



Treatec21 Industries Ltd.

WASTE WATER TREATMENT SOLUTIONS

Treatec21 Industries Ltd. specializes in developing, manufacturing, upgrading, renovating & operating integrated advanced water & wastewater depuration systems.

TREATEC21 LTD'S TECHNOLOGIES:

Advanced Biological Treatment Technologies

MSBS – Multi-Stage Biological System. advanced highly-efficient method for treating industrial and municipal wastewaters.

Among its main advantages:

- No surplus organic sludge.
- Minimal installation & operating costs.
- Short installation period.

NEW – patent pending, Implementation of MSBS in aeration ponds providing high performance low cost waste water plant .



MBR + MSBS - membrane bioreactor combined with MSBS technology - producing no surplus of organic sludge and generating high-quality depurated effluents.

HEBS - Bio-electric hybrid systems, for highly polluted wastewaters.

Available configurations:

The above MSBS/MBR technologies can be implemented either as:

- Container-based systems for 25 m³/day to 200 m³/day.
- Underground cylindrical tanks for 25 m³/day to 1000 m³/day.
- Concrete-structure based reactors – any size.
- Design & Modification of aeration ponds to produce high-quality effluents with an unlimited capacity - using a new, patent-pending Treatec21 Industries Ltd's system.

Electrochemical & Physical Treatments

- Advanced UV/AOP system for municipal wastewaters.
 - Reduced investment & maintenance costs
 - Reduction of the use of chlorine, enabling safer & healthier operation and reducing ground contamination.
 - For the Industrial and municipal market
- AOP - (Advanced Oxidation Process) reduces dissolved COD to low levels.
- Electro coagulation - The effectors system, which enables high rate of impurities removal.
- Specialty developed systems based on membrane bioreactors (MBR), reverse osmosis (RO), ultra-filtration (UF) and nano-filtration (NF).
- Turn key tertiary treatment by using sand filtration, membrane & UV technologies.

Seeking

TREATEC21 INDUSTRIES LTD. Is actively looking for: Potential customers worldwide, joint ventures, strategic alliances, international distributors & possible cooperation of any kind.



Contact:

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