

III. Template to facilitate the submission of examples/good practices of strategies, policies and measures employed to implement obligations under any of the Protocols to the Convention

<p>Country: Slovak Republic</p>	<p>Sector: Energy, households heating, traffic, municipalities</p>
<p>Type of strategy, policy or measure: Strategy for reduction PM10 mass concentration</p>	<p>Level: Implemented on national level</p>
<p>What is the main objective of the strategy, policy or measure? When has it been implemented/or will be implemented?</p> <p>1. Households heating 2. Traffic 3. Soil and other unpaved surfaces 4. Human health 5. Legislation</p>	
<p>Background and driving forces:</p> <p>The Slovak Republic does not fulfill requirements of European Parliament and Council Directive 2008/50 / EC on ambient air quality and cleaner air for Europe. Slovakia, as well as several other European countries, is in the infringement procedure and we risk sanctions from the European Commission.</p>	
<p>Description of the strategy, policy or measure:</p> <p>1. <u>Households heating</u></p> <p>In order to avoid heating households with furnaces using an inappropriate fuels to:</p> <ul style="list-style-type: none"> - ensure 2% electricity-share for heating distribution by using of alternative options (geothermal, solar panels, heat pumps etc.) - support for Sunpower' programme to boost using of solar systems in homes - finance research and development projects to boost using of geothermal water to 	

- generate electricity
- finance substitution of old furnaces with low PM10 production level of heating options
- provide registration and controlling friendly legislative for small installations in households.

Slovak government encourages Slovak inhabitants to improve their flats/houses' energy efficiency by taking advantage of support of the actual EU Operational Programmes for heat cladding of flats.

2. Traffic

In order to reduce PM10 concentration from the traffic to:

- promote of clean and energy-efficient road transport vehicles
- reduce PM10 concentrations from the traffic by introducing road-fee differentiated according to emission classes
- ensure Intelligent Transport Systems in the field of road transport in particular in big cities
- create green zones in areas with higher population density in particular in big cities
- combine fees regimes, effective services of public transport and infrastructure for bikes and other non-motor bikes as well as providing with fuels for ecological vehicles
- introduce step-by-step low-emission criteria for public procurement of vehicles (deliveries, taxis, buses and related services)
- promote using of mobile stations of emission controls in the framework of vehicle technical controls carried out by the police.

According to the Slovak government' environmentally friendly economic-social package in Slovakia, children at the age up to 15 years, students at the age up to 26 years and beneficiaries of old age/disability pension and beneficiaries of social security benefits can make a claim for free of charge train personal transport from 17th November 2014. Public transport choice by mentioned groups of residents helps Slovakia to reduce PM10 concentrations from the traffic.

3. Soil and other unpaved surfaces:

Within the handling of dusty material is needed:

- control of principles and conditions fulfillment laid down for agricultural land use as afforestation of agricultural land undisturbed landscape features such as alleys, windbreaks, soil protection through appropriate measures against erosion, new types of tillage (ie. Green plowing) ec.....
- record and control of observance conditions construction activity in towns and villages constructing offices
- support for planting of greenery

4. Human health

The information and public education are proposed these measures:

- cooperation of specialized organizations in developing regional studies of the impact of particulate matter on human health in the areas of air quality management
- creation of complex and interactive portal of air pollution in the Slovak Republic with the possibility to filter and combine immission data with meteorological data
- provide educational and information campaign of air quality problems and possibilities for its improvement, including the issue of local furnaces

- creating a handbook of measures to reduce PM10 emissions for villages and towns as the correct practice of using local furnaces (best available technology, preparation of fuel combustion mode)
- providing updated information on air quality in the media, for example announcing the measures and action plans and smog systems at least in the regional media.

5. Legislation

Concerned department in order to meet adopted measures have to:

- update and improve the effectiveness of measures air quality action plans in the areas of air quality management
- make more restrictive the requirements for the production of non-metallic mineral products as well as the combustion of the fuel energy-related equipment
- legislative support and guide the creation of so-called “low emission zones” in the towns
- increase the powers of municipalities as a body of air protection in the control of local furnaces.

Costs, Funding and Revenue allocation:

Not have been evaluated

Effect and impacts on air pollution abatement:

Meeting requirements the above mentioned strategy helps Slovakia to reduce PM10 emissions from all 5 sectors

References/Further information: *Please provide most relevant sources for information such as references for web links, books, other resources.*

http://www.minzp.sk/files/oblasti/ovzdušie/ochrana-ovzdušia/dokumenty/strategia_pre_redukciu_pm10.pdf

Contact: *Please insert your contact details below.*

Name: Lubomir Ziak, Katarina Vittekova

Country: Slovakia

Organization: Ministry of the Environment

Address: Nam. L. Stura 1, 812 35 Bratislava, Slovakia

Telephone: Lubomir Ziak:+421 2 5956 2227, + 421 917 872361

Katarina Vittekova +421 2 5956

Email: lubomir.ziak@enviro.gov.sk

Katarina.vittekova@enviro.gov.sk

Additional comments: *Please include any additional information you may wish to provide here.*