



Presentation to

# **National Sanitation Indaba**

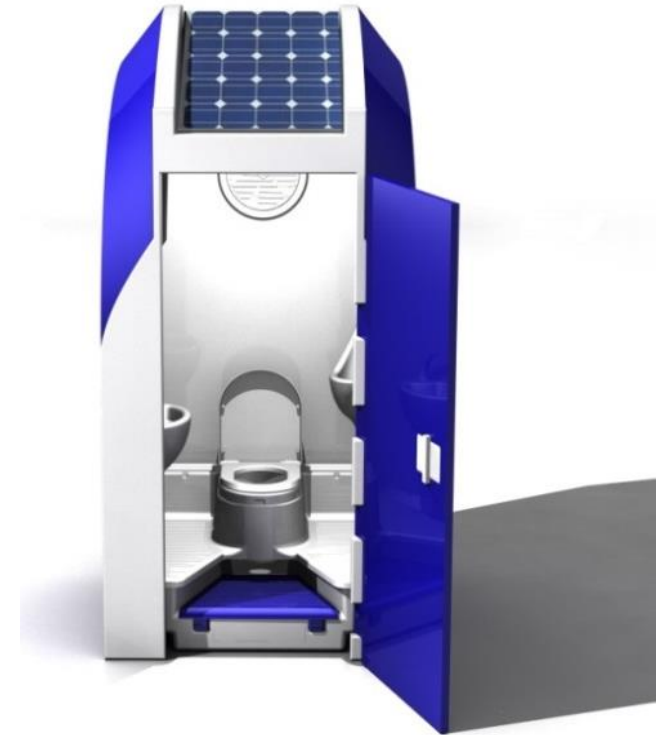
on

## **SavvyLoo**

*"An innovative approach to waterless sanitation"*

# Contents of presentation ...

- Description of Technology
- Why **SavvyLoo** is novel
- Where it can be used
- Challenges:
  - Marketing
  - Scaling-up
  - Appropriateness in different contexts



# The technology ...



**SavvyLoo ...** is a waterless toilet for rural areas and temporary settlements that is designed to ...

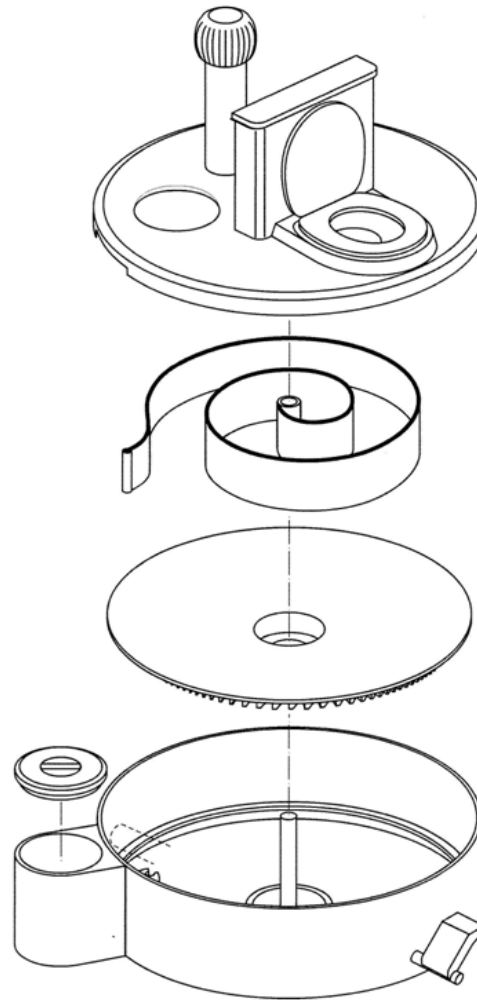
- (i) Separate urine and other liquids from faeces,
- (ii) Desiccate (dries) the faeces, producing a dry bio-solid that can be used in downstream beneficiation such as biogas, compost and energy (1 kg = 1 kWh),
- (iii) Through exposure of faeces to solar heating, it eliminates pathogens

# Novelty ...



- Method of separating urine and other liquids from faeces and other solids (conical disc),
- Ability to desiccate (dry) the faeces, producing a dry bio-solid that can be used for biogas, compost and energy (1 kg = 1 kWh),
- No sludge (avoids any “toxic mix”) or composting – most pathogens are eliminated within 3 days through exposure of faeces to solar heat.

# Novelty ...

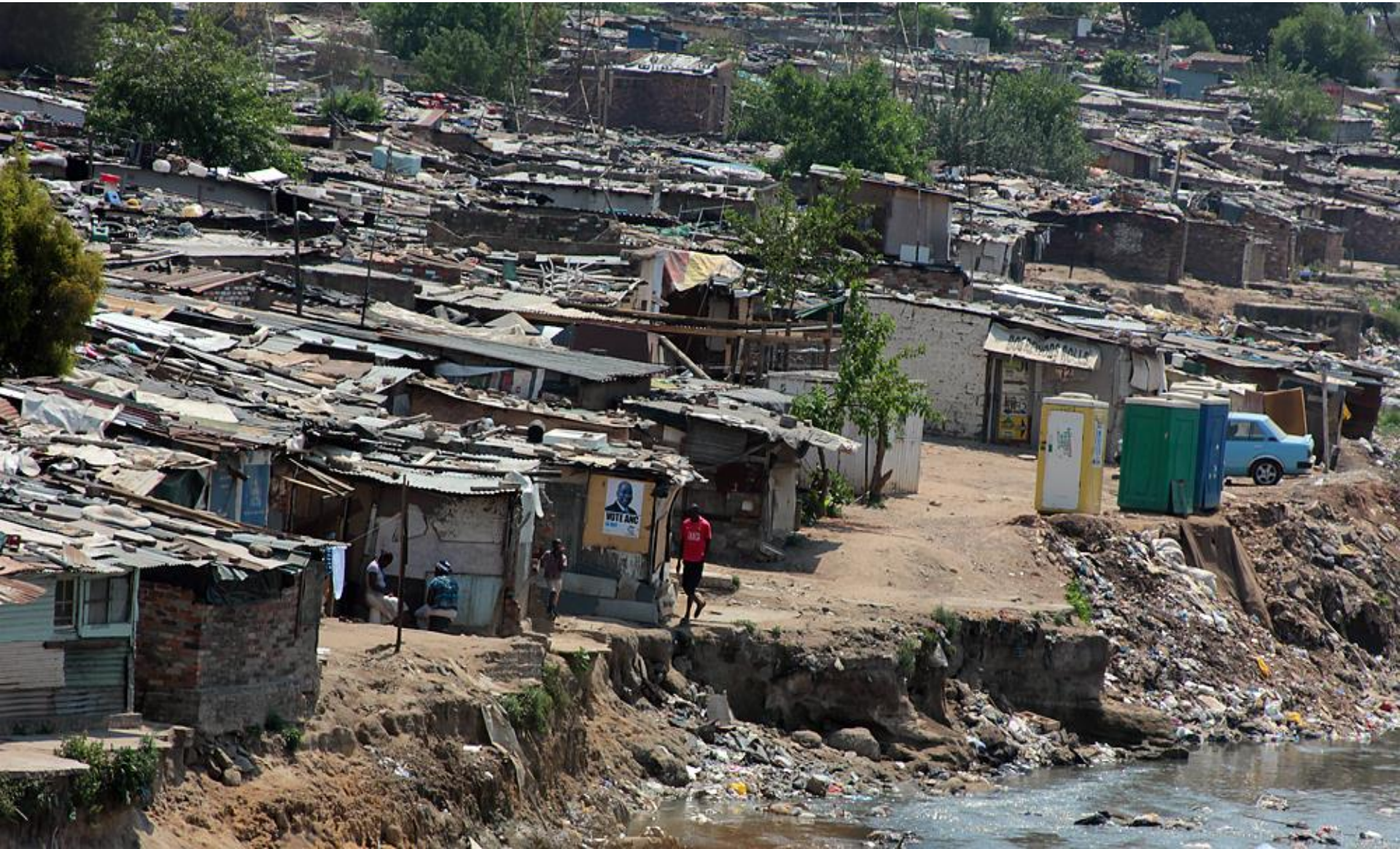


# Where can it be used ...





# Where can it be used ...



# Challenges ...



- Marketing
- Scaling up
- Appropriateness for different contexts
  - Basic sanitation implementing service providers
  - Basic sanitation enablers
  - Private users of waterless/chemical toilets (field operations)
  - Private leasing of waterless/chemical toilets (construction, security, mining companies, “greenies”)





**Thank you**

Some challenges ...

