



Improve toilet infrastructure



User education



Maintenance and repairs

PATENTED, TRIED & TESTED

The Enviro Loo is a well established, internationally awarded, patented, tried and tested water friendly sanitation solution.

The main principle of the Enviro Loo is the separation of waste: evaporation of the urine, and dehydration of the solid waste.

RECOGNISED BY GRN

The Government's National Sanitation Strategy 2010 to 2015 has recognised the Enviro Loo as a suitable dehydration toilet system for use in Namibia.



WATERLESS



ODOURLESS



NON-POLLUTING
NO CHEMICALS



VERY LOW
MAINTENANCE



50
YEARS
LONG TERM
SOLUTION



AFFORDABLE

It's not all about flushing

PROMOTING
WATER FRIENDLY
TOILETS IN
NAMIBIA



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ENVIRO LOO:
HOW IT WORKS AND
TRACK RECORD IN NAMIBIA

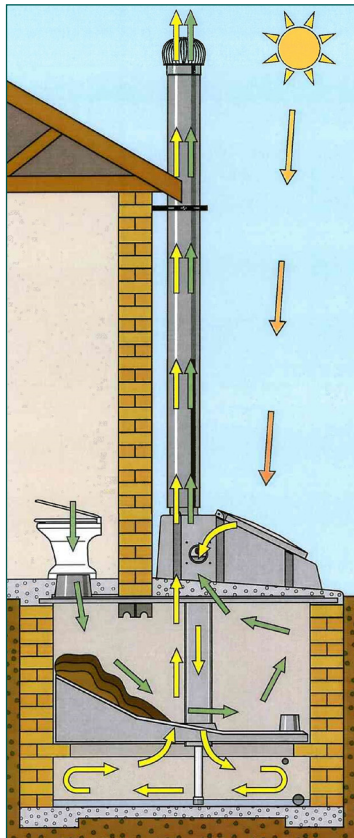


Fransina Lamek, coordinator and user of
Enviro Loo P101, Okahandja Park, Windhoek

HOW IT WORKS

- Urine drains through the drying plate to the bottom of the tank and evaporates. Solids fall onto the reclined drying plate and dry out over time.
- Forced aeration ventilation is created by the sun heating up the waste container and vent pipe, working together with the wind master, side air inlets and air coming in through the toilet pan.
- The high temperature in the waste container assists with the composting process.
- The negative pressure in the container prevents the escape of odour through the toilet bowl or through the air inlet pipes. The odour escapes through the wind master.
- Solid waste is raked to the middle of the drying plate once a month to prevent built up of waste under the toilet pot. Typically once a year, the dry solid waste, now free of pathogens, can be safely removed and disposed of at a location designated by the local authorities.

It is recommended that a local SME service provider be trained and contracted to remove the waste periodically. However, toilet users may prefer to use the dry solid waste as fertiliser, which is a good option.



TRACK RECORD IN NAMIBIA

In Namibia, the Enviro Loo system is successfully used in different environments. Below are some examples:



Tourist travellers are using Enviro Loo at the Twyfelfontein World Heritage site (above) and Bloedkoppie.



Learners are using Enviro Loo at numerous schools in North-Central Namibia.



Mine workers are using Enviro Loo at Langer Heinrich Uranium Mine.

TRACK RECORD IN NAMIBIA

Below are some examples of the Enviro Loo in a domestic setting:



OMURAMBA Impact Investing cc promotes water-friendly sanitation in Namibia.

Sanitation is a basic human right and the lack of access to safe and hygienic sanitation has a serious knock-on effect on basic health conditions, nutrition, productivity and Gender Based Violence.

Omuramba is the sole distributor for Enviro Loo in Namibia, which is manufactured in South Africa by Enviro Options PTY Ltd.

Omuramba and Enviro Options work together to deliver a sanitation service which includes user training, technical support and maintenance.