



FLOATING BIOLOGICAL PLANTERS SYSTEM

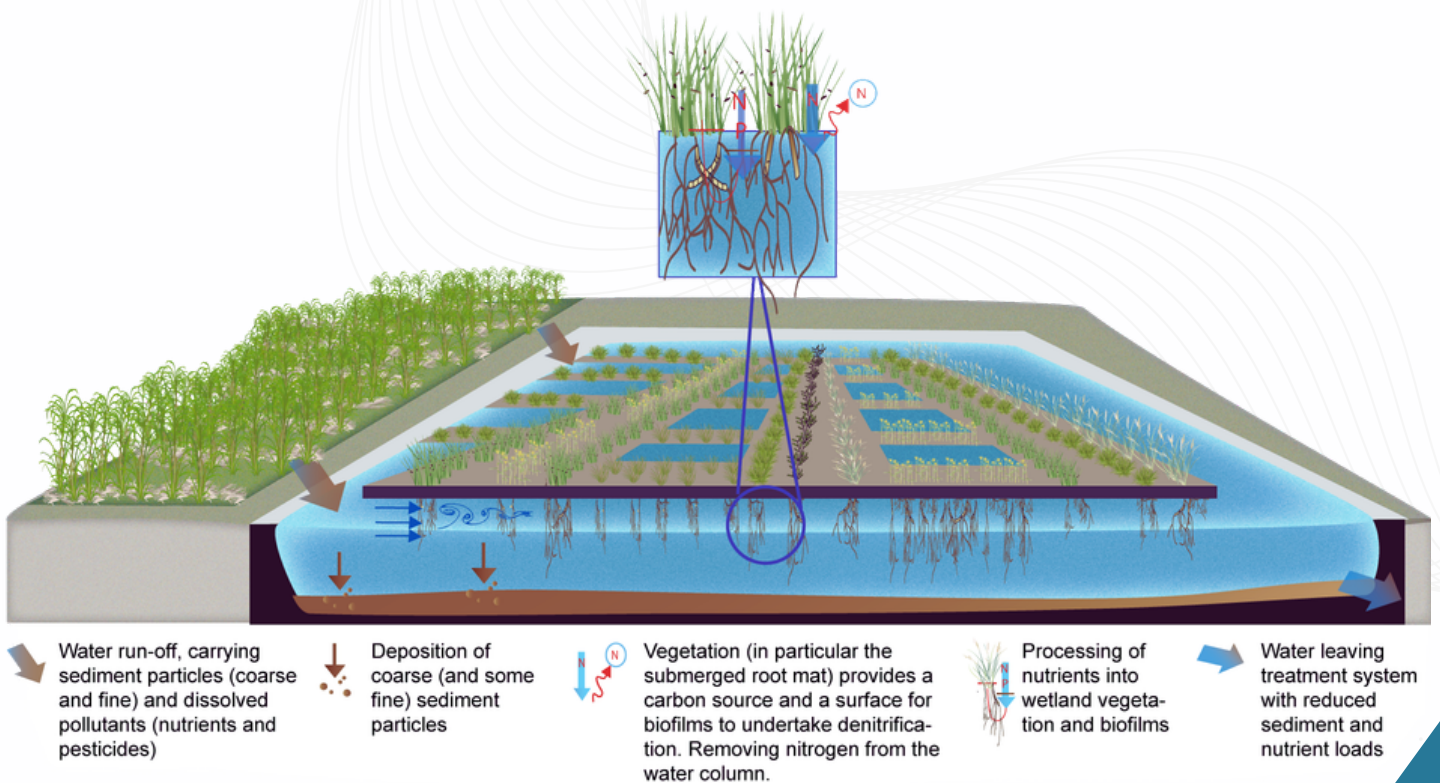
FLOATING BIOLOGICAL PLANTER SYSTEM

The Floating Biological Planter system is a sustainable, nature-based water treatment system that utilizes floating plants and microbes. They naturally remove pollutants, heavy metals, and nutrients, restoring water quality in lakes, ponds, and industrial sites. Perfect for urban, agricultural, and industrial applications.

The system creates a self-sustaining ecological habitat that enhances microbial growth, nutrient uptake, and suspended solids removal, making it ideal for lake rejuvenation and tertiary polishing.

MAIN COMPONENTS

- Floating media – LDPE, UV resistant and corrosion proof
- Biological Rope Media – High surface area fibers for biofilm attachment
- Aquatic Plants – Native macrophytes for nutrient absorption and habitat formation
- Anchoring System – Mooring cables and weights for stability



WORKING PRINCIPLE

- Microorganisms attached to biological ropes degrade organic matter and reduce BOD/COD
- Plant roots absorb Nitrogen and Phosphorus from water
- Biofilm promotes ecological food chain and biological balance
- Rope fibers trap suspended solids and enhance sedimentation
- Surface shading limits sunlight and suppresses algal blooms



APPLICATIONS

- Lake and pond rejuvenation
- STP/ETP polishing ponds
- Stormwater basins
- Reservoirs and river restoration
- Industrial and municipal tertiary treatment



KEY ADVANTAGES

- Environmental friendly and natural process
- Low operation and maintenance cost
- Improves biodiversity and aesthetics
- Modular and scalable design
- Simple installation and long service life



OUR MANUFACTURING FACILITIES



We are committed to solve water challenges of our customers and support them build a resilient and sustainable water infrastructure, that provides water for all



+91 968 769 3899

www.euroteckindia.com

marketing@euroteckindia.com



Factory

EUROTECK ENVIRONMENTAL PVT LTD

G-29 & G-30, GIP-Jadcherla, Polepally,
Mahaboobnagar, Telangana, India – 509301

Registered Office

EUROTECK ENVIRONMENTAL PVT LTD

504, Modern Profound Tech Park, White Field Road,
Kondapur, Hyderabad, Telangana, India – 500084