

Environmental Management System - Air Program

Miguel Diago ^{*1, a}, Jenny Diaz, ^{2, b}, David Diaz ^{3, c}

¹*Universidad del Rosario, Vice-rector, Bogotá, Colombia*

²*Universidad del Rosario, Sustainability Coordinator, Bogotá, Colombia*

³*Universidad del Rosario, Director of campus, Bogotá, Colombia*

^amiguel.diago@urosario.edu.co, ^bjenny.diazp@urosario.edu.co, ^cdauidal.diaz@urosario.edu.co

Abstract. Universidad del Rosario is a private institution founded in 1653, located in Bogotá, Colombia. The University has a total number of 13,000 students in three campuses around the city. The main campus is an urban campus in the city center comprising historical buildings; the second campus is in the middle of a residential area; and the third campus is in the outskirts of the city. The University understands that our activities must be socially fair, economically viable and environmentally safe, and that we are responsible for preserving the environment for future generations in a city that does not offer good public transportation.

In this sense, within the framework of the environmental management system (EMS), we have established six (6) programs of environmental management: solid waste, water consumption, energy, air, flora-fauna and education. Each one of these programs makes use of a group of strategies aiming to prevent, mitigate, correct, control or compensate any potential and generated impact, covering social, environmental and economic variables.

The objective of the air program is to implement strategies that seek to improve air quality in the areas of influence of the University by reducing the consumption of fuel and encouraging the local community to use alternative means of transportation such as: walking, bicycles, carpooling, public transportation and reducing the use of private cars which are widely used in Bogotá.

Keywords: Sustainability, Historical Center, Mobility, Bicycles.