

(3) Prevention of Soil Dust Dispersion from Soil Mining Site or Asphalt Plant

To prevent the dispersion of soil dust from soil mining site or asphalt plant, such equipment as dust collector, sprinkler, enclosure, and tree planting should be introduced to the relevant site. Generally speaking, the site of this kind of facilities have the large area so that the pollution by soil dust can be prevented by these measures for those places where otherwise serious local pollution would be caused.

(4) Installation of Dust Collector

This countermeasure contributes to solve the problem with the facilities which have already violated the existing emission standard on dust or have been discharging soots.

(5) Supply of Low-Sulfur Gasoline

To reduce sulfur content in gasoline to 0.01% or less in weight is necessary for securing the function of catalyst introduced for cleaning the exhaust gas from motor vehicles.

9.3.3 Countermeasures for Medium to Long Term

(1) Supply of Reformed Coal

Not only reduction of SO_x and dust emission but also improvement of combustion efficiency can be expected by this countermeasure. For the supplier, to introduce its processing plant is not very difficult in view of technical requirement, because it can be composed of fully domestic products. Consequently the raise of fuel price will stay within a tolerable range, therefore the capital invested for the plant construction can be given back by the excess income originated in rise of coal price.

(2) Reduction of Traffic Volume by Constructing and Innovating Mass Transit System

The new trolley bus system, which has already started preparation work, and a new passenger railway should be accelerated to construct for reducing the motor vehicle traffic volume. At the same time the ordinary public bus system should also be improved to extend the capacity of

transportation and to smooth the traffic flow in the central zone of the City.

(3) Supply of Oxygenated Gasoline

The countermeasure is effective in reducing CO and HC emission from vehicles greatly in spite of fuel cost increment is rather small.

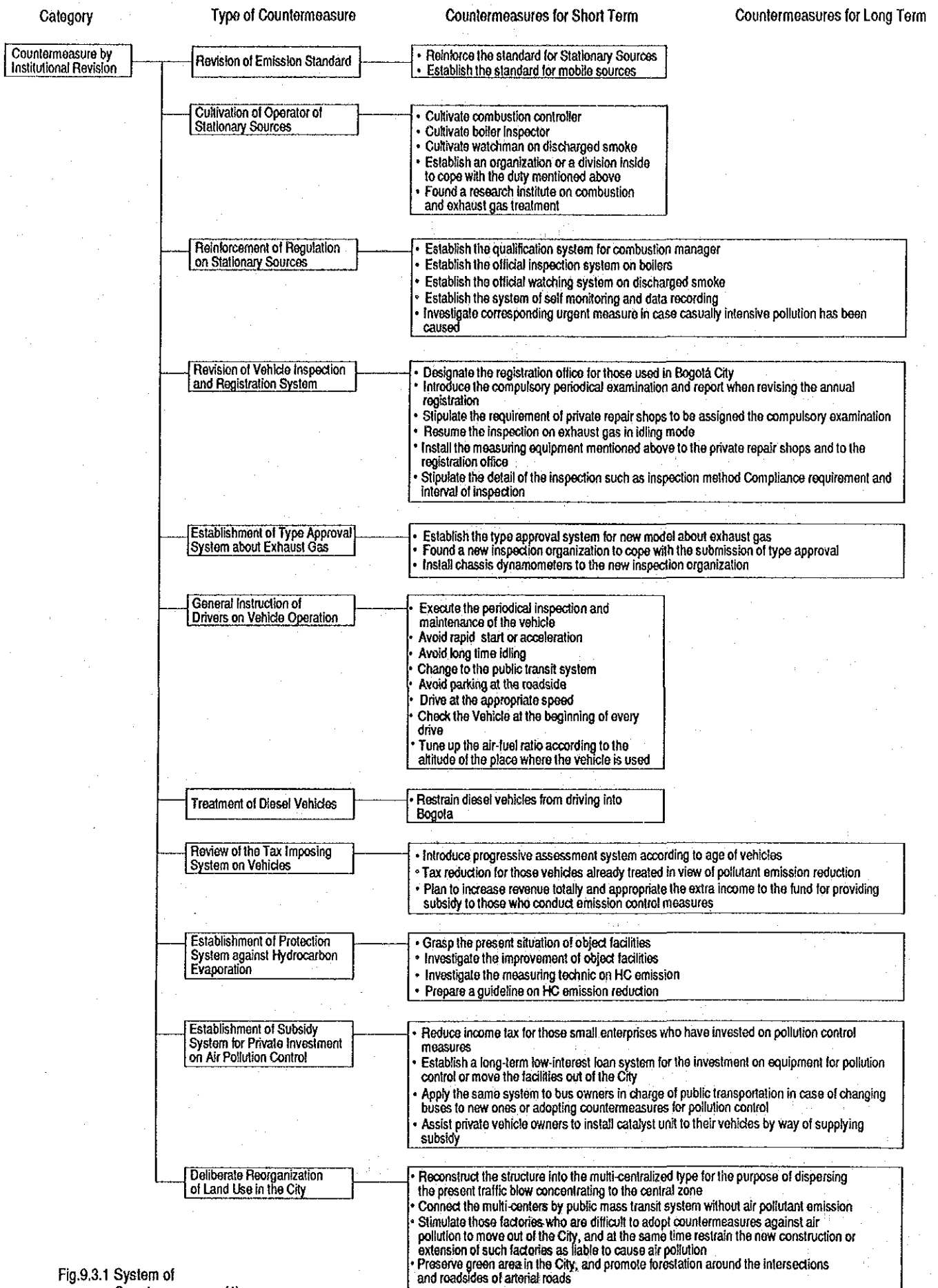


Fig.9.3.1 System of Countermeasures (1)

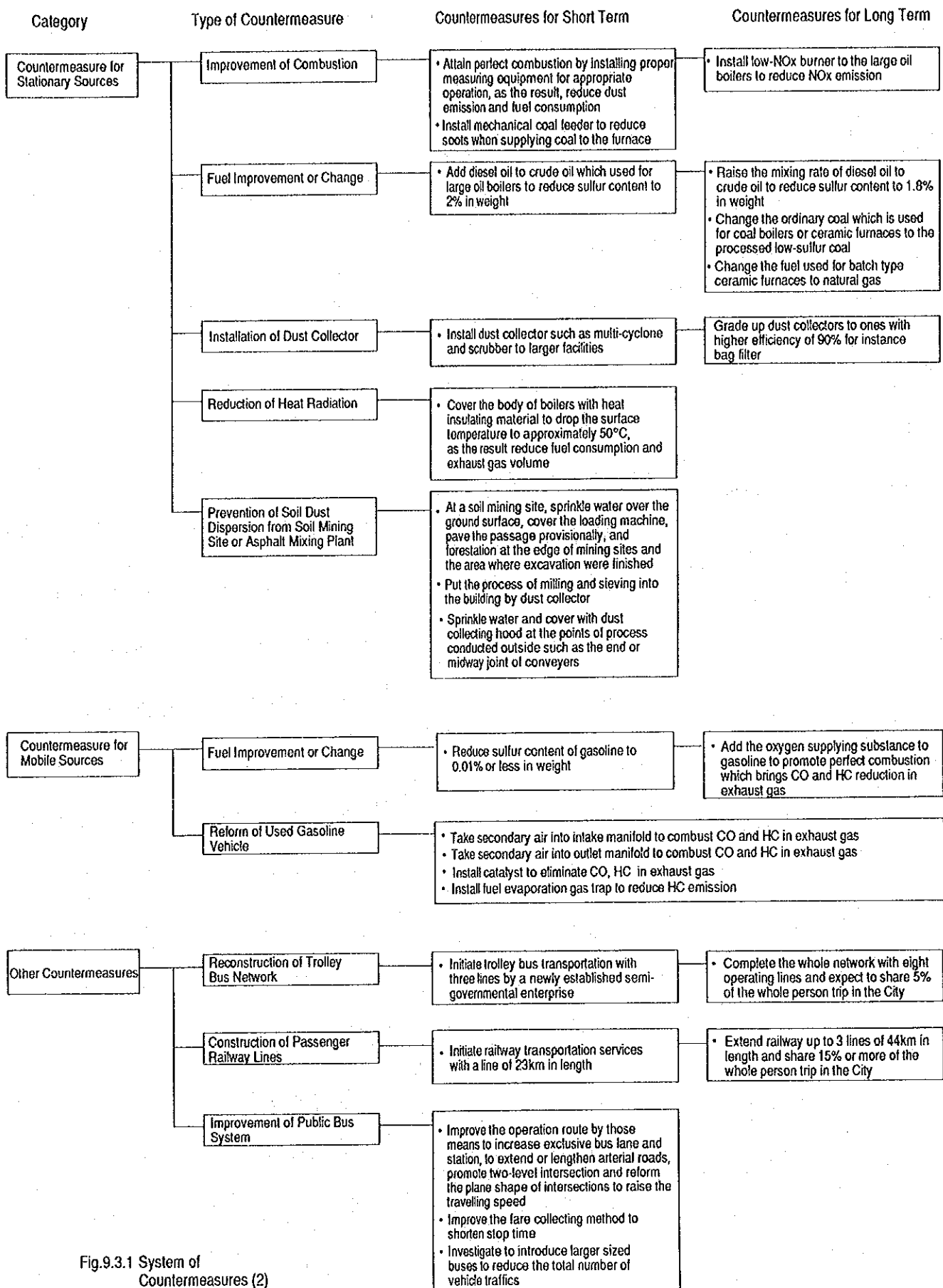


Fig.9.3.1 System of Countermeasures (2)

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61.8
888