



GMR Hyderabad International Airport Ltd.

- GMR Hyderabad International Airport Ltd (GHIAL) is a Public Private Partnership (PPP) Enterprise for building and operating Rajiv Gandhi International Airport, Hyderabad.
- Total area of land : 2223 hectares
- The Airport was commissioned in 2008
- Airport capacity : 12 million passengers and 3 lakh tons of cargo handling per annum
- GHIAL is a joint venture company promoted by;

63%

11%

13%

13%

2

Humility | Entrepreneurship | Teamwork and Relationships | Deliver the Promise | Learning | Social Responsibility | Respect for Individual

GMR Group & its Vision GAR

GHIAL is a part of 5 billion dollar GMR Group which has got strong presence in the infrastructure area, particularly Airports, Energy and Highways


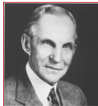

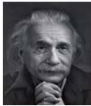



Vision

“GMR Group will be an Institution in perpetuity that will build Entrepreneurial Organizations, making a difference to Society through creation of Value”

Humility | Entrepreneurship | Teamwork and Relationships | Deliver the Promise | Learning | Social Responsibility | Respect for Individual

3

...by establishing a culture ingrained in deep rooted Values & Beliefs GAR


<p>Mokshagundam Visvesvaraya</p>  <p>Deliver the promise</p> <p style="font-size: x-small;">We value a deep sense of responsibility & self discipline, to meet & exceed on commitment</p>	<p>Henry Ford</p>  <p>Entrepreneurship</p> <p style="font-size: x-small;">We seek opportunities. They are everywhere.</p>	<p>Mahatma Gandhi</p>  <p>Humility</p> <p style="font-size: x-small;">We value intellectual modesty and dislike false pride and arrogance.</p>	<p>Albert Einstein</p>  <p>Learning</p> <p style="font-size: x-small;">Nurturing active curiosity - to question, share and improve.</p>
<p>Edmund Hillary & Tenzing Norgay</p>  <p>Teamwork & Relationships</p> <p style="font-size: x-small;">Going beyond the individual - encouraging boundary less behavior.</p>	<p>Martin Luther King</p>  <p>Respect for individual</p> <p style="font-size: x-small;">We will treat others with dignity, sensitivity and honor.</p>	<p>Mother Theresa</p>  <p>Social responsibility</p> <p style="font-size: x-small;">Anticipating and meeting relevant and emerging needs of society.</p>	

Humility | Entrepreneurship | Teamwork and Relationships | Deliver the Promise | Learning | Social Responsibility | Respect for Individual

4


Driven by Group's Passion, Patience & Perseverance,
we have come a long way...

GAR




Creating Tomorrow, Today

1994



Entry into Infrastructure
200 MW IPP in Chennai

2013



Gaining momentum
3 Airports
8 Highways / 1 Projects
6 Power Plants / 11 Projects
4 Coal Blocks
2 Power Transmission Projects

2015

Large & diversified infrastructure player
3 Airports
9 Highways
2 Special Investment Regions
10 Power Plants / 7 Projects
4 Coal Blocks
2 Power Transmission Projects

GMR Infrastructure Ltd, listed at Bombay Stock Exchange & National Stock Exchange in 2006

5

Humility | Entrepreneurship | Teamwork and Relationships | Deliver the Promise | Learning | Social Responsibility | Respect for Individual

RGI Airport - Phased Development

GAR

GHIAL commissioned RGI Airport in a record time of 31 months

	Design Capacity mppa	Construction-Start/Finish
Phase 1	12	March 2008
Phase 2	20	As per traffic trigger
Phase 3 & 4	40	As per traffic trigger

6

Humility | Entrepreneurship | Teamwork and Relationships | Deliver the Promise | Learning | Social Responsibility | Respect for Individual

Key Features of the Airport GAR

A few firsts in India





- Fully automated Airport Operations Control Center (AOCC)
- Tallest ATC Tower (75 m)
- Longest taxiway (4395 m);
- Code F facility : A380 Compatible
- Open Access model for fuel supply
- 4 level inline baggage screening
- Swing-gate Operations

Emphasizing passenger comfort


- International brand Concessionaires
- 5 Star Airport Hotel
- CUTE (Common User Terminal Equipment) & CUSS (Common User Self Service) enabled check-in.
- Slumber lounge with shower and nap facilities.
- Apollo Medical Centre
- Transfer facility

Humility | Entrepreneurship | Teamwork and Relationships | Deliver the Promise | Learning | Social Responsibility | Respect for Individual 7

GHIAL has received several awards GAR

-  **Leadership in Energy & Environmental Design (LEED) “silver rating”**
- 1st airport in Asia & 2nd airport globally to have won this certification.
-  **Outstanding Concrete Structure of AP award 2008 by Indian Concrete Institute (ICI)**
-  **World Routes award by ORBIS UK, for CSR projects undertaken around the Airport**
-  **CNBC Infrastructure excellence award for Airports**
-  **Best Airport Marketing award (Asia) in 2009 and again in 2010 in Routes Conference**
-  **World's best airport in ACI ASQ 5-15 mn pax category in 2009 and again in 2010. World's 3rd best in 2011. World's 2nd best in 2012**
-  **CAPA Environment Award of the year : Airport, 2009**

Certifications:

-  • ISO 9001-2008 (Quality Management System),
- ISO 14001-2004 (Environment Management System),
- OHSAS 18001 – 2007 (Occupational Health and Safety Management System),
- ISO 10002 – 2004 (Complaints Management System)
- ISO 20000 (IT Service Management)
- ISO 14064-1 : 2006 (Quantification & reporting of greenhouse gas emissions & removals)
- ISO 50001: 2011 (Energy Management System)

Humility | Entrepreneurship | Teamwork and Relationships | Deliver the Promise | Learning | Social Responsibility | Respect for Individual 8

GHIAL has received several awards GAR

-  'Favourite Indian Airport' award by Conde' Naste Traveller magazine
-  'Best Greenfield Airport in India' by Air Passengers Association of India
-  'Best Airport in India' National Tourism Award by Ministry of Tourism for 4 consecutive years 2009-10, 2010-11, 2011-12 and 2012-13
-  'Certificate of Merit' in National Energy Conservation Awards – 2011 by Ministry of Power
-  AP Garden festival- 1st prize 4 years in a row (2010, 2011, 2012, 2013), in Private Institutions category, by Department of Horticulture, Government of A.P.
-  BEST PERFORMING DOMESTIC AIRPORT award in SATTE 2012 Travel awards
-  Project Management Institute, Hyderabad for its outstanding contribution in the field of aviation.
-  Best Cargo Airport in India and Best Cargo Terminal in India 2012 Award by ACAA
-  Best Airport in the Indian Subcontinent - EMERGING MARKET AIRPORT AWARDS 2013
-  Best Airport under 10 mppa category in the World by Air Transport News

9

Humility | Entrepreneurship | Teamwork and Relationships | Deliver the Promise | Learning | Social Responsibility | Respect for Individual

GHIAL has received several awards (2/2) GAR

-  'Best Airport India' Award at the Skytrax World Airports Awards 2010 and 3rd Best in 2011 & No.1 in the year 2013
-  GHIAL has been awarded 5-star Rating and 'Sword of Honour' by British Safety Council for its Safety Management System.
-  Rajiv Gandhi International Airport, Hyderabad won "Best Airport (India)" Runner-Up in India's Best Award 2012 announced by Travel + Leisure India & South Asia
-  FICCI CSR Award 2012-2013 for its Corporate Social Responsibility.
-  First airport in the country and 2nd in Asia Pacific to receive Level 3 Accreditation by ACI for Airport Carbon Emission Management

10

Humility | Entrepreneurship | Teamwork and Relationships | Deliver the Promise | Learning | Social Responsibility | Respect for Individual

Sustainability initiatives at GHIAL GAR

With the firm belief that sustainable growth is not possible without paying the needed attention to Environmental Management and Conservation, GHIAL has taken several green and environment friendly initiatives

PROFIT



ECONOMIC ASPECTS

- Economic Value Generated
- Risks and mitigation
- Suppliers
- Local procurement
- Local hiring and job creation
- Investment in environment protection
- Investment in social development

PEOPLE



SOCIAL ASPECTS

- Community development
- Health and safety
- Best place to work
- Labour practices
- Human rights
- Product & service stewardship
- Bribery and corruption

PLANET



ENVIRONMENT ASPECTS

- GHG emissions management
- Material & energy intensity
- Green supply chain
- Reduce, reuse and recycle
- Clean energy use
- Waste reduction and management
- Water management

Humility | Entrepreneurship | Teamwork and Relationships | Deliver the Promise | Learning | Social Responsibility | Respect for Individual

11

Leadership and Environmental Management GAR

All the initiatives flow from a strong Environmental Policy with total top Management Commitment.





ENVIRONMENTAL POLICY

We at GMR Hyderabad International Airport Limited (GHIAL) consider environmental protection as an integral part of our business and are committed to conducting our business in an environment-friendly and sustainable manner, in line with our Vision, Mission, Values and Beliefs and Corporate Policies. As part of this commitment we will strive to conserve the environment by:

- Managing environmental aspects through identification, impact evaluation and providing suitable control measures
- Complying 100% with applicable statutory requirements
- Preventing pollution and maintaining optimum noise levels by adopting eco-friendly technology, infrastructure and practices
- Conserving natural resources by Reduction, Recycling & Reuse and promoting green economy, in particular, promoting eco-friendly products by encouraging local community
- Reducing greenhouse gas emissions through establishment of green buildings, conservation of energy, and opting for renewable energy & alternative fuels
- Adopting best environmental friendly practices for solid, hazardous and e-waste management
- Maintaining eco-system through Greenbelt development and other initiatives
- Sensitizing external and internal stakeholders through training and other awareness programs
- Benchmarking with eco-friendly airports towards achieving continual improvement in environmental performance and the overall environmental management system
- Reporting on our environmental performance and initiatives taken to achieve sustainability

We will communicate this Policy to all persons working for and on behalf of the organization. We undertake to review it periodically in line with the emerging requirements & practices, to achieve environmental sustainability.



G U G Sastry
Chief Operating Officer, GHIAL



Vikram Jaisinghani
Chief Executive Officer, GHIAL

05th October 2012

Humility | Entrepreneurship | Teamwork and Relationships | Deliver the Promise | Learning | Social Responsibility | Respect for Individual

12

Achieving sustainability through Environmental Best Practices

GAR

- ✓ Greenbelt Cover
- ✓ Green Buildings
- ✓ Energy Conservation
- ✓ GHG Management
- ✓ Air & Noise Pollution Control
- ✓ Water Management
- ✓ Solid Waste Management
- ✓ Environmental Quality Monitoring
- ✓ Environmental Promotion
- ✓ Community Development

13

Humility | Entrepreneurship | Teamwork and Relationships | Deliver the Promise | Learning | Social Responsibility | Respect for Individual

Green Cover

GAR

- In an area of 273 hectares, greenbelt developed with various plants
- 971 hectares of natural greenery undisturbed
- About 124 tonnes of CO₂ / annum removal from the environment
- RGIA received the best landscape award from the State Govt. in the years 2010, 2011, 2012 and 2013





14

Humility | Entrepreneurship | Teamwork and Relationships | Deliver the Promise | Learning | Social Responsibility | Respect for Individual

Green Building GAR

A structure that is environmentally responsible and resource-efficient throughout the building's life-cycle

RGIA's Passenger Terminal Building is certified for "Leadership in Energy & Environmental Design" (LEED) "silver rating" by the US Green Building Council (US GBC)

Humility | Entrepreneurship | Teamwork and Relationships | Deliver the Promise | Learning | Social Responsibility | Respect for Individual

Energy Conservation GAR

- GHIAL has achieved electricity savings of 3.397 million kWh (kilowatt hour) on an average in the last three years;
- GHIAL has been certified for ISO 50001, which is an international standard for energy management system

Some of the important energy conservation measures include:

- Introduction of energy efficient LED (**Light Emitting Diode**) lighting
- Implementation of **Building Automation System**
- Optimization of air conditioning units according to ambient temperature and weather conditions

16

Humility | Entrepreneurship | Teamwork and Relationships | Deliver the Promise | Learning | Social Responsibility | Respect for Individual

National Energy Conservation Award 2011 GAR



17

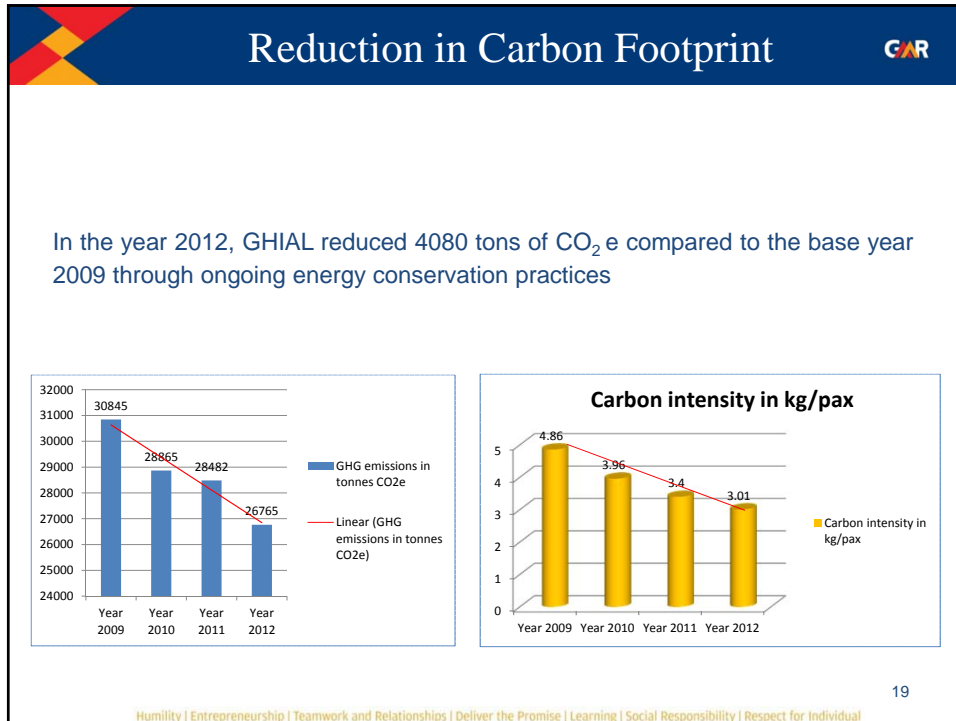
Humility | Entrepreneurship | Teamwork and Relationships | Deliver the Promise | Learning | Social Responsibility | Respect for Individual

Greenhouse Gases Management GAR

- **Management approach:**
 - Commitment in the environmental policy
 - Setting objectives and targets on GHG reduction
 - Providing necessary resources
 - Periodical review of the progress
- **Steps taken :**
 - A detailed action plan was prepared for reduction of carbon footprint
 - An action team was formed with representatives from the respective areas
 - Roles & responsibilities were clearly defined and communicated
 - Training was imparted to the teams
 - Stakeholders were sensitized

18

Humility | Entrepreneurship | Teamwork and Relationships | Deliver the Promise | Learning | Social Responsibility | Respect for Individual



Airport Carbon Accreditation GAR

- In recognition of carbon emission reduction achieved in 2010 and 2011... GHIAL received 'Level 2 – reduction' ACI-Airport Carbon Accreditation in 2012
- In 2012, the scope of the GHG was extended to the stakeholders (Aircraft LTO & ground handlers vehicles) and Level 3 – Optimisation ACI-Airport Carbon Accreditation was obtained in 2013
- RGIA became the 1ST Airport in the country and 2nd airport in the Asia Pacific Region to get the level 3 accreditation

8th ACI Asia-Pacific Small Airports Seminar
Engineering Airport Economics
November 2012

20

Humility | Entrepreneurship | Teamwork and Relationships | Deliver the Promise | Learning | Social Responsibility | Respect for Individual

Air & Noise Pollution Control

GAR

- Battery operated vehicles




- FEGP units for aircraft in place of Auxillary Power Unit




- Pollution Control Measures for DG sets
- Single engine taxing procedure / Restriction in the use of reverse thrust

21

Humility | Entrepreneurship | Teamwork and Relationships | Deliver the Promise | Learning | Social Responsibility | Respect for Individual

Wastewater Management

GAR

- Wastewater is being treated in Sewage Treatment Plant (STP) at site and reused for flushing and plantation
- Sludge from STP is being used as manure





22

Humility | Entrepreneurship | Teamwork and Relationships | Deliver the Promise | Learning | Social Responsibility | Respect for Individual


Rainwater Harvesting

GAR

- The runoff water is collected from the paved areas into three major drains in the airside
- Total runoff water collection facility is 1,85,000 KL
- The water is treated through Oil & Water separator
- The recharge basin contains 10 recharge structures. Each structure contains 5 recharge wells
- The rainwater net recharge is estimated at 1.729 million cubic meter per annum
- The water is used for flushing and irrigation



Holding tank



Recharge well

23

Humility | Entrepreneurship | Teamwork and Relationships | Deliver the Promise | Learning | Social Responsibility | Respect for Individual

Solid Waste Management

GAR

- Food waste generated from the airport is converted as compost on the site
- Compost generation is about 355 tonnes / annum
- Compost and STP sludge are being used as manure in place of chemical fertilizers





- Paper and plastic waste are being handed over to recyclers
- Used Oil, E-waste & Bio-medical waste disposed off to State Pollution Control Board authorised agency
- Used Lead acid batteries are handed over to dealers on buyback basis

24

Humility | Entrepreneurship | Teamwork and Relationships | Deliver the Promise | Learning | Social Responsibility | Respect for Individual

Continuous Environmental Quality Monitoring

RGI Airport is the first airport in the Country to commission an integrated online continuous environmental monitoring station.

Parameters Monitored

- **Ambient air quality** : PM10 & PM 2.5, sulphur dioxide and nitrogen dioxide, Sound level.
- **Weather** : Wind speed, wind direction, vertical wind speed, barometric pressure, air temperature, solar radiation, relative humidity and rainfall

In addition to this, a third party environmental quality monitoring is being done at 9 location in and around the airport



25

Humility | Entrepreneurship | Teamwork and Relationships | Deliver the Promise | Learning | Social Responsibility | Respect for Individual

Environmental Promotion

- All Environmental related days such as World Environment Day, Earth Day, Ozone Day, etc., are observed with total support of the stakeholders
- Various events are arranged for employees & their families, stakeholders and passengers to create the awareness and involvement



Let us observe  HYDERABAD 

"I realise that the food we waste can feed millions of people. Also, waste food products negatively affect the environment. Hence I pledge not to waste food"

26

Humility | Entrepreneurship | Teamwork and Relationships | Deliver the Promise | Learning | Social Responsibility | Respect for Individual



Humility | Entrepreneurship | Teamwork and Relationships | Deliver the Promise | Learning | Social Responsibility | Respect for Individual

Plantation by employees









29

Humility | Entrepreneurship | Teamwork and Relationships | Deliver the Promise | Learning | Social Responsibility | Respect for Individual

Promotion of Public transport







WHY PROMOTE AND SUPPORT PUBLIC TRANSPORT?

- It is less expensive, enhances social relationships and helps in road decongestion
- Helps in fuel conservation, lessen emissions of pollutants & volatile gases which lead to environmental conservation
- Lesser burden on the national exchequer by fuel conservation

DID YOU KNOW?

- Small Cars and SUV etc. emit (per passenger mile) almost 95% of CO (Carbon monoxide), 92% of volatile organic compounds and double the percentage of CO₂ (Carbon dioxide) and nitrogen, than public transport
- Energy conservation is better in public transport than individual cars
- As a means of transport, public transport minimises the air pollution levels and thereby lessen incidences of air related diseases
- Public Transport is about 79 times safer than personal transport
- An average person's carbon footprint is about 4.483 tons of CO₂ and over 40% of this comes from personal transport such as cars and motorbikes
- Nearly 359kg of CO₂ is saved by reducing just 20% of personal transport which is equivalent to CO₂ emission from a TV in 3 years




Let us observe



Promote Public Transport Support Green Initiative






Thank You for...

- ...Travelling by Public Conveyance
- ...Saving Fuel
- ...Conserving Environment
- ...Helping Decongest Roads







Deliver the Promise | Learning | Social Responsibility | Respect for Individual

Community Development GAR

- Community development is carried out by GMR Varalakshmi Foundation – the CSR arm of the GMR Group - with a team of dedicated professionals for this work
- The major thrust areas of work are:
 - Education
 - Health and Hygiene
 - Livelihoods
- The community service started in 2006. The Foundation works intensively in 5 villages and extensively in around 25 villages

31

Humility | Entrepreneurship | Teamwork and Relationships | Deliver the Promise | Learning | Social Responsibility | Respect for Individual

Education GAR

- Built a fully-equipped school at Shamshabad for imparting quality education. Run by Chinmaya Mission
- 20% seats in this school are sponsored through Foundation for poor and meritorious students from neighbouring villages
- **6 Government schools** and **7 Government Anganwadis** adopted. More than 2000 children benefitted.
- Infrastructure and support for education quality improvement (tuitions, vidya volunteers, teaching-learning materials, etc.).
- IBM Kids mart Centre for technology enabled and activity based learning in 5 schools






32

Humility | Entrepreneurship | Teamwork and Relationships | Deliver the Promise | Learning | Social Responsibility | Respect for Individual

Health and Hygiene GAR

- Mobile Medical Unit providing free healthcare and medicines to **over 800 patients of 55+ age** group every week, in partnership with Helpage.
- Free weekly medical clinics in 5 villages serving about **150 patients** per week.
- Over **1500 children** covered in health check-ups every six months
- 2 **Supplementary Nutrition Centres** for pregnant and lactating women in operation. Have served more than 400 women in the last few years.
- Eye camps and other targeted medical camps at regular intervals






33

Humility | Entrepreneurship | Teamwork and Relationships | Deliver the Promise | Learning | Social Responsibility | Respect for Individual

Empowerment and Livelihoods GAR

- A fully Residential Vocational Training Centre – **GMR Varalakshmi Centre for Empowerment and Livelihoods** started in airport campus. Short-term vocational courses offered free of cost to drop out youth from villages surrounding the airport.
- The training center runs vocational courses with industry partners like Voltas, Schneider, Hero MotoCorp, Jain Irrigation, etc.
- Trained close to 2000 youth with more than 80% placement from 2006 onwards
- More than 750 youth from around the area placed at the airport in entry-level jobs

34

Humility | Entrepreneurship | Teamwork and Relationships | Deliver the Promise | Learning | Social Responsibility | Respect for Individual

Empowerment and Livelihoods GAR

- Ladies Tailoring Classes at 4 villages. More than 700 women already trained. Specialized training on jute and paper bag making for income generation.
- EMPOWER is an initiative to enable marketing of hand-made products made by GMR locations as well as other women Self-Help Groups (SHGs)
- GHIAL has provided two shop spaces – one at international departures and other at Arrivals for this marketing initiative.
- Office sales and conference orders are other sources of revenue.
- The turn-over was Rs.75 lakhs for the year 2012-13.




35

Humility | Entrepreneurship | Teamwork and Relationships | Deliver the Promise | Learning | Social Responsibility | Respect for Individual

Awards and Recognition GAR

- CNBC TV 18 Best Corporate Citizen Award in 2010.
- GMR Infrastructure Ltd adjudged the First Prize Winner for the coveted TERI-CSR Award for 2008-09.
- RGIA-GHIAL was recognized as the Best Airport in the World for its CSR at the 14th World Routes Conference at Kuala Lumpur in Oct, 08.
- GHIAL has been awarded the FICCI CSR Award 2012-2013.



36

Humility | Entrepreneurship | Teamwork and Relationships | Deliver the Promise | Learning | Social Responsibility | Respect for Individual



RGI Airport is not simply a greenfield airport..... It is a green airport

We look forward to your encouragement for our Green initiatives....

Thank You

37

Humility | Entrepreneurship | Teamwork and Relationships | Deliver the Promise | Learning | Social Responsibility | Respect for Individual