



...Environmental Impact

HTI's Forward Osmosis is a Green technology. This membrane separation technology has numerous, positive environmental effects.

In the Oil industry, the application of the technology:

- reclaims water previously lost from water cycle when deep injected into the earth
- reduces hauling and associated fuel consumption and environmental impact

In Landfills:

- cleans severely contaminated landfill leachate to very high purities reducing risk of serious environmental contamination

In Methane digesters:

- creates valuable Organic fertilizers from waste product, reducing consumption of commercial fertilizer
- reclaims water for reuse
- increases the economic viability of digester, encourages renewable energy projects reduces hauling and associated carbon footprint
- reduces storage burden of effluent, encourages plant expansion and more renewable energy capacity
- reduces risk of waste runoff and resulting river, groundwater contamination

In Disaster Relief:

point-of-use filtration of surface water eliminates environmental impact of bottled water in disaster relief settings, as well as the enormous carbon footprint of moving bulk water.