



Sustainable Technosolutions for Environmental Protection (STEP) Pvt. Ltd.

STEP was established in March 2010 by experienced professionals with environment and social science background. Apart from sound environmental engineering knowledge, our engineers have knowledge of ISO 15001, ISO 14001, Green Buildings, Carbon footprint assessment, Green Technologies and Sustainability reporting based on GRI guidelines. STEP can therefore provide a 'holistic' view to assignments.

Our work methodology is client specific. We understand client's operations; challenges & issues; analyse them and provide 'tailor-made' solutions. Other than designing end-of-pipe waste management solutions, through process audits, we guide our clients to reduce waste generation, recover solvents & chemicals, and recycle water. This helps clients in sustainable development through resource optimisation and cost reduction of waste management operations.

Our Services:

Sustainability and Environment Management

- ✓ Water footprint assessment & minimisation
- ✓ Environmental and social impact studies
- ✓ Design, evaluation & upgradation of waste treatment facility
- ✓ Engineering services for industrial environmental projects for Zero Liquid Discharge
- ✓ Process audit, resource optimisation and waste minimisation
- ✓ Evaluation of rain water harvesting system
- ✓ Knowledge management, Institutional development, and capability building programs

Corporate Social Responsibility (CSR)

- ✓ Focus areas: Environment & Sustainability, Sanitation, watershed management, solid waste management
- ✓ Technology based projects for CSR
- ✓ Impact assessment/ Benchmarking / Gap analysis
- ✓ Stakeholder engagement and mapping
- ✓ CSR sustainability
- ✓ Project management
- ✓ Capacity development programs for NGOs
- ✓ Social and environmental awareness
- ✓ Community engagement programs
- ✓ Knowledge management for environmental ethics, values and stewardship

Infrastructural Services

- ✓ Environmental and social impact studies
- ✓ Environment and Social Management Plans (ESMP)
- ✓ Feasibility study and Detailed Project Report (DPR)
- ✓ Design of sewerage network
- ✓ Design, evaluation & upgradation of Common Effluent Treatment Plants (CETPs) & Sewage Treatment Plants (STPs)
- ✓ Solid waste management & recycling

Business Advisory Services

- ✓ Environmental, technical, commercial evaluation & social due diligence for business investments, Merger & Acquisition
- ✓ Product testing for base of pyramid market, in sanitation and waste management
- ✓ Business growth strategy through resource management and sustainability
- ✓ Process intensification and productivity improvements
- ✓ Contract manufacturing of speciality chemicals for global/ Japanese companies
- ✓ Market research for specialty chemicals
- ✓ Cost minimisation through resource management using benchmark

Other Services:

Green Audits for institutes for NAAC Accreditation

Green Technologies for waste management and chemical processes

Focus Areas:



Green Technologies Promoted by STEP:

- ✓ Column chromatography- Separation of chemicals by adsorption for recovery of chemicals, and colour removal/ purification of chemical
- ✓ Downflow Gas Contractor (DGC) for effluent treatment, biogas upgradation & chemical reactions

Key Client List:



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