ENVIRONMENT MANAGEMENT SERVICES

About GMR Services

GMR Services Business is a part of the GMR Group, a leading global infrastructure conglomerate with interests in Airport, Energy, Transportation and Urban Infrastructure. It has on offer a variety of technical and non–technical services.

The experience and expertise gained over time in design, construction, operation and maintenance of world's finest airports at Delhi, Hyderabad and various locations overseas have imparted GMRSB with a cutting edge capability in offering cost effective services that add value to the client organization.

Our Strengths

Operating World Class Airports such as Delhi and Hyderabad.

Airports showcasing global sustainability benchmarks performances.

Airports have achieved some of the "world's first" recognition on Sustainability initiatives

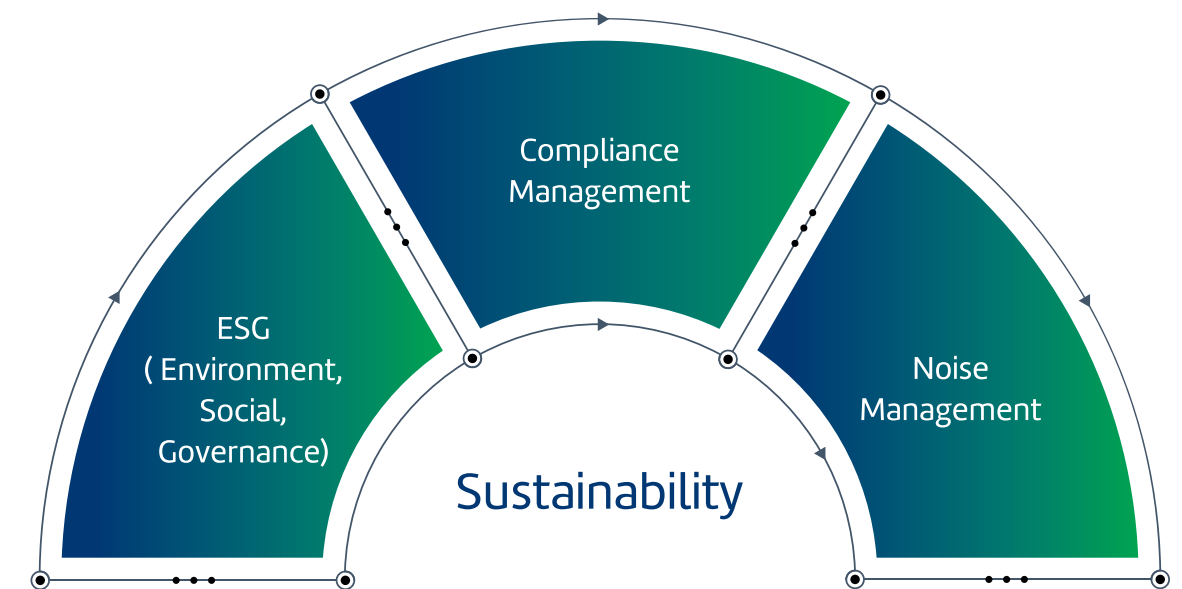Globally renowned Aviation sustainability expert leading a team of domain experts

Providing customized solution for addressing each sustainability and environmental aspects

Our Team of highly experienced and competent Environment professionals

Our Achievements

Asia Pacific's first Level 4+ (Transition) Certified Airport (Delhi)

Level 3+ (Neutrality) Certified Airport (Hyderabad)

Green Building Certified Terminal Buildings under LEED & USGBC (Delhi & Hyderabad)

GreenCo Platinum Rated Company (Delhi)

First Airport in India to come up with a Zero Emission Airport Roadmap by 2030 (Delhi)

Full compliances on Environmental legal requirements (Delhi & Hyderabad)

First Airport in India to set up comprehensive noise management activities (Delhi)

First Airport in the world to achieve ISO 50001 Certificate (Delhi)

Our Approach

1. Identify
GAP Analysis/Identify the client need / requirement / Problem statement / area of improvement

2. Analyze
AS IS Analysis /Review data /Information & Carry out root cause analysis

3. Discover
Discover solutions & Carry out technical, commercial, operational feasibility

4. Review
Review and consultation with clients to arrive at specific solutions

5. Deliver
Deliver the output, within time, with highest quality and meeting the expectation of client

Each pillar consists of services that aim to provide a unique set of competencies to help clients achieve specific targets and goals.

Why is Environment Sustainability Important?

Environment Sustainability improves the quality of our lives, protects our ecosystem and preserves natural resources for future generations. In the corporate world, sustainability is associated with an organization's holistic approach, taking into account everything, from manufacturing to logistics to customer service. Going green and sustainable is not only beneficial for the company; it also maximizes the benefits from an environmental focus in the long-term.

Imporatance of Sustanibility

| Ensures a Future For All | Reduced Energy Usage | Optimum Utilization of Natural Resources | Societal Improvements |

Objectives

- Turing around business with operation and management efficiency
- Seamless integration of facilities, systems, process and people
- Ensure smooth and hassle-free operation
- Emergency readiness on war footing
- Optimize the time and efforts
- Enhance Environment & Sustainability Performance

Why GMR?

- We offer a comprehensive range of end-to-end services to help organizations mitigate risks, implement better and more efficient processes, address stakeholder concerns and accomplish sustainability goals.

- Our Team comprises of highly experienced and competent Environment Professionals, Global Technical Experts (like- Sustainability, Climate Change & GHG, Compliance, Noise, Aviation Expert etc.)

- Our Team Members are holding various prestigious positions in Global and National Forums & Committees.

- We deliver Consistency of Service & Execution of Best solution.

- We understand that no client is the same and therefore we treat each relationship individually to elevate our value as your partner.

Environmental Sustainability

Sustainability is most often defined as meeting the needs of the present without compromising the ability of future generations to meet theirs. It has three main pillars: economic, environmental, and social. These three pillars are informally referred to as people, planet and profits.
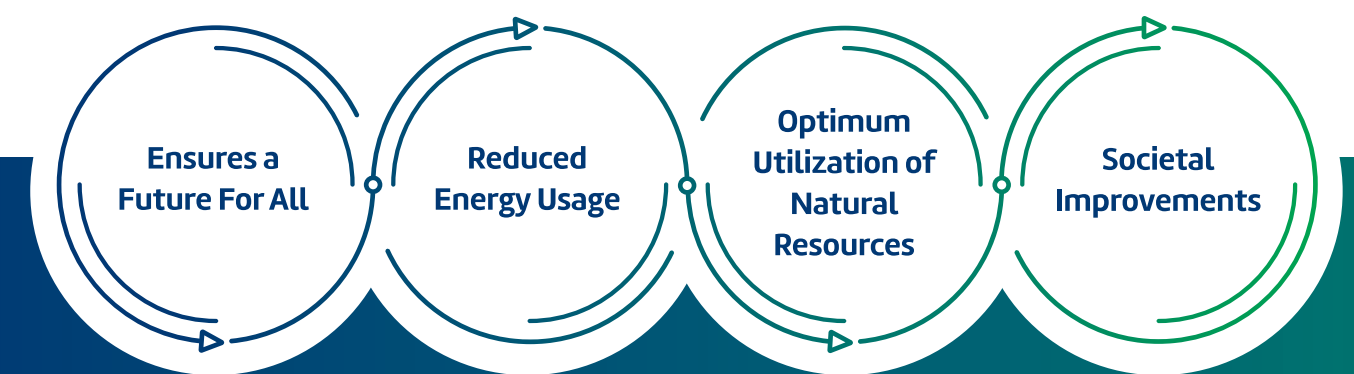
Environmental Sustainability is the responsibility to conserve natural resources and protect global ecosystems to support health and wellbeing, now and in the future. Having aims to improve human welfare through the protection of natural capital (e.g. land, air, water, minerals etc.).

Our services and solutions are based on the objective of ensuring responsible growth to build a better tomorrow, across three pillars:

1. Environment, Social & Governance (ESG)

Environment, Social and Governance or **ESG** is a form of sustainable investing that measures the impact of a company's ethical contribution to its stakeholders. ESG investing is based on the idea that only pressure from large investors can force the corporate world to behave responsibly from a social, environmental and governance perspective.

ENVIRONMENT

ESG INVESTMENT

GOVERNANCE

SOCIAL
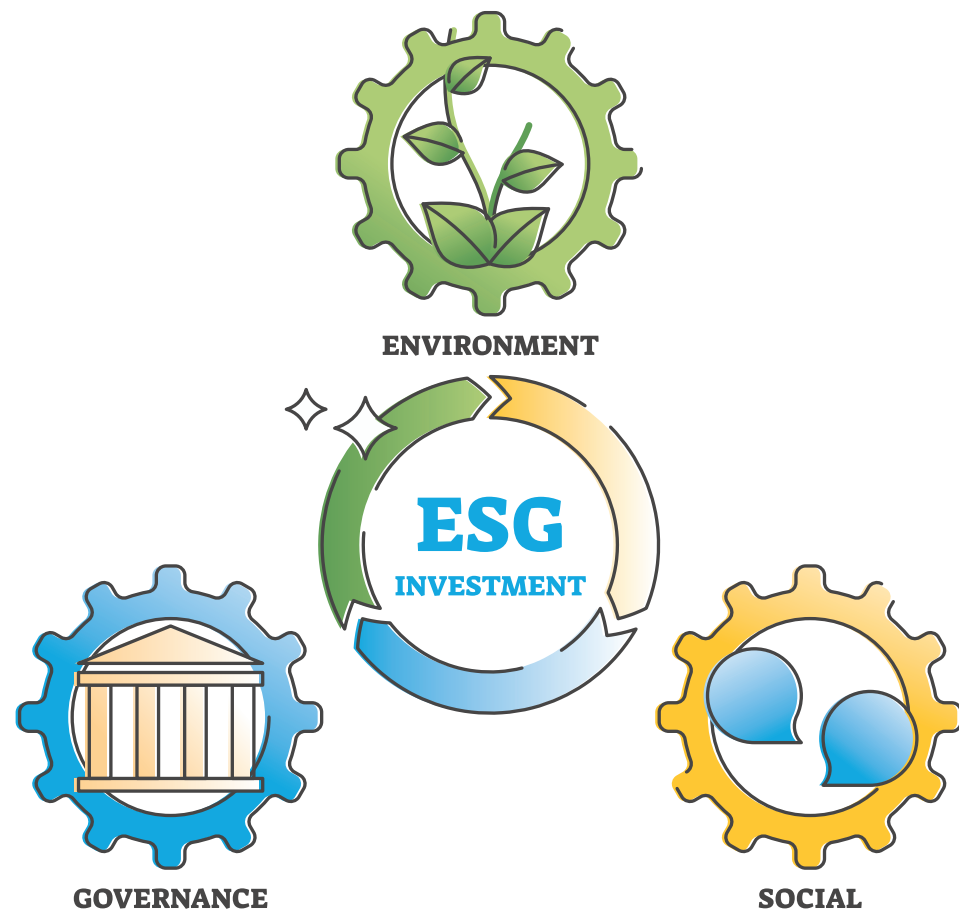
Objective of ensuring responsible growth to build a better tomorrow

Environment refers to the use of clean energy, waste management, and conservation of natural resources. Companies that follow energy harvesting by natural means in development of its products, leads to safety and preservation of our natural resources.

Social criteria refer to business relationships. It includes corporate social responsibility and what a company gives back to society from its earnings and profitability. It refers to protection of human capital, human resource rights and community standards and favorable labor policies by company management towards the workforce.

Governance refers to how ethical the management is in conduct of its activities? What are the accounting, taxation and management rules followed? Companies that score high on Corporate Governance are clean and transparent in their books of accounts. Such companies maintain a good **Debt to Equity ratio**.

Some of the parameters considered in ESG Investing are resilience, resource utilization, business ethics, human capital and occupational health and safety, land and biodiversity, product governance.

According to a Morgan Stanley survey conducted in 2019, 85% of retail investors are interested in sustainable investing.

Benefits of Investing in ESG

Turning around Business with operational & Management efficiency

Process Integration among various departments

Optimum use of time, energy, resources & enhance overall reputation of organization

Cost Saving

Alignment with Net Zero Requirements

Better CSR Rating

Enhance Performance

Renewable Energy adoption

According to The Economic Times in an article dated July 5, 2021, following ESG Practices in an organization resulted in better operational performance in 88% of companies, and better stock performance in 80% of the companies. It lowered the cost of capital for 90% of companies. Companies with high suitability scores showed better operational performance, less investment risk and higher resilience.

Nature of Services offered

ESG Reporting– GAP Analysis; Feasibility Study; Audit & Due Diligence
Net Zero Carbon Management
GHG Management (Airport Carbon Accreditation, ISO 14064
Green Financing (Bond/Loan) Strategy
Solar Energy Management – Sustainability Strategy, Use of technology, Monitoring carbon emission
Air Pollution Management
Sustainability Framework Management
Risk Management–Future proofing of business through risk based approach & Strategy
Waste Management – Prevention, Reuse, Recycling, Energy recovery planning
Training on ESG Awareness & Standards, GHG Management & Accounting, Sustainability Reporting etc.

Why ESG is required

India has introduced new environment, social, and governance (ESG) reporting requirements for the top 1,000 listed companies in the country by market capitalization. The Securities and Exchange Board of India (SEBI) stipulates that the disclosure must be made through a new format, namely the Business Responsibility and Sustainability Report (BRSR). BRSR reporting has been made voluntary for FY 2021–22 but will be mandatory from FY 2022–23 & SEBI may ask all companies for BRSR in coming future**.

2. Compliance Management

Compliance management is a collective term for all the tools and processes a company implements to ensure compliance with the rules. These rules include both outside regulatory and legal requirements as well as internal policies and bylaws. Compliance management tools and processes aim to detect compliance violations and also protect a company from these violations which can cost a company considerable reputational damage and high financial penalties.

In today's competitive business landscape, transparency is essential to building trust with your customers, employees, and stakeholders. Adhering to laws put in place to ensure fair and civil business practice is in an organization's best interest. While the necessity for compliance varies across public, private, large and small corporations, investing in compliance is better done earlier rather than later, as the costs of noncompliance can be detrimental to both the financial state of a business, as well as its reputation.

Compliance Management enables an organization to identify aspects and related impacts and assess the potential risk that it exposes the organization to both with and without control measures.

Benefits of Investing in Compliance Management

Compliance Assessment & Due Diligence

Clearances & Permissions Management

Risk Management; Future Proofing; Improving Risk visibility

Attracts Investors

Increase Profitability

Competitive Advantage

Improves operational efficiency and safety

Enhances Public Relations

Adds Transparency

Legal Requirements

Nature of Services offered

Feasibility Study; Audit & Due Diligence
Advisory on Environment Clearances & Permissions
Infrastructure Development for Environmental Compliance
Advisory services on Complinace Management, Environment management systems
Technical/IT based solution for Compliance Management
Risk Management & Mitigation – Identify, Strategize, Mitigate
Regulatory Requirement Assesment
Training on Compliance & Legal Requirements ISO 14001 based Environment Management
Compliance Complain Management – Listen, Identify and Explain
Compliance Related Legal Requirement

3. Airport Noise Management

The goal of Airport noise management is to maintain low noise exposures, such that human health and well–being are protected. The specific objectives of Airport noise management are to develop criteria for the maximum safe noise exposure levels, and to promote noise assessment and control as part of environmental health programs.

Noise control is an important aspect of health and safety. Undue exposure to noise can cause hearing loss, which is one of the most common negative health effects. Noisy environments may also hinder safety–critical communication, increase stress, or cause distractions that increase cognitive load, thus hindering the ability to work safety.

The noise control process involves multiple steps. First, potential sound sources—including electronics, sources of vibration, and sources of airflow—must all be identified, and their respective sound levels must be quantified. These noise sources are then controlled by replacing them with lower–noise substitutes, reducing the noise they emit, or using building/environmental materials with noise–absorbent properties (acoustic barriers). If this is insufficient to reduce noise to an acceptable level, employees must be protected via administrative policies or through the use of PPE to lower their sound exposure.

"Research shows 49% of workers report not being able to concentrate easily, while the average person loses 86 minutes per day due to distractions."

Benefits of Investing in Noise Management

| Better Productivity | Noise Management Framework for Growth Opportunity | Reduce ECHO | Optimize the time and efforts | Environment Protection |

Nature of Services offered

Aircraft Noise Mapping; Setting up Noise Monitoring Systems
Noise Management Strategies; Set up of Aircraft Noise Monitoring Terminals
Airport Noise Study & Strategic Planning
Training on Noise Management on Airport & Aircraft Noise Management
Develop Noise Complaint Redressal System – Listen, Identify, Explain