

ABSTRACT

For Thematic Science Results

Treatment and reuse (in urban agriculture and green areas) of wastewater in the city of Lima - Perú

The paper will presents the results of the inventory and characterization of 37 experiences of wastewater treatment and use in the city of Lima that were identified and analyzed as part of the research being conducted in Lima through the SWITCH City Study. The research was carried out by a multi-institutional group led by the institutions responsible for the SWITCH Project in Lima: IPES and the Ministry of Housing, Building and Sanitation.

The assessment used information regarding the geographical location of the experiences, their scope and size, the technologies used for treatment and the quality of the treated wastewater, the activities in which the treated wastewater is used, the stakeholders involved in the experiences and their roles, in and contributions to, implementation and management. Next to drawing main conclusions on these experiences, the main topics on which the SWITCH Lima project is undertaking research are given. In addition, the paper will present how the results of the information obtained in this research will be used, as part of the Lima Learning Alliance to develop a national regulatory and legal framework to promote and implement systems for the treatment and reuse of wastewater.