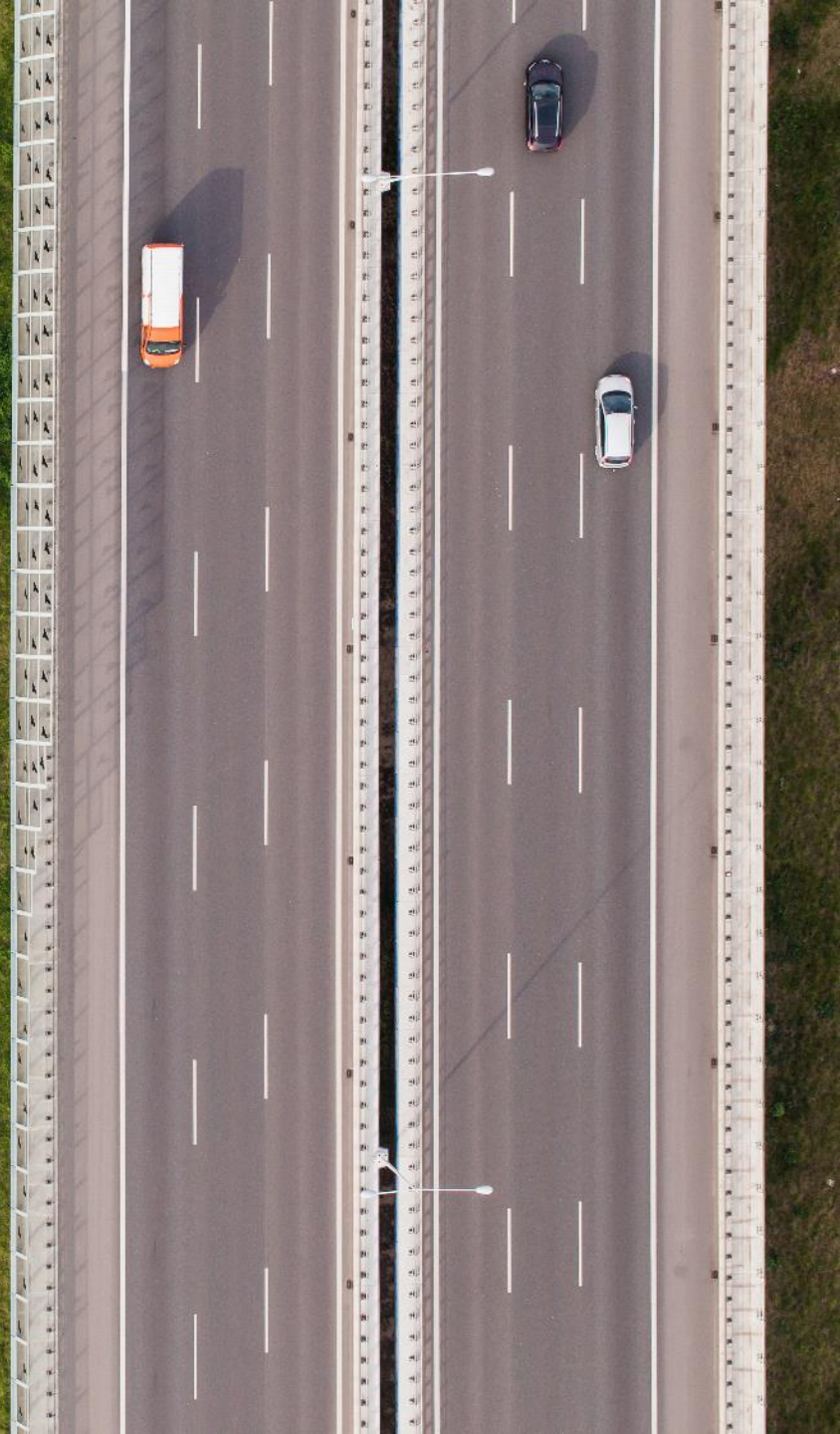




KPMG in Singapore Infrastructure Advisory



KPMG in Singapore

KPMG is a global network of professional services firms whose Infrastructure Advisory practice comprises more than 3,000 professionals globally

150,000
staff
worldwide

KPMG has some 7,900 partners and 150,000 staff serving over 180,000 clients including 1,400 of the world's 6,000 largest corporations.

US\$29
billion

Worldwide fee income of US\$29.22 billion in 2020

KPMG has a **large client base** representing commercial, financial and government interests in **virtually every sector** of the global economy.

147
countries

With over 219,000 people worldwide, KPMG member firms provide assurance, tax and legal and financial advisory services from more than 650 offices in 147 countries.

3,000
infrastructure
professionals

KPMG's Infrastructure Practice comprises more than 3,000 professionals operating in 110 countries.

Our Services

Services

01 Planning, Feasibility & Business Case Development

- Market entry studies
- Pre-feasibility & feasibility studies
- Financial modelling
- Project scoping & commercial structuring
- Procurement/delivery options analysis
- Project risk analysis, assessment & mitigation

02 PPP & Transaction Advisory

- Procurement process management
- Developing tender qualification and evaluation criteria
- Development of tender documents
- Bid evaluation/submissions
- Support in negotiations with bidders/contracting agencies
- Bidding consortium formation & structure
- Bid financial models
- Business case & business plan development
- Post financial close/transaction (contract management monitoring & handover; refinancing)

03 Financial Advisory

- Equity & debt raising
- Project finance modelling
- Model reviews & audit
- Mergers & acquisition support
- Market modelling

04 Project Delivery Management

- Project strategy development
- Governance & controls implementation
- Project time & cost optimisation
- Project risk management framework
- Technical project reviews & monitoring assistance

05 Asset Management & Optimisation

- Development of Asset Whole Life Cycle framework
- Asset O&M optimisation
- Maintenance strategy development
- Maintenance CAPEX prioritisation
- ISO 55001 standards implementation

06 Economics & Policy Advisory

- Economic impact analysis
- Cost benefit analysis
- Economic forecasting
- Policy & regulatory advisory
- Smart cities advisory

Power and Utilities

Our Power and Utilities experts are at the forefront of advising on energy transition and decarbonisation agenda from low carbon energy sectors including green hydrogen, renewable energy and batteries, waste-to-energy-to-gas/LNG as transition fuel. The team actively work with both public and private sector clients across the infrastructure project lifecycle from conceptualisation to transactions.

Subsectors we are active in:



Power Generation and Distribution

- **1,500MW and 50MiGD IWPP in Bahrain** – Transaction and financial advisory services for procurement on BOO basis
- **Power and water market entry study in ASPAC** - Power and water market entry study for five ASPAC nations
- **Power market in Philippines** – Power market modelling for Philippines' power market



Renewables

- **800MW Solar PV plant in UAE** – Transaction advisory services and structuring of reverse auction process
- **100MW Solar PV IPP in Bahrain** - Transaction and financial advisory services in reverse auction of solar PV plant on BOO basis
- **700MW Solar CSP plant in UAE** – Transaction advisory services and structuring of project and reverse auction process



Water & Waste Utility

- **Water and sewerage system in Manila** - Commercial Advisory services for development of project under PPP
- **Integrated Waste Management Facility in Singapore** – Financial advisory services to assess potential financial performance
- **30MGD Desalination plant in Singapore** - Financial and commercial advisory services to structure on DBOO basis



Oil and Gas

- **Floating LNG to Power hub in Singapore** – Development of commercial strategy and pre-feasibility study
- **Greenfield LNG to Power project in Vietnam** – Power market modelling and financial analysis
- **145MW gas IPP in Myanmar** – Financial advisory services for project bid and PPA negotiation

Our Selected Credentials

Transport and Social Infrastructure

Our Transport specialists have advised on landmark projects across the rail, airports, roads and ports subsector transactions across the ASEAN region, from pre-feasibility and feasibility studies to transaction close (bid and sell-side). Our coverage also includes social infrastructure such as healthcare & education assets, and other infrastructure such as special economic zones, urban development, sports venues, tourism development, and industrial parks/smart cities.

Subsectors we are active in:



Road

- **Motorway in Thailand** - Development of bankable PPP scheme for financing, construction, operations and maintenance of the motorway
- **44.7km toll road in Philippines** - Consortium leader for supporting the Philippines government with procurement process
- **32 km expressway in Indonesia** – Assessment of project viability under Performance-Based Availability Scheme



Ports

- **Port in Indonesia** - Feasibility assessment of developing the project on PPP basis
- **Major ports in Dubai, Rotterdam and Singapore** - Benchmarking studies for three major ports
- **Deep sea port in Myanmar** - Financial advisory services to client for bid preparation



Airports

- **International airport expansion in Indonesia** - Feasibility study for airport city concept and tender process management
- **International airport and aviation hub in Thailand** - Feasibility study and development of PPP project structure and transaction documentation
- **International airport in Indonesia** - Feasibility study and strategic partner selection for commercial development



Rail

- **Light rail transit in Thailand** - Transaction advisory services to MDB for development of bankable PPP
- **Mass rapid transit in Indonesia** - Commercial, financial and institutional advisory services on the project
- **Metro project in Bahrain** - End-to-end transaction advisory services for delivery of metro project

Our Selected Credentials

Major Projects Advisory

Our Asset Management practitioners have extensive experience in advising capital intensive organisations on Strategic Asset Management Planning and may be considered as a pioneer in this area. We are the only Big Four firm that has been conferred the title of "Patron" of The Institute of Asset Management (IAM). As Patron members with the IAM, Endorsed Assessors by the IAM and Corporate members with the Asset Management Council, KPMG is firmly linked in current thinking and application in a government context.

Our Selected Credentials

Asset Management Asset Condition Monitoring Standards for a rail company in Singapore

Review of industry approaches to condition assessment and identification of degradation rates as well as a review of differing railway industry operating structures.

Data Analytics on Maintenance Trends & Age of Assets for a rail company in Singapore

Development of 5-year preventive and corrective maintenance trends from their system data while mapping individual asset age.

Asset Conditioning Assessment Framework Design for a rail company in Singapore

Development of an asset conditioning assessment (ACA) framework for Client, which aims to balance and optimise the asset performance, reliability, and risk over the assets lifecycle.

Built Environment Digital Technology Study & Roadmapping for a statutory board in Singapore

Carry out study to provide Client with a vision to the future state of technology being adopted in the Built Environment (BE) in Singapore, such as available technologies, market push and pull factors and potential market sizing.

Infrastructure Committee Sectoral Research for a private business entity

Research into the issues faced by Singaporean organisations of various sizes across the value chain in winning and delivering of the large mega infrastructure projects in Singapore. And to provide recommendations in improving the overall competitiveness of the sector in venturing overseas.

Project Reporting System for an Integrated Waste Management Facility

Development of a project management dashboard system to track the project on an ongoing basis and integrate with their business intelligence system (BIS).



Contact Us

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