

FSM5 and AfricaSan5 eKapa February 2019

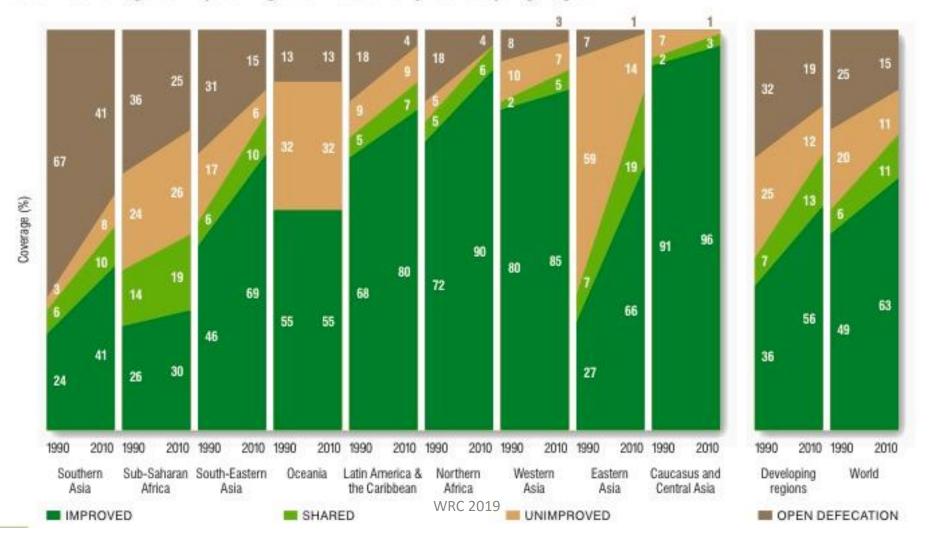


Dhesigen Naidoo

WRC South Africa

The World-wide scorecard is encouraging — in every region of the world.

Sanitation coverage is improving in almost every developing region

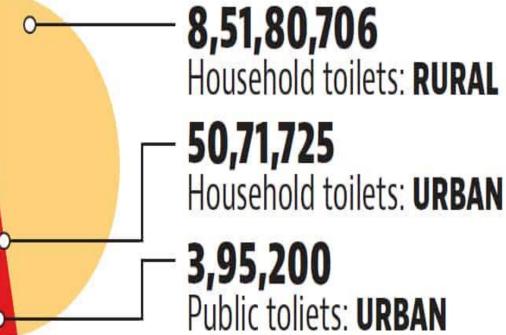




Some claims are ..Wow!!!

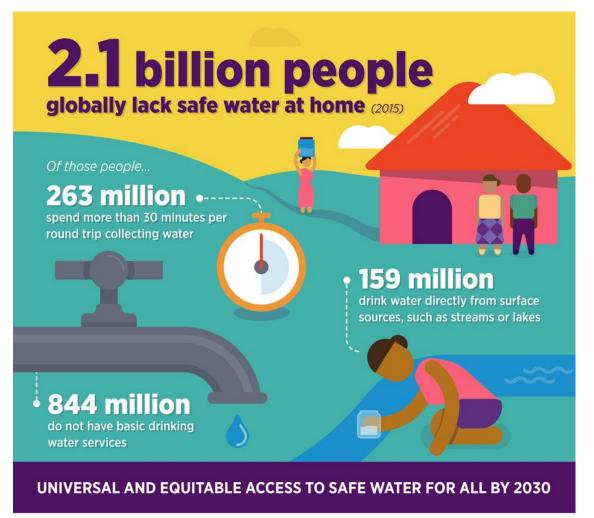


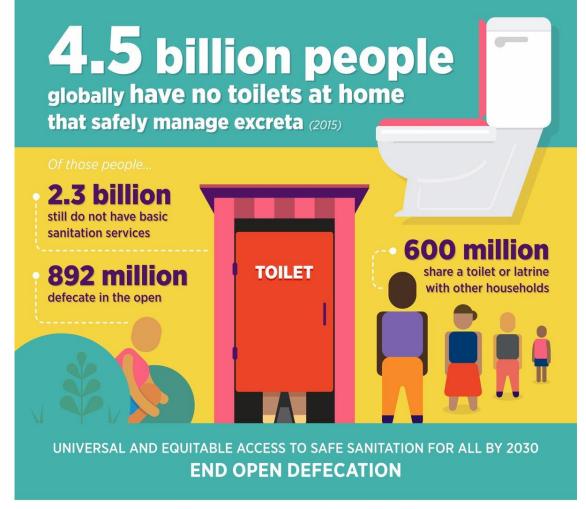
Toillets built



WRC 2019

But, lets acknowledge our global Services, Health and Dignity DEFICITS!!













But, lets acknowledge our global Services, Health and Dignity DEFICITS!!









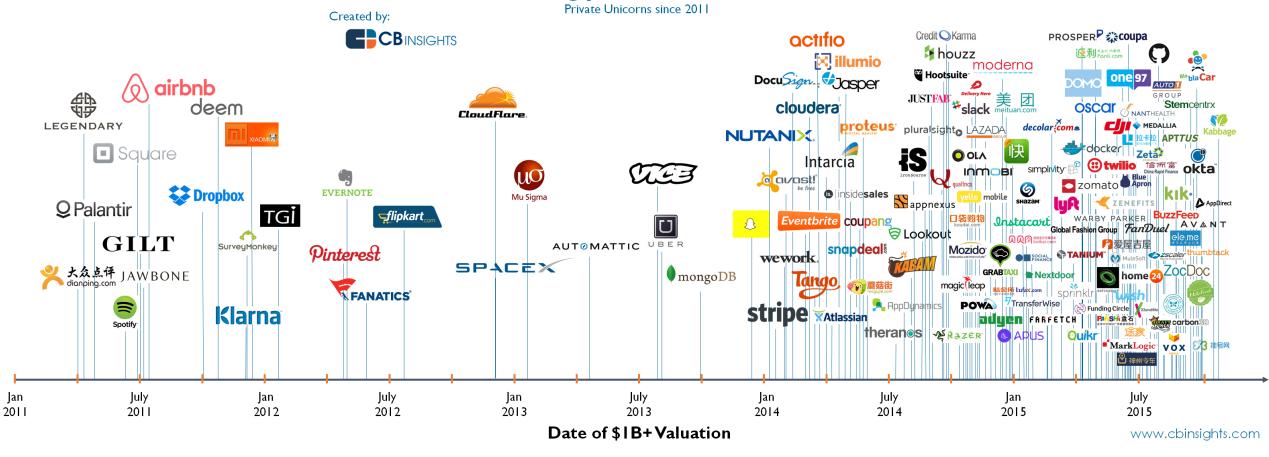




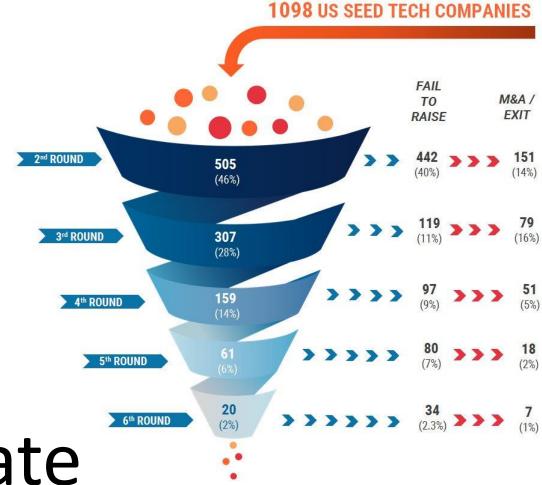
A unicorn is a startup that has a market worth of at least \$1Billion



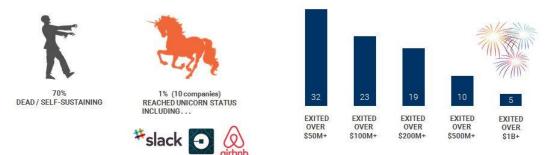
The Increasingly Crowded Unicorn Club



WRC 2019



1% Success Rate



CBINSIGHTS



Sanitation — Is there a Business-Case?

National Industrial Revolution

Town Water Security

SaniTl

SAFE

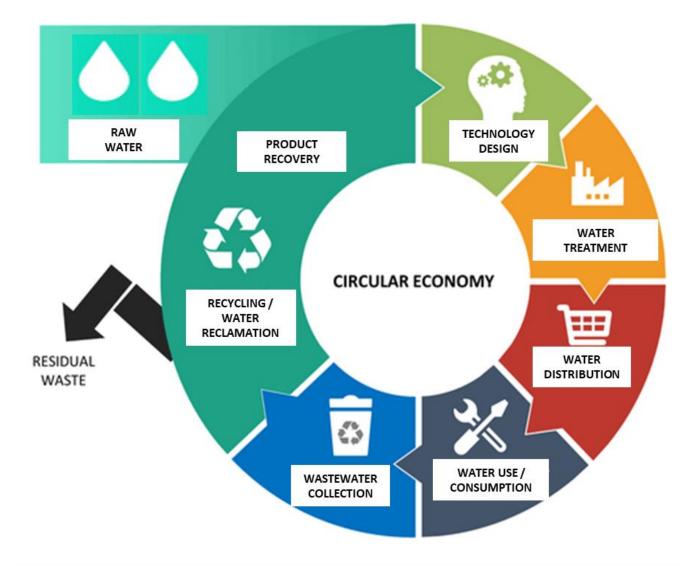
C 2019

New Sanitation Solutions

Low flush Application







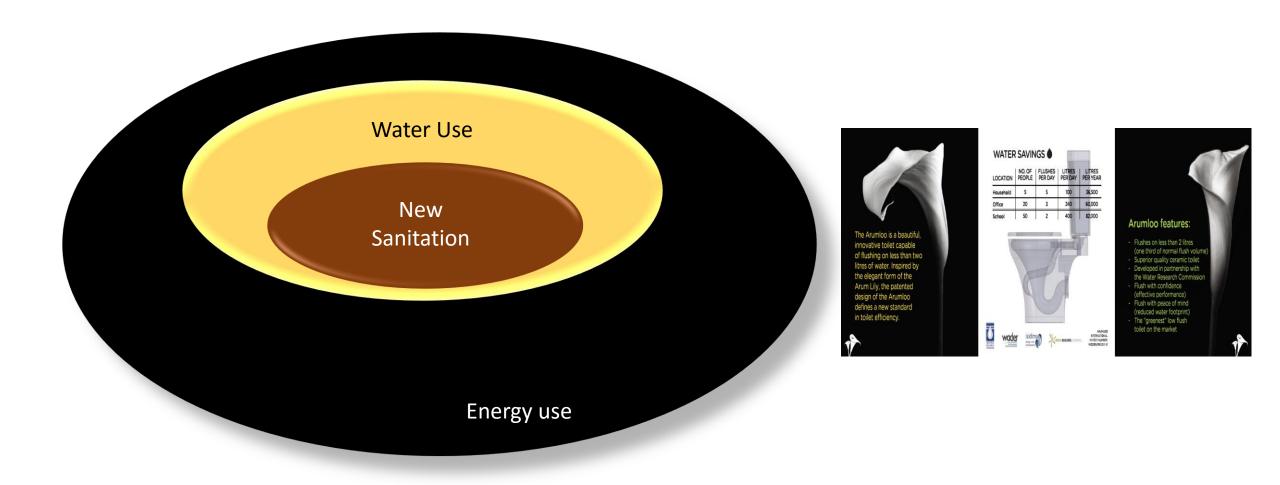
Circular Approach in the Water Sector

The Water and Sanitation sector has the option of an "Industrial Economy Approach"

- Capitalizing on new science, technology and innovation.
- A typical waste as feedstock paradigm with value add and beneficiation.
- Progressive waste minimization.
- Lower water use.
- Turbo-charger mechanism.

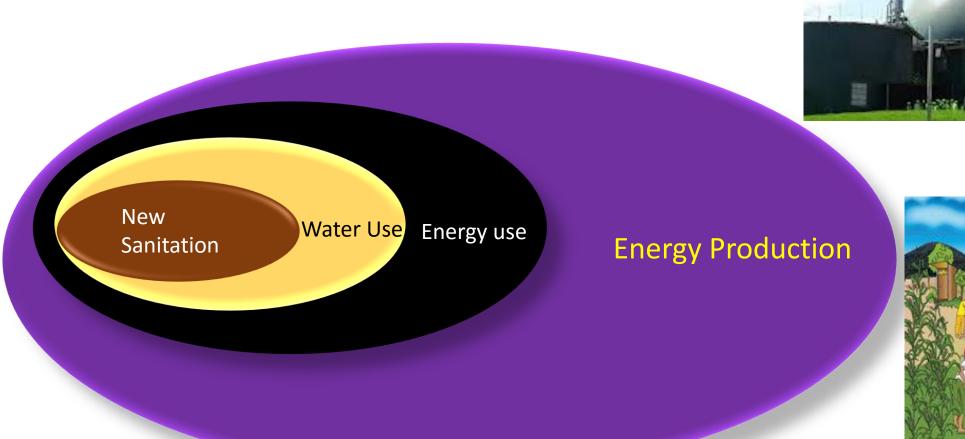
Circular approach - Water and wastewater business cycle

New Sanitation as the nucleus of the New Circular Economy

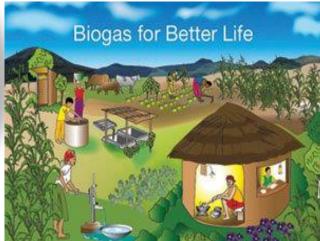


New Sanitation as the nucleus of the New

Circular Economy

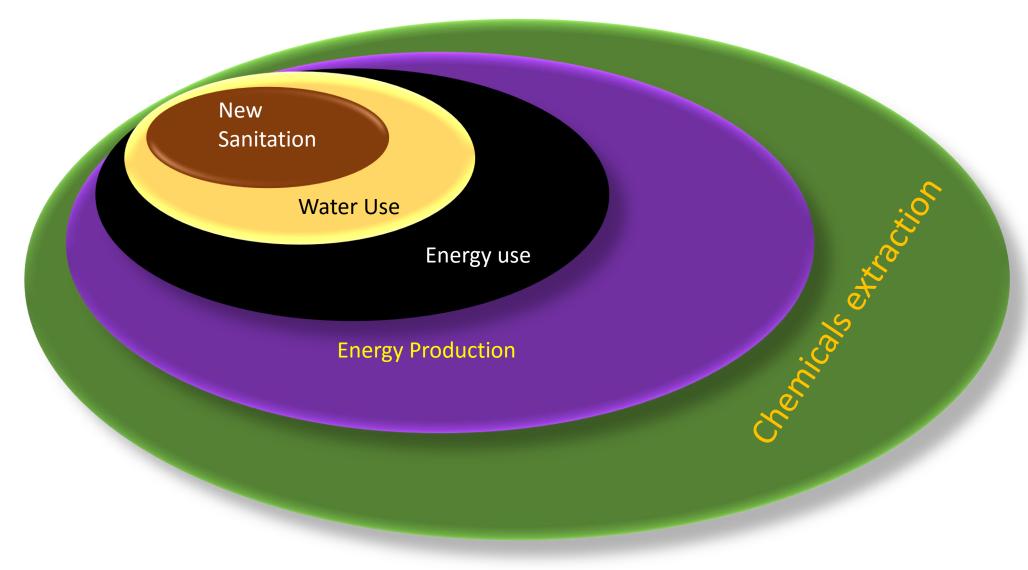




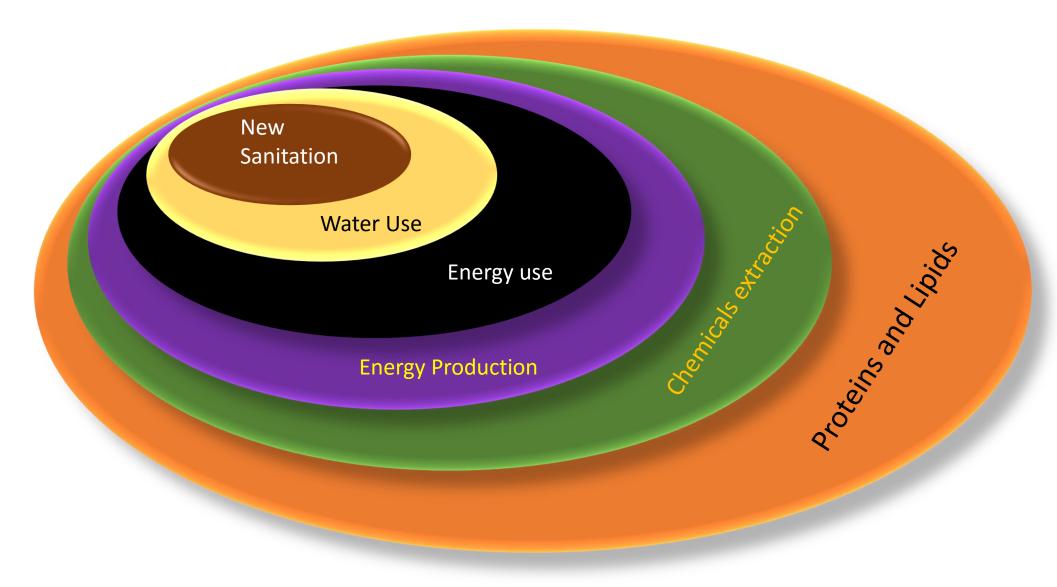


WRC 2019

New Sanitation as the nucleus of the New Circular Economy



New Sanitation as the nucleus of the New Circular Economy





THERE'S GOLD IN THEM THAR PIPES

The new alchemy of human waste

Common published: Chalabore is used retramement Plates, corresponing respons of the sections are be-Commission Control stations, must be and Princetown areast Carnelless. The Frag Process, and the fishword some of the roungnumber Regulated Cine of thousand scionters waste. Altonomic Services and Committee of the require goods! From sorrows with the assessance of an response presente. White do recessioning ground frequent "marching" and toler waste figure over a commencement of the party of the last - And contribute. T



DR SUDHER PELAY. renewanth manager for Superingenium are three Mississer Micrography In Conference Assessed Lin-Processing, engineers, the line.

A STATE OF THE PARTY OF T





WRC 2019

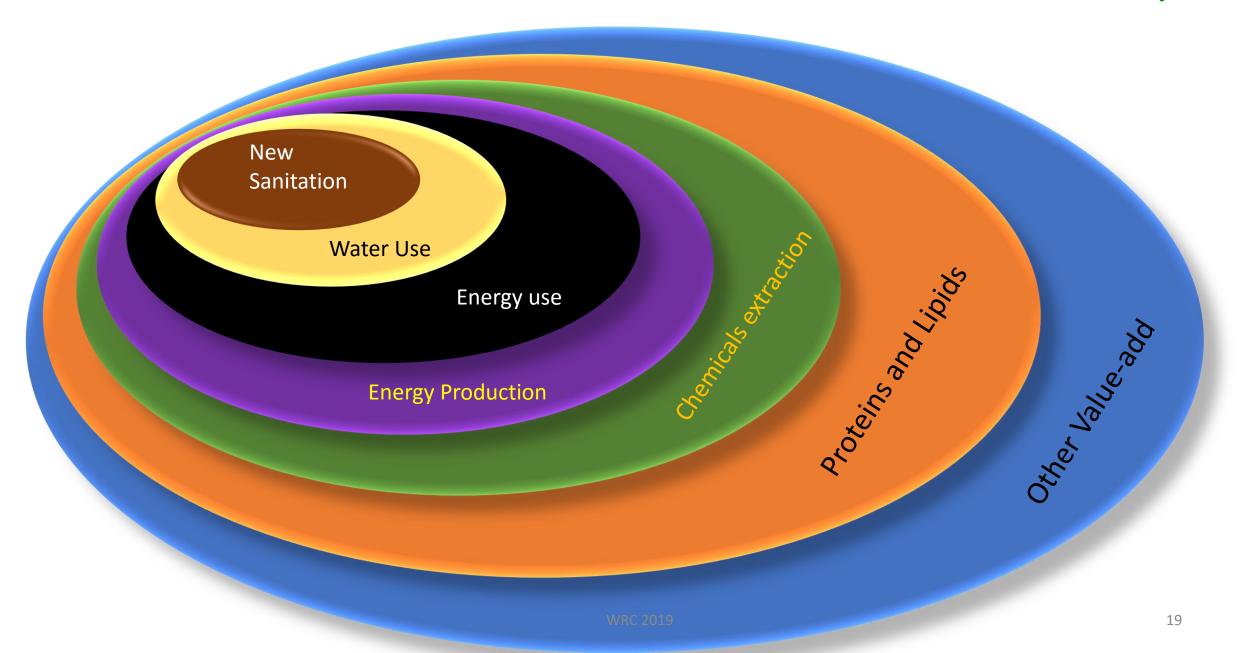
What if we run out?

- At 400g/person/day and the human species at 7.25 billion folk
- Supplies a potential 2.9 million metric tons every day!!!

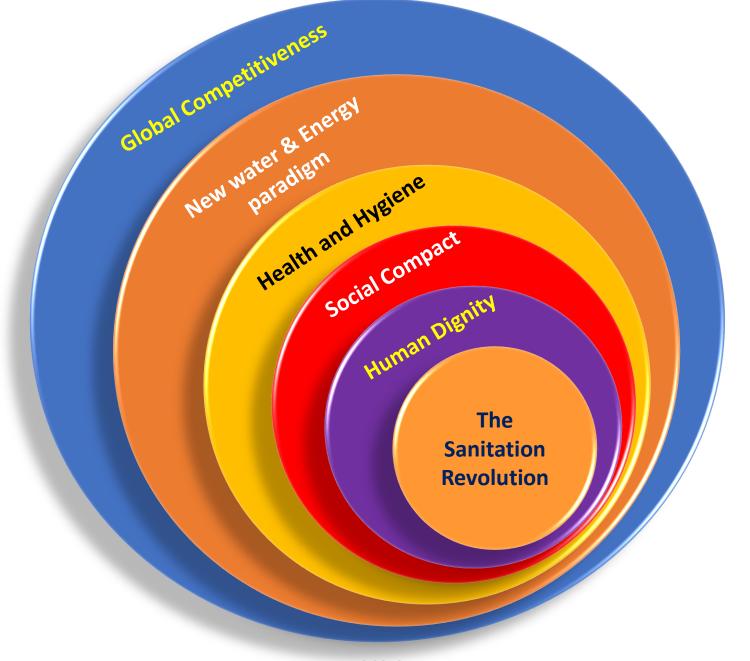


• It's a lot ofRaw material

New Sanitation as the nucleus of the New Circular Economy







Are you ready To take on the Challenge?



For full text reports: www.wrc.org.za

KNOWLEDGE HUB: Get Research Reports, Publications >>





Thank You