**Water Accelerator EOI Cover Page**

**Water Accelerator EOI submitted to WADER**

**PROJECT TITLE**

xxx

Date

**LEAD ORGANISATION**

Name

Postal Address

Physical Address

**PROJECT LEADER**

Title, Name and Surname

Organisation and Department

Tel:

Fax:

Mobile:

Email:

**[LEAD ORGANISATION LOGO]**

**[PARTNER LOGO] [PARTNER LOGO]**

**WADER Water Accelerator EOI Template**

*Privileged or confidential information, disclosure of which may harm the proposer, must be clearly marked in the EOI to ensure that such information is not released to persons not involved in the review and evaluation of the proposal.*

*Ensure that any claims made in your EOI are quantified and substantiated.*

The EOI should not exceed **10 pages**. Arial size 12 font, line spacing 1.15 and justified text should be used.

**Table of Contents**

1. **List the category your technology falls in**

**A. Water related alternative energy sources.**

**B. Alternative sources of water.**

**C. Non-Revenue Water.**

**D. Water Reuse (Industrial/Domestic Wastewater/Greywater/Mine Water).**

**E. Innovative low energy technologies to store/or treat water at households and local scales.**

**F. Innovative decentralised low energy sanitation systems.**

**G. Smart Water Conservation Demand Management (WCDM) devices for commercial buildings and/or households.**

**H. Smart apps to support behavioural change and practice for consumers and their municipalities.**

**I. Smart technologies to manage water distribution and sewerage systems.**

**J. Smart and IoT innovations for water supply e.g. devices, drones, sensors**

1. **Overview**

A summary highlighting the underlying scientific principles behind the technology to be demonstrated, its development pathway and areas of application should be provided. Highlight the innovative elements of the technology, its primary outputs and potential commercial value.

Provide a description of the logical basis behind the technology to be showcased as an innovative technology solution that will contribute to achieving the objectives of the RDD programme. This can include among others the following:

* + *Purpose of technology (water savings, cost savings, significantly improved performance, disruptive innovation etc.);*
	+ *Design features (Inclusion of photos and diagrams would be useful during evaluation);*
	+ *Level of readiness for demonstration/stage of development;*
	+ *Target location (rural, peri-urban and/or urban).*
1. **Previous demonstration/implementation**
* Describe any previous demonstrations and/or technology implementations conducted in public or private facilities and include their results. You can focus on the following:
* *Number of units installed;*
* *Performance metrics;*
* *Location of technology demonstration or implementation;*
* *Scale of demonstration or implementation;*
* *Partners involved;*
* *Performance outputs.*
1. **Budgetary Information**
* Itemised budget estimate for technology demonstration or implementation to include:
	+ *Fabrication and implementation costs (unit costs);*
	+ *Operations and maintenance requirements – description of installation and maintenance needs of the technology;*
	+ *In-kind (indicate monetary value) and/or financial resources that your organisation will contribute to the demonstrator.*
1. **Legal**
* Brief description of existing and anticipated intellectual property protection and other related matters:
	+ *Is the technology patented;*
	+ *Is the product licensed;*
	+ *Are partnerships or benefit sharing agreements required/in place;*
	+ *Are non-disclosure agreements required/in place?*
1. **Market Relevance**
* Description of the market potential for the technology:
	+ *Market need;*
	+ *Target market;*
	+ *Competitive technologies (existing technologies that meet the market need, list their shortcomings) and how demonstration of the technology will provide an opportunity for either a competitive solution or a competitive substitute;*
	+ *Anticipated impact of the technology (describe, where relevant, the political, economic, social, technological, environmental and/or legal impacts of the project).*
1. **Communications and Marketing**
* Describe any efforts that have been undertaken to market the technology locally and internationally. If none, a clear marketing and communications plan will add value to the proposal. Plans for human capital development and potential for SMME growth will also strengthen proposals.
1. **Proposal Submission**

**Proposals must be submitted to the email address indicated in the advert (sarahr@wrc.org.za) in PDF format by close of business (16h00) on Friday, 15 February 2019.**

For queries, please contact:

**Dr Manjusha Sunil**

**Manager: Water Technologies Demonstration Programme**

**Email: manjushas@wrc.org.za**

**Tel: 012 761 9310**

**Mobile: 083 286 8238**