



**Islamic Republic Of Afghanistan  
Kabul Municipality**



# **GREENHOUSE GASES METIGATION STANDARD OPERATING PROCEDURE**

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Signature: \_\_\_\_\_

**References:** [Procedure Working Group Resolution No. # ]

**Definitions:** The following definitions apply to this Standard Operating Procedure:

**Green House Gas (GHG)** is 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 order of their abundance in the Earth's atmosphere is as follows: Any of the atmospheric gases that contribute to the greenhouse effect.

**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.

**Applicability:** This Standard Operating Procedure applies to all activities in the Kabul Municipality having an impact on the environment.

**Policy:** 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.

**Procedures:**

1. Establish desire and motivation to mitigate Greenhouse gases (GHGs)
  - Become knowledgeable about the following
  - Problem of GHG emissions and climate change
  - Role of utilities in causing/addressing the problem
  - Other utilities mitigation activities
  - Regulations and policy
2. Create an emission of baseline GHGs
  - Choose an implement an inventory protocol stringent enough to satisfy future regulations
  - If inventorying takes considerable time, create a rough emissions estimate to facilitate the next planning steps
3. Set goals (target amounts) for GHG mitigation
  - To decide on a goal, review
  - Organizational baseline emissions estimate

- Organizational motivations for mitigating
  - Mitigation goals set by other utilities and businesses
  - Targets set by existing climate change policies
4. Identify relationships for collaborative mitigation projects
    - Identify organizations (especially within the utility sector) with potentially similar mitigation goals
    - Coordinate with other organizations if common interests exist in implementing a project
  5. Delineate and categorize a list of mitigation alternatives
    - Use a brainstorming process and mitigation options presented
  6. Evaluate the alternatives and select one or a set of alternatives

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