ASIA
URBAN TRANSPORT & RAILWAY ENGINEERING
EGIS
MORE THAN 50 YEARS SERVING THE URBAN TRANSPORT AND RAILWAY ENGINEERING SECTOR

INDIA

URBAN PROJECTS
- Chennai (MRT): General consultant, phase I
- Kolkata (MRT): General consultant
- Mumbai (MRT): General consultant on line 3
- Nagpur (MRT): General consultant
- Pune (MRT): General consultant
- Kochi (MRT): Detail design consultant (viaducts and stations)
- Delhi (MRT): Detail design consultant

RAILWAY PROJECTS
- New Delhi (Freight Corridor): EMP4 contract - Design consultant
- Delhi-Meerut (Rapid Rail Transit System): Detail design consultant

THAILAND

- Pink Line (monorail): Project consultant
- Orange Line (MRT): Project implementation consultant for east section
- Blue Line (MRT): Mechanical & electrical supervision consultant
- Green Line (MRT): Detailed design of viaduct and stations - BTS Sukhumvit
- Phuket (LRT): Feasibility study

MALAYSIA

- Putrajaya (LRT): Feasibility study for first LRT line

KOREA

- Osong (HSL): Independent verification Osong depot access signalling design

CHINA

- Macao (LRT): EPCM and technical assistance for the implementation of the 1st phase of Macao LRT system
- Wuhan-Guangzhou (HSL): Supervision of construction works on the Wuhan-Guangzhou high-speed line
- China (LRT Lines): Study of whole life cycle safe operation control & management system for modern tramway
- China (LRT lines): Consultancy services for tramway express design

PHILIPPINES

- Manila (LRT): Extension, independent consultant

SINGAPORE

- Tuas (MRT): Trackwork design for Tuas-West depot extension
- Singapore (MRT): Trackbed and fastener system condition assessment - SMRT
- Singapore (MRT): Consultancy services for catenary system - LTA

INDONESIA

- Palembang (LRT): Technical and project management integrated advisor
- Surabaya (LRT): Feasibility study & preliminary design
- Bandung (Commuter Line): Padalarang / Cicalengka - feasibility studies
- Java (Railway): Double tracking South line (III) - engineering & management services

INTERNATIONAL EXPERIENCE DELIVERED LOCALLY

ESTABLISHMENTS

DESIGN CENTERS
FROM FEASIBILITY AND CONCEPTUAL DESIGN THROUGH TO COMMISSIONING FOR RAIL TRANSPORT SOLUTIONS

OUR SECTORS
- Metro
- LRT / Tramway
- BRT
- People movers & Cable cars
- Conventional railways
- High Speed Lines
- Freight
- Autonomous cars

OUR SERVICES
- Studies and design
  - Transport planning, modelling and feasibility studies
  - Urban integration and functional design
  - Detail design
  - Operation planning
- Civil works
  - Civil engineering
  - Track alignment
  - Roads / Bridges / Tunnels
- Systems
  - Rolling stock / Maintenance facilities
  - Signalling / Telecom
  - Catenary and traction power
  - Track
- Expertise
  - Operation & Maintenance
  - System assurance / RAMS (Reliability, Availability, Maintainability, Safety)
  - IVA / System certification
  - Value engineering
  - Global and technical auditing
  - BIM
- Management
  - Project management
  - Construction management
  - EPCM
  - Interface and integration management
  - Asset management
- Alternative deliverables
  - PPP
  - D&B
  - Turnkey

OUR STRENGTHS
- Engineering projects from conception through to commissioning
- Proven expertise in driverless and dedicated right-of-way system design
- Tailor-made and independent public transport solutions
- Strong knowledge of local challenges and constraints
- Anchored locally with high reactivity
- In-depth experience and wide portfolio of rail projects all over the world

EGIS
KEY FIGURES

Experience
50 YEARS' EXPERIENCE IN TRANSPORT ENGINEERING

Employees
14,850 INCLUDING 2,100 ON RAIL PROJECTS

Group Turnover
US$1.25 B US$269 MILLION IN RAIL

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