



# Smart Cities

Meinhardt's Centre of Excellence in Smart Cities is committed to helping Clients coordinate and develop fully integrated, high value, smart solutions across all technical infrastructure disciplines.

## Get Connected

The use of Smart City design and the innovations that it brings is becoming increasingly central to the development of our cities, towns and individual projects. As the opportunities for economies in design and the efficiencies that open data sharing brings increases, all the traditional infrastructure elements of a developed urban space are undergoing a rapid increase in automation and real-time reporting.

The fluid definition of what a Smart City could be is ever-expanding and at Meinhardt we strive to optimise the opportunities to incorporate these Smart City initiatives into our projects, from initial concept masterplanning right through to detailed design, building in wherever possible opportunities for future-proofed scalability.

Meinhardt is a leader in Smart Cities and operates Singapore's first and only Smart Cities Center of Excellence (CoE) supported by the Singapore Economic Development Board.

With our best practice knowledge of sustainable building design, Meinhardt strives to deliver optimum smart and sustainable outcomes. Together with our clients, we are invested in the long-term future of our urban spaces.

## Our Smart City track record:

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- Numerous solid waste management studies & designs
- 100+ Industrial & Technology Parks across Asia and the Pacific
- Meinhardt projects have been awarded the highest number of green building awards in Singapore.
- Over 75 major economic Power/Energy feasibility and Development Studies
- Global portfolio of town planning projects.
- More than 7,300 km of designed surface and storm water drainage
- 80 km of aqueducts & transmission pipelines
- Over 135,000 Ha of Infrastructure masterplanned area
- 7000+ km of highways & road networks
- 18+ major ports & jetties
- 100+ train stations (both underground & aboveground)



# Smart Cities



### Information Technology, Research and Communications

- Data Centres
- Life Sciences and Biotech
- Power Systems
- Telecommunications
- Digital Masterplanning



### Sustainability

- Energy Audits and Conservation
- Green Buildings and Architecture
- Renewable Energy Services
- Water Conservation Measures

### Urban Land Development

- Built Environment
- Conservation and Restoration
- Urban Regeneration
- Urban Infrastructure
- Development Masterplanning
- Environmental Sustainable Design

### Infrastructure

- Environmental Management
- Energy Generation and Distribution
- Waste Management
- Water and Wastewater



### Services Design

- District Cooling Systems
- Common Services Tunnels
- Grid Distribution
- Waste Management
- Building Management Systems
- Backup power supply strategies



## Contact Information

For more information about our capabilities, please contact

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## About Meinhardt

Meinhardt Group, with over 42 offices and 3,800 staff worldwide, provides engineering capabilities in Infrastructure and Environment; Structures; Mechanical, Electrical and Plumbing (MEP); Project Management; and Planning & Urban Development. Our specialist capabilities cover Façade Engineering; Environmentally Sustainable Design (ESD); Specialist and Architectural Lighting; Fire Performance Engineering; Integrated Design Management; Mission Critical Facility Design and Industrial Technologies.

Our team of experienced and responsive consultants provide a multi-disciplined professional approach for total project delivery, offering clients original and highly buildable design solutions that satisfy their cost and time requirements.