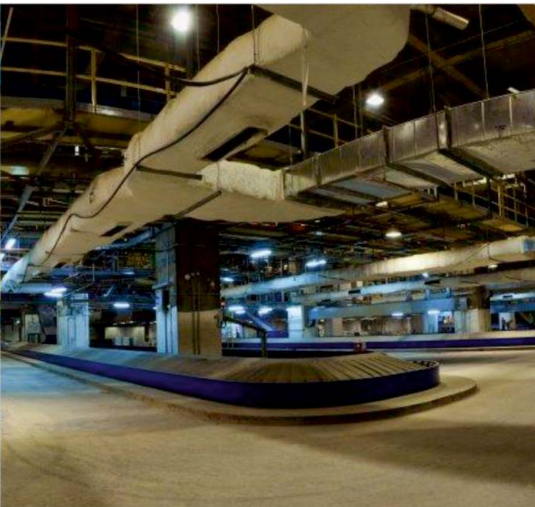
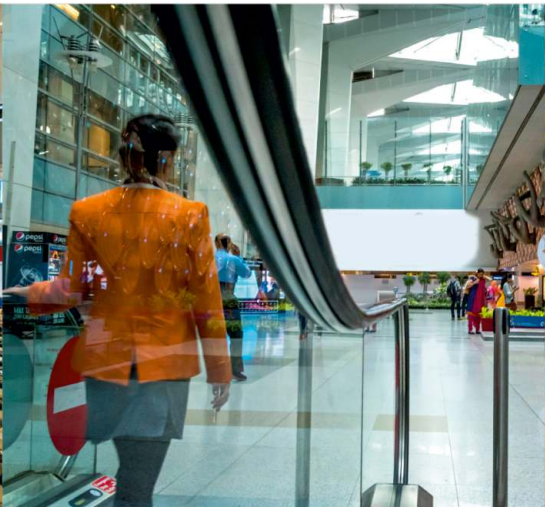




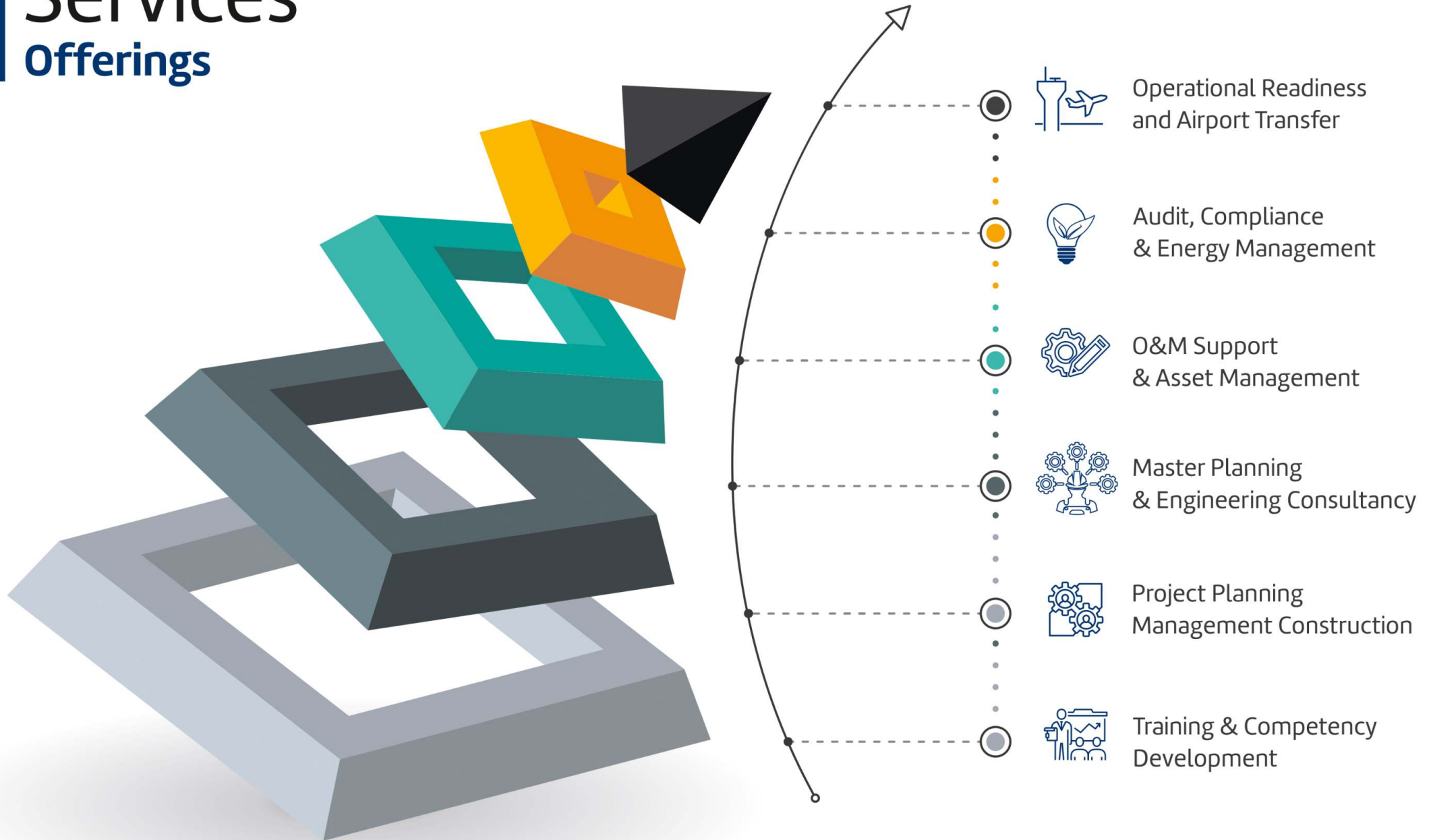
GEMS

GMR AERO

GMR ENGINEERING & MANAGEMENT SERVICES AIRPORT SYSTEMS



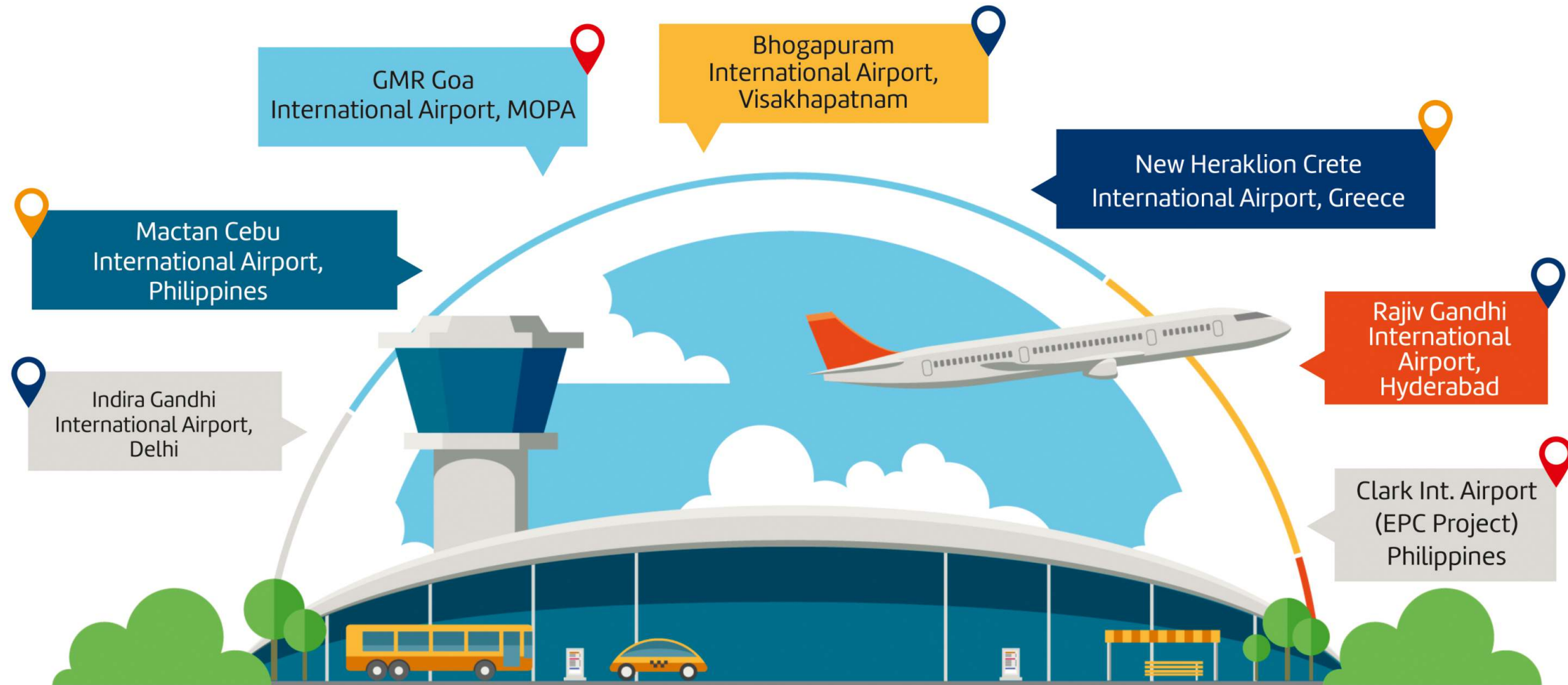
Services Offerings



Airport Systems Services

GEMS (GMR Engineering & Management Services) offers a comprehensive range of engineering and maintenance services for airports. It is presently providing these services at two of the

leading Airports in the world namely – Indira Gandhi International Airport, New Delhi and Rajiv Gandhi International Airport, Hyderabad.



Asset Details

Airport Sectors



Salient Features of our services at Delhi Airport

- **Operational readiness Airport Transfer:** Development of ORAT plan and training on specialized Airport System Equipment for more than 4500 Staff during Terminal Opening in 2010 for smooth transition.
- **Baggage Handling System:** O&M of IATA Level 5 Inline equipped BHS (span over 14 Km in Length, 322 Check-In Counters, 26 Reclaim Belts) with Serviceability & Availability (>99.5%) including support for HLC/LLC.
- **Security:** Designing Security Hold Area, Express Check-In Area along with development of online Portal for Automatic Tray Return System (10 Nos), DFMD for Data Analytics & increasing Operational efficiency.
- **Energy Savings:** Identifying and implementing Energy Savings measures to reduce Opex by 25%.
- **Aerobridges:** Operations & Maintenance of Aerobridges (Including BME) – 84 Nos (compatible with Wide Body Aircrafts such as A350, A380, B787, B777 etc.) at par with International Standards.
- **Advance Visual Docking Guidance System:** Maintenance of AVDGS-87 Nos (including updating of new Aircraft Profiles and handling of Interfaces with various Sub-Systems (AODB, IMB, UFIS, BMS).
- **Lifts, Escalators & Travellators:** Operations & Maintenance of Vertical & Horizontal Transportation System (219 no's) with cutting-edge online diagnostic tools and monitoring for faster response.

Salient Features of our services at Hyderabad Airport

- **Consultancy:** Consulting and development of various operational plan for Terminal Capacity Enhancement , delivering peer reviews, feasibility Study, cost-benefit studies, systems designs, budgeting, tender specification & asset management.
- **Baggage Handling System:** Operations & Maintenance of IATA Level 5 equipped BHS (inc 102 Check-in Counters, 09 Reclaim Carousels and Tilt tray sortation system) with Serviceability & Availability (>99.9%) including support for High Level Controls & Low Level Controls.
- **Self-Baggage drop:** Integration of State of Art SBD with Baggage Handling System for quicker Baggage processing.
- **Security Equipment:** Enhancement of Security Hold Area with implementation of ATRS (10 NOS) with UV disinfection system for Hand baggage trays to enhance the Passenger Convenience and safety.
- **Aerobridges:** Operations & Maintenance of Aerobridges –10 Nos at par with International Standards.
- **Visual Docking Guidance System:** Maintenance of VDGS –22 Nos (including updating of new Aircraft Profiles and handling of Interfaces with various Sub-Systems (AODB, IMB, UFIS, BMS).
- **Lifts & Escalators:** Operations & Maintenance of 71 Units of Vertical & Horizontal Transportation System with Stringent KPI's. & First airport to implement elevators touch less operation in coordination with OEM.
- **GPU (Ground Power Unit):** Operation and Maintenance of 16 No's of FEGPU to maintain carbon foot print at Airport premises.



Various Projects

Worldwide



Kannur International Airport, India

GEMS provided comprehensive support on Operational Readiness & Airport Transfer for ensuring smooth Airport Transition. GEMS conducted extensive Trainings & Trials engaging all stakeholders such that staff were familiar with an operational environment prior to Airport Opening.



Muscat & Salalah Airports, Oman

Support for Testing and Commissioning of Specialized Airport System equipment for Smooth Handover. Development of Standard operating Procedures for Airport Systems for operational efficiency and contingency measures. Review of Operations and Maintenance Manuals (O&MMs)



Clark International Airport, Philippines

Design, construction, Testing and commissioning of a new Terminal (Area 112,000 Sqmtr) with a capacity of 8 MPPA. Work Completed in record time of 24 months despite challenges posed by COVID-19.



Crete Airport, Greece

Designing of Specialized Airport Systems considering Passenger Convenience, Operational efficiency & Cost effectiveness. Preparation of Operational Readiness Plan including Trainings & Trails for new Terminal.

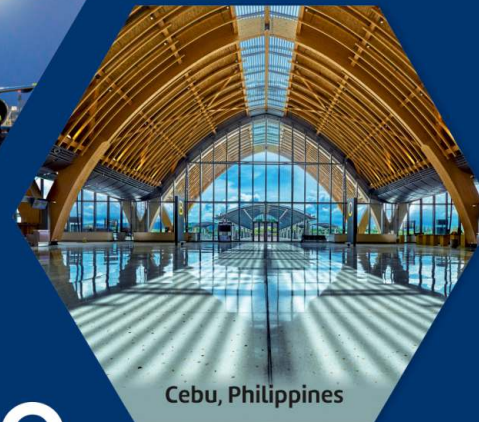
Creating
Tomorrow
Today



Goa, India



Hyderabad, India



Cebu, Philippines

GMR AERO



Crete, Greece



Bhogapuram, India



Delhi, India

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