



What We Do

WATER TREATMENT & SUPPLY

Water is life... for both people and business. Our scalable prefabricated systems treat ground, surface, and wastewater sources to supply:

- Drinking / Domestic Water
- Industrial / Process Water
- Agricultural / Irrigation Water

SANITATION & HYGIENE

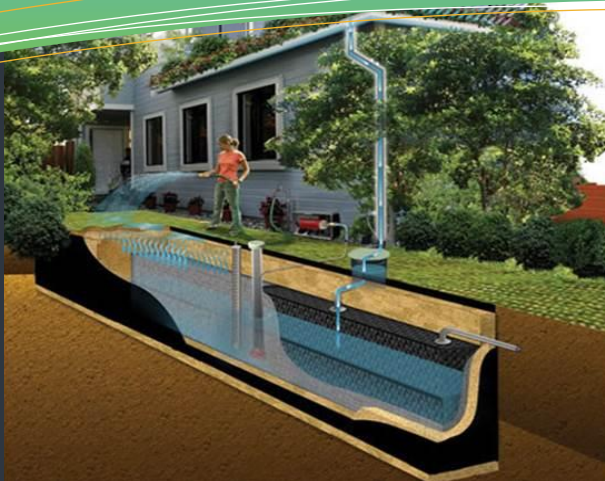
The COVID-19 pandemic has raised the awareness of global water challenges and the lack of proper sanitation. Public health conditions related to clean drinking water, and adequate treatment and disposal of human excreta and sewage, are our top priority. Our systems are designed to provide Urban, Peri-Urban, and Rural populations with proper sanitation and hygiene services.

FOOD SECURITY

We recover water and nutrients, among other resources, from wastewater for reuse and closed-loop plumbing infrastructure in agriculture and aquaculture-controlled environment operations.

IoT CONNECTED

Our Wi-Fi, Lo-Ra, and Satellite IoT Connected arsenal of digital pathogen, heavy metals and nutrient sensors make our solutions revolutionary.



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Is There Bacteria In Your Rainwater?

As climate change and rapid population growth contribute to the reduction of freshwater sources across the globe, rainwater harvesting is being utilized to sustain a healthy landscape, reduce utility bills, and in an increasing number of areas in the world rainwater harvesting is a means of survival.

Even though rainwater falls from the sky as pure and safe to consume, if it is not polluted with microplastics, acid, and other pollutants in many metropolitan areas of the world, it is a perfect material to host and encourage the growth of bacteria, including legionella.

What people don't know is that their common UV and membrane filters for potable consumption are now known to not sufficiently remove the bacteria, and recurring illnesses are a result.

Studies have found that legionella infection rates are increasing across the world. Man-made water systems, such as rainwater harvesting/collection, hot tubs and whirlpool spas; hot water systems in large buildings, hotels, and hospitals; and cooling towers produce aerosolized bacteria contaminated water that provide the source of most legionellosis and water borne bacterial infection cases.

Roof-collected rainwater is a source of legionella, along with water that stands still for a period and some roofs produce more bacteria than others. You can either change your entire roof to reduce somewhat your odds of bacteria growth in your rainwater collection tanks or utilize the Water Life Systems low-cost **O3-InGEN™** treatment and monitoring system to essentially eliminate the problem. The Water Life Systems water treatment solutions can be used in most water use applications.

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Hamilton, K. A., Ahmed, W., Palmer, A., Sidhu, J. P. S., Hodgers, L., Toze, S., & Haas, C. N. (2016). Public health implications of Acanthamoeba and multiple potential opportunistic pathogens in roof-harvested rainwater tanks. Environmental research, 150, 320-327.

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OUR MARKETS

INDUSTRIAL

Agriculture | Aquaculture |
Automotive | Commercial
Livestock | Disaster Management
| Environmental Rehab | Food &
Beverage | Military | Mining | Oil
& Gas | Paper & Pulp |
Petrochemical | Pharma | Power
| Specialized Industry | Steel |
Tourism

MUNICIPAL

Urban, Peri-Urban & Rural
Utilities | Commercial Buildings |
Public Facilities | Mixed-Use
Buildings | Developments | Multi-
Tenant Residences | Single
Homes

OUR GUARENTEE

Water Life Systems guarantees that you will receive enhanced security and higher quality with Water Life Systems' products and services. The service starts with customizing our solutions to your specific needs and continues through equipment delivery and life cycle maintenance. We back up what we design and manufacture to ensure that you receive complete technical and process support on-demand.

IMPACT COLLECTIVE

theventures



Water Life Systems Inc was recently named one of the 21 Early-Bird nominees in the inaugural 2020 Impact Collective Asian Cleantech Accelerator cohort. This opportunity is already allowing WLS to network with Asian talent and refine business models for company entry into the vast and diverse Asian markets. WLS can help the world achieve the United Nations SDG 2030 target.

Impact Collective is a United Nations sponsored community-driven acceleration program for startups focusing on opportunities in Asia. They invest in, support, and connect startups that are solving global challenges to accelerate the positive impact in the world.

The 100 startup teams from around the world who are admitted to the Main Round are granted the opportunity to join Impact Collective Camp, Cross-border Launchbox, Office hours, Home group check-in, and Fireside Chat.

Information on the 100 startups admitted to the Main Round will be posted in the Admitted Channel of the IC Community platform. All IC Community members can access the Admitted Channel and read the business description of each team. However, confidential information, such as revenue and detailed investment history, is provided only to Judges and Experts in the IC community.

“Impact Collective is a United Nations sponsored community-driven acceleration program”

Judges will assess teams based on the activities and interactions held on the IC Community platform as well as a series of Main Round events. Out of the cohort of 100, 20 startups are selected as finalists. All 20 finalists are granted a Citypreneurs Prize by WFUNA (World Federation of United Nations Associations). IC Fund preferentially considers the finalists in its investment decision.

Community-driven Investment & Acceleration for Impact Makers

Do you want to participate in the Impact Collective Community (ICC) and support the selected Impact Makers? Join our community [here](#).

You are all invited to become Impact Collective Asian SDG Accelerator community judges, and PLEASE VOTE FOR WATER LIFE SYSTEMS

<https://docs.google.com/forms/d/e/1FAIpQLSedxDm6sHyEkWFqYAYL6RLo218vA7Poao34XVQJe8y0BV7tcw/viewform>

- Please note that you must first join the community, and the maximum votes one judge can give per team is 10 votes!

- Also, not all community judges' application are accepted, but a rule of thumb is if you have any expertise based on experience that may add value to Impact Collective, you will most likely be accepted to be our community judge!

Thank you for your consideration!

#water

#sanitation

#foodsecurity

#technology

#innovation

#WeCanSaveTheWorld

SUSTAINABLE DEVELOPMENT GOALS



#WeCanSaveTheWorld

The core mission of WLS is to increase global resiliency and sustainability in water, sanitation, and food security systems.

The world's rapid population growth, coupled with rapid climate change, is increasing the competition for resources. At WLS, we're committed to doing our part to operate sustainably. Our innovative solutions provide resource conservation, energy savings, the reuse of water, food security, and better population well-being and health outcomes.

Advanced O3In-Gen™ technology is one example of WLS' focus on cost savings and increased treatment effectiveness. O3In-Gen™ is used in WLS' PureBOX™ distributed / decentralized package plants and controlled environment food production systems. The systems are ideally suited for a scalable solution to provide clean water, wastewater treatment, and food security for all by 2030 in a world where billions of people do not have access to sufficient water supply and sanitation services. We envision a world without waterborne pollution

and the abundance of freshwater for all using our water treatment and monitoring systems, which correspond most directly to the United Nations Sustainable Development Goals SDG 6 - Clean Water and Sanitation.

At WLS, we're committed achieving the United Nations Sustainable Development Goals (SDGs) by the 2030 goal date. This collection of 17 global goals is designed to be a "blueprint to achieve a better and more sustainable future for all." Our operations and solutions contribute to all the UN's SDGs.

This Issue's SDG Provided by Water Life Systems

World Economic Forum 2020: "The global water crisis is one of the greatest threats to humanity."

The "traditional" way of living is not sustainable for life on Earth. Water Life Systems leadership, in living through their own climate-caused near disasters, being Vancouver drought in 2015 and the 2017-18 Day Zero scare in Cape Town, South Africa, have developed water supply, sanitation, and food security Micro-Utility solutions that can be deployed into the built environment on a global scale. Tech components can be integrated into centralized systems.

WLS systems are at the core of providing water stressed populations with clean water and sanitation services. Currently some 2.2 billion people worldwide do not have sufficient drinking water services, 4.2 billion people do not have safely managed sanitation services, and 3 billion lack basic handwashing facilities.

Much of the world is not set to meet United Nations Sustainable Development Goals with current systems thinking. No single solution will result in universal access by 2030. A range of adaptable and scalable solutions are needed to overcome geography, gender, and socioeconomic barriers.

SDG 6

Clean Water & Sanitation

6.1 Target

By 2030, achieve universal and equitable access to safe and affordable drinking water for all.

6.1.1 Indicators

Proportion of population using safely managed drinking water services.

6.2 Target

By 2030, achieve access to adequate and equitable sanitation and hygiene for all and end open defecation, paying special attention to the needs of women and girls and those in vulnerable situations.

6.2.1 Indicators

Proportion of population using safely managed sanitation services, including a hand-washing facility with soap and water.

6.3 Target

By 2030, improve water quality by reducing pollution, eliminating dumping, and minimizing release of hazardous chemicals and materials, halving the proportion of untreated wastewater, and substantially increasing recycling and safe reuse globally.

6.3.1 Indicators

Proportion of wastewater safely treated

6.3.2

Proportion of bodies of water with good ambient water quality

6.4 Target

By 2030, substantially increase water-use efficiency across all sectors and ensure sustainable withdrawals and supply of freshwater to address water scarcity and substantially reduce the number of people suffering from water scarcity.

6.4.1 Indicators

Change in water-use efficiency over time.

6.4.2

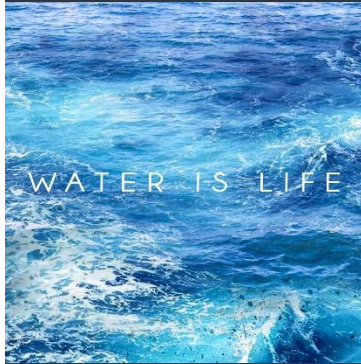
Level of water stress: freshwater withdrawal as a proportion of available freshwater resources.

6.6 Target

By 2020, protect and restore water-related ecosystems, including mountains, forests, wetlands, rivers, aquifers, and lakes.

6.6.1 Indicators

Change in the extent of water-related ecosystems over time.



Partnership Tracks

WLS offers various partnership solutions including:

- Integrated product distribution
- Individual tech component licensing
- Complete tech transfer programs for national solution integration

Technical expertise, geography and solution area of your business will determine which track best fits your business model. Partners can participate in one or more tracks, based on expertise and available production facilities.

[Click here for more information and to complete the application](#)

Would you like to participate in the WLS prime partnership program? Please fill out the application to help us determine how to best approach the partnership to ensure mutual success.

Water Life Issue 01 November 2020

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