



**Islamic Republic Of Afghanistan
Kabul Municipality**



**GREENHOUSE GAS MITIGATION POLICY
SANITATION DEPARTMENT**

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Signature: _____



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1.0 PURPOSE AND OBJECTIVE

Kabul Municipality is committed to sustainability and protecting our environment. The purpose of this policy is to protect the public and Kabul Municipal employees' health by preventing and eliminating exposure to potentially harmful air contaminants in the workplace, including exhaust fumes, and to improve the environment by reducing emissions of Green House Gases (GHG) and toxic air contaminants in the workplace and Kabul City.

2.0 DEFINITIONS:

2.01 Green House Gas

Green House Gases (GHG) are the gaseous components of the atmosphere that contribute to the greenhouse effect. The major natural greenhouse gases are water vapor, carbon dioxide and ozone. Minor greenhouse gases include methane, nitrous oxide, sulfur hexafluoride and halocarbons such as Freon and other CFCs. All GHG can absorb and emit infrared radiation. The orders of their abundance in the Earth's atmosphere are as follows: Any of the atmospheric gases that contribute to the greenhouse effect

Water Vapor which represents 60-70%

- Carbon Dioxide which represents approximately 26%, and
- Methane less than 3% and includes
- Nitrous Oxide
- Ozone

2.02 Mitigation

Mitigation is an activity undertaken to either reduce emissions and/or production of GHG to the atmosphere, or increase removals of GHG from the atmosphere.

3.0 SCOPE:

This policy applies to all of Kabul Municipality's Departments and all citizens of Kabul City who are engaged in any activities that produce and contribute to GHG emissions and a lowering of air quality standards with Kabul City.

4.0 GUIDANCE:

4.1 GENERAL RESPONSIBILITIES:

4.1.01 Buildings in Kabul City shall incorporate cost-effective, and energy- efficient designs.

4.1.02 Kabul Municipality shall encourage energy conservation practices in buildings by raising the public's awareness of clean energy usage.



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4.1.03 Kabul Municipality shall encourage ride-sharing, van-pooling and the use of flex-time schedules by employees to reduce vehicle emissions.

4.1.04 Kabul Municipality shall support voluntary, employer-based trip reduction programs to reduce vehicle emissions.

4.1.05 Kabul Municipality shall reduce greenhouse gases by expanding the use of conservation and alternative energy sources and by reducing vehicle miles traveled.

4.1.06 Kabul Municipality shall reduce pollutants from transportation activities, including the use of cleaner fuels and well maintained vehicles to reduce vehicle emissions.

4.1.07 Kabul Municipality shall encourage an energy-efficient fleet management program for all of its vehicles.

4.1.08 Kabul Municipality shall encourage local purchasing to promote reductions in GHG emissions by the suppliers of its goods and services.

4.1.09 Kabul Municipality shall manage street lighting needs by encouraging lighting standards and using lamps that will assure safe and effective illumination at minimum cost and energy use.

4.1.10 Kabul Municipality shall monitor the efficiency of the pumps in water and sewer systems, and operate and maintain them at peak efficiency. When cost effective options are possible, the one using the least amount of energy shall be preferred.

4.1.11 Kabul Municipality shall implement a solid waste strategy which:

4.1.11.01 Reduces the solid waste stream by recycling and waste reduction measures

4.1.11.02 Investigates ways to convert non-recyclable solid waste to energy, and

4.1.11.03 Promotes the purchase of recycled and recyclable goods

4.1.12 Kabul Municipality shall expand jurisdiction-wide waste diversion services to include, for example, single stream curbside recycling, and curbside recycling of food and green waste.

4.1.13 Kabul Municipality shall reduce GHG emissions at its landfill and city-wide through improved collection management of waste, and reductions in waste generation.

4.1.14 Where and when allowed by the building code, Kabul Municipality shall introduce and encourage the use of building construction materials made from recycled and recyclable materials, provided that the production of said materials does not contribute to an increase in GHG emissions .

4.1.14 Kabul Municipality shall adopt and implement a development pattern that utilizes existing infrastructure where feasible.

4.1.15 Kabul Municipality shall redirect new growth into existing city/urban growth areas.



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4.1.16 Whenever possible, urban development should occur only where urban public facilities and services exist or can be reasonably made available.

4.1.17 Kabul Municipality shall actively publicize energy conservation actions and its policies to raise public awareness of the value of clean and efficient energy use to reduce GHG emissions.

3.1.18 Kabul Municipality shall promote and expand recycling programs, purchasing policies, and employee education to reduce the amount of waste produced by Kabul Municipal offices and its operations.

4.1.19 Kabul Municipality shall collaborate with local energy suppliers and distributors to establish energy conservation policies and programs, including increasing public awareness of climate change and climate protection challenges.

3.1.20 Kabul Municipality shall work with local businesses and energy providers on specific, targeted outreach campaigns and incentive programs to promote a reduction in GHG within the City.

4.1.21 Kabul Municipality shall give priority to transportation projects that will contribute to a reduction in vehicle miles traveled per capita and vehicle emissions, while maintaining economic sustainability.

4.1.22 Kabul Municipality shall provide safe and convenient access for pedestrians and bicyclists throughout the City.

4.1.23 Kabul Municipality shall maintain coordination with other agencies in the city to develop and implement effective waste management strategies and waste-to-energy technologies.

5.0 CONSEQUENCES OF VIOLATIONS

Violation of this policy may result in disciplinary action. *Refer to Disciplinary policy of Kabul Municipality*

6.0 POLICY EVALUATION

KM's offices and departments are evaluated to see how effective these polies are in reducing GHG. Kabul Municipality shall monitor and evaluate its offices and departments bi-annually to determine the effectiveness of these policies on mitigating GHG in Kabul, and adjust these policies as required.

7.0 POLICY ENFORCEMENT

The contents of this policy are enforceable after His Excellency the Mayor's approval.