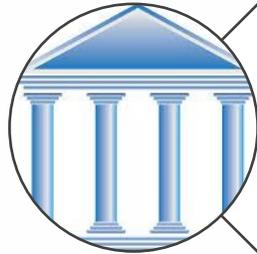




Theme 4: Water Advisory & Support



Objectives



Institutions and Services

- Strengthening capacity instruments for science and innovation translation



Solutions

- Accelerating development support for technologies ready for demonstration
- Supporting innovation transfer and advisory



People

- Supporting grassroots innovators, startups and entrepreneurs while building resilience.



Focus Area I: Capacity Building

- This focus areas is seeking proposals that smartly organise research groups and the body of knowledge to contribute to capacity building which enables the quadruple helix towards an aligned strategic outcome.
- This focus area will provide support to historically disadvantaged institutions, and community-based organisations
- The initiative must drive sustainable practices, resilience and adaptation around water availability, water efficiency and water quality and health

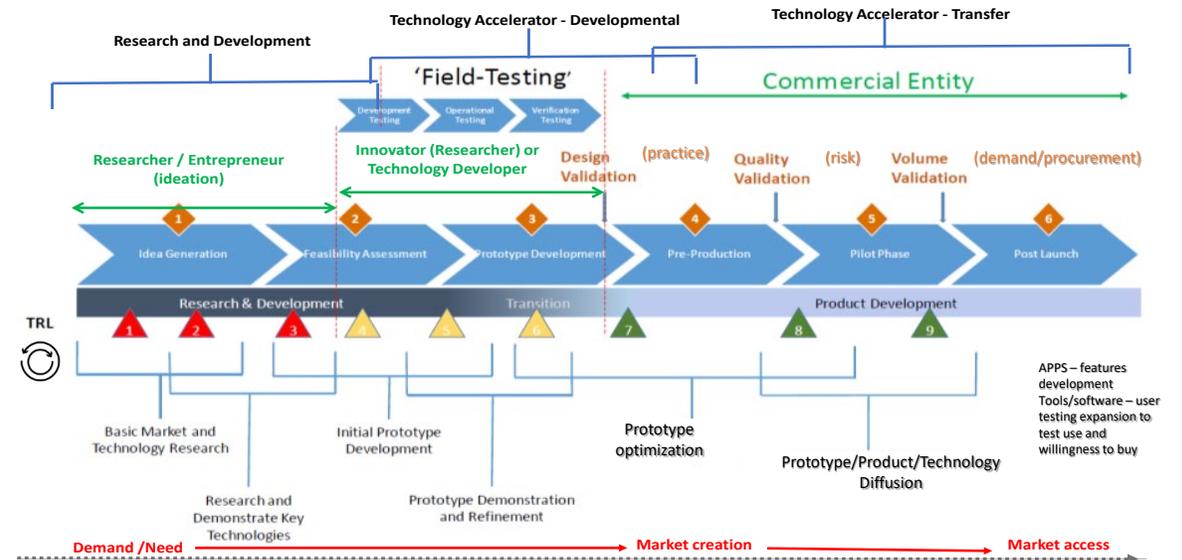


HDI
theResearchGroup
Innovation through discovery
Blue Sky Research



Focus Area 2: Innovation

- This focus area will seek highly innovative ideas (patentable ideas) and where is knowledge translated into innovation to build climate resilience and adaptation for the water sector.
- It will focus on providing opportunities for entrepreneurs, grassroots innovators and inventors wishing to disrupt practices and conventional technologies and onboard them into longer term projects with support



Adapted for WRC, 2022

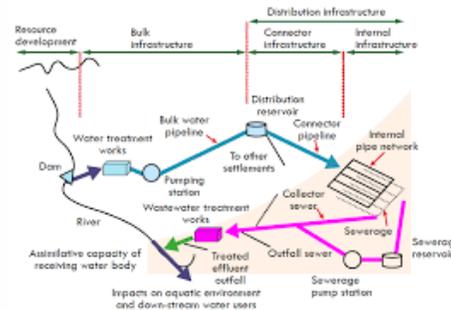


Focus Area 2: Innovation

- Innovation Areas:
 - Climate independent technologies
 - Alternate sources,
 - Low carbon technologies,
 - Digital technologies,
 - Resource efficient technologies,
 - Water efficient technology,
 - New material science,
 - Smart monitoring
 - Smart metering,
 - Circular economy,
 - Nature-based solutions,
 - Treatment technologies,
 - Non-revenue water,
 - Operations and maintenance and
 - Off-grid plug and play systems for water supply and sanitation.

The call lists the areas we will look at during the evaluation process

Is it inventive?
Does it have utility?
Will it change behaviours?
Is it a gamechanger?



Household

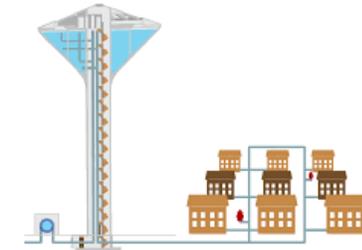


Communal



MUNICIPALITY

Municipal



Bulk



Focus Area 3: Expert and Extension Services

- This focus area aims to offer water experts and communities the opportunity to conceptualise a project with a specific outcome/s that transforms a stakeholder or set of stakeholders toward an outcome that builds resilience and adaptation for the water sector through advisory or extension services.
- Focus on rural services for water supply, sanitation value chain services, environmental services and agricultural services
- Must use an existing WRC model or innovation



Call

- **REQUIRED PROJECT**
- 1. Open call process for concepts notes in the 3 focus areas (stated above).
- 2. Directed Call for onboarding into a 5-year support programme for grassroots innovators, female innovators, green industry entrepreneurs and township innovators



Expected Outputs and Outcomes



Building stronger academic, industry and public sector alliances and expertise



Increasing inclusivity in innovation through the support of youth, female and grassroots innovators



Increasing the pipeline of relevant innovations, enhancing climate-based solutions that build resilience and adaptation, & enhancing uptake



2023

THANK YOU

