



LIFT TECHNOLOGY SCAN Innovative Technology Submissions

General Application

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PROGRAM ANNOUNCEMENT AND APPLICATION INSTRUCTIONS

1. Introduction

The water sector needs to move beyond merely complying with regulations to developing new opportunities that will yield strong regulatory performance, exceptional resource recovery, and economic productivity. Acceleration of innovation in the water sector can help deliver maximum economic, environmental, and social benefits to communities & utilities, primarily through increased resource recovery, treatment optimization, improved water resource management and protection, and enhanced resiliency. Technology development is a key component of that innovation.

The Leaders Innovation Forum for Technology (LIFT) is an initiative undertaken by the Water Research Foundation (WRF) and the Water Environment Federation (WEF). LIFT is designed to accelerate innovation in the water industry and to move new technologies more rapidly into practice. LIFT includes both a “technology pull” and a “technology push” strategy. The former has been launched and involves facility owners identifying and pursuing technology assessments that are of highest immediate priority. The latter – the subject of this document – provides a platform to scan for and then showcase, promising technologies to municipal and industrial facility owners and other interested parties including consulting firms, financiers, and regulators.

The goal of the LIFT technology scan and assessment program is to provide exposure to the right stakeholders, assistance with technology commercialization, and feedback from both technical experts and potential customers, including facility owners, the consulting community, and venture capitalists.

Exposure to the right stakeholders

- Provides exposure of new products to WRF's subscribers who represent over 65% of the sewer population and close to 80% of the drinking water supplied to the U.S., a significant portion of Australia and the U.K., as well as other areas of the world. Industrial facility owners, consultants, venture capitalists, regulators, and other interested parties also gain exposure creating an efficient process for disseminating information on a new technology.
- Creates a platform for interested parties to discover emerging, pre-commercial and newly commercialized technologies from technology providers. The LIFT Working Group includes over 400 municipal and industrial facility owner representatives.
- Allows opportunities for additional outreach and exposure to the broader water community through WRF and WEF communications.
- Supplies a means to more quickly and broadly disseminate results and share findings from technology testing and evaluation.
- A technology profile page in LIFT Link, which is accessible to all WRF subscribers

Assistance with technology commercialization

- Helps identify interested parties for technology pilots, demonstrations, and early adoption.
- Provides opportunities for innovators to connect with funding and investment resources to move faster along the development pathway to the broader marketplace.
- Provides a means to share the cost and risk of innovative technology deployment through collaborative partnerships.
- Facilitates collaboration among technology providers and interested parties for the evaluation and testing of new technologies.
- Helps reduce the level of uncertainty and associated costs inherent in development, evaluation, and commercialization of new technologies.

Feedback from both technical experts and potential customers

- Gives technology developers feedback from end users and others on their new products.
- Offers a mechanism to conduct independent, third party testing/evaluation and peer review if needed.
- Offers technology providers opportunities to present on their innovative products to interested end users and to dialogue with them regarding technology testing, demonstration, and implementation.

In summary, the program is designed to facilitate more rapid deployment of new technologies by numerous means.

2. Program Description

Through LIFT Technology Scans, technology inventors / providers complete and submit an application that highlights key aspects of their product or process. After an initial review of the application and determination of interest in the technology, WRF coordinates presentations and discussions both in-person and virtually with interested parties including municipal and industrial facility owners, consulting firms, venture capitalists, and regulators. The goal is to connect the right technologies with the right facilities and/or industry partners. The program uses a 3-step scan and assessment process (See Figure 1).



Figure 1. Technology Scans 3-Step Process

The **first step** is Submit Application – WRF, in partnership with WEF, provides an application process (<http://liftlink.werf.org/apply-instructions>) to identify promising, new technologies for the water sector. Technology developers / providers (national and international) are invited to submit their products and/or processes using a standardized application form. WRF conducts an administrative review of the application to assure it is complete, before applications proceed to the next step.

The **second step** is Basic Technical Review – A volunteer committee (http://www.werf.org/lift/docs/List_of_VEP_Organizations.aspx) selected by WRF, or the appropriate regional hub, reviews applications, confirms the development level, and does an initial review of the technical content and any claims to confirm a likely match of the technology with its intended application. A summary of the comments and feedback from the reviewers is made available to all applicants.

Technical review of each application is made based on preliminary data and information provided in the application that supports performance claims provided by the applicant. Reviewers will assess the application using the following criteria:

- Value
- Chance of Success
- Technical Viability
- Improved Effectiveness or Efficiency
- Cost Savings

The **third step** is Assessment by Interested Parties – Once accepted, WRF will coordinate a face-to-face or virtual presentation and dialogue on technologies deemed of interest to subscribers. The technology provider will make the presentation. This may be done for a single technology or for multiple technologies (e.g., by topic area) and could be done focusing on technologies that are later in development (perhaps of most interest to facility owners and their consultants) or technologies that are earlier in development (perhaps of most interest to venture capitalists). Evaluation of technology viability would be done in this third step where technology providers have the opportunity to present and discuss their ideas with the interested parties. The right is reserved to disclose the content of the technical review to interested parties.

Included in the third step is the public posting of a technology profile in LIFT Link. LIFT Link (<http://liftlink.werf.org>) is an online platform that serves as a highway of interaction among municipal and industrial water, wastewater, and stormwater agencies, technology providers, consultants, academics, investors, federal agencies, NGOs, and others for advancing innovation. LIFT Link allows users to discover new technologies and research needs; stay abreast of pilot and research projects; connect with others with similar needs, technology interests, and desired expertise; and collaborate on research and technology ideas, proposals, projects, demonstrations, and implementation. As a manufacturer, you are able to edit your technology profile to keep users and interested parties up to date on new developments. For an introduction to the site, please visit:

https://www.youtube.com/watch?v=2N39GG0Zh_8&t=38s

Subsequent steps and actions are dependent upon the requests of the interested parties at no obligatory cost to the technology provider, for example, for a demonstration and/or independent third party evaluation of the technology supported by the interested parties (i.e., facility owners and other stakeholders sharing costs and risks), and as appropriate, peer reviewed by WRF. Often before adopting innovative technologies, facility owners' desire/need to have the best information available obtained from independent evaluations. These evaluations can be costly, but when costs are shared amongst many, they are invaluable to accelerating adoptions of new technology in the marketplace. Without independent

evaluations, facility owners are often left to rely on manufacturer claims and word of mouth. If the interested parties desire, an independent, WRF-managed or peer-reviewed evaluation can be conducted. All WRF-managed or peer reviewed evaluations need to follow the WRF Ground Rules for technology evaluation and integration projects which are provided in the “WRF Policies” section of these instructions. WRF and WEF will highlight successful applicants and encourage dialogue between a facility that is testing a technology and other interested parties.

3. Eligibility

The LIFT Technology Scan program seeks applications from the technology development community. The program is intended for, and open to all technology solution providers, including any organizations that invent, develop, produce, or distribute technologies or processes that can be used or applied in the water industry, either based in the United States or internationally.

The program seeks innovative developing, pre-commercial, and newly commercialized technologies, including technologies seeking their first demonstrations and first few applications and that are relatively early on the technology adoption/innovation curve.¹

WRF Technology Development Levels (TDLs) provide an easy and comparative way to sort on the maturity of a technology in relation to eventual implementation and commercialization. They help match technology developers / providers with interested parties. The table below depicts TDLs on a six-point scale that represents their current state of development from early stage research and development through established use.

LIFT Technology Scans accept technology or process innovations that are in the stages of “Bench Research & Development” through “Pioneer Stage” (TDLs 1-4). The program is not intended for “Conventional” technologies (TDL 5). In particular, technologies that are seeking pilot and full scale demonstrations or early facility adopters will benefit from the program. Note that a technology which may be widely used or established outside the U.S., but which is not considered “Conventional” in the U.S., is eligible for consideration.

¹ Parker, “Introduction of New Process Technology into the Wastewater Treatment Sector,” Water Environment Research, June, 2011. (Open Access)
Rogers, E .M. *Diffusion of Innovation*. Fifth Edition, Free Press, New York, 2003.

| TDL Stage | | TDL Definition |
|---|--|---|
| 1 | Bench Research & Development | These technologies are in the early development stage and/or have been tested at the bench scale or proof of concept scale in a laboratory environment. (TRL 3-5) |
| 2 | Small-Scale Pilot | These technologies have been successfully tested at a sufficient scale to establish the basis of the first generation of full-scale facilities in a relevant environment. (TRL 6-7) |
| 3 | Full-Scale Pilot (Demonstration) | These technologies have been successfully demonstrated at 1 or more facilities at final commercial design stage in an operational water environment. (TRL 7-8) |
| 4 | Pioneer Stage (Production & Implementation) | First-of-a-kind or initial commercial implementation: these technologies have been qualified through testing and implemented under full operational conditions and have some degree of initial use, but are not considered established in the water sector. (TRL 8-9) Adaptive Use- an established technology or process that has a new application or objective are eligible under this TDL |
| 5 | Conventional* | These technologies are considered established and have been typically used at U.S. treatment facilities or have been available and widely implemented for more than five years. (TRL 9) |
| <p>* This program is intended to showcase technologies at all levels except for those that are “Conventional”. Applications for “Conventional” technologies are not currently accepted.</p> <p>The TRL (Technology Readiness Level) conversion is provided for the convenience of those more familiar with the system used by the U.S. Government which uses a 1–9 scale.</p> | | |

4. Technology Topic Areas

Calls for Innovative Technology Submissions are open to all water technologies. This includes the collection, treatment, distribution, or monitoring of stormwater, wastewater, reuse, or drinking water technologies— including desalination, water reuse, and any related technologies— for municipal and industrial facilities. This includes proprietary and non-proprietary technologies, solutions, or processes. Other international hubs may have different guidelines. Excluded are things not of interest to our membership.

In January 2013, the National Association of Clean Water Agencies (NACWA), WEF, and WRF released the [Water Resources Utility of the Future...Blue Print for Action](#). In this document, the

Water Resources Utility of the Future (UOTF) is “a manager of valuable resources, a partner in local economic development, and a member of the watershed community seeking to deliver maximum environmental benefits at the least cost to society.” Common practices of the UOTF will include water reclamation and reuse, extraction of nutrients and other constituents for commercial use, harvesting heat and energy from biosolids and liquid streams, and through its land and horizontal assets generate renewable forms of energy. For the UOTF, this translates into reduced costs, increased revenues, and the ability to deliver economic, environmental, and social benefits to the communities they serve.

LIFT will deliver on this paradigm shift by speeding the delivery of innovative technologies to municipal and industrial end-users. Through LIFT, a program designed to enable technology evaluations and data sharing, the risks and resources of conducting demonstrations are shared to accelerate the adoption of new and innovative technologies. The USEPA Office of Water expressed support of this need for collaborative, independent third-part technology evaluation efforts in their April 2014 update of the [Water Technology and Innovation Blueprint – Version 2](#).

5. International LIFT Hubs

The LIFT program has partnered with likeminded international organizations to expedite the sharing of resources across geographic boundaries by standardizing programs and processes. This enables you to submit a single application to multiple regions. Each review process is run independently, and organizational priorities do differ slightly. It is possible to be accepted to one program, but not another. For each region you select, you will need to select a regional contact, and a separate TDL. Please note, that an application undergoing review in any region is locked for editing.

At the moment, the following regions are accepting applications through LIFT Link:

- North America - WRF
- Africa- Water Research Commission of South Africa

6. Submittal Instructions

As of January 1, 2017 applications will only be accepted through LIFT Link:

<http://liftlink.werf.org>

It is strongly recommended that you prepare your responses to the application questions in a local document ahead of beginning the online application process. The application will time out after an hour, and you will lose all unsaved work. There is a save feature, but it only is available if there is a response in all fields.

- 1) Ensure you have a WRF (legacy WERF) username/password. If you need to create one: [click here](#) or click “Sign In” at the top of www.werf.org and click “Create a new account”.

- 2) Sign in to LIFT Link <http://liftlink.werf.org> using the same credentials.
- 3) Complete the LIFT Link account creation process, and then sign in again.
- 4) Click the APPLY button at the top, and complete the application.
- 5) Upon successful submission (or saving), you will be taken to your dashboard and a notification will appear at the top of the page just below the Welcome message.
Independent of this the LIFT team will review your application and correspond via email to ensure it is complete and ready for the reviewers.

Note: Applying is free, and you will always have access to content related to your technology. Access to the full LIFT Link platform including the technology library, the Needs Forum, and other content is restricted to those who are members of WRF, are part of a member or who pay for access to the LIFT Link (\$100/yr). Purchasing full access to LIFT Link, may be done at the [WRF Store](#), with the aforementioned login credentials.

If you experience trouble submitting the application, please contact LIFT Link support: liftlink@werf.org or Aaron Fisher at either (w) 571-451-2840 or afisher@werf.org.

7. Application Preparation Instructions

7.1 FORMAT AND PAGE LIMITS

The main body of the application may not exceed six (6) pages of single-spaced, 11-point font text with one-inch margins. Figures or tables embedded in the text do not count towards the page limit. To add content into the application please use the respective buttons at the top of the text entry fields.

Specific page limits for all sections are provided below:

| | |
|---|---------------------|
| Main body of application: | 6 pages max |
| <u>Appendices (Resumes/Attachments/Supplemental Information):</u> | <u>24 pages max</u> |
| TOTAL: | 30 pages max |

7.2 APPLICATION CONTENT

The main body of the application may not exceed six (6) pages, and includes the following sections. Please do not include any information in this application that is deemed confidential.

A. Technology Summary

- **Brief Technology Description**
Responses limited to 400 characters including spaces
- **Key Personnel**
Please list any key personnel, partners, and/or advisors involved the technology, along with their role related to the technology or company.

- **Company Background**

Please provide a brief background/history of the company.

- **Resume/CV Attachment**

Include resumes and contact information for key personnel in a single file (max 2 pgs. per resume; 6 pages total)

- **Technology Image**

Choose an image that best represents your technology to be displayed at the top of the page, and in the directory. (note: most image file formats are accepted)

- **Water Applicability⁺**

Please select all that apply:

- Agriculture
- Desalination
- Drinking Water
- Industrial
- Stormwater
- Source/Ambient Water
- Wastewater
- Water Reuse

- **Category⁺**

Please select the primary technology category area that applies to your application from the list. Additionally, you can select up to two (2) additional categories.

- Acid Mine Drainage
- Advanced Oxidation Processes
- Agriculture
- Asset Management
- Biofiltration
- Biosolids to Energy
- Biosolids Upgrading
- Brine Concentrate Management
- Carbon Diversion
- Coagulation
- Collection Systems
- Decentralized Systems
- Decision Support Tools
- Desalination
- Digestion
- Direct Potable Reuse
- Disinfection
- Disinfection Byproducts
- Distribution Network
- Energy Conservation
- Energy Production
- Fermentation
- Filtration
- Intelligent Water Systems
- Lead and Copper Management
- Leak Detection
- MABR Systems
- MBR Systems
- Membranes
- Microbiology
- Nitrate Removal
- Nutrient (N or P) Recovery
- Nutrient (N or P) Removal
- Odor Control
- Other Resource Recovery
- Primary Treatment
- Sanitation
- Scale Prevention
- Secondary Treatment (Activated Sludge)
- Sensors
- Source Water Quality
- Stormwater BMPs
- Stormwater Green Infrastructure
- Thickening & Dewatering
- Water Conservation
- Water Quality
- Water Reuse
- Water Softening
- Water Supply-Low Energy
- Other (Write-In)

*Other Resource Recovery in this instance applies to resources besides nutrients, energy, or water

+Feature is undergoing editing at the moment. This list may not be the most current with LIFT Link

B. Detailed Technology Description

- **Technology Description**

Describe the technology. What problem does it solve? What is the value proposition? What is its impact potential for the water sector? What is innovative about the technology? Include information regarding its technical basis, with reference to fundamental science and any supporting research. Include graphics/visuals as needed. *(note: the attachment space allows for extended responses to this question)*

- **Technology Applications**

What is the best application(s) for this technology? Does it integrate into existing systems? Is it completely new and stand alone? Is it intended to enhance or replace? Is there a retrofit aspect? Is its applicability across “all” systems / configurations or select systems or is it exclusively a “green field” technology? *(note: the attachment space allows for extended responses to this question)*

C. Performance and Benefits

- **Technology Performance and Benefits**

State the intended performance goal and claims for this technology and the expected benefits. *(note: the attachment space allows for extended responses to this question)*

- **Testing and Demonstration Results to Date**

Provide information on the location, dates, duration, and scale (bench, pilot, or full) of any planned or completed evaluations or demonstrations. Include any data/results that are available. Include contact information for any references or reference projects if available. *(note: the attachment space allows for extended responses to this question, or even previously developed case studies to be included)*

D. Papers/Publications and IP Status

- **Papers, Publications, and Proceedings**

Has this technology been published in a reviewed journal or conference proceedings? Please list any papers, publications, or proceedings. Provide hyperlinks if available. *(note: the attachment space allows for attachment of the most relevant abstracts/papers)*

- **Intellectual Property Status**

Describe the intellectual property status of the technology. Are there any patents (provisional or otherwise)?

E. Next Steps

- **Technology Next Steps Needed / Desired**

Provide recommendations on what is the next step(s) in testing, demonstrating, and/or implementing the technology. What is needed to advance the technology? If testing/demonstration is needed, include information on the proposed size/scale of desired

demonstration(s) (flow, power, etc.), desired site characteristics, equipment needed, approach to assess performance, and estimated costs. If, as a result of a successful dialogue, there is interest in your technology, is your organization capable of designing and conducting a test or demonstration at an operational facility?

F. Attachments (24 pages max)

The total length of attachments including those attached to the relevant sections should be under 24 pages max, ensuring that reviewers are able to provide feedback your application in a timely fashion. Supplemental materials may include technology brochures; PowerPoint slides/presentations; papers/publications; photos, figures, drawings, or schematics; results or reports from pilots/demonstrations; testimonials from customers; or any other information to help better describe the technology and support its performance and benefits. Each file must be under 20 MB, nor have .;:&#\$@ in their file names.

Click Submit when complete with Sections A-F to proceed to Regional Selection

G. Regional Selection

- **Select a Region for Submission (select all that apply)**

A technology may be submitted to one or more regions. Complete the information for one region then click the “Submit for Review and Add Another Region” button

- North America- WRF
- Africa- Water Research Commission of South Africa

- **Technology Development Level**

Indicate the Technology Development Level (#1-5) based on the table provided in the instructions for the chosen region (see “Eligibility” section). Technology Development Levels will be used to help match technologies with interested parties, and not to screen out technologies. This program is intended to showcase technologies at all levels, except for those that are “Conventional.”

- **Regional Contact**

Please submit the name and email, of an individual who will serve as the regional representative. This person can be the same as for other regions

H. Company Profile

- **Company Name**
- **Year Established**
- **Number of Employees**
- **Owner or Head of Company**
- **Type** (e.g. For-Profit, University, etc.)
- **Website**
- **Company Description**

- **Company Logo**

To access/edit this page: Under “My Submitted Technologies” on your dashboard. (note: this is how your page appears to everyone else). Click on your company name, on the right hand side of the screen. Then on the “company view” screen click the Edit button. Do not forget to save any changes.

8. Review Process

Once submitted to LIFT, an administrative review is conducted on the application. Feedback is provided by site administrators, with either recommended edits, or a formal acknowledgement that the technical review process is underway. The technical review process takes 1-2 months and consists of feedback from an expert panel based on the criteria outlined in Section 2. [Expert panels](#) represent the consulting, academic, utility, and regulatory perspectives—manufacturers or reviewers that have a conflict of interest may not participate on a review panel. While the identities of the reviewers are never disclosed, their feedback is provided back to the applicant at the end of the process. Formal notification of the outcome of the review process will be communicated by LIFT. Should an application be unsuccessful, reapplication to the LIFT program is allowed if the identified deficiencies in the application are addressed.

9. LIFT Graduates

This follow-on program seeks to recognize those technologies that since their acceptance via a LIFT Technology Scan, have made significant progress and are now widely deployed in a regional market. This is defined as either a few dozen deployments, or when the technology is sufficiently understood by the market (e.g., in the *WEF Manual of Practice*). To learn more about the program, please visit:

http://www.werf.org/lift/Tech_Scans/LIFT_Graduates/lift/LIFT_Graduates.aspx

10. WRF Policies

WRF Technology Evaluation and Integration Project Ground Rules

WRF recognizes the need for, and its role in, enabling technology evaluation that will help subscribers identify and evaluate new technologies and how best to integrate (incorporate) new technologies into their facilities. As the water quality industry’s history has shown, its sustainability is dependent in substantial part upon new and improved technologies. To that end, WRF will:

1. Facilitate the identification, evaluation and integration of new technologies that could benefit the water quality sector.
2. Pursue technology evaluation and integration in an independent, impartial and transparent manner.
3. Include appropriate disclaimer and non-endorsement language in any WRF technology evaluation contracts and project deliverables that will protect WRF’s reputation as an independent and scientifically credible research organization.

4. Broadly communicate the findings of technology evaluation and integration projects to WRF subscribers and others in the water quality community.

If interested parties desire to have a WRF-managed or peer reviewed technology evaluation based on dialogue conducted as part of the 3rd step of the scan and assessment process, WRF has established the following “ground rules” which must be followed for WRF-managed technology evaluation projects. WRF-managed technology evaluation projects are not required under the program, but provide a mechanism to conduct independent, third party testing if desired by the interested parties in order to help advance the technology.

Ground Rules

1. Technology verification should only be undertaken by WRF for technologies or technology areas that have been identified as important to its subscriber community.
2. Evaluations of technology should be conducted in a way that assesses performance of technology processes against intent / design claims, assesses optimization of technology, and/or provides understanding of technology function and application. Comparisons may be made to established or conventional technologies that accomplish similar objectives.
3. Vendors must agree in advance that findings will not be used as a WRF endorsement of a particular technology or product.
4. Technology evaluations that are requested by subscribers should be funded as Tailored Collaborative Research (TCR collaborations) where subscribers and others pool funding for a mutual benefit. Technology evaluations requested by developers and/or vendor(s) can be funded by these parties as long as their control/influence over the research is limited (see #6 below).
5. The use of federal funds for these projects must include prior notification of the federal agency Project Officer unless the grant or agreement has the evaluation and/or integration of technologies as a stated goal.
6. WRF needs to be deliberate in maintaining control of all technical aspects to assure an independent evaluation. This includes the prevention of undue influence and/or the perception of undue influence by the funders and/or the technology developers / vendors on the selection of technical review committee members, contractors, design of the evaluation, and in the reported findings. Every effort should be made to be sure that WRF contractors conducting the evaluation should have taken no prior position in the market place with respect to the technology being evaluated, such as previously recommending the

specific technology being tested to a client or in a prior evaluation for any organization besides WRF. To this end, all parties will be asked to formally disclose any possible conflicts of interest. This will identify any prior relationships among the technology developers / vendors, the demonstration sites, any contractors involved in the evaluation, and the technical review committee members, thus providing a clean paper trail for the project.

7. Effort should be made to accommodate requests from developers / vendors with regard to protecting proprietary aspects of a technology. WRF will apply its experience in providing confidentiality while at the same time not compromising independence of WRF's evaluation or of its technical review committees.
8. Intellectual property will be a concern for technology developers / vendors whose technologies will be evaluated. Agreement regarding intellectual property must be reached before initiating a technology evaluation.
9. WRF should not endorse any technology but rather provide the results / performance data, include the criteria that were used to evaluate performance, and be prepared to vouch for the validity of the data and for the expert reviewers. Avoid situations where comparisons of competing technologies result in winners and losers. Transparency is essential.
10. The following language will appear in the WRF agreement / contract:

“Neither party [*WRF, and contractor or vendor*] will use the name or logo of the other in publications or in any form of publicity without the written permission of the named representative of the other party.”

The following language will appear in any WRF report or formal communication of the findings from a technology evaluation:

“This document was reviewed by a panel of independent experts selected by WRF. Mention of trade names or commercial products or services does not constitute endorsement or recommendations for use. WRF makes no warranties, expressed or implied, of fitness for a particular purpose or merchantability for any report, service or other result to be delivered under this Agreement.”

LIFT Link Policies

- Standards of Conduct: <http://liftlink.werf.org/standardsofconduct>
- Terms and Conditions: <http://liftlink.werf.org/termsandconditions>
- Release and Indemnification Agreement: see below.
- Informal LIFT Link policies:

- Originally approved application must remain visible as an attachment if not visible by hyperlink.
- LIFT staff will add any presentations that you make to LIFT participants.
- If you would like to adjust your Technology Development Level (TDL), please contact LIFT (liftlink@werf.org).
- Attachments cannot be larger than 20 MB, nor have .; & # \$ @ in their file names
- Regarding your technology page, LIFT will be moderating discussions. If you feel a comment is inappropriate or unwarranted please bring it to our attention. You will also have the opportunity to respond to any comments on your technology.
- Needs Forum discussions are to be initiated by utility personnel. Feel free to contribute to the online discussion or contact parties to further the discussion.

RELEASE AND INDEMNIFICATION AGREEMENT

The authorized signature below indicates your Organization’s acceptance into the Water Research Foundation’s (“WRF’s) Technology Scan Program, a function of WRF’s Leaders Innovation Forum for Technology (“LIFT”), and to the following terms and conditions:

1. WRF will submit your Application for review before a committee of experts, LIFT Program participants and/or WRF Subscribers who will engage in discussions and determine possible subsequent steps including potential pilots, demonstrations, testing/evaluation and or implementation of the technology.
2. You agree to release WRF, its employees, representatives, officers, trustees and agents from any liability for any damage, demand, cause of action or claim resulting or arising from the review of your Technology Scan Application.
3. You agree to indemnify, defend and hold WRF harmless from all liability which may arise or occur during or following the Application review. Your indemnification will include all WRF employees, agents, officers, trustees and representatives and includes payment of WRF damages, costs, expenses and attorney fees.
4. You warrant and represent that the Technology Scan Application that you submitted to WRF is an original work or is derived from preexisting works that you own or have licensed the rights to. You agree to indemnify and hold WRF harmless from any liability, claim or loss in the event of any breach of this warranty.
5. You agree that any results and/or findings from your participation in the Technology Scan Program will not be used by you in any way as a WRF endorsement of your technology or product.
6. You agree and allow all information from your Technology Scan Application and through WRF’s Technology Scan Program review to be disseminated by WRF in any format, including but not limited to correspondence, email, newsletter, website social media or other existing or potential communication avenue.
7. You will not use the WRF name or logo on or in any correspondence, publicity, data release or other existing or potential communication avenue, without prior approval of WRF.

I have read the foregoing Release and Indemnity Agreement, all terms and conditions set forth above, and sign in my capacity as a duly authorized representative of my organization. I also hereby state that the information in this application is accurate and complete to the best of my knowledge

BY: _____
Company Name

_____ Digitally signed in LIFT Link
Signature

DATED: _____

Printed Name, Title