Green Filters in Latin American

Final Conference, Guadalajara, Pihuamo Lake Chapala, Mexico

14 - 16 November 2018

Pollution is a major threat to water bodies in Latin America and worldwide. In almost all developing countries, a significant volume of wastewater flows untreated into rivers, lakes and lagoons. This situation jeopardizes the ecological balance of aquatic ecosystems as well as being a severe risk to the living conditions of many communities. Rural areas are particularly vulnerable as they depend on the use of surface water being exposed to inadequate sanitary and hygienic conditions due to sewage pollution.

The lack of efficient technologies and structures for wastewater treatment adapted to the rural reality, led to the implementation of the Program **Innovative Wetlands (Green Filters) program as a cost-effective measure to improve the water and living conditions of the rural population in four Latin American countries.** In 2016, in Colombia, Mexico, Paraguay and Nicaragua, with the support of the German Federal Ministry for Economic Cooperation and Development (BMZ), the company Alfred Kärcher SE & Co. KG, Global Nature Fund (GNF) and the local organizations Fundación Humedales, Instituto Corazón de la Tierra, Fundación Moisés Bertoni and Fundar, activities began.

The implementation of Green Filters is a sustainable, feasible and very successful solution for wastewater treatment based on the natural processes of pollutants degradation without the use of machinery or chemicals. This technology and its advantages have been successfully tested in eleven different communities in Latin America, giving continuity to previous experiences carried out in Colombia since 2013. All together, these measures have significantly improved the living conditions of more than 4,000 people, providing communities with the skills, knowledge and equipment necessary for the maintenance and self-sufficient development of wastewater treatment units.

In order to share the results, present this alternative as a solution to the challenge of wastewater treatment and discuss the present and future of integrated water resource management in an atmosphere of international institutional interaction, a Final Conference of the Program will be held on 14th, 15th and 16th November, in Guadalajara, Pihuamo and Chapala (Mexico) with the participation of municipalities, environmental authorities, public service providers and the private sector. We invite you to join us!

To confirm attendance and/or request more information, please contact:

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