

THE SANITATION TRANSFORMATION INITIATIVE (SANITI)

Monday, 20 September 2021 | 11h00 to 13h00

In the mid-2010s, there was a realisation that both international and national development goals for universal sanitation access will remain unattainable if technologies and practices remained unchanged. Recognising the need for paradigm disruption to catalyze sanitation provision, the WRC initiated the **Sanitation Transformation Initiative (SANITI)** – the acronym serving as play on the word sanity and the term’s use aims to bring prominence to the insanity of doing the same thing over and over and expecting a different result.

There remains no silver bullet to sanitation, with toilets being but one part of the sanitation solution chain. What is required is a strategic re-think of how sanitation is provided; a change to a systems approach in which all aspects of sanitation are inter-related and inter-dependent. This systems approach needs to be underpinned by the adoption of business models, such as circular economy principles (reduce, re-use and recycle) and market entry and market-based research (see figure below).

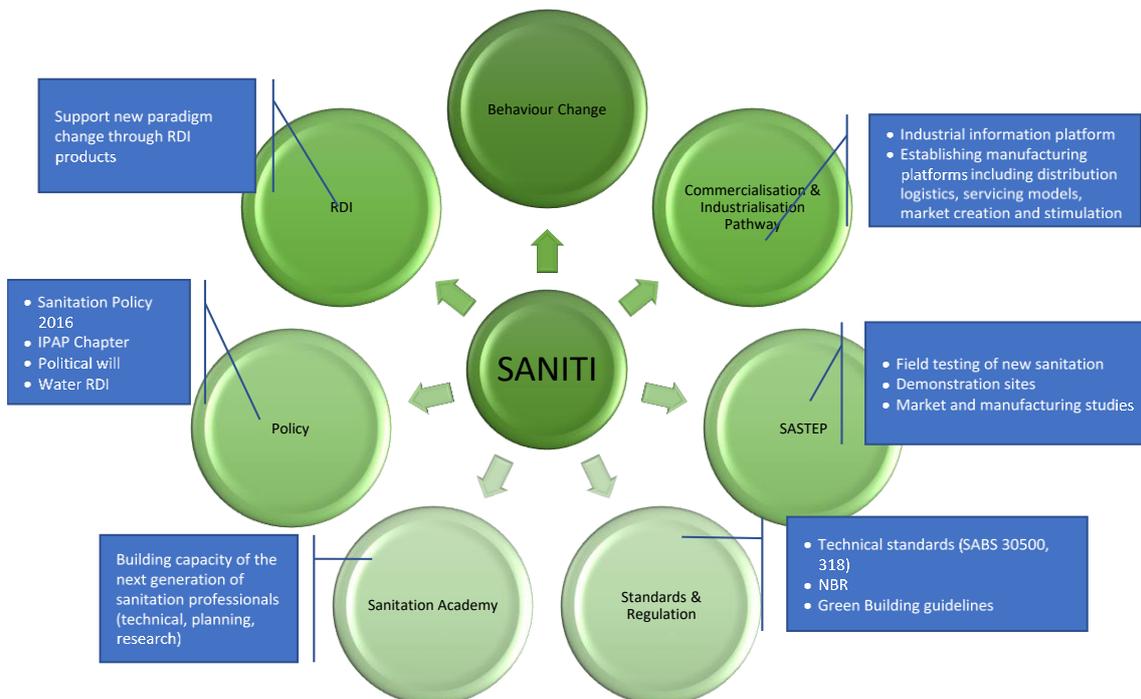
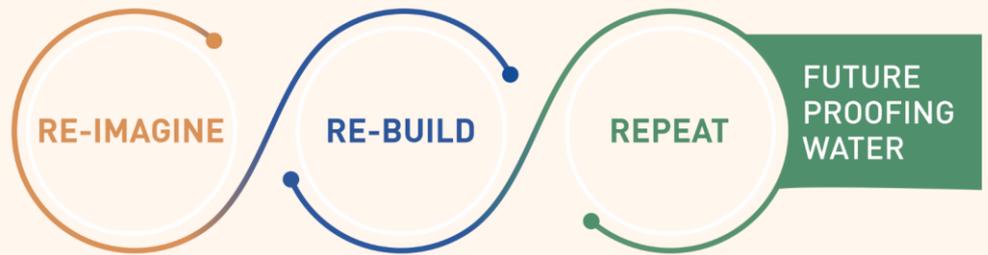


Figure: The SANITI systems approach focusing on multi-faceted areas that are inter-dependent and inter-connected.



SANITI PROGRAMME

WRC Symposium guests are invited to attend various sessions that address the SANITI strategy:

- **Session 5** provides an introduction to SANITI and the research focus
- **Sessions 17 and 24** focus on the SASTEP programme that provides focus on support to sanitation innovation uptake, commercialisation and industrialisation.

Chair: Sudhir Pillay

11:00	Welcome and Introduction to SANITI	Dr Sudhir Pillay, WRC
11:10	Keynote: From Pits to Next Generation Sanitation	Dr Konstantina Velkushanova, IHE Delft Netherlands
11:30	Research & Innovation around the Sanitation Value Chain	Ms Jeanette Neethling, Partners in Development
11:50	The Journey of Drying Faecal Sludges:	Ms Anusha Singh, UKZN
12:10	Developing the Vapoorize Toilet	Ms Reneiloe Sediogeng, BAAS
12:30	A Circular Economy Perspective of Sanitation: Case Study: KZN	Prof Alfred Odindo, UKZN
12:50-13:00	Discussion and Close	Dr Sudhir Pillay, WRC