ID&E
A member of Tokio Marine Group

NIPPON KOEI

Railway Operation

OUR DNA : Act with integrity and contribute to society through technology and engineering.

Mission

Creating a world where everyone can move safely, freely, and comfortably.

Vision

Providing locally tailored solutions and ideas based on a deep understanding of local cultures and customs.

Values

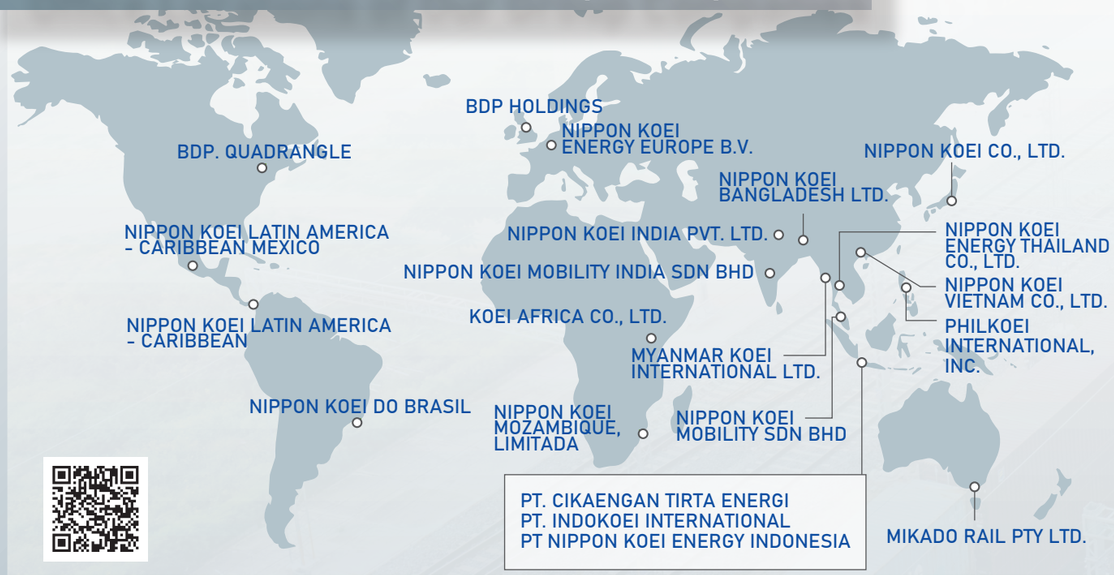
Integrating global expertise, high quality, and locally rooted services to address social challenges.

Headquarters' management

Nippon Koei Co., Ltd
Railway Operation

- **Railway Planning Department**
- **Railway Engineering Department**
- **Railway System Office**
- **Railway Design Office**

Office Locations of Our Group Companies



For the latest contact information, please visit: www.n-koei.co.jp/consulting/english/aboutus/company/network

RAILWAY

Creating a world where everyone can move safely, freely, and comfortably

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NIPPON KOEI

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Website : www.n-koei.co.jp/english

Major Railway Projects

We deliver comprehensive solutions for railway development projects worldwide, covering every stage from surveys and planning to design, construction management and supervision, and operation and maintenance. We apply the project management capabilities and expertise gained through projects around the world to support railway development, strengthen railway operations, and contribute to local communities.

Survey/Planning | Design | Construction Supervision | Operation & Maintenance



INDIA

Western Dedicated Freight Corridor Project

From the master planning phase, we have provided services for India's key freight and logistics corridor.

Chennai Metro Phase 2 Project

One of our largest metro assignments, combining complex tunnelling works and elevated viaduct construction.

Mumbai–Ahmedabad High Speed Railway Project

Providing services for India's first high-speed rail project across all project phases.



INDONESIA

Jakarta MRT N-S Line Project

Transforming Jakarta's urban mobility with its first MRT line.

Jakarta MRT E-W Line Project

Strengthening Jakarta's transit network by connecting East and West.

Makassar Metro Project

Proposed 3 route options based on transport surveys using big data for a regional city.



BANGLADESH

Dhaka MRT Line 6 Project

As the general consultant, we had provided services the first MRT project in Bangladesh.

Dhaka MRT Line 1 / 5 Northern Route Project

Delivering services for the first underground MRT corridors, and forming the future MRT network in Dhaka, the capital of Bangladesh.

Safety Master Plan Project for Bangladesh Railway

Developing a safety improvement plan and a long-term systems improvement plan as the Railway Safety Master Plan for Bangladesh Railway.



UNITED KINGDOM

Ordsall Chord Bridges

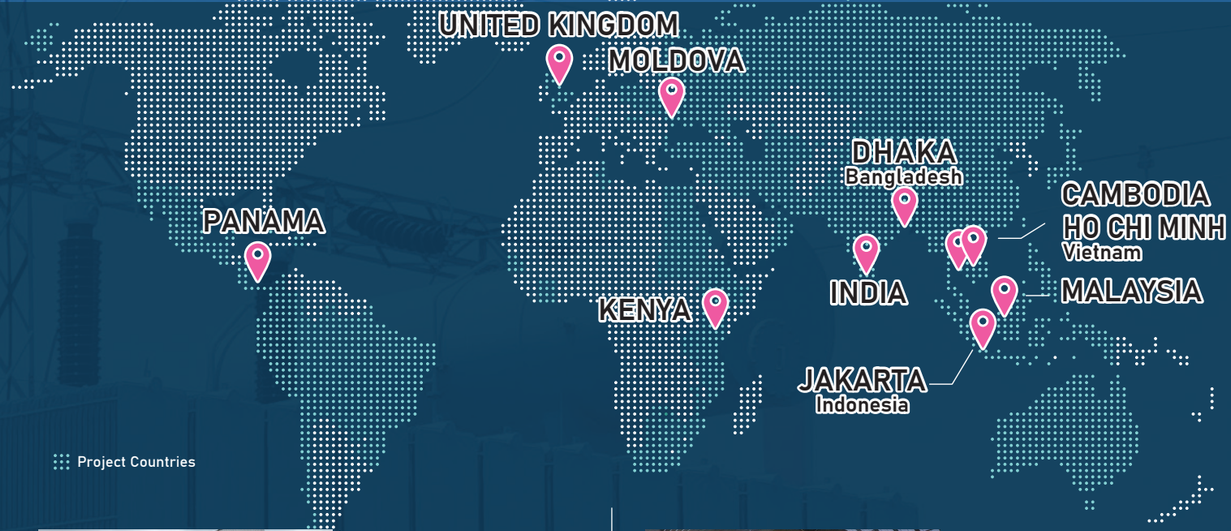
Landmark new bridge with unique world-first structure in historic setting of the world's first passenger railway.

Whitechapel Station

Key interchange station on the new Elizabeth Line in London, with passenger concourse suspended above tracks.

Glasgow Queen Street Station

Gateway into the city centre with views into and out of the station to the surrounding buildings and public square.





MALAYSIA

Kuching Urban Transportation Systems (KUTS)

As the scheme design consultant, prepared specifications, tender drawings, interface requirements, and supported tender evaluations.

Delivering Verification & Validation services through design and safety reviews, RAM compliance verification, FAT/FAI and integration test witnessing, and DLP support.



MOLDOVA

Railway Logistics Plan in Moldova (between Ukraine and the EU)

Enhancing rail network redundancy to strengthen regional connectivity and logistics resilience.



VIETNAM

Ho Chi Minh City Metro Line 1

Acting as Employer's Representative for Vietnam's first metro system, from design to O&M.



CAMBODIA

Railway Rehabilitation in Cambodia

Reviving Cambodia's War-Torn Spine Line, supporting the nation's recovery.



PANAMA

Panama Metro Line 3 Project

Pioneering Central America's first monorail with a shield tunnel beneath the landmark Panama Canal.



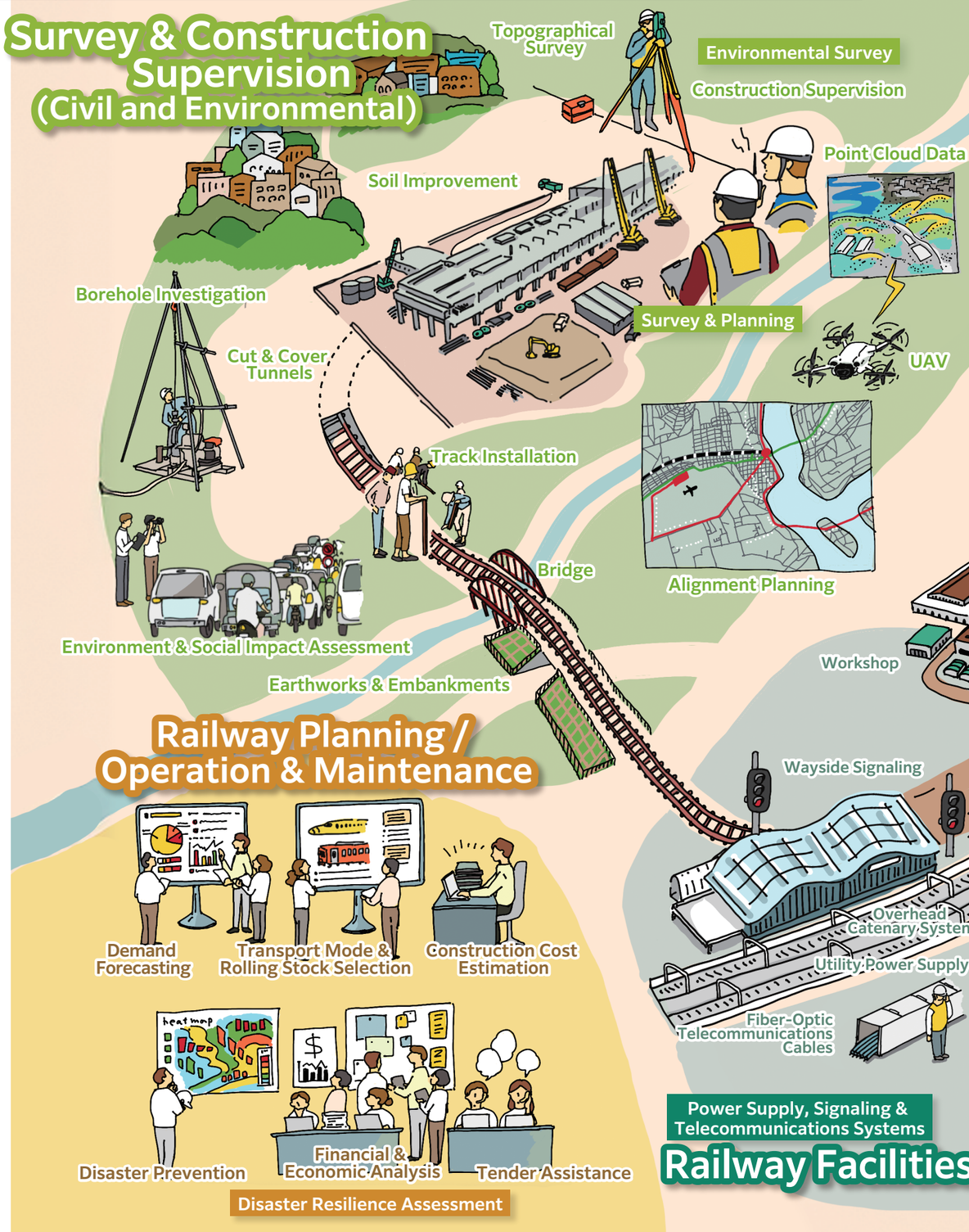
KENYA

Nairobi Commuter Rail

Enhancing Rail Convenience for More Frequent and Better Commuter Services in Nairobi, East Africa's Largest City.

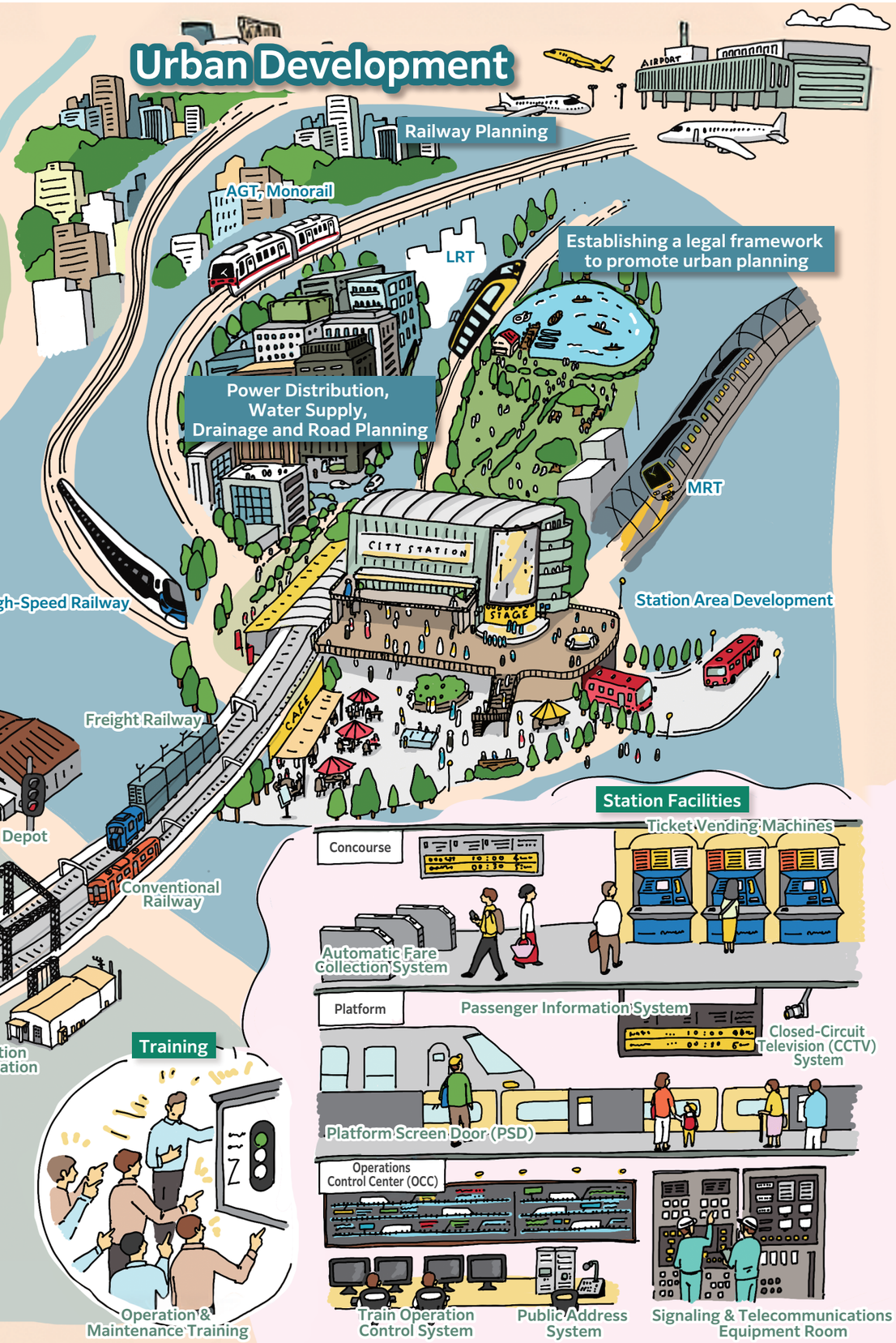
Rail and Transit Expertise

Survey & Construction Supervision (Civil and Environmental)



Railway Planning / Operation & Maintenance

Urban Development



Power Supply, Signaling & Telecommunications Systems

Railway Facilities

Core Capabilities

By developing efficient and sustainable railway systems, we help shape cities, strengthen regional connectivity, and improve quality of life. Every project has the potential to benefit hundreds of thousands of people and provide them with greater freedom of movement.

Intercity Railways
-HSR, Freight and Conventional Railways

Beyond Distance, Connecting Value



Infrastructure for a Connected Future.
Intercity railways connect regions and support national growth and culture. We deliver transformative railway projects that enrich lives, bridge regional disparities, and create a future where everyone can move forward with confidence.

Proven Expertise at Every Stage.
We bring deep experience across every phase of long-distance railway projects, from studies and design to construction supervision, and we have shaped some of the most significant railway projects in the world. Our track record on nationally significant schemes reflects our clients' trust in us.

Our Service Doesn't End at Opening.
We also support Operation & Maintenance by identifying client challenges, shaping practical solutions, and helping continuously improve railway operations and service quality.

Decades of Know-How.
Quality, schedule and safety control are critical in long-distance railway construction. Based on decades of know-how, we provide construction supervision as a committed partner in project delivery.



Urban and Suburban Railways
-MRT, LRT, AGT and Other Urban Transit Systems

Creating the Future of Urban Rail from the Ground Up



Enriching Lives through Rail.
Urban railways ease congestion, modernize daily life and serve as vital arteries for city growth. We partner with cities to deliver safe, punctual transport systems that improve quality of life.

Expertise Built in Complex Urban Environment.
In dense built-up areas, where safe and precise construction is essential, we provide supervision that enables reliable project execution.

Pioneering First Metro Systems Worldwide.
In cities introducing rail for the first time, there may be no established public transport culture, passenger habits, or operating frameworks. Through First Metro projects, we work with clients to promote ridership, develop operating frameworks and bring new systems into service.

Helping Cities Shape their Transit Future.
Where public transport is still undeveloped, early decisions are critical: the right rail mode, alignment, operating company and project delivery roadmap. With experience across studies, design and supervision, we help clients address these early challenges and support projects from initial concept to opening.

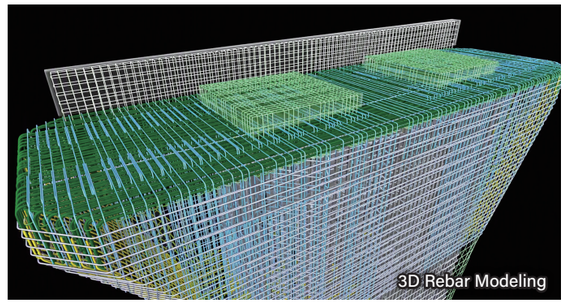


Railway Structural Design for EPC Contractors

Precise, Responsive, Experienced Structural Design for EPC Contractors

Reliable Design, Reliable Delivery.
Our railway structural design specialists, familiar with domestic and international standards, deliver approval-ready detailed designs with reliable quantities and on-time delivery. During construction, our rapid support helps contractors keep projects on track.

Managing Risks with Transparency.
Our experience with EPC railway projects enables us to advise on contractual considerations, potential risks and practical solutions. Where we work on the same project, we manage our role with fairness and transparency.



Risk Foresight.
For EPC contractors, success lies in identifying risks and potential issues before signing, preparing effective mitigation measures, and reflecting them clearly in the contract.

Railway Systems
-RAMS and System Interface Management

Railway Systems Tailored for Safety and Reliability

Supporting Safe, Punctual, Efficient Operations.
Railway systems including Signaling, telecommunications, operations control and power supply, are the backbone of reliable service. We support their introduction and renewal to help deliver dependable rail networks.

Tailored System Solutions.
From planning and design to tender documentation, we define system specifications and implementation requirements. Our railway experience helps align each system with project needs and operator requirements.



Improving Safety and Reliability through RAMS.
For system introduction and renewal, we provide safety and reliability assessments based on RAMS principles, offering advice that strengthens technical soundness and stable service delivery.

Transit-Oriented Development (TOD)

Total TOD Support, from Concept to Development

Shaping Better Mobility.
We develop integrated plans and policies that make public transport easier and more attractive to use.

From Vision to Reality.
Across planning, design and construction supervision, we support every stage of TOD implementation, from the overall concept to the real estate development that makes it a reality.



TOD Technical Assistance.
We have delivered technical assistance in countries with limited TOD experience, covering legal frameworks, urban planning, real estate development, station design, and more.