

SUSTAINABLE MANAGEMENT OF WATER AND SANITATION FOR HUMAN SETTLEMENTS



THE PROJECT

For 12 months, since July of 2019, Latinka e.V (German NGO) and Ficus Peru (Peruvian NGO) have developed the project “Sustainable Management of Water and Sanitation for Human Settlements.”

It is a collaborative project carried out by Peruvian and German specialists, the local population, and local officials to determine and implement an eco-efficient solution that improves the management of water and sanitation in Monte de Israel and can be replicated in other human settlements otherwise known as slums in Peru.

Why is it important?

The global urban population is growing. One third of the total population of Peru resides in Lima, the capital. Many of the city's residents live in poverty. A recent study by OXFAM states that Lima has 8 million inhabitants, and of these, 1.5 million do not have access to safe drinking water or sanitation. Many of those who do not have a connection to the city's water system are also living surrounded by the lomas fog oasis ecosystem, so it is of the utmost importance to offer alternatives to these populations while protecting this habitat.



Training and Awareness Workshops

The goal of the awareness workshops was to reflect on and discuss water management and sanitation in the settlement. The training workshops enabled the community to make an informed decision about the chosen solution: dry toilets.

With the support of the Municipality of San Juan de Miraflores, a workshop was held for managers and sub-managers to ensure coordinated work between participants. The workshop developed strategies that allow adaptation to climate change in the settlements in the district that do not have potable water or sewage systems.



Dry Bathrooms: a solution to the problem of water and sanitation in the settlements

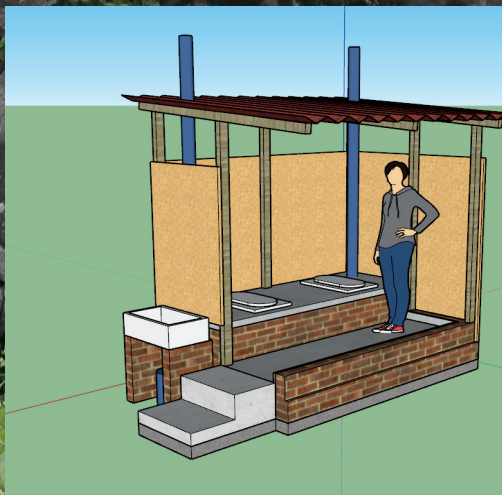


The majority of the population of Monte de Israel use pit latrines and consider the shortage of water and sewerage to be a problem. The pit latrines destabilize the floor and cause contamination; these conditions risk the health and security of the people.

Before this, the technical team identified suitable technology to improve the situation. During this process, they evaluated each of the various technologies' economic, social, legal and technical feasibility.

As a result, the team picked dry toilets. Dry toilets are environmentally friendly, save water and provide safe and healthy sanitation in areas without water or drainage.

Currently, our team is building the dry toilets with the help of the local population and volunteers.





Beneficiaries:

The direct beneficiaries of this project are the residents of Monte de Israel. Since January of 2019, the dry toilets have been constructed in a conjunction with the community to bring this project to life. The settlement is located in Rinconada Alta, San Juan de Miraflores, surrounded by a unique ecological fog oasis (lomas) that must be protected. The community is supplied with clean water from water tank trucks, and does not have a drainage system. 70 families live in the settlement, and the project participants directly worked with 50 of these families (approximately 250 people).

Our team:

Supervisor: Rafael Sanchez (Latinka e.V)

Project Coordinator: Nicole Heise

Workshop Coordinator: Camila Sattler

Technical Team Leader: Diana Cáceres

Technical Team Specialists: Vladimir Leon, Maribel Zapater

Support Technician: Williams Leon, Joaquin Jarama

Communications: Nicolas Lovon

AND AN INCREDIBLE GROUP OF VOLUNTEERS!

Ficus Perú



Ficus is a non-profit NGO founded in 2015. Our mission is to improve the quality of life for disadvantaged Peruvians through sustainable practices. Over the last four years, Ficus has developed and implemented a variety of socio-environmental projects with eco-friendly technologies and practices such as fog catchers, bio-gardens, reforestation, and composting.



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Latinka E.V



Latinka is a German non-profit civil organization founded in 2011 by Latin American immigrants. Latinka e.V puts special emphasis on fostering and supporting educational programs in Latin America for children, young adults, and their parents and encouraging international connection and enrichment through cultural events in the city of Karlsruhe, Germany. The projects are financed through direct donations, partner contributions, and the profits of fundraising events. The organization quickly and directly invests each Euro donated without administrative expenses. Latinka e.V is proud to be part of tenders that promote development related projects.



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Centrum für internationale
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