OUR MISSION
BE A SOLUTION-DRIVEN ADVISOR WITH OUTSTANDING EXPERTISE.

OUR VISION
ALWAYS BE THE FIRST CHOICE FOR CLIENTS, PARTNERS AND EMPLOYEES.
WE ARE GLOBAL

34,000
EMPLOYEES

500
OFFICES

40
COUNTRIES
02

1,518
EMPLOYEES

11
OFFICES

5
COUNTRIES

WE ARE LOCAL

AL KHOBAR, SAUDI ARABIA
JEDDAH, SAUDI ARABIA
DUBAI, UAE
SHARJAH, UAE
MUSCAT, OMAN
DOHA, QATAR
SALMIYA, KUWAIT
<table>
<thead>
<tr>
<th>OUR LOCAL EXPERTISE</th>
<th>PROPERTY &amp; BUILDINGS</th>
<th>TRANSPORT &amp; INFRASTRUCTURE</th>
<th>POWER &amp; WATER</th>
<th>ENVIRONMENT &amp; SUSTAINABILITY</th>
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<tr>
<td></td>
<td>Building Services</td>
<td>Rail</td>
<td>Thermal Generation</td>
<td>Acoustics</td>
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<td>Building Structures</td>
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<td>Nuclear Generation</td>
<td>Ground Engineering</td>
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<td>Renewable Power</td>
<td>Sustainability &amp; Energy</td>
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<td>Information</td>
<td>Bridges &amp; Tunnels</td>
<td>Desalination</td>
<td>Environmental Planning &amp; Management</td>
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<td>Communications</td>
<td>Utilities</td>
<td>Overhead Lines &amp; Towers</td>
<td>Integrated Waste Management</td>
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<td>Technology (ICT)</td>
<td>Construction Supervision</td>
<td>Substations</td>
<td>Health, Safety &amp; Risk Management</td>
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<td>Security Risk</td>
<td>Operations &amp; Maintenance</td>
<td>Underground Cables</td>
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<td>Management</td>
<td>Strategic Advisory Services</td>
<td>Power Transmission</td>
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<td>Architect of Record</td>
<td>Aviation</td>
<td>Power System Planning &amp; Studies</td>
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<td>Fire &amp; Life Safety</td>
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<td>Regulation &amp; Privatisation</td>
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<td>Fire Protection</td>
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<td>Asset Management</td>
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<td>Vertical Transportation</td>
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<td>SCADA/Telecommunications &amp; Substation Automation</td>
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<td>Façade Engineering</td>
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<td>Alternative Power Sources</td>
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<td>Integrated Project Delivery</td>
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Around the world, infrastructure providers must keep up with ever-growing demand. In the Middle East, a growing population and dynamic economic, social, and environmental demands mean that our clients face a daily challenge to deliver mobility to existing and new communities to improve people’s quality of life whilst minimising the environmental footprint of new infrastructure. Rail will play a prominent role in future transport solutions in the region.

We provide the full range of planning, design, assurance, engineering and management services for the complete rail project lifecycle. From intricate metro lines in Stockholm and Sydney, high-speed rail in California and Taiwan, sustainable light rail systems in Doha and Dubai and landmark railway stations in London and New York City, we have taken on many challenging projects and helped make them a success. Combined with our depth of experience and expertise in complex buildings and linear infrastructure, we have the know-how, adaptability and responsiveness both governments and the private sector require to meet challenging rail programmes in a variety of delivery environments.

We take pride in our ability to offer flexible solutions to suit the individual requirements and fulfil the visions of our valued clients. We deliver advanced and sustainable outcomes to make transportation smarter, faster and more affordable for our clients and their communities. Services are provided by dedicated rail specialists in residence on large projects and programmes, or on an as-needed basis for smaller projects that do not require full-time, on-site presence. Our rail specialists are supported by teams of engineers, architects and planners, encompassing experts from all aspects of rail development including buildings, structures and building services as well as vital ancillary services such as highways, traffic management, construction logistics and environmental control.
05

OUR RAIL EXPERTISE

OUR EXPERIENCE

• Personal and Group Rapid Transit
• Light Rail Transit and Streetcars
• People Movers and Monorails
• Metro
• Commuter and Suburban Rail
• High Speed Rail
• Freight Rail

OUR SERVICES

• Strategic Consulting
• Alternative Financing and Delivery Procurement
• Rail Engineering
• Stations and Transit Oriented Development
• System Assurance
• Operations and Maintenance Planning
• Asset Management and Renewal
• Project and Programme Management
• Construction Supervision
• Environmental Assessment
• Sustainability

OUR SPECIALIST EXPERTISE

• Demand and Revenue Forecasting
• Operations Planning and Cost Modelling
• Alignment and Track
• Viaducts, Tunnels and Underground Structures
• Signaling and Train Control
• Power Supply
• Fare Collection
• Passenger Information Systems
• Rolling Stock
• Maintenance Facility Design
• Systems Integration
• Safety and Security
DUBAI RAIL MASTER PLAN

300 KM OF NEW METRO LINES

80 STATIONS

MASTER PLAN & CONCEPTUAL DESIGN
DUBAI METRO
PURPLE LINE

50 KM
AIRPORT EXPRESS & COMMUTER LINES

8 STATIONS
PRELIMINARY DESIGN

PRELIMINARY DESIGN
8 STATIONS
50 KM
AIRPORT EXPRESS & COMMUTER LINES
MAKKAH PUBLIC TRANSPORT PROGRAMME

- 88 Stations
- 180 KM Metro Lines

PROGRAMME MANAGEMENT SERVICES
ABU DHABI METRO

FEASIBILITY
CONCEPT & PRELIMINARY DESIGN

18 KM ELEVATED
& UNDERGROUND DRIVERLESS METRO

12 STATIONS & DEPOT
DOWNTOWN DUBAI TROLLEY

1 KM LEISURE RAIL SERVICE
3 STATIONS & DEPOT
DETAILED DESIGN
SYSTEMS ASSURANCE & CONSTRUCTION SUPERVISION
HIGH SPEED 2

OVER 200 KM
HIGH SPEED RAILWAY FROM LONDON TO BIRMINGHAM

COMPLEX
RAILWAY SYSTEMS INTEGRATION

OVERALL
RAIL SYSTEMS DESIGN

OVER 200 KM
HIGH SPEED RAILWAY FROM LONDON TO BIRMINGHAM

COMPLEX
RAILWAY SYSTEMS INTEGRATION

OVERALL
RAIL SYSTEMS DESIGN
BOND STREET STATION (CROSSRAIL)

EUROPE'S LARGEST CONSTRUCTION PROJECT

MULTI-DISCIPLINARY STATION DESIGN

LEAD CONSULTANCY SERVICES

EUROPE'S LARGEST CONSTRUCTION PROJECT

MULTI-DISCIPLINARY STATION DESIGN

LEAD CONSULTANCY SERVICES
SINGAPORE CIRCLE LINE

PRELIMINARY & DETAILED DESIGN

11 STATIONS

17 KM OF CONNECTING BORED AND CUT & COVER TUNNELS
DELHI METRO
PHASE 1 & 2

244 KM
TRACK

140
STATIONS

GENERAL
ENGINEERING CONSULTANT
CITY LINE
STOCKHOLM

FEASIBILITY
DETAILED DESIGN & CONSTRUCTION SUPERVISION

6 KM TUNNEL
& DEEP UNDERGROUND STATION

DOUBLE TRACK
FOR LOCAL & REGIONAL TRAINS
WSP I PARSONS BRINCKERHOFF

WSP and Parsons Brinckerhoff have combined and are now one of the world’s leading engineering professional services consulting firms. We bring together staff based in more than 500 offices, across 40 countries to provide engineering and multidisciplinary services in a vast array of industry sectors, with a focus on technical excellence and client service.

### Regional Offices:

<table>
<thead>
<tr>
<th>Location</th>
<th>Address</th>
<th>Phone</th>
<th>Fax</th>
</tr>
</thead>
<tbody>
<tr>
<td>Abu Dhabi, UAE</td>
<td>PO Box 47445</td>
<td>+971 2 652 9222</td>
<td>+971 2 677 9772</td>
</tr>
<tr>
<td>Dubai, UAE</td>
<td>PO Box 7497</td>
<td>+971 4 350 5000</td>
<td>+971 4 350 5001</td>
</tr>
<tr>
<td>Sharjah, UAE</td>
<td>PO Box 1924</td>
<td>+971 6 598 1777</td>
<td>+971 6 598 1666</td>
</tr>
<tr>
<td>Doha, Qatar</td>
<td>PO Box 13885</td>
<td>+974 4 020 6450</td>
<td>+974 4 020 6451</td>
</tr>
<tr>
<td>Muscat, Oman</td>
<td>PO Box 1817</td>
<td>+968 2 460 3403</td>
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<tr>
<td>Dubai, UAE</td>
<td>PO Box 4512</td>
<td>+971 4 376 7222</td>
<td>+974 4 386 8746</td>
</tr>
<tr>
<td>Salmiya, Kuwait</td>
<td>PO Box 1717</td>
<td>+965 2 571 2870</td>
<td>+965 2 571 2717</td>
</tr>
<tr>
<td>Al Khobar, KSA</td>
<td>PO Box 31952</td>
<td>+966 3 849 3114</td>
<td>+966 3 883 5230</td>
</tr>
<tr>
<td>Muscat, Oman</td>
<td>PO Box 605</td>
<td>+968 2 452 9300</td>
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