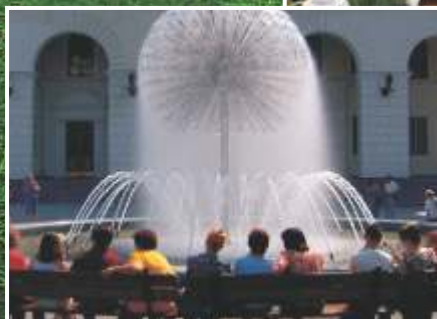
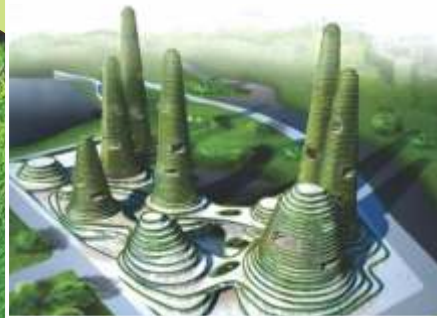




# LIFE GREEN SYSTEMS

Green Cities | Clean Waters | Better Life





# Company Profile

Established in 2000, Life Green Systems (LGS) is a Sustainability expert assisting its Clients and partners in planning, designing and implementing innovative Green solutions to our pressing problems. Our Clients include Architects, City Planners, Builders & Developers, Multinational companies and other end users.

**Mission :** To be a learning organization that sets the highest standards in our industry and provide our clients with innovative green products, solutions and world class services in Water Management and Urban Ecology

**Vision:** To contribute in restoring beauty and improving green infrastructure through innovative solutions for creating Green Cities, Clean Waters, and a Better Life.

## Projects Locations



## Our Services

Vertical Gardens  
Roof Gardens  
Permeable Pavers  
Sub Surface Drainage  
Fountains

Stormwater Management  
Modular Rainwater Harvesting  
Pond Development  
Pond / Lake Remediation  
Modular Waste Water Treatment  
Ecological Roads

Watershed Management  
Urban Flood Mitigation  
Water Audits  
Hydrogeological Investigation  
Landscaping Design and Consultancy

## MERITS OF OUR PRODUCTS



Made from  
recycled polymer



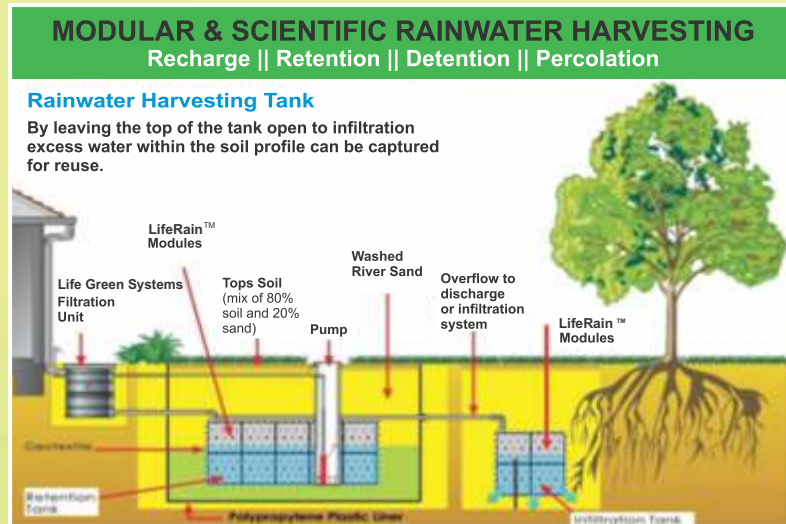
Modular-allows vertical  
& horizontal expansion.



Approved from NATA  
laboratories

# Modular and Scientific Rainwater Harvesting

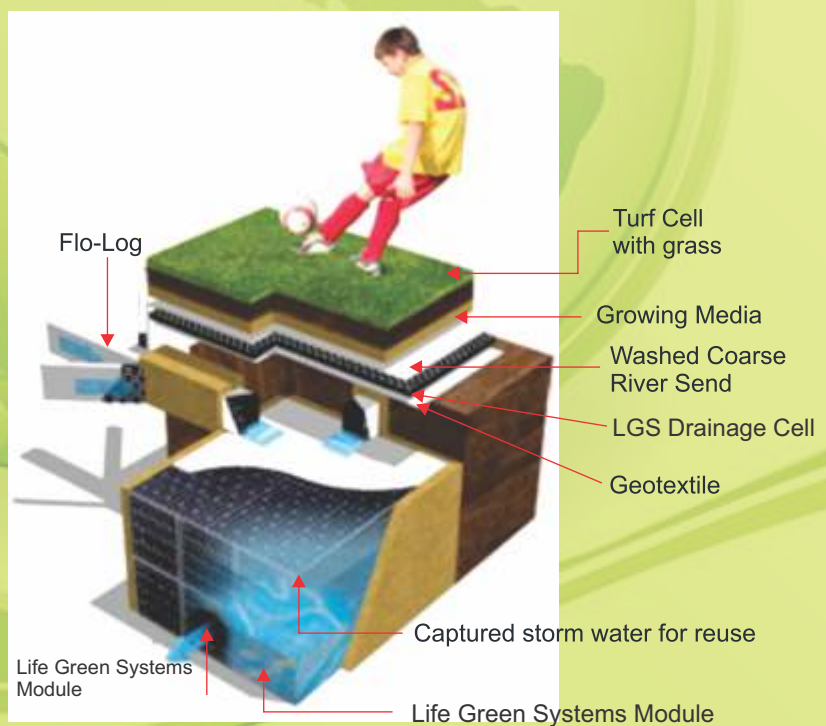
Recharge || Retention || Detention || Percolation



- ✓ Safe and load bearing
- ✓ Quick installation
- ✓ Clog free and reliable
- ✓ Effective storage capacity
- ✓ Very long shelf life
- ✓ Easy to expand
- ✓ Easy to relocate the tank
- ✓ Qualifies for getting carbon credits

## Sportsfield Drainage

- ✓ Continuous use of field
- ✓ Even playing surface
- ✓ Recycle rainwater
- ✓ Optimal growing conditions
- ✓ Little or no maintenance is required





# Beautiful Permeable Surfaces



Access Roads

Parking Bays

- ✓ Turf Cell reinforcement structure is the most effective product for both horizontal and vertical root growth
- ✓ Unlike concrete systems, the roots remain cool and grass growth thrives
- ✓ Driving vehicles onto the grass has no effect on the protected roots
- ✓ Access roads, footpath, parking bays, driveways

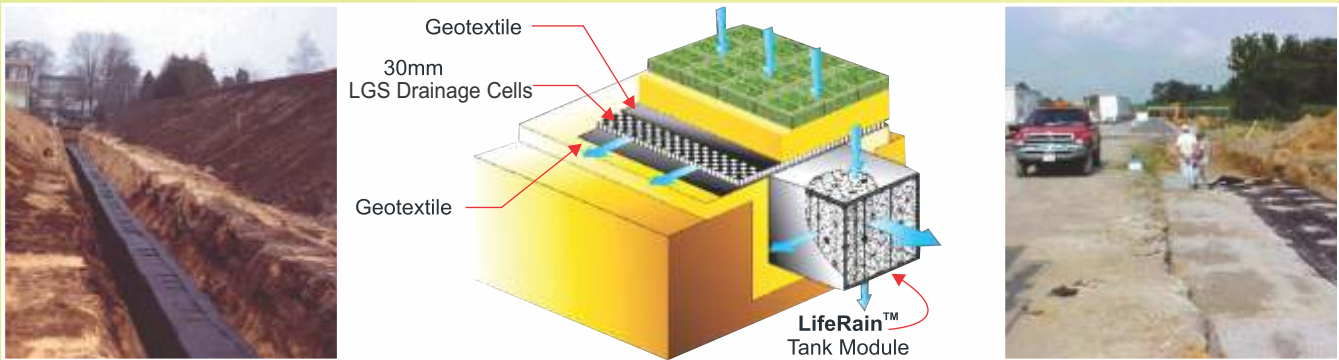


- ✓ Flo-Grid permeable paver contains U.V. stabilisers suitable for outdoor use
- ✓ Resists loads in excess of 120t/m<sup>2</sup>
- ✓ Flo-Grid used in combination with Life Green Systems Flo-Tank allows water runoff to recharge the ground water system



- ✓ Heavy Duty Road-Cell 52mm reinforcement structure creates a durable hard surface suitable for medium to heavy loaded traffic areas
- ✓ The sub-base required for cells is equal to less than the sub-base required for concrete or bitumen
- ✓ Can also be used as a reinforcement structure for landing strips

# Urban Flood Mitigation through Ecological Road Drainage



- ✓ Urban flood reduction
- ✓ Saves lives eliminating dangerous open water channels
- ✓ Reduces erosion
- ✓ Water reuse / harvesting
- ✓ Increases land use
- ✓ Increases road lifetime
- ✓ Supports heavy loads upto 148.58t/m<sup>2</sup>

## Vertical Drainage through Wall Panel



- ✓ Quick and simple installation
- ✓ Protects waterproof membrane
- ✓ Eliminates gravel
- ✓ Efficient drainage
- ✓ Strong structure



## Vertical Gardens / Green Wall / Facedes



- ✓ Rapid construction & plant installation
- ✓ Vertical & horizontal expansion
- ✓ Optimum moisture retention for plants
- ✓ Uses standard potting mixes
- ✓ Easy individual plant access
- ✓ Easy creative planting design
- ✓ Self supporting structure
- ✓ No framework required
- ✓ Structurally strong
- ✓ Modular planting system
- ✓ Easy to maintain
- ✓ Excess water capture system available



## Roof Gardens



- ✓ Light weight
- ✓ Efficiently removes only water
- ✓ Ensures ideal moisture conditions are maintained
- ✓ Life Green Systems Drainage cells feature unique cups for water storage
- ✓ Supports heavy loads in excess of 100t/m<sup>2</sup>



# Ecofriendly and Modular Waste Water Treatment



- ✓ Minimal energy requirement
- ✓ Membranes are non-biodegradable and chemically inert
- ✓ Silent with little or no odour
- ✓ Water treatment to an irrigation standard with zero chemicals
- ✓ No aerosols are produced



## Pond / Lake Development and Phytoremediation



- ✓ Pond development is done through rainwater harvesting and beautifying the pond through landscaping
- ✓ Phytoremediation is the onsite treatment of waste water using various plants emulating nature's wetlands systems
- ✓ Cost of the phytoremediation is lower than that of traditional processes both in situ and ex situ
- ✓ Phytoremediation is potentially the least harmful method because it uses naturally occurring organisms and preserves the environment in a more natural state.

## Watershed Management



Watershed management is the study of the relevant characteristics of a watershed aimed at the sustainable distribution of its resources and the process of creating and implementing plans, programs, and projects to sustain and enhance watershed functions that affect the plant, animal, and human communities within a watershed boundary.

- ✓ Manage water supply, water quality, drainage, stormwater runoff and the overall planning and utilization of watersheds.
- ✓ Helps in finding water flow pattern
- ✓ Improves the efficiency of water management programs by facilitating consolidation of programs within each watershed



# LIFE GREEN SYSTEMS

Green Cities | Clean Waters | Better Life

## Clientele



## Life Green Systems Ltd.

Head Office: 120, DLF Galleria, Mayur Vihar - I, Delhi - 110091

E-mail: [info@lifegreensystems.com](mailto:info@lifegreensystems.com), Call: +91-11-47541762, 8447751255, 8447751048

Delhi | Mumbai | Pune | Bengaluru | Jaipur | Kolkata

URL: [www.lifegreensystems.com](http://www.lifegreensystems.com)