

## SOME ASPECTS OF MOTOR TRANSPORT ENVIRONMENTAL POLLUTION REDUCING

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To provide an eco-balanced development it's necessary to solve a member of problems dealing with the growth and exploiting of motor transport. Nowadays motor transport is not only one of the main means of cargo and passengers mobility, but also the main source of environmental pollution. The specific graving of motor transport just in the aggregate balance of atmospheric pollution in some cities mount to 60%. Motor transport exhaust gases contain a huge amount of different chemical compounds that expose people's health to danger. Among such harmful substances, that have carcinogenic and mutagenic effects, there are: aromatic carbohydrates, formaldehydes, benzopiren, . the fact, that exhaust gases, getting into the atmospheric layer, can not be dispersed any longer and accumulate in breathing zone, aggravates the situation. In Ukraine the process of environmental problem solution, connected with the volume of the motor transport pollutants. The problem of the roads and road surfacing condition is ment. For example, in Sumy 70% of total road length is found to be in unsatisfactory condition. The condition of the roads influence sufficiently on gas pollution level of the air because of frequent changes in motor working conditions. It is known that carbon, hydrocarbon monoxide are thrown out when idling condition is used, and nitric oxide – when load condition is.

The quantity of motor transport means also influence on roads' condition and volume of harmful pollutants. In Ukraine, the quantity of private cars increased by 150500 and mounted 5260100. simultaneously, the motor transport pollutants increased, on the average, more than by 20000 a year and totalled in 2005 2056000 tonnes (table 1).

**Table 1. Harmful motor transport pollutants, thousand tonnes**

	2000	2001	2002	2003	2004	2005
Sum total of motor transport pollutants	1949,2	1994,7	2026,9	2009,7	2076,9	2056,0
Quantity of private cars, thousand	5109,6	5168,9	5159,1	4987,4	5125,9	5260,1

Thus, the role and significance of motor-car roads I motor transport pollution level reducing cause the necessity of its high transport and exploiting condition providing.