

Containerized Waste Water Treatment Plants For Hospitals



Green **H**-MBR

Membrane Biological Reactor



GREEN H-MBR plants in containers are **easily integrated** in an environmental context: the reduced volumes necessary for treatment in fact **minimize the dimensions** and their **modularity** allows possible expansion over time.

They can be constructed quickly, are easily transported and are fast to install.

The architectural layout of the plants was defined to minimize the overall impact of the works. Designs including GREEN MBR in fact require little civil works to be carried out.

Thanks to the Membrane Bio Reactor (MBR) technology, the treated water is good enough to be reuse



STRENGTHS of GREEN H-MBR Waste Water Treatment Plant



- **Compact unit** designed to the dimensions of standard size shipping containers
- **Pre-treatment, denitrification, biological oxidation, MBR (membrane filtration), sludge recycling**
- Treated water can be **reused** for activities such as sub irrigation, toilet flushing or vehicle washing and else
- **MBR technology** reduces the system's footprint and therefore space requirement
- **No bulking or floating sludge**
- Modular so the system **can be scaled up or down** to cater to different capacity requirements



CONTAINERIZED WWTP GREEN MBR



Waste Water Treatment Plant 200 PE - work camp

Tengiz - Kazakhstan



3 MBR system Civil Waste Water Treatment Plant Containerized
In 40' insulated Containers

Waste Water Treatment Plant 200 PE - work camp

Tengiz - Kazakhstan



*MBR system Civil Waste Water Treatment Plant Containerized
In 40' insulated Containers*

Waste Water Treatment Plant MBR 750 PE

Linate Airport Milan - Italy



MBR system
Civil Waste Water Treatment Plant Containerized

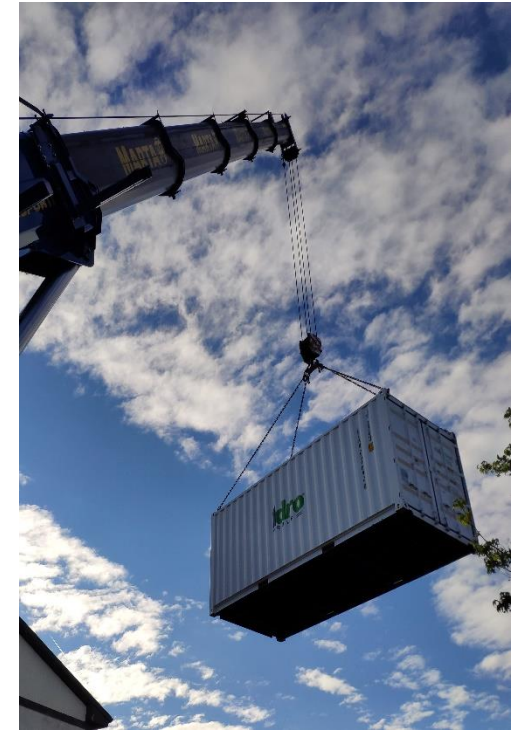


Waste Water Treatment Plant GREEN MBR DEN - 815 PE

Ghana



GREEN MBR system
Civil Waste Water Treatment Plant Containerized



Waste Water Treatment Plant GREEN MBR DEN - 1000 ae

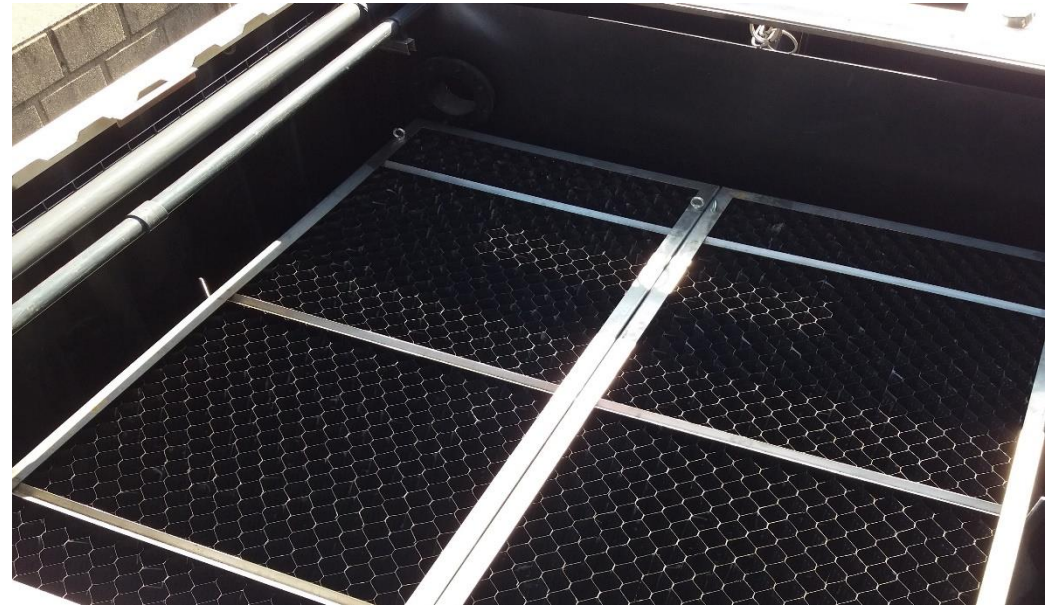
Ghana



GREEN MBR system
Civil Waste Water Treatment Plant Containerized

Waste Water Treatment Plant MBBR Technology - 64 m3/day

Gibuti



MBBR system
Civil Waste Water Treatment Plant Containerized



Waste Water Treatment Plant for OIL & GAS Industry

Burlinskij - West Kazakhstan Oblast



*Filtration Unit - Oil Separator Plant in container
for Rainy water with traced of oil and sand 25m3/h*



Waste Water Treatment Plant GREEN MBR

Addis Ababa - Ethiopia



GREEN MBR WWTP with MBR Technology

Waste Water Treatment Plant GREEN MBR - 9500 ie

Mozambique



GREEN MBR WWTP with MBR Technology





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