



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 1<sup>st</sup> 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



# EGIS

## KEY FIGURES



Employees

**15,800**

INCLUDING 2,000 ON RAIL PROJECTS

Experience

**50 YEARS'**

EXPERIENCE IN TRANSPORT ENGINEERING

Group turnover

**US\$1.45 B**

US\$305 MILLION IN RAIL



RAILWAY

**+12 000**  
km



MRT

**+750**  
km



LRT

**+800**  
km



CABLE CAR

**+100**  
km

OF LINES

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

### 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

### 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

#### MANAGEMENT

- Project management
- Construction management
- EPCM
- Interface and integration management
- Asset management

#### SYSTEMS

- Rolling stock / Maintenance facilities
- Signalling / Telecom
- Catenary and traction power
- Track

#### EXPERTISE

- Operation & Maintenance
- System assurance / RAMS (Reliability, Availability, Maintainability, Safety)
- ISA / System certification
- Value engineering
- Global and technical auditing
- BIM

#### ALTERNATIVE DELIVERABLES

- PPP
- D&B
- Turnkey

**“EGIS & TRANSPORT:  
AN INGENUOUS STORY”**



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**IMAGINE. CREATE. ACHIEVE.**  
*a sustainable future*

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