

Energy Recovery Solution

DDI Heat Exchangers Inc.

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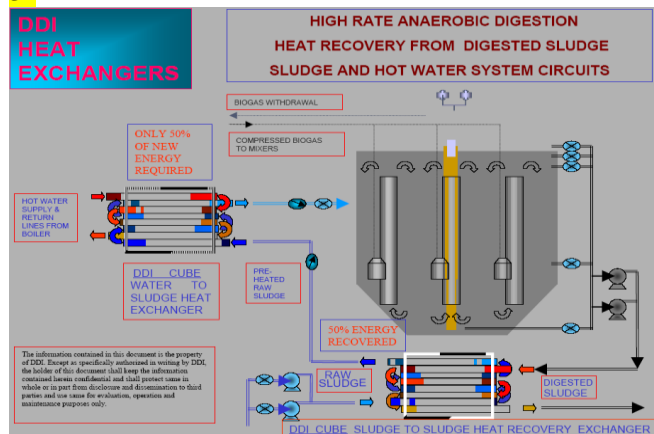
Partnering Objectives - We are looking for:

REPRESENTATIVES, PARTNERS

Hotel Chains
Engineering Firms
Builders
HAVC Contractors
Large workers buildings
Waste Water Treatment Plants operators.
Government - Energy Savings Departments



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Energy Recovery Solution for Large Buildings & Hotels & Workers Buildings & Laundromats & INDUSTRIAL, WWTP etc.

We Recover heat from

Wasted Grey / Black Water

In **LARGE BUILDINGS & HOTELS.**

We recover Heat from the

Wasted City Sewage, which flows in the city pipes below the street.

We recover heat in **WWTP**

"Waste Water Treatment Plants".

From **wasted hot digested Sludge** leaving the plant - **Directly** - to **Preheat** the cold raw sludge entering the plant.

Technology / Product:

INNOVATIVE APPROACH IN HEAT RECOVERY.

USING DDI Patented "Rectangular, Square, Cube" TM, Very LARGE GAPS. Failed attempts to modify Spiral, and Tube in Shell, Heat Exchangers for Heat Recovery application, due to PLUGGING or BAKING led to development of

DDI Large Gap Heat Exchangers that provide NON PLUG operation, despite presence of stringy and sticky materials.

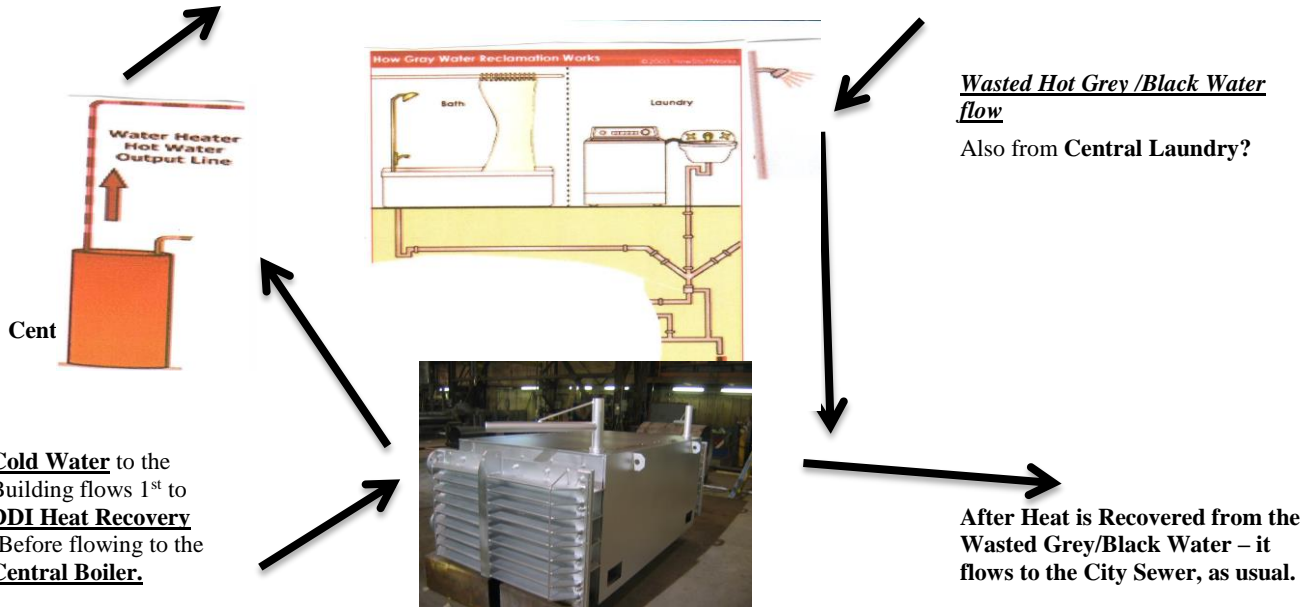
Markets:

- 1- **Wasted GREY / BLACK Water.**
Save 10-30% on buildings, Hotel's heating costs. DUE to DDI's Rectangular channels which comply efficiently with the law of DOUBLE Walls.
- 2- **Recovering Energy DIRECTLY from the CITY SEWAGE which flows below the building.**
Save 20-30% on building's heating & cooling. DUE to DDI's Rectangular channels. **Direct flow** of the City Sewage to DDI Heat exchanger. Without holding tanks nor screens nor macerators costs.
- 3- **WWTP, Waste Water Treatment Plants,**
Due to DDI's **DIRECT-Sludge-to-Sludge Heat Recovery** from Leaving Hot Wasted Digested Sludge – directly - to the Entering Cold Raw Sludge. Low risk of plugging due to **very large gaps**, low risk of baking to the surface due to controlled **fast flow** of both sludge sides.

DDI Heat Exchangers Inc., "RECTANGULAR, SQUARE, CUBE"™

Don't WASTE the WASTE, use DDI HEAT RECOVERY Exchangers. R

1 - Wasted GREY / BLACK Water - PRE-HEATING the Entered Cold Water



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DDI Sewage Heat Recovery from the CITY Sewage PIPES – SETUP ver 6

