

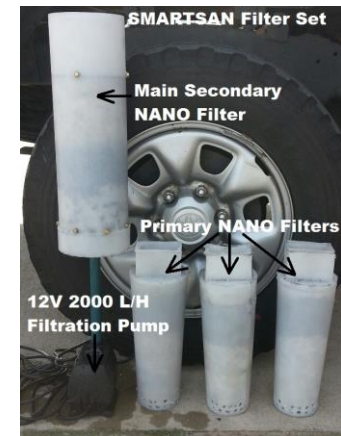
# Nano Water Technologies Africa (Pty) Ltd

## *Introducing SMARTSAN*

- SMARTSAN is a **TOTALLY GREEN**, compact, full water-borne sanitation system, developed and manufactured in South Africa.



## SMARTSAN-N Series Recycle Reactors



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# SMARTSAN Benefits

- Provide a full WATER-BORNE sewer reticulation infrastructure

## Where there are:

- No Conventional infrastructure (Water or Sewer)
- No power connection

## Benefit to end user

- Access to safe, full water-borne, sanitation inside or outside his/her house
- No handling of sewage, in any form, by the beneficiaries

## Water Saving

	Conventional water borne toilet:	NWTA SMARTSAN:
• One family :	<b>32 000</b> liters per year	<b>2 400</b> liters per year
Four Families :	<b>128 000</b> liters per year	<b>2 400</b> liters per year

NB: When kitchen and bath outlet is connected to SMARTSAN unit then the top up amount is reduced to **ZERO litres**.

## Maintenance Programme Required

- Very basic maintenance, that can be executed by trained community members, resulting in job creation.

NB: If no maintenance programme in place, the SMARTSAN will not function as designed



# SMARTSAN Applications

- Government/Private housing projects and GAP housing
- Densely populated informal settlements
- Rural areas, because of the difficulty in installing water-borne sewerage due to topographic factors, or to distances between villages
- Rural schools where no sewer infra-structure available
- Farming communities, for the same reason
- Camp sites, including holiday sites
- Disaster management



# Current *SMARTSAN* Projects

- Private housing development scheme in Namibia
- Government housing scheme in Namibia
- Containerised package plant for hotel group in Mozambique
- Export to Zambia

