



**RAILWAY STATIONS - PLANNING, DESIGN
AND CONSTRUCTION**
铁路车站 - 规划、设计及建设

BUILDING RAILWAYS TO SUSTAIN DEVELOPMENT
建设可持续性发展的铁路交通

SYSTRA
MVA 

RAILWAY AND STATION PLANNING IN ASIA

亚洲地区的铁路及车站规划

Patronage and Revenue Forecasting
客流量与收入预测

Fare Sensitivity and Optimisation
票价敏感度及优化

Affordability Studies
可负担性研究

Ticketing and Fare Collection Systems
票务及收费系

Economic and Financial Assessment
经济及财务评估

Station Planning and Design
车站规划及设计

Pedestrian Micro-Simulation for Design Optimisation
行人仿真优化设计

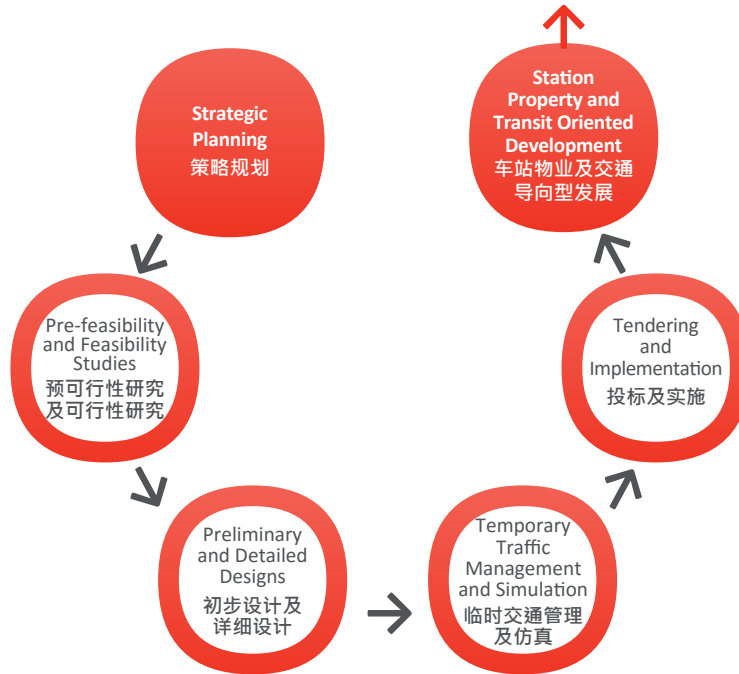
Feeder Systems and Transport Interchange
接驳系统及交通换乘枢纽

Pedestrian and Access Studies
行人及通道研究

Traffic Management during Construction
施工期间的交通管理

MVA is a SYSTRA Group company. MVA has over 30 years of railway planning experience across Asia, and SYSTRA has over 50 years of railway engineering experience around the globe. Together we can offer comprehensive railway related consultancy services from concept to implementation including station-related property and development studies, public transport integration, and traffic management studies.

MVA弘达是赛思达(SYSTRA)集团的一家子公司，在亚洲地区铁路规划方面具备超过30年经验，而赛思达在全球铁路工程方面拥有50多年的丰富经验。因此，MVA弘达与母公司赛思达的联合，可提供从概念到实施阶段的综合铁路咨询服务。



RAILWAYS IN ASIA

亚洲地区的铁路项目



○ Ho Chi Minh City Metro Line 2, Vietnam
越南胡志明市地铁2号线



○ Pingtan High Speed Rail Masterplan, Fujian, China
中国福建平潭高铁总体规划



○ Express Rail Link (XRL) (Hong Kong Section)
高铁香港段



○ Melbourne Railways Patronage and Revenue Forecasting, Australia
澳大利亚墨尔本铁路客流量与收入预测



○ MTRC Network Studies, Extensions, Patronage Forecasts, Pedestrian and Station Studies, Hong Kong
香港铁路网络研究、扩展工程、客流量预测、行人及车站研究



○ BTS Extensions and Feeder Services MRTA Blue Line Patronage Forecasting and Intermodal Transfer Studies, Thailand
泰国曼谷大众运输系统 (BTS) 延线及接驳服务· MRTA 地铁线路客流量预测及联运换乘研究



○ BTS (Skytrain) patronage and Revenue Forecasting, Fare and Affordability Studies, Thailand
泰国曼谷大众运输系统 (BTS) 客流量及收入预测· 票价及可负担性研究



○ Review and Update of the Second Railway Development Study - Feasibility Study, Hong Kong
香港第二次铁路发展研究检讨及修订 - 可行性研究



○ DTE Station Planning - Pedestrian Studies for 3 stations, Singapore
新加坡DTE车站规划 - 三个车站的行人研究



○ Review of Pedestrian Designs and Interchange Provisions for High Speed Railway Stations, China
中国高铁站行人设计与换乘枢纽供应的回顾

• International Coverage
在全球范围的覆盖率

• Passenger demand Forecasting
乘客需求预测

• Layout and Facility Designs
布局及设施设计

• Network and Service Planning
网络及服务规划

• Pedestrian Planning
行人规划

STATION AREA, PEDESTRIAN AND TEMPORARY TRAFFIC MANAGEMENT

车站区域、行人及临时交通管理

○ Railway & Station Design 铁路及车站设计



MTRC Shatin to Central Link, Hong Kong
香港铁路沙田至中环线(沙中线)



DTE Station Planning - Pedestrian Studies
for 3 stations, Singapore
新加坡DTE车站规划 — 三个车站的行人研究



Kuala Lumpur Central Railway
Station Design Studies
吉隆坡中央铁路站设计研究

○ Temporary Traffic Management and Micro-simulation 临时交通管理及微观仿真



Hong Kong Tramways
香港电车



West Kowloon Terminus (WKT)
西九龙总站



Station Planning, Kai Tak Station
启德站规划

○ Transit Oriented Development (TODs) and Above-station Property Development 交通导向型发展及地铁上盖物业发展



MTR LOHAS Park Station Property Development
香港铁路日出康城站物业发展



Shenzhen Unicenter
深圳市鸿荣源壹方中心



Nanjing AVIC City of technology
南京科技中航城

○ Station Area Planning 车站区域规划



○ Pedestrian & Way-finding 行人及路径指引



○ Temporary Traffic Management 临时交通管理



OUR STRENGTHS

我们的实力

We link our design and forecasting expertise with operational experience to deliver viable and practicable projects.

我们将设计及预测专业知识与实际操作经验相结合，从而提供切实可行的项目研究成果。

We plan railways and stations to promote sustain urban development and provide cost-effective solutions. Our comprehensive services cover:

我们致力于制定铁路及车站规划，从而有助于创建可持续发展的城市，并提供具备成本效益的解决方案。我们提供的综合服务包括：

- **Railway Planning and Station Location Analysis**
铁路规划及车站选址分析
- **Railway Engineering - Feasibility, Design and Construction**
铁路工程 — 可行性、设计及施工
- **Station Design and Pedestrian Studies**
车站设计及行人研究
- **Temporary Traffic Management during Construction**
施工期间的临时交通管理
- **Transit-Oriented Property Developments**
交通导向型发展
- **Station Integration - Access, Pedestrian Connectivity and Public Transport Interchanges (Bus, Taxi etc.)**
车站一体化 — 通道、行人连接及公交枢纽（巴士、出租车等）



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