



Utilization of EU funds for air protection

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2014-2020 European Union fund investment action programme

**5 priority: „Environmental protection, sustainable use of
natural resources and adaptation to climate change“**

Investment priority Nr. 6

Promotion of measures for improvement of urban environment,
abandoned urban and industrial zone cleaning and restoration, **air**

pollution and noise abatement

Task under investment priority

Abatement of particulate matter in urban air and impact on
human health and environment from chemicals in soil



Financial sources

EU structural funds (cohesion fund): 8,109,361 €

National funds (municipality budget): 1,431,063 €

Total: 9,540,424 €

Project applicants: Municipalities of 5 major cities



Action programme fifth priority implementation measure

Improvement of Ambient Air Quality

Supported activities:

1. Development of ambient air quality management plan
2. Acquisition of street care and cleaning technology (equipment)
3. Public information on possibilities for society involvement in reducing air pollution and improving air quality, as well as information about consequences of irresponsible actions

Aim of the measure

To reduce PM concentration in ambient air of 5 major cities to extent at which PM concentration shall not exceed limit values



Requirements for ambient air quality management plan

Activities must be performed while developing the plan:

- evaluation of urban air pollution level
- determination and evaluation of factors which cause conditions to increase urban air pollution levels to extent at which exceed limit or target values
- studies on available pollution abatement and management measures and expected impact
- suggested reasonable measures for abatement of urban air pollution levels down to the limit and if possible to the target or even lower values in compliance with strategic municipal plans

Ambient air quality management measures should be implemented in municipal strategic development and (or) action plans, approved by municipal council



Requirements for acquisition of street care and cleaning technology (equipment)

Street cleaning machine must have efficiency of particulate matter collection 90% or higher (determined according LST EN 15429-3:2015 standard).

Acquired transport designed for street cleaning are required to be unused (directly from manufacturer) and their engines must be in compliance with requirements of Euro VI (Euro 6) standard or III B stage emission limits.

Applicant must prepare continuity plan for activity in the field were the equipment will be used for upcoming 5 years



Requirements for public information campaign on air quality improvement

Public information campaigns should:

provide society with information about road transport impact on urban air quality and possibilities for public involvement in air quality management;

provide society with information about household fuel combustion impact on air quality and possibilities for public involvement in air quality management and consequences of irresponsible actions concerning household fuel combustion.

Applicant should prepare the measure plan for public information before applying for the project. Plan must contain campaign goals, target audience and scope, information provision tools, expected results and project cost.

Information activities should not promote gender discrimination and should be made accessible for all social groups.



Available funding objects

Direct expenditures:

- street care and cleaning transport or other machines;
- service cost of public information on society involvement in abatement of air pollution levels and air quality improvement also information on consequences of irresponsible actions;
- development cost of ambient air quality management plan preparation and studies necessary to prepare such plans;
- investment project development services;
- technical specification development services .

Indirect expenditure:

- project administration cost in accordance with fixed norm (up 11,35% of total project cost)



Monitoring factors of measure implementation

Monitoring factor	Unit of measurement	Intermediate value (till 2018-12-31)	Final value (till 2023-12-31)
One day average limit value exceedance of PM10 concentration in 5 major cities	Days per year (sum of all 10 monitoring stations)	200	190
Acquired street cleaning equipment	Number	10	50
Developed ambient air quality management plans	Number	3	3
Accomplished ambient air quality improvement public information campaigns	Number	4	4



Status at start of the programme

There was 240 exceedences in year 2015

At 2014 there was 266 exceedences

Main factors of increased PM pollution:

Transport
Fuel burning for heating
Road dust

