



Saving Critical Ecosystems

2025-26



The Surajpur Wetland Cleaning Project, Greater Noida: Saving a critical ecosystem

Coforge is spearheading an audacious project to clean-up the 60-hectare Surajpur lake within the Surajpur wetland and forest area, in collaboration with GNIDA. The waterbody is home to several migratory birds, besides being critical to the local flora and fauna.

Currently degraded by untreated wastewater inflows, the waterbody will be cleaned by a scientifically-designed waste water treatment plant (WWTP), including a multi-drain constructed system, phyto-remediation and bio-remediation. The local community will be educated and engaged in long-term maintenance of the system.

Expected outcomes include

~64,735 ML/year

Wastewater treated

~22,657 ML/year

Groundwater recharge

~280 tCO₂ (20-year horizon)

Carbon sequestration

**31.25 tonnes of air pollutants
over 20 years**

1,000+ trees planted

Biodiversity enhancement



Amrit Sarovar, Noida: Rejuvenating a degraded pond

A pond rejuvenated by Coforge in Sector 135, Noida, is now a thriving ecological space. The following are the salient features:

- Sustenance by 3,20,000 litres of treated sewage water.
- **Planned installation of a 20 KLD Wastewater Treatment Plant (WWTP), with an estimated 3.6 ML of wastewater treated annually.**
- **Deployment of floating treatment wetlands, bio-enzymes, and native plantation, including the planting of 100 trees, to enhance water quality and ecosystem health across an 8.5-acre water body.**
- The restoration initiative is expected to generate a **groundwater recharge potential of approximately 5.58 ML per year**, support **carbon sequestration of about 28 tCO₂e over a minimum 20-year period**, and enable the removal of approximately **3.13 tonnes of air pollutants over 20 years**.
- The restored habitat now supports **hundreds of migratory birds**, contributing to improved biodiversity and long-term ecological resilience.





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