



SNAPSHOT

The Company

Enova Water is a technology development company headed by water industry experts, with significant experience in both public and private sectors.

The Technology

Hydro Xero Gel Media, Enova Water's water and wastewater filter, effectively removes water contaminants, including arsenic, selenium, and chromium, and other known carcinogens. The used filter waste is air dried to 5% of the original volume to minimize disposal cost and environmental impact from the waste with a substantial cost reduction.

The Opportunity

Recent changes in regulations in water and wastewater and a shortage of clean water in the US and globally demands a new and cost effective treatment alternative. Among various contaminants, arsenic has the most urgent need for treatment with an annual treatment estimate of more than \$700million in the US.

The Goal

Enova Water is looking for \$2,000,000 series A equity investment but open to discussing other options

ENOVA WATER

Enova Water is a technology development company headed by water industry experts, with significant experience in both public and private sectors. The company provides innovative, low-cost, green technology solutions and products for water and wastewater treatment market, especially for industrial waste, refinery waste, or process waste containing metal contaminants such as arsenic, selenium, and chromium.

With IP reassigned from Caltech, Enova Water developed Hydro Xero Gel Media (HXGM), a low cost green innovation for water and wastewater treatment. The technology is based on a single use filter media designed to remove metal contaminants, such as arsenic, selenium, chromium, etc. in water by selectively removing them from water. After the contaminant removal capacity is exhausted, the filter media (small adsorption beads) are dried to decrease the waste volume and weight by 20 fold (or 5% of its original volume) to reduce the waste transportation and disposal costs. This makes the proposed water treatment technology simple, low-cost, and sustainable. The end product simplifies the treatment process compared to a chemical or energy intensive processes.

“Enova Water's solution mitigates the cost and complexity associated with implementing current water/industrial wastewater treatment systems,” said Dr. Min, CEO of Enova Water.

Continued Dr. Min, “the drinking water market for arsenic, which is effectively treated by our filter, is estimated at \$700 million annually in the US. About 13 million people and 4,000 water utilities are impacted by this contaminant. Globally, 137 million people in approximately 70 countries are impacted and are in need of cost effective treatment alternative. Arsenic is also prevalent in electronics industry, high efficiency solar panels, refineries, mining, glass manufacturing, alloys, timber treatment, and agricultural chemicals (pesticides).”

By providing a field tested solution based on proven science in specific niche market for municipalities and industrial sectors, Enova Water helps preserve the environment in a cost effective and sustainable manner by producing clean water without using chemical or energy intensive processes.

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