Status of ratification of the three amended Protocols and implementation of new requirements resulting from amended Protocols in the Slovak Republic

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Content

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- Harmonisation with requirements from amendment of the Gothenburg Protocol
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  - VOCs
- Harmonisation with requirements from amendment of the POPs Protocol
  - PCDD +PCDF (dioxins, furanes)
- Harmonisation with requirements from amendment of the Protocol on Heavy Metals

- Conclusion
Status of ratification of 3 amended Protocols

• The legislative process of the ratification of the amendment of the Gothenburg Protocol and the POPs Protocol is complete in the Slovak Republic.

• the instruments of ratification for both Protocols were signed by the President of the Slovak Republic and deposited with the Depositary.

25th May 2017

• The legislative process of the ratification of the amended Protocol on Heavy Metals is currently prior to approval by the National Council.

• after approving there shall be signed by the President of the Slovak Republic and subsequently shall be deposited with the Depositary.
Harmonisation with requirements from amendment of the Gothenburg Protocol

- The implementation of the amended GP Protocol is provided through EU legislation.
- So far, The Slovak Republic has been in compliance with the GP.

- Requirements for emission limits (listed in annexes of the GP) have been incorporated into our national legislation and
- have been implemented in accordance with the EU Directive 2010/75/EU on industrial emissions:

- We have set emission limit values (ELV):
  - for large combustion plants (LCP)
  - waste incineration
  - for installation using organic solvents
Harmonisation with requirements from amendment of the Gothenburg Protocol

• Reduction of particulate matters from stationary sources
  - We have set ELV: for dust - from lime production, sinter plants, primary iron and steel production, iron foundries, non-ferrous metal processing, glass production, pulp production
    for combustion plants with rated thermal input > 1 – 50 MW
  
  ! Issue: to achieve a reduction of amount of PM$_{2.5}$ (local heating, automobile transportation) by 2020
    We have to find out additional measure

• We also have set ELV for the following sources, as:
  - Reduction of emissions of sulphur (SO$_2$) from stationary sources
    - from sulphur recovery units in refineries and for sulphur content of gas oil
  - Reduction of emissions of nitrogen oxides (NO$_x$) from stationary sources
    - from cement production, stationary engines, iron ore plants, nitric acid production
Harmonisation with requirements from amendment of the Gothenburg Protocol, VOCs

• Reduction of emissions of Volatile Organic Compounds from stationary sources

*We are providing through the Directive of industrial emissions and BAT conclusions.*
*This measure will ensure to fulfillment of all obligations in the country.*

ELV from:
- adhesive coating (footwear manufacture and other)
- coating activities (vehicle industry, other coating activities) : metal, textile, film, plastic, paper, wooden - surfaces and leather ) dry cleaning, manufacturing of coatings, printing activities, surface cleaning,
- vegetable oil and animal fat extraction and oil refining, impregnation of wood, storage and distribution of petrol

*We have set the maximum VOCs content for paints and varnishes and for vehicle refinishing products.*
Harmonisation with requirements of the POPs Protocol and the Protocol on Heavy metals

**POPs Protocol**
- ELV for PCDD+PCDF (dioxins, furanes)
- from waste incineration and iron sinter plants

**Protocol on Heavy metals**
- set emission limit values for dust, from primary and secondary iron and steel production, iron foundries, cement industry, glass industry
- We also apply the BAT conclusions and EU Directive 2010/75/EU on industrial emission
Conclusion

The Slovak Republic has transposed all emission limit values (ELV) into its environmental law since 1st January 2013 as well as they are set in the amendments of the Gothenburg Protocol, POPs Protocol and ELV from the amendment of the Protocol on Heavy Metals.

- **Current situation in Slovakia**
- we have started to working out a new **Strategy on Air Pollution**
- It should include few items, as:
  - **The National Pollution Control Program**
  - **The Strategy to improve the Air Quality in the specific areas**
  - **The National Nitrogen budget**
  - **The Re-assessment of Emission Factors**
THANK YOU FOR YOUR ATTENTION!

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