



## Freshwater harvested from American tomatoes to positively impact millions of lives in drought-stricken California

In a world-first, a new sustainable and renewable source of potable water has been discovered utilizing award-winning globally patented technology that harvests the water naturally stored in plants.

Botanical Water Technologies (BWT) will play a major role in alleviating the world's water problem by delivering clean and safe drinking water to **100 million** of the world's most vulnerable people **by 2025**.

**Publication Date:** 16<sup>th</sup> May 2022



## Highlights

Ingomar Packing Company (Ingomar), one of America's largest tomato processors, has partnered with Botanical Water Technologies (BWT).

Their goal to harvest 1 billion liters of drinking water in 90 days from tomatoes to positively impact California who are amid a water crisis.

BWT has created an ecosystem that enables the harvesting, purification, and delivery of botanical water via a trusted blockchain water trading platform - built and powered by Fujitsu - to positively impact people and the planet.

The new platform tackles global water scarcity experienced by nearly two-thirds of the worldwide population and aims to realize sustainable, circular water usage where participants can gift potable water to social and environmental projects, which empowers organizations to make a real impact and achieve their ESG goals.

# 1 billion

liters of sustainable drinking water able to be produced in a 90-day period.

"We have found a way to grow up to three trillion liters of the world's first plant-based water. We plan on giving clean Botanical drinking water to 100 million of the world's most vulnerable people by 2025".

Terry Paule, Co-Founder and CEO - Botanical Water Technologies

---

## Global Water Crisis

The world is currently facing a water crisis. Water - a life-giving and finite resource - has seen demand increased six-fold over the past century because of exponential population growth.

By 2030, the gap between global demand and supply of fresh water is expected to reach as high as 40%. This projection may be further impacted by the ongoing climate crisis, population growth and the transition to clean energy.

## California's Emergency Water Conservation Measures

The California drought is affecting millions of people across the state. With water now inadequate for agricultural, wildlife and urban needs, the capabilities of farmers, fishermen, business owners and residents are being affected. Reservoirs are extremely low, and hydropower is restricted due to the continuing harsh and dry conditions.

With freshwater sources depleted, everyone is working tirelessly to perform a key role to use this resource wisely and efficiently.

## An Opportunity Arises

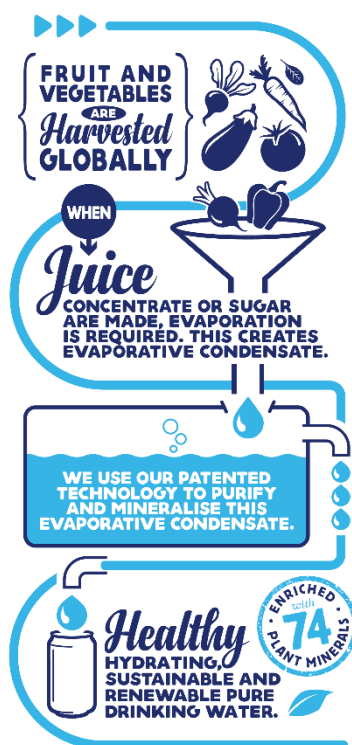
California is the largest processor of tomatoes in the US and in the world, they produce approximately one-third of the world's tomatoes and 95% of the United States' tomatoes.

Tomatoes are grown in the Sacramento Valley and San Joaquin Valley areas. The four largest counties for tomato production are Fresno, Kings, Yolo and Merced. The major planting periods are from late January-early June and the harvesting season ranges from late June-October.

Did you know that tomatoes are made up to 95% water? There lies a significant opportunity...

## About BWT

BWT is positively impacting water scarcity by providing a new source of drinkable, sustainable, plant-based water for social and environmental projects. It harvests water that naturally occurs in sugar cane, fruit, and vegetable, which is used for the company's own retail brand, AquaBotanical. Botanical water is distributed for retail (AquaBotanical), ingredient (for beverage companies) as well as social and environmental impact projects.



## A Partnership formed

America's second largest tomato producer, Ingomar has partnered with BWT to harvest the naturally occurring water found in their tomatoes to create the world's most sustainable drinking water.

Ingomar strives to be globally recognised as the premium supplier of industrial tomato products by consistently demonstrating their commitment to their employees, customers, and community.

Ingomar fully understands the stakes of environmental sustainability. Since 2010, they have implemented changes in their fields and facilities to cut down on waste and pollutants. Their general recycling programs have nearly eliminated the need for contributing to landfills. Their drip irrigation system has conserved water, and the development of a wetlands area has not only minimized water waste but also contributed to the flourishing of wildlife.

Ingomar can now produce up to 1 billion litres (~260,000 gallons) of potable water during their 90-day tomato harvesting season.

Ingomar's potable water will be provided to Merced, Fresno, Stanislaus, and Madera counties through the following social and environmental uses:

- Community Water – (e.g., mobile home parks and schools)
- Providing water to private household water storage tanks
- Ingredient for bottling companies to use for their beverages
- Water can be reused by food processors for agriculture or future production - creating a circular economy
- Environmental projects, consumed by people, and used for WASH projects (Water, Sanitation and Hygiene)
- Groundwater and municipal water replenishment





## Why Botanical Water?

- A new sustainable and renewable water source
- Avoid depletion of existing water resources (circular economy)
- Efficient and effective matching of water demand and supply
- Sustainable solution for fast-moving consumer goods (FMCG) production on a regional and global level
- Allocation of water for impact projects including water basin recharge and WASH programs
- Immediate results without expensive or complex projects
- Water security for commercial operations and communities
- Enables Corporates to become Water Positive and meet their Sustainable Development Goals (SDGs), via Water Impact Credits
- Blockchain and external certified, transparent process through the Botanical Water Exchange (BWX)

“We are proud to partner with BWT and become the first company to grow plant-based drinking water in America. California is facing a water crisis and we are honored to be making a difference.”

Greg Pruett, CEO - Ingomar Packing Company

---

## Botanical Water Exchange (BWX)

BWX has created an ecosystem that enables the harvesting, purification, and delivery of botanical water via a trusted blockchain water trading platform (BWX) to positively impact people and the planet.

“Reducing all wastage from industrial processes is a key pillar of a circular economy. We are on an exciting journey to create up to three trillion litres of the world's first plant-based water and give clean drinking water to 100 million of the world's most vulnerable people by 2025.” Terry Paule, Co-Founder & CEO of BWT has said.

When fruit and vegetables (including sugar cane) are pressed to extract juice and then evaporated to make concentrate or sugar, they produce a large volume of water in parallel. Until recently, this evaporative condensate was discarded, often to environmental detriment.

## Providing real time visibility of production

The new Botanical Water Exchange (BWX) platform relies on the FUJITSU Track and Trust service, which uses blockchain technology to ensure end-to-end transparency and traceability of processes, including the refinement, sales, purchase, delivery, and usage of the product.

The BWX can enable greater transparency and security in water trading, and aims to create an open market in which companies including juice concentration facilities, sugar mills, alcohol distilleries and beverage manufacturers can trade in water purified by the patented Botanical Water Technologies process.

The water trading platform ensures that all transactions related to the trading of purified, plant-based water are processed, recorded, reported automatically and are auditable.

The BWX attracts sellers and buyers of this new source of water together on one platform, but also supports the concept of sustainable water offsetting as part of water positive ESG programs.



### **Creating a sustainable and environmentally friendly water source**

Paule explains that “we want to be harvesting, purifying and delivering botanical water within a 200-mile radius to further reduce our environmental footprint”.

Each year, across 10,000 locations, up to three trillion litres of available botanical water that would otherwise be discarded are available to use for:

- “Ingredient Water” provided to food & beverage companies and other manufacturers for their products
- “Impact Water” gifted to people and the planet through social and environmental projects. Water Impact Credits purchased by Corporates and gifted to social or environmental water partners and can be used as a Water Positive Credit and contribute to SDG goals.
- Food processors for agriculture and future production (circular economy)

### **Environmental, Social and Governance (ESG) Opportunities**

Companies operating in water-intensive sectors seek reputable and trusted programs in support of SDG 6 (Clean Water and Sanitation).

Listed and non-listed companies are requiring investment into social programs to be highly impactful, verifiable, and reportable due to ESG, Sustainability disclosure and reporting requirements.

### **Botanical Water Foundation (BWF)**

“The Botanical Water Foundation exists to deliver our botanical water to people who need it most, at no cost. A charitable component will be embedded in every commercial transaction taken place on the Botanical Water Exchange. A minimum of 1% of every single transaction, will be used to fill a virtual silo. Our foundation will then work with many charitable organizations and impact partners across the globe who have existing infrastructure. We can provide them FREE water, funded by our virtual silo, via charitable organizations and other impact partners. In doing so, we can reach the world’s poorest people and positively impact millions of lives.” Paule concludes.

If you would like to learn more and help leave the world a better place, please visit [www.wegrowwater.com](http://www.wegrowwater.com).