations with low emissions	57
Category A installations	67
Category B installations	33
Category C installations	8

Installations	Number
Total number of installations	108

**For which Annex I activities has your Member State issued permits under Directive 2003/87/EC? Please answer using the table below.**

Annex I activity	Yes/No
Combustion activities as specified in Annex I to Directive 2003/87/EC	yes
Refining of mineral oil	yes
Production of coke	yes
Metal ore (including sulphide ore) roasting or sintering, including pelletisation	yes
Production of pig iron or steel as specified in Annex I to Directive 2003/87/EC	yes
Production or processing of ferrous metals as specified in Annex I to Directive 2003/87/EC	yes
Production of primary aluminium	yes
Production of secondary aluminium as specific in Annex I to Directive 2003/87/EC	no
Production or processing of non-ferrous metals as specified in Annex I to Directive 2003/87/EC	yes
Production of cement clinker in rotary kilns as specified in Annex I to Directive 2003/87/EC	yes
Production of lime or calcination of dolomite or magnesite as specified in Annex I to Directive 2003/87/EC	yes
Manufacture of glass as specified in Annex I to Directive 2003/87/EC	yes
Manufacture of ceramic products as specified in Annex I to Directive 2003/87/EC	yes
Manufacture of mineral wool insulation material using glass, rock or slag as specified in Annex I to Directive 2003/87/EC	yes
Drying or calcination of gypsum or production of plaster boards and other gypsum products, as specified in Annex I to Directive 2003/87/EC	no
Production of pulp as specified in Annex I to Directive 2003/87/EC	yes
Production of paper or cardboard as specified in Annex I to Directive 2003/87/EC	yes
Production of carbon black as specified in Annex I to Directive 2003/87/EC	no
Production of nitric acid	yes
Production of adipic acid	no
Production of glyoxal and glyoxylic acid	no
Production of ammonia	yes
Production of bulk organic chemicals as specified in Annex I to Directive 2003/87/EC	yes
Production of hydrogen (H <sub>2</sub> ) and synthesis gas as specified in Annex I to Directive 2003/87/EC	no
Production of soda ash (Na <sub>2</sub> CO <sub>3</sub> ) and sodium bicarbonate (NaHCO <sub>3</sub> ) as specified in Annex I to Directive 2003/87/EC	no
Capture of greenhouse gases from installations as specified in Annex I to Directive 2003/87/EC	no
Transport of greenhouse gases by pipelines for geological storage in a storage site permitted under Directive 2009/31/EC of the European Parliament and of the Council (OJ L 140, 5.6.2009, p. 114)	no
Geological storage of greenhouse gases in a storage site permitted under Directive 2009/31/EC	no

### 3.2. Have you excluded installations under Article 27 of Directive 2003/87/EC? Yes/No

no

**What verification measures have been implemented pursuant to Article 27 of Directive 2003/87/EC? Please specify below.**

**Have any simplified monitoring, reporting and verification requirements been established for installations whose annual verified emissions between 2008 and 2010 are below 5 000 tonnes of CO<sub>2</sub>(e) a year? Yes/No** no

### 3.B. Aircraft operators

**3.3. How many aircraft operators are carrying out activities listed in Annex I to Directive 2003/87/EC for which you are responsible as administering Member State and have submitted a monitoring plan? How many of those aircraft operators are commercial aircraft operators and non-commercial aircraft operators? How many of the total number of aircraft operators are small emitters as referred to in Article 54(1) of Regulation (EU) No 601/2012? Please specify using the table below.**

Type of aircraft operators	Number
Commercial aircraft operators	1
Non-commercial aircraft operators	0
Total number of aircraft operators	1

Type of aircraft operators	Number
Small emitters	0

Are you aware of any additional aircraft operators for which you are responsible as administering Member State that should have submitted a monitoring plan and complied with other requirements under Directive 2003/87/EC? Yes/No no

If you would like to raise issues related to the number of these additional aircraft operators, please specify below.

#### 4. The issue of permits for installations

4.1. Have the requirements specified in Articles 5, 6 and 7 of Directive 2003/87/EC been integrated into the procedures as required by Directive 2010/75/EU of the European Parliament and of the Council (6)? Yes/No

yes

If yes, please specify in the table below how the integration was carried out. Add further rows if necessary.

Integration of the greenhouse gas emission permit (ETS permit) and the Industrial Emissions Directive (IED) permit	Yes/No	Comments (optional)
Is the ETS permit part of the IED permit?	No	
Are the permitting procedures under the IED Directive and ETS permit integrated?	No	
Are the approval of monitoring plans and assessment of emissions reports carried out by IED regulators?	No	
Is inspection of the EU ETS activities carried out by the IED regulators?	Yes	

If no, please specify in the table below how the coordination of conditions and procedures for the issue of the ETS permit and the IED permit are carried out. Add further rows if necessary.

Coordination of conditions and procedures for the issue of the ETS permit and the IED permit	Yes/No	Comments (optional)
IED regulators check whether an ETS permit is applicable and necessary, and inform the competent authority responsible for the activities under the EU ETS		
The legislation which transposes the IED Directive does not include emission or concentration limits for CO2		
IED regulators give binding instructions to the competent authority responsible for emissions trading during the permitting procedure		
IED regulators give advice on a voluntary and non-binding basis to the competent authority responsible for emissions trading during the permitting procedure		

4.2. When does national law require the permit to be updated in accordance with Article 6 and 7 of Directive 2003/87/EC? Please provide details of the provisions in national law in the table below. Add further rows if necessary.

Category of changes	Details of provisions in national law
When can permits be withdrawn by the competent authority?	if the operation of the installation has been terminated; or if the operation of the installation is no longer possible from the technical point of view; or if there has been a change in conditions
Does a permit expire under national law? If yes, under what circumstances?	no, it does not
When is a permit changed as a result of an increase in capacity?	if significant capacity extension occurs as defined in Commission Decision 2011/278/EU
When is a permit changed as a result of a decrease in capacity?	if significant capacity reduction occurs as defined in Commission Decision 2011/278/EU
When is a permit changed as a result of changes to the monitoring plan?	the monitoring plan is part of the permit, which means that the permit is always adjusted as a result of the monitoring plan update when the significant change occurs
Are there other types of permit updates? If yes, please provide details:	
Installation obliged to have IED permit - the ETS permit must take into account the conditions and procedures specified in the IED permit. If there has been a change in IED permit or new IED permit has been issued, ETS permit must be amended in accordance with the IED permit change / new IED permit .	

What is the total number of permit updates that occurred in the reporting period? Please specify in the table below the number of permit updates as far as this is known to the competent authority.

Total number of permits updated in the reporting period 17

#### 5. Application of the monitoring and reporting regulation

##### 5.A. General

5.1. Has additional national legislation been implemented to assist in the application of Regulation (EU) No 601/2012? Yes/No

no

**Has additional national guidance been developed to support the understanding of Regulation (EU) No 601/2012? Yes/No** no

**5.2. What measures have been taken to complement the reporting requirements of other existing reporting mechanisms such as greenhouse gas inventory reporting and EPRTTR reporting? Please specify below.**

– the body responsible for the compilation of greenhouse gas inventories under UNFCCC is the Slovak Hydrometeorological Institute (SHMU), the MoE provides EU ETS emissions report data to the SHMU - EU ETS emissions reports are accessible to the SHMU for the purpose of quality assurance - EU ETS emissions reports are accessible to the authorities responsible for compiling E-PRTR data on request - EU ETS emissions reports are accessible to the national statistical office on request

**5.3. Have you developed Member State customised electronic templates or specific file formats for monitoring plans, emissions reports, verification reports and/or improvement reports? Yes/No** yes

**If yes, please complete the tables below.**

	<b>Member State specific template or file format (7)</b>	<b>What elements of the template or specific file format are Member State specific (8)?</b>
Monitoring plan for installations	Member State specific file format	Monitoring plan template provided by the Commission has been transformed into the web application. Content of the template is the same.
Emissions report for installations	Member State specific file format	Emissions report template provided by the Commission has been transformed into the web application. Content of the template is the same.
Verification report for installations	Member State specific file format	Verification report template provided by the Commission has been transformed into the web application. Content of the template is the same.
Improvement report for installations		
	<b>Member State specific template or file format (7)</b>	<b>What elements of the template or specific file format are Member State specific (8)?</b>
Monitoring plan for aircraft operators		
Emissions report for aircraft operators		
Verification report for aircraft operators		
Improvement report for aircraft operators		

(7) Please select Member State specific template or Member State specific file format.

(8) Compared to the requirements of the Commission published template and specific file formats.

**What measures have you implemented to comply with the requirements in Article 74(1) and (2) of Regulation (EU) No 601/2012? Please specify below.**

Slovakia has implemented an e-reporting system related to the ETS. The new electronic system – Emissions trading reporting system (ETRS) has been developed for submission of monitoring plans, emissions reports, verification reports and activity levels. Competent authorities, operators and verifiers are obliged to use the ETRS from 1 January 2018. The ETRS uses file formats developed by the Commission but they have been transformed into the web application. The new system fully complies with the requirements in Article 74(1) and (2) of Regulation (EU) No 601/2012.

**5.4. Have you developed an automated system for electronic data exchange between operators or aircraft operators and the competent authority and other parties? Yes/No**

**5.4. Have you developed an automated system for electronic data exchange between operators or aircraft operators and the competent authority and other parties? Yes/No** yes

**If yes, please specify below what provisions you have implemented to comply with the requirements in Article 75(1) and (2) of Regulation (EU) No 601/2012.**

The ETRS fully complies with the requirements in Article 75(1) and (2) of Regulation no 601/2012.

**5.B. Installations**

**5.5. In the table below, please complete, for the fuels listed, the total fuel consumption and total annual emissions based on data reported in the operator's emissions reports for the reporting year.**

<b>Fuel type description</b>	<b>Total fuel consumption (TJ)</b>	<b>Total annual emissions (t CO2)</b>
Hard coal	13685	1308388
Lignite and sub-bituminous coal	16651	1662798
Peat	0	0
Coke	675	72270
Natural gas	55188	3075142
Coke oven gas	6964	297590

Fuel type description	Total fuel consumption (TJ)	Total annual emissions (t CO <sub>2</sub> )
Blast furnace gas	7226	2005210
Refinery gas and other process derived gases	17922	1149147
Fuel oil	8801	695373
Liquefied petroleum gas	0	0
Petroleum coke	3653	383240
Other fossil fuels (11)	3517	324840

(11) Please note that this question does not cover biomass (including non-sustainable biofuels and bioliquids). Information concerning biomass, biofuels and bioliquids is covered by question 5.17.

**5.6. In the table below, please complete the aggregate total emissions for each reported IPCC Common Reporting Format (CRF) category based on the data provided in the operator's emissions reports in accordance with Article 73 of Regulation (EU) No 601/2012.**

CRF Category 1 (Energy)	CRF Category 2 (Process emissions)	Total emissions (t CO <sub>2</sub> (e))	Total combustion emissions (t CO <sub>2</sub> (e))	Total process emissions (t CO <sub>2</sub> (e))
1A1a		3162672	3162672	
1A1b		2190217	2190217	
1A1c		901423	901423	
1A2a		1861052	1861052	
1A2b		75568	75568	
1A2c		329815	340331	
1A2d		357576	357576	
1A2e		156491	156491	
1A2g		1932198	1932198	
1A4a		3575	3575	
1A4c		3413	3413	
	2A1	1243499		1243499
	2A2	900985		900985
	2B7	18389		18389
	2A4	12076		12076
	2B1	883515		883515
	2B2	75946		75946
	2B5	49083		49083
	2B10	754		754
	2C1	3553074		3553074
	2C2	214368		214368
	2C3	244310		244310

**5.7. In the table below, please indicate:**

- the number of installations for which the competent authority has approved literature values referred to in Article 31(1)(c) of Regulation (EU) No 601/2012;
- the value, fuel type and calculation factor concerned as well as the source and justification for these literature values;
- the number of installations for which the competent authority has approved Type I default values, i.e. values referred to in Article 31(1)(d) and (e) of Regulation (EU) No 601/2012;
- the value, fuel type or material type and calculation factor concerned as well as the source and justification for these Type I default values.

Type of value (12)	Fuel or material type	Calculation factor (13)	Value used in practice	S05_LiteratureAndDefaultValueJustification-Units	Source of the value and its justification	Number of installations for which the competent authority has approved the value
Type I default value	Natural gas	emission factor	55.71	tCO <sub>2</sub> /TJ	Company SPP - distribúcia, a.s. publishes emission factor of natural gas on monthly basis. <a href="https://www.spp-distribucia.sk/wp-content/uploads/2021/01/Kvalita_ZP_emisny_faktor_sk_2020.pdf">https://www.spp-distribucia.sk/wp-content/uploads/2021/01/Kvalita_ZP_emisny_faktor_sk_2020.pdf</a>	108

Type of value (12)	Fuel or material type	Calculation factor (13)	Value used in practice	S05_LiteratureAndDefaultValueJustification-Units	Source of the value and its justification	Number of installations for which the competent authority has approved the value
Type I default value	Natural gas	net calorific value	35.02	GJ/1000m3	Company SPP - distribúcia, a.s. publishes net calorific value of natural gas on monthly basis. <a href="https://www.spp-distribucia.sk/wp-content/uploads/2021/01/Kvalita_ZP_emisny_faktor_sk_2020.pdf">https://www.spp-distribucia.sk/wp-content/uploads/2021/01/Kvalita_ZP_emisny_faktor_sk_2020.pdf</a>	108

(12) Please select under the type of value: the literature value agreed with the competent authority or Type I default value. Literature values referred to in Article 31(1)(c) of Regulation (EU) No 601/2012 are related to calculation factors concerning fuel types.

(13) Please select under calculation factor: net calorific value, emission factor, oxidation factor, conversion factor, carbon content or biomass fraction.

**How many of the Type I default values are values listed in Annex VI to Regulation (EU) No 601/2012 as referred to in Article 31(1)(a) of that Regulation?**

**How many of the Type I default values are values listed in Annex VI to Regulation (EU) No 601/2012 as referred to in Article 31(1)(a) of that Regulation?**

2

**5.8. Have sampling plans been drawn up in all cases required under Article 33 of Regulation (EU) No 601/2012? Yes/No**

yes

**Are you aware of any particular problems or issues concerning sampling plans set-up by operators? Yes/No** no

**5.9. In the table below, please indicate the number of installations for which the competent authority has allowed a different frequency in accordance with Article 35(2)(b) of Regulation (EU) No 601/2012 as well as confirmation that the sampling plan in those cases is fully documented and adhered to.**

Name of fuel or material	Number of installations for which the competent authority has allowed a different frequency	Number of major source streams for which a different frequency is applied	Confirmation that the sampling plan is fully documented and adhered to Yes/No. If no, please specify the reason
Anthracite	1	1	Yes
Organic coating	1	1	Yes

**5.10. If the highest tier approaches for major source streams of category C installations referred to in Article 19(2)(c) of Regulation (EU) No 601/2012 are not applied, please indicate in the table below, for each installation for which this situation occurred, the affected source streams, the affected monitoring parameter, the highest tier required under Regulation (EU) No 601/2012 and the tier applied.**

Installation identification code (14)	Affected source stream in the calculation based methodology	Affected emission source in the measurement based methodology	Affected monitoring parameter (15)	Highest tier required under Regulation (EU) No 601/2012	Tier applied in practice
SK150	Natural gas	-	Net calorific value	Tier 3	Tier 2a
SK150	Natural gas	-	Carbon content	Tier 3	Tier 2a
SK208904	Natural gas	-	Net calorific value	Tier 3	Tier 2a
SK208904	Natural gas	-	Emission factor	Tier 3	Tier 2a

(14) Installation identification code recognised in accordance with Regulation (EU) No 389/2013.

(15) Please select under affected monitoring parameter: quantity of fuel, quantity of material, net calorific value, emission factor, preliminary emission factor, oxidation factor, conversion factor, carbon content, biomass fraction, or in the case of a measurement based methodology: the annual average hourly emissions in kg/h from the emission source.

**5.11. In the table below, please indicate the number of category B installations referred to in Article 19(2)(b) of Regulation (EU) No 601/2012 that do not apply the highest tier for all major source streams and all major emission sources (16) in accordance with Regulation (EU) No 601/2012.**

Monitoring methodology (17)	Main Annex I activity	Number of installations affected
Measurement based methodology	Combustion activities as specified in Annex I to Directive 2003/87/EC	1
Calculation based methodology	Combustion activities as specified in Annex I to Directive 2003/87/EC	6
Calculation based methodology	Production of lime or calcination of dolomite or magnesite as specified in Annex I to Directive 2003/87/EC	1
Calculation based methodology	Manufacture of mineral wool insulation material using glass, rock or slag as specified in Annex I to Directive 2003/87/EC	1
Calculation based methodology	Production of primary aluminium	1

(16) Emission sources which emit more than 5 000 tonnes of CO<sub>2</sub>(e) per year or which contribute more than 10 % of the total annual emissions of the installation, whichever is higher in terms of absolute emissions.

(17) Please select: calculation based methodology or measurement based methodology.

**5.12. Have installations in your Member State applied the fall-back approach in accordance with Article 22 of Regulation (EU) No 601/2012? Yes/No**

no

**5.13. Please indicate in the table below the number of category A, B and C installations that were required to submit and actually submitted an improvement report in accordance with Article 69 of Regulation (EU) No 601/2012. The information in the table below relates to the previous reporting period.**

Installation category	Main Annex I activity	Type of improvement report (21)	Number of installations required to submit an improvement report	Number of installations that submitted an improvement report in practice
Category A	Combustion activities as specified in Annex I to Directive 2003/87/EC	Improvement report according to Article 69(1)	3	3
Category B	Combustion activities as specified in Annex I to Directive 2003/87/EC	Improvement report according to Article 69(1)	2	2
Category C	Combustion activities as specified in Annex I to Directive 2003/87/EC	Improvement report according to Article 69(1)	3	3
Category C	Production of pig iron or steel as specified in Annex I to Directive 2003/87/EC	Improvement report according to Article 69(1)	1	1
Category C	Production of cement clinker in rotary kilns as specified in Annex I to Directive 2003/87/EC	Improvement report according to Article 69(4)	2	2
Category B	Production of primary aluminium	Improvement report according to Article 69(4)	1	1
Category B	Production of cement clinker in rotary kilns as specified in Annex I to Directive 2003/87/EC	Improvement report according to Article 69(1)	1	1

(17) Please select: calculation based methodology or measurement based methodology.

(21) Please select: improvement report according to Article 69(1), improvement report according to Article 69(3) or improvement report according to Article 69(4).

**5.14. Has inherent CO2 in accordance with Article 48 or CO2 in accordance with Article 49 of Regulation (EU) No 601/2012 been transferred in your Member State? Yes/No**

no

**5.15. Are there innovative technologies foreseen, other than those allowed under Article 49 of Regulation (EU) No 601/2012, that could be applied for permanent storage and for which you would like to bring to the attention of the Commission because of its relevance for future amendments to Regulation (EU) No 601/2012?**

No

**5.16. Did any installations in your Member State apply continuous emissions measurement in accordance with Article 40 of Regulation (EU) No 601/2012? Yes/No**

yes

**If yes, please indicate in the table below, the total emissions of each installation, the emissions covered by continuous emission measurement, and whether the measured gas contains biomass CO2.**

Installation identification code (27) of installations emitting CO2	Installation identification code (28) of installations emitting N2O	Total annual emissions (t CO2(e))	Emissions covered by continuous measurement (t CO2(e))	Does the measured flue gas contain biomass? Yes/No
	SK44	1030990	72824	No
	SK204252	9502	3122	No
SK109		79868	76653	Yes
SK110		1214889	251490	No
SK144		334593	237150	No
SK167		186853	152917	No

(27) Installation identification code recognised in accordance with Regulation (EU) No 389/2013.

(28) Please select: transfer of inherent CO2 (Article 48) or transfer of CO2 (Article 49).

**5.17. In the table below, please indicate for each main activity listed in Annex I to Directive 2003/87/EC:**

- the number of category A, B and C installations using biomass;
- the total emissions from biomass which are considered zero rated, i.e. where no sustainability criteria apply or where the sustainability criteria are complied with;
- the total emissions from biomass which are not considered zero rated, i.e. where sustainability criteria apply but the sustainability criteria are not complied with;
- the energy content of the biomass which is considered zero rated; and



- the energy content of the biomass which is not considered zero rated.

Main Annex I activity	Installation category	the number of category A, B and C installations using biomass;	Emissions from biomass to which sustainability criteria are applied and satisfied and emissions from biomass to which no sustainability criteria apply (t CO2(e))	Emissions from biomass to which the sustainability criteria apply but were not satisfied (t CO2(e))	Energy content of zero rated biomass (TJ)	Energy content of non-zero rated biomass (TJ)
Combustion activities as specified in Annex I to Directive 2003/87/EC	Category A	12	250960	0	13379	0
Combustion activities as specified in Annex I to Directive 2003/87/EC	Category B	6	233860	0	2316	0
Production of lime or calcination of dolomite or magnesite as specified in Annex I to Directive 2003/87/EC	Category B	2	18605	0	2204	0
Production of cement clinker in rotary kilns as specified in Annex I to Directive 2003/87/EC	Category B	2	76548	0	893	0
Production of cement clinker in rotary kilns as specified in Annex I to Directive 2003/87/EC	Category C	2	219828	0	2013	0
Production of paper or cardboard as specified in Annex I to Directive 2003/87/EC	Category A	1	306	0	4	0
Production of pulp as specified in Annex I to Directive 2003/87/EC	Category A	1	291363	0	3689	0

**Which of the methods to demonstrate compliance with sustainability criteria are in general applied in your Member State? Please describe below the main elements if national systems are used to demonstrate this compliance.**

The biomass use in Slovakia follows methods and recommendations set out in the MRR Guidance document No. 3 - Biomass issues in the EU ETS which was created based on Commission Regulation (EU) No. 601/2012 of 21 June 2012 on the monitoring and reporting of greenhouse gas emissions pursuant to Directive 2003/87/EC of the European Parliament and of the Council.

**5.18. What was for each waste type the total quantity of fossil CO2 emissions from waste used as fuel or input material, as reported by operators in their verified emissions report? Please answer by using the table below. Add further rows if necessary.**

Waste type	Emissions (t CO2)
120102	240204
130208	7293
150109	29
150202	21
150203	5
160103	480309
160107	5
191208	24615
191210	97710
191212	44975
191001	378

**5.19. Has your Member State allowed use of any simplified monitoring plans in accordance with Article 13(2) of Regulation (EU) No 601/2012? Yes/No**

no

**5.20. Have innovative ways been used to simplify compliance for installations with low emissions referred to in Article 47(2) of**

**Regulation (EU) No 601/2012? Yes/No**

no

If yes, please specify per item in the table below. Add further rows if necessary.

Innovative ways used to simplify compliance	Yes/No
Customised guidance, templates and/or specific examples	
Workshops specifically designed for installations with low emissions	
Simplified template for monitoring plans	

**5.C. Aircraft operators**

**5.21. How many aircraft operators are using Method A or B to determine the fuel consumption? Please answer using the table below.**

Method to determine the fuel consumption	Number of aircraft operators	Share (in %) of small emitters (of the total number of aircraft operators in the second column) determining fuel consumption
Method A	0	0
Method B	1	0
Method A and B	0	0

**5.22. In the table below, please specify the aggregate total emissions of all flights and domestic flights carried out in the reporting period by aircraft operators for which you are the administering Member State.**

Total emissions of flights carried out by aircraft operators for which you are the administering Member State (t CO2)	Total emissions of domestic flights carried out by aircraft operators for which you are the administering Member State (t CO2)
2167	0

**5.23. In the table below, please indicate:**

- the number of aircraft operators using biofuels;
- the total emissions from biofuels which are considered zero rated, i.e. where the sustainability criteria are complied with;
- the total emissions from biofuels which are not considered zero rated, i.e. where sustainability criteria apply but the sustainability criteria are not complied with;
- the energy content of the biofuels which is considered zero rated; and
- the energy content of the biofuels which is not considered zero rated.

Number of aircraft operators using biofuels	Emissions from biofuels to which sustainability criteria are applied and satisfied (t CO2)	Emissions from biofuels to which the sustainability criteria apply but were not satisfied (t CO2)	Energy content of zero rated biofuels (TJ)	Energy content of non-zero rated biofuels (TJ)
0	0	0	0	0

**5.24. In the table below, please indicate:**

- the number of small emitters using the small emitters tool (SET) to determine the fuel consumption;
- the number of small emitters whose emission report is based on the SET and generated from the EU ETS support facility independently from any input of the aircraft operator;
- the number of aircraft operators using an alternative method to determine the emissions of missing flights; and
- the number of aircraft operators using the small emitters tool to determine the emissions of missing flights in accordance with Article 65(2) of Regulation (EU) No 601/2012.

Number of small emitters using the small emitters tool (SET) to determine the fuel consumption	0
Number of small emitters whose emission report is based on the SET and generated from the EU ETS support facility independently from any input of the aircraft operator	0
Number of aircraft operators using an alternative method to determine the emissions of missing flights	0
Number of aircraft operators using the tool referred to in Article 54(2) of Regulation (EU) No 601/2012 to determine the emissions of missing flights	0

**5.25. In the table below, please indicate the number of aircraft operators that were required to submit and actually submitted an improvement report in accordance with Article 69 of Regulation (EU) No 601/2012. The information requested in the table below relates to the previous reporting period.**

Number of aircraft operators required to submit an improvement report	Number of aircraft operators that submitted an improvement report in practice
0	0

**5.26. Has your Member State allowed use of any simplified monitoring plans in accordance with Article 13(2) of Regulation (EU) No 601/2012? Yes/No.**

no

**5.27. Have innovative ways been used to simplify compliance for small emitters as referred to in Article 54(1) of Regulation (EU) No 601/2012? Yes/No**

no

If yes, please specify per item in the table below. Add further rows if necessary.

Innovative ways used to simplify compliance	Yes/No
Customised guidance and specific examples	
Workshops specifically designed for small emitters	
Simplified template for monitoring plans	

## 6. Arrangements for verification

### 6.A. General

6.1. Please indicate in the table below the number of verifiers accredited for a particular scope of accreditation referred to in Annex I to Regulation (EU) No 600/2012. If Member States have allowed certification of natural person verifiers pursuant to Article 54(2) of Regulation (EU) No 600/2012, please indicate also the number of natural person verifiers certified for a particular scope of certification referred to in Annex I to Regulation (EU) No 600/2012.

Scope of accreditation or certification listed in Annex I to Regulation (EU) No 600/2012	Number of verifiers accredited in your Member State	Number of verifiers certified in your Member State
Combustion of fuels in installations, where only commercial standard fuels as defined in Regulation (EU) No 601/2012 are used, or where natural gas is used in category A or B installations.	4	0
Combustion of fuels in installations, without restrictions	4	0
Refining of mineral oil	4	0
Production of coke; Metal ore (including sulphide ore) roasting or sintering, including pelletisation; Production of pig iron or steel (primary or secondary fusion) including continuous casting	4	0
Production or processing of ferrous metals (including ferro-alloys); Production of secondary aluminium; Production or processing of non-ferrous metals, including production of alloys	4	0
Production of primary aluminium (CO <sub>2</sub> and PFC emissions)	4	0
Production of cement clinker; Production of lime or calcination of dolomite or magnesite; Manufacture of glass including glass fibre; Manufacture of ceramic products by firing; Manufacture of mineral wool insulation material; Drying or calcination of gypsum or production of plaster boards and other gypsum products	4	0
Production of pulp from timber or other fibrous materials; Production of paper or cardboard	4	0
Production of carbon black; Production of ammonia; Production of bulk organic chemicals by cracking, reforming, partial or full oxidation or by similar processes; Production of hydrogen (H <sub>2</sub> ) and synthesis gas by reforming or partial oxidation; Production of soda ash (Na <sub>2</sub> CO <sub>3</sub> ) and sodium bicarbonate (NaHCO <sub>3</sub> )	4	0
Production of nitric acid (CO <sub>2</sub> and N <sub>2</sub> O emissions); Production of adipic acid (CO <sub>2</sub> and N <sub>2</sub> O emissions); Production of glyoxal and glyoxylic acid (CO <sub>2</sub> and N <sub>2</sub> O emissions); Production of caprolactam	4	0
Aviation activities (emissions and tonne-kilometre data)	1	0
Other activities pursuant to Article 10a of Directive 2003/87/EC	4	0

6.2. In the table below, please provide information on the application of the requirements on information exchange specified in Chapter VI of Regulation (EU) No 600/2012

Information on the application of information exchange requirements specified in Chapter VI of Regulation (EU) No 600/2012	For installations		For aviation
	Suspension	Withdrawal of accreditation	Reduction of scope
Number of verifiers accredited by a national accreditation body in another Member State that carried out verification in your Member State	1		1
Number of verifiers certified by a national certification authority in another Member State that carried out verification in your Member State (if relevant)	0		0
Number of administrative measures imposed on verifiers accredited by your Member State	0	0	0
Number of administrative measures imposed on verifiers certified by your Member State (if relevant)	0	0	0
Number of times that the national accreditation body in your Member State has requested the national accreditation body in another Member State to carry out surveillance on its behalf in accordance with Article 49(5) of Regulation (EU) No 600/2012			0
	Number of non-conformities		Number of non-conformities resolved
Number of complaints made about verifiers accredited by your Member State and the number that have been resolved	0	0	0
Number of complaints made about verifiers certified by your Member State and the number that have been resolved	0	0	0

	Number of non-conformities	Number of non-conformities resolved
Number of outstanding non-conformities for verifiers reported in the information exchange and the number that have been resolved	0	0

#### 6.B. Installations

**6.3. For which installations did the competent authority make a conservative estimation of emissions in accordance with Article 70(1) of Regulation (EU) No 601/2012? Please answer using the table below. Add further rows if necessary.**

Installation identification code (31)	Total annual emissions of the installation (t CO <sub>2</sub> (e))	Reason for making a conservative estimation (32)	Share (in %) of emissions of the installation conservatively estimated	Method used to conservatively estimate the emissions	Further action taken or proposed (33)
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(31) Installation identification code recognised in accordance with Regulation (EU) No 389/2013.

(32) Please specify: no emissions report submitted by 31 March, no positive verification because of material misstatements, no positive verification because of limitation of scope (Article 27(1)(c) of Regulation (EU) No 600/2012, no positive verification because of Article 27(1)(d) of Regulation (EU) No 600/2012, emissions report rejected because it was not in line with Regulation (EU) No 601/2012, or emissions report not verified in line with Regulation (EU) No 600/2012.

(33) Please indicate which of the following actions have been carried out or are being proposed: reminder or formal warning on imposing sanctions sent to operators, blocking of the operator holding account, imposition of fines, or other (please specify). A combination of actions is possible.

**6.4. Did any verification report include non-material misstatements, non-conformities that did not lead to a negative verification opinion statement, non-compliance with Regulation (EU) No 601/2012 or recommendations for improvement?** yes  
**Yes/No**

**If yes, please provide information in the table below:**

Main Annex I activity	Type of issue found (34)	Number of installations	Main reasons for the issue(s) found (in general) (35)	Share (in %) of verified emissions reports that have led to conservative estimation of the emissions by the competent authority
Combustion activities as specified in Annex I to Directive 2003/87/EC	Non-material misstatements	1	source stream	0
Combustion activities as specified in Annex I to Directive 2003/87/EC	Non-conformities not leading to a negative VOS	10	various	0
Combustion activities as specified in Annex I to Directive 2003/87/EC	Non-compliance with Regulation 601/2012	1	category	0
Combustion activities as specified in Annex I to Directive 2003/87/EC	Recommendations for improvement	6	various	0
Production of cement clinker in rotary kilns as specified in Annex I to Directive 2003/87/EC	Non-conformities not leading to a negative VOS	1	process emissions	0
Production of cement clinker in rotary kilns as specified in Annex I to Directive 2003/87/EC	Non-compliance with Regulation 601/2012	1	improvement report	0
Production of cement clinker in rotary kilns as specified in Annex I to Directive 2003/87/EC	Recommendations for improvement	1	calculation factor	0
Manufacture of glass as specified in Annex I to Directive 2003/87/EC	Recommendations for improvement	1	source stream	0
Production of lime or calcination of dolomite or magnesite as specified in Annex I to Directive 2003/87/EC	Non-conformities not leading to a negative VOS	1	source stream	0
Production of lime or calcination of dolomite or magnesite as specified in Annex I to Directive 2003/87/EC	Recommendations for improvement	2	tier	0
Production of paper or cardboard as specified in Annex I to Directive 2003/87/EC	Recommendations for improvement	1	source stream	0
Production or processing of ferrous metals as specified in Annex I to Directive 2003/87/EC	Recommendations for improvement	1	source stream	0

(34) Please specify: non-material misstatements, non-conformities not leading to a negative verification opinion statement, non-compliance with Regulation (EU) No 601/2012, recommendations for improvement.

(35) Only high level information on main reasons should be completed. A specification of each individual misstatement, non-conformity, non-compliance or recommendation is not necessary.

**6.5. Did the competent authority carry out any checks on verified emissions reports? Yes/No** yes

**If yes, please specify what checks were carried out using the table below:**

<b>Checks on the verified verification reports</b>		
Share of the emissions reports checked for completeness and internal consistency (%)	100	
Share of the emissions reports checked for consistency with the monitoring plan (%)	100	
Share of the emissions reports that were cross-checked with allocation data (%)	100	
Share of the emissions reports that were cross-checked with other data (%). Please provide information with which other data cross-checks were performed using the third column	100	The emission reports were cross-checked with the data from NEIS (National Emission Information System) and Statistical Office of the Slovak Republic.
Share of the emissions reports that were analysed in detail (%). Please provide information on the criteria used for selecting emissions reports for detailed analysis using the third column (36)	0	

Number of inspections of installations that were carried out through site visits by the competent authority	0	
Number of verified emissions reports that were rejected because of non-compliance with Regulation (EU) No 601/2012	0	
Number of verified emissions reports that were rejected because of other reasons Please indicate the reasons for rejecting the emissions reports using the third column	0	
Action taken as a result of rejection of verified emissions reports	none	
Other action taken as a consequence of checks on verified emissions reports	none	

(36) Please select: risk based assessment, % of installations, all category C installations, random selection, or other (if other please specify).

#### 6.6. Have site visits been waived for installations emitting more than 25 000 tonnes CO<sub>2</sub>(e) per year? Yes/No no

(37) Please select the condition(s) as mentioned in the Commission Key guidance note II.5 Site visits concerning installations, section 3: Condition I, Condition II, Condition III or Condition IV.

#### Were site visits waived for installations with low emissions referred to in Article 47(2) of Regulation (EU) No 601/2012? Yes/No yes

If yes, please indicate in the table below the number of installations for which a site visit was waived.

Total number of site visits waived for installations with low emissions	20
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#### 6.C. Aircraft operators

#### 6.7. For which aircraft operators did the competent authority make a conservative estimation of emissions in accordance with Article 70(1) of Regulation (EU) No 601/2012? Please answer using the table below. Add further rows if necessary.

Aircraft operator identification code (38)	Total annual emissions of the aircraft operator (t CO <sub>2</sub> (e))	Reason for making a conservative estimation (39)	Share (in %) of emissions of the aircraft operator conservatively estimated	Method used to conservatively estimate the emissions	Further action taken or proposed (40)
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(38) Aircraft operator identification code recognised in accordance with Regulation (EU) No 389/2013.

(39) Please select: no emissions report submitted by 31 March, no positive verification because of material misstatements, no positive verification because of limitation of scope (Article 27(1)(c) of Regulation (EU) No 600/2012, no positive verification because of Article 27(1)(d) of Regulation (EU) No 600/2012, emissions report rejected because it was not in line with Regulation (EU) No 601/2012, emissions report not verified in line with Regulation (EU) No 600/2012.

(40) Please indicate which of the following actions have been carried out or are being proposed: reminder or formal warning on imposing sanctions sent to aircraft operators, blocking of the aircraft operator holding account, imposition of fines, or other (please specify). A combination of actions is possible.

#### 6.8. Did any verification report include non-material misstatements, non-conformities that did not lead to a negative verification opinion statement, non-compliance with Regulation (EU) No 601/2012 or recommendations for improvement? Yes/No no

(41) Please select: non-material misstatements, non-conformities not leading to a negative verification opinion statement, non-compliance with Regulation (EU) No 601/2012 or recommendations for improvement.

(42) Only high level information on main reasons should be completed. A specification of each individual misstatement, non-conformity, non-compliance or recommendation is not necessary.

(43) Please select: non-material misstatements, non-conformities not leading to a negative verification opinion statement, non-compliance with Regulation (EU) No 601/2012 or recommendations for improvement.

(44) Only high level information on main reasons should be completed. A specification of each individual misstatement, non-conformity, non-compliance or recommendation is not necessary.

#### 6.9. Did the competent authority carry out any checks on verified emissions reports? Yes/No yes

If yes, please specify what checks were carried out using the tables below for emissions and tonne-kilometre data respectively.

##### Table for data related to emissions reports

<b>Checks on the verified emissions reports</b>		
Share of the emissions reports checked for completeness and internal consistency (%)	100	
Share of the emissions reports checked for consistency with the monitoring plan (%)	100	
Share of the emissions reports that were cross-checked with other data (%). Please provide information with which other data cross-checks were performed using the third column	100	Cross-check with the data from ETS-SF.
Share of the emissions reports that were analysed in detail (%). Please provide information on the criteria used for selecting emissions reports for detailed analysis using the third column (45)	0	
Number of inspections carried out on aircraft operators	0	

Number of verified emissions reports rejected because of non-compliance with Regulation (EU) No 601/2012	0	
Number of verified emissions reports rejected because of other reasons. Please indicate the reasons for rejecting the emissions reports using the third column	0	
Action taken as a result of rejection of verified emissions reports	none	
Other action taken as a consequence of checks on verified emissions reports	none	

(45) Please select: risk based assessment, % of aircraft operators, all large aircraft operators, random selection, or other (if other, please specify).

#### Table for data related to tonne-kilometre reports

Checks on the tonne-kilometre reports		
Share of the tonne-kilometre reports checked for completeness and internal consistency (%)	0	
Share of the tonne kilometre reports checked for consistency with the monitoring plan (%)	0	
Share of the tonne kilometre reports that were cross-checked with other data (%). Please provide information with which other data cross-checks were performed using the third column	0	
Share of the tonne kilometre reports that were analysed in detail (%). Please provide information on the criteria used for selecting tonne kilometre reports for detailed analysis using the third column (46)	0	

Number of inspections carried out on aircraft operators	0	
Number of verified tonne kilometre reports rejected because of non-compliance with Regulation (EU) No 601/2012	0	
Number of verified tonne kilometre reports rejected because of other reasons. Please indicate in the reasons for rejecting the tonne-kilometre reports using the third column	0	
Action taken as a consequence of checks on verified tonne-kilometre reports	none	

(46) Please select: risk based assessment, % of aircraft operators, large aircraft operators, random selection, or other (if other please specify).

**6.10. Were site visits waived for small emitters referred to in Article 54(1) of Regulation (EU) No 601/2012? Yes/No** no

## 7. Registries

**7.1. Please attach a copy of your Member State specific terms and conditions required to be signed by account holders.**

**7.2. In all cases where an account was closed because there was no reasonable prospect of further allowances being surrendered by an installation or aircraft operator, please describe in the table below why there was no reasonable further prospect and state the amount of outstanding allowances. Add further rows if necessary.**

Installation/operator identification code (47)	Operator Name	Installation name	Number of allowances outstanding	Reason for no reasonable further prospect
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(47) Installation identification code recognised in accordance with Regulation (EU) No 389/2013.

**7.3. On how many occasions during the reporting year did aircraft operators use the mandate as provided for in Article 17(3) of Commission Regulation (EU) No 389/2013 (48)? Please specify below the number of occasions.**

Number of occasions that the mandate was used during the reporting period	0
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(48) OJ L 122, 3.5.2013, p. 1.

Aircraft operator identification code (49)	Aircraft operator name
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(49) Aircraft operator identification code recognised in accordance with Regulation (EU) No 389/2013

## 8. Allocation

**8.1. In the table below, please specify the number of changes that occurred to installations and their allocation since the start of the third trading period and during the reporting period.**

Reason for the change in the allocation	During the reporting period		Since the start of third trading period	
	Number of changes in the reporting period	Quantity of emission allowances corresponding to all changes in the reporting period	Number of changes since the start of the third trading period	Quantity of emission allowances corresponding to all changes since the start of the third trading period
Allocation to new installations or new sub-installations as referred to in Article 19 of Commission Decision 2011/278/EU (OJ L 130, 17.5.2011, p. 1)	1	9091	5	680127
Significant capacity extensions as referred to in Article 20 of Decision 2011/278/EU	0	0	9	354948
Cessation as referred to in Article 22(1)(a) — (d) of Decision 2011/278/EU	2	16197	48	456559
Cessation as referred to in Article 22(1)(e) of Decision 2011/278/EU	0	0	0	0

Reason for the change in the allocation	During the reporting period		Since the start of third trading period	
	Number of changes in the reporting period	Quantity of emission allowances corresponding to all changes in the reporting period	Number of changes since the start of the third trading period	Quantity of emission allowances corresponding to all changes since the start of the third trading period
Significant capacity reductions as referred to in Article 21 of Decision 2011/278/EU	0	0	3	5229
Partial cessation as referred to in Article 23 of Decision 2011/278/EU	0	0	102	9214381

**8.2. Were any planned or effective changes to the capacity, activity levels or operation of an installation, as referred to in Article 24 of Decision 2011/278/EU, not notified to the competent authority? Yes/No** no

**8.3. Have you applied Article 10c of Directive 2003/87/EC? Yes/No** no

**If yes, please provide in the table below the total number of emission allowances issued and the total value of investments made under Article 10c of Directive 2003/87/EC in the reporting period?**

	Within the reporting period
Total number of emission allowances issued under Article 10c of Directive 2003/87/EC	
Total value of investments under Article 10c of Directive 2003/87/EC	

## 9. Use of emission reduction units (ERUs) and certified emission reduction (CERs) in the Community scheme

**9.1. What measures have been taken, prior to issuing a letter of approval for a project, to ensure that relevant international criteria and guidelines, including those contained in the year 2000 Final Report of the World Commission on Dams (WCD), will be respected during the development of hydro-electric power production projects with a generating capacity exceeding 20 MW? Please answer using the table below. Add further rows if necessary.**

Measures taken to ensure that relevant international criteria and guidelines, including those contained in the Final report of the WCD, have been respected	Yes	No
Project participants are legally obliged to adhere to relevant international criteria and guidelines, including those contained in the World Commission on Dams November 2000 Report "Dams and Development — A New Framework for Decision-Making"	no	
Adherence to relevant international criteria and guidelines, including those contained in the World Commission on Dams November 2000 Report "Dams and Development — A New Framework for Decision-Making" is verified. If yes, please specify the relevant authority, e.g. competent authority or designated national authority (DNA) using the comments column	no	
In approving hydroelectric power production project activities with a generating capacity exceeding 20 MW, the DNA or another relevant authority is required to adhere to a set of harmonised guidelines on the application of Article 11b(6) of Directive 2003/87/EC, agreed to by Member States at the Climate Change Committee	no	
Project proponents have to submit a validated Article 11b(6) compliance report in line with the harmonised guidelines. If yes, please provide relevant documents or web-links using the comments column	no	
Entities other than designated operational entities (DOEs) are also authorised to carry out a validation of the Article 11b(6) Compliance Report. If yes, please specify who these entities are using the comments column	no	
Project activities are approved in line with the harmonised guidelines. If yes, please specify the number of project activities approved using the comments column	no	
The general public have access to information on hydroelectric production project activities approved in your Member State in line with Article 11 b(6) of Directive 2003/87/EC. If yes, please provide information on this access including web-links, if available, using the comments column	no	

## 10. Fees and charges

### 10.A. Installations

**10.1. Are fees charged to operators? Yes/No** no

**If yes, please provide details in the table below regarding fees charged for the issuance and update of permits and approval and update of monitoring plans.**

Reason for fee/description	Amount in euros
Permit issuance/monitoring plan approval	
Permit update	
Permit transfer	
Permit surrender	
New entrant reserve application	

Reason for fee/description	Amount in euros
Annual subsistence charge	

### 10.B. Aircraft operators

**10.2. Are fees charged to aircraft operators? Yes/No** no

If yes, please provide details in the table below regarding fees charged for the approval and update of monitoring plans.

Reason for fee/description	Amount in euros
Approval of monitoring plan for emissions	
Approval of change to monitoring plan for emissions	
Approval of monitoring plan for tonne-kilometre data	
Approval of change to monitoring plan for tonne-kilometre data	
Transfer of monitoring plan	
Surrender of monitoring plan	

Reason for fee/description	Amount_in_Euros
Annual subsistence charge	

**10.C. Installations and aircraft operators**

**10.3. In the tables below, please specify the one-off and annual fees that are charged to operators and aircraft operators in relation to registry accounts.**

**Table for one-off fees**

Reason for fee/description	Min_Amount_in_Euros	Max_Amount_in_Euros
<b>Other Category:</b> official account statement	50	50
<b>Other Category:</b> execution of the transfer of allowances by the registry administrator at the request of an operator	950	950

**Table for annual fees**

Reason for fee/description	Min_Amount_in_Euros	Max_Amount_in_Euros
Maintain	500	500
FeePerAllow	0.015	0.015
FeeTrade	625	625

**11. Issues related to compliance with the ETS Directive****11.A. Installations**

**11.1. In the table below, please specify what measures have been taken to ensure that operators complied with the permit and Regulation (EU) No 601/2012 and with Regulation (EU) No 600/2012. Add further rows if necessary.**

Measures taken to ensure compliance	Yes/No
Spot checks and inspection of implementation and compliance by installations with the monitoring plan and Regulations (EU) No 601/2012 and (EU) No 600/2012	yes
Regular meetings with industry and/or verifiers	yes
Ensuring that selling of emission allowances is prohibited in the case of irregularities	yes
Publishing the names of operators that are not in compliance with Regulation (EU) No 601/2012	yes

**11.2. In the table below, please state the penalties for infringements of Regulation (EU) No 601/2012, Regulation (EU) No 600/2012 and national law pursuant to Article 16(1) of Directive 2003/87/EC. Add further rows if necessary.**

Type of infringement	Fines in euros		Imprisonment in months		Other
Operation without a permit	1000	16600	0	0	
Failure to comply with the conditions of the permit	1000	16600	0	0	
Failure to hold a monitoring plan approved by the competent authority	1000	16600	0	0	
Failure to submit supporting documentation in accordance with Article 12(1) of Regulation (EU) No 601/2012	0	0	0	0	
Failure to hold a required sampling plan(s) approved by the competent authority	0	0	0	0	
Failure to monitor in accordance with the approved monitoring plan and Regulation (EU) No 601/2012	1000	16600	0	0	
The quality assurance of measurement equipment is not in line with Regulation (EU) No 601/2012	1000	16600	0	0	



Type of infringement	Fines in euros		Imprisonment in months		Other
Failure to implement the procedures required by Regulation (EU) No 601/2012	1000	16600	0	0	
Failure to notify changes to the monitoring plan and to update the monitoring plan in accordance with Articles 14 to 16 of Regulation (EU) No 601/2012	0	0	0	0	
Failure to submit a verified emissions report in due time	1000	16600	0	0	
Failure to submit an improvement report(s) in accordance with Article 69 of Regulation (EU) No 601/2012	0	0	0	0	
Failure to provide the verifier information in accordance with Article 10 of Regulation (EU) No 600/2012	0	0	0	0	
The verified emissions report is found not to be in line with Regulation (EU) No 601/2012	1000	16600	0	0	
Failure to notify planned or effective changes to capacity, activity levels and operation of an installation by 31 December of the reporting period in accordance with Article 24 of Decision 2011/278/EU	1000	16600	0	0	
Failure to notify planned changes in the nature of activity without due delay which could lead to the permit adjustment	1000	16600	0	0	
Failure to submit a verified activity data report by 31. december in accordance with Article 21(5) of the amended Act. No 414/2012 Coll. on emissions allowance trading	1000	16600	0	0	

**11.3. In the table below, please specify infringements incurred and penalties imposed during the reporting period pursuant to Article 16(1) of Directive 2003/87/EC. Add further rows if necessary.**

Type of infringement	Actual penalties imposed			Are there ongoing proceedings related to the imposition of the penalty? Yes/No	Was the penalty executed? Yes/No
	Fines in euros	Imprisonment in months	Other		
				No	Yes

**11.4. In the table below, please provide the names of operators for which excess emission penalties were imposed during the reporting period pursuant to Article 16(3) of Directive 2003/87/EC.**

Installation identification code (50)	Name of operator

(50) Installation identification code recognised in accordance with Regulation (EU) No 389/2013.

#### 11.B. Aircraft operators

**11.5. In the table below, please specify what measures have been taken to ensure that aircraft operators complied with Regulation (EU) No 601/2012 and with Regulation (EU) No 600/2012. Add further rows if necessary.**

Measures taken	Yes/No
Spot checks and inspection of the implementation of and compliance by aircraft operators with the monitoring plan and Regulations (EU) No 601/2012 and (EU) No 600/2012	yes
Regular meetings with aircraft operators and/or verifiers	no
Ensuring that selling of emission allowances is prohibited in the case of irregularities	yes
Publishing the names of aircraft operators that are not in compliance with Regulation (EU) No 601/2012	yes

**11.6. In the table below, please state the penalties for infringements of Regulation (EU) No 601/2012, Regulation (EU) No 600/2012 and national law pursuant to Article 16(1) of Directive 2003/87/EC. Add further rows if necessary.**

Type of infringement	Fines in euros		Imprisonment in months		Other
	Min	Max	Min	Max	
Failure to hold a monitoring plan approved by the competent authority	1000	16600	0	0	-
Failure to submit supporting documentation in accordance with Article 12(1) of Regulation (EU) No 601/2012	0	0	0	0	-
Failure to monitor in accordance with the approved monitoring plan and Regulation (EU) No 601/2012	1000	16600	0	0	-

Type of infringement	Fines in euros		Imprisonment in months		Other
	Min	Max	Min	Max	
Failure to implement the procedures required by Regulation (EU) No 601/2012	0	0	0	0	-
Failure to notify changes to the monitoring plan and to update the monitoring plan in accordance with Articles 14 to 16 of Regulation (EU) No 601/2012	1000	16600	0	0	-
Failure to correct discrepancies in the reported completeness of flights	0	0	0	0	-
Failure to submit a verified emissions report in due time	1000	16600	0	0	-
Failure to submit an improvement report(s) in accordance with Article 69 of Regulation (EU) No 601/2012	0	0	0	0	-
Failure to provide the verifier information in accordance with Article 10 of Regulation (EU) No 600/2012	0	0	0	0	-
The verified emissions report is found not to be in line with Regulation (EU) No 601/2012	1000	16600	0	0	-
The verified tonne-kilometre report is found not to be in line with Regulation (EU) No 601/2012	1000	16600	0	0	-

**11.7. In the table below, please specify infringements incurred and penalties imposed during the reporting period pursuant to Article 16(1) of Directive 2003/87/EC. Add further rows if necessary.**

Type of infringement	Actual penalties imposed			Are there ongoing proceedings related to the imposition of the penalty? Yes/No	Was the penalty executed? Yes/No
	Fines in euros	Imprisonment in months	Other		
				Yes/No	Yes/No

**11.8. In the table below, please provide the names of aircraft operators for which excess emission penalties were imposed during the reporting period pursuant to Article 16(3) of Directive 2003/87/EC.**

Aircraft operator identification code (51)	Name of aircraft operator

(51) Aircraft operator identification code recognised in accordance with Regulation (EU) No 389/2013.

**11.9. What measures would have to be taken in your Member State before your Member State would request an operating ban from the Commission in accordance with Article 16(10) of Directive 2003/87/EC? Please specify below the types of measures.**

If a serious violation of AO's obligations occurs, MoE has to get in touch with the AO and call for corrective measures. If there is no constructive measures taken from AO side, MoE may impose fines in accordance with Article 28 of Act No 414/2012 Coll. on emission allowance trading. If there is no meaningful action taken after imposing the fines and it's obvious that the enforcement process has failed, MoE may request the Commission to decide on the imposition of an operating ban on the aircraft operator concerned.

## 12. The legal nature of emission allowances and fiscal treatment

**12.1. What is the legal nature of an emission allowance in your Member State?**

Commodity

**12.2. What is the accounting treatment of emission allowances in the annual financial report of the companies following the Member State's accounting norm?**

Current financial assets

**12.3. Is VAT due on the issuance of emission allowances? Yes/No**

No

**Is VAT due on transaction of emission allowances on the secondary market? Yes/No**

Yes

**Does your Member State apply the reverse-charge mechanism on domestic transactions involving emission allowances? Yes/No**

Yes

**12.4. Are emission allowances taxed? Yes/No** no

**If yes, please indicate in the table below the type of tax and tax rates that apply. Add further rows if necessary.**

Type of tax	S12_TypeOfTaxRatesApplied-MinTaxRateApplied	S12_TypeOfTaxRatesApplied-MaxTaxRateApplied

## 13. Fraud

**13.1. In the table below, please specify what arrangements are in place concerning fraudulent activities related to the free allocation of allowances.**

Arrangements concerning fraudulent activities	Details of arrangements and procedures in national law
What arrangements, if any, are in place for operators, aircraft operators or third parties to raise concerns over potentially fraudulent activity regarding the free allocation of allowances?	none
What arrangements are in place for the investigation of concerns over potentially fraudulent activity regarding the free allocation of allowances?	none
What arrangements are in place for prosecution of fraudulent activity related to the free allocation of allowances?	none
In the event of prosecution for fraudulent activities, what are the maximum penalties? Please describe fines and imprisonment terms.	All fraudulent activities are treated in accordance with valid penal code of the Slovak Republic.

**13.2. In the table below, please specify what arrangements, if any, are in place so that competent authorities involved in the implementation of EU ETS are made aware of fraudulent activities.**

Arrangements concerning the communication of fraudulent activities to the competent authority	Details of arrangements and procedures
What arrangements, if any, are in place so that the competent authority is made aware of investigations on fraudulent activities?	none
What arrangements, if any, are in place so that the competent authority is made aware of cases on fraudulent activities brought to court?	none
What arrangements, if any, are in place so that the competent authority is made aware of court cases on fraudulent activities settled out of court?	none
What arrangements, if any, are in place so that the competent authority is made aware of the verdict of court cases on fraudulent activities?	none

**13.3. In the table below, please indicate the following information on fraudulent activities as far as it is known to the competent authority involved in the implementation of EU ETS in your Member State:**

- the number of investigations carried out in the reporting period (including ongoing);
- the number of cases brought to court in the reporting period;
- the number of cases settled out of court without conviction and the number of cases leading to acquittal in the reporting period; and
- the number of cases in the reporting period leading to a conviction that a fraudulent activity was committed.

Information concerning fraudulent activities	Number	Type of fraud or fraudulent activity
Number of investigations carried out		
Number of cases brought to court		
Number of cases settled out of court without conviction and the number of cases leading to acquittal		
Number of cases leading to a conviction that a fraudulent activity has been committed		

**14. Other observations**

**14.1. In the table below, please provide details of any other issues that give rise to concerns in your Member State, or any other relevant information you would like to provide.**

Section	Other information or issues of concern concerning
General	CO2 is transferred out of the installation SK79 and used to produce precipitated calcium carbonate, in which the used CO2 is chemically bound.
CommentsSection2_1	
CommentsSection2_2	
CommentsSection2_3	
CommentsSection2_4	
CommentsSection3_1	
CommentsSection3_2	
CommentsSection3_3	
CommentsSection4_1	
CommentsSection4_2	
CommentsSection5_1	
CommentsSection5_2	
CommentsSection5_3	
CommentsSection5_4	
CommentsSection5_5	

<b>Section</b>	<b>Other information or issues of concern concerning</b>
CommentsSection5_6	
CommentsSection5_7	
CommentsSection5_8	
CommentsSection5_9	
CommentsSection5_10	
CommentsSection5_11	
CommentsSection5_12	
CommentsSection5_13	
CommentsSection5_14	
CommentsSection5_15	
CommentsSection5_16	
CommentsSection5_17	
CommentsSection5_18	
CommentsSection5_19	
CommentsSection5_20	
CommentsSection5_21	
CommentsSection5_22	
CommentsSection5_23	
CommentsSection5_24	
CommentsSection5_25	
CommentsSection5_26	
CommentsSection5_27	
CommentsSection6_1	
CommentsSection6_2	
CommentsSection6_3	
CommentsSection6_4	
CommentsSection6_5	
CommentsSection6_6	
CommentsSection6_7	
CommentsSection6_8	
CommentsSection6_9	
CommentsSection6_10	
CommentsSection7_1	
CommentsSection7_2	
CommentsSection7_3	
CommentsSection8_1	
CommentsSection8_2	
CommentsSection8_3	
CommentsSection9_1	
CommentsSection10_1	
CommentsSection10_2	
CommentsSection10_3	
CommentsSection11_1	
CommentsSection11_2	
CommentsSection11_3	
CommentsSection11_4	
CommentsSection11_5	

Section	Other information or issues of concern concerning
CommentsSection11_6	
CommentsSection11_7	
CommentsSection11_8	
CommentsSection11_9	
CommentsSection12_1	
CommentsSection12_2	
CommentsSection12_3	
CommentsSection12_4	
CommentsSection13_1	
CommentsSection13_2	
CommentsSection13_3	

**14.2. Have you addressed all one-off questions in this questionnaire and updated the responses to those questions where relevant? Yes/No**

yes