















DEVELOPMENT OF AN OPERATIONAL PLAN FOR AIR POLLUTION ABATEMENT IN THE GREATER THESSALONIKI AREA

PROPOSAL OF ALTERNATIVE SOLUTIONS FOR OZONE LEVEL DIMINUATION

In the framework of the vehicle fleet renewal with the datum that conventional technology vehicles by the year 2010 will be at least 20 years old and the conventional technology motor-bikes will be at least 7 years old, two alternative scenarios for the vehicle fleet replacement with modern technology vehicles were examined.

The two following scenarios were examined the:

• Replacement of passenger cars and light commercial vehicles as well as replacement and/or circulation prohibition of two stroke motorbikes.

• Application of intensive control and maintainance moniloring system for passenger cars and light commercial vehicles.

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PROPOSAL OF ALTERNATIVE SOLUTIONS FOR PM 10 LEVEL REDUCTION

The alternative solutions proposed for the achievement of PM10 level limits, are the followings:

- Renewal rate acceleration of Heavy Goods Vehicles fleet

- Greater penetration of Natural Gas for use in Central Heating.

Additional measures for further reductions in the industrial sector gas pollutant emissions were not examined, since PM10 emissions from the industries is expected to be reduced considerably with the penetration of natural gas and the EU directives and relative legislation application.