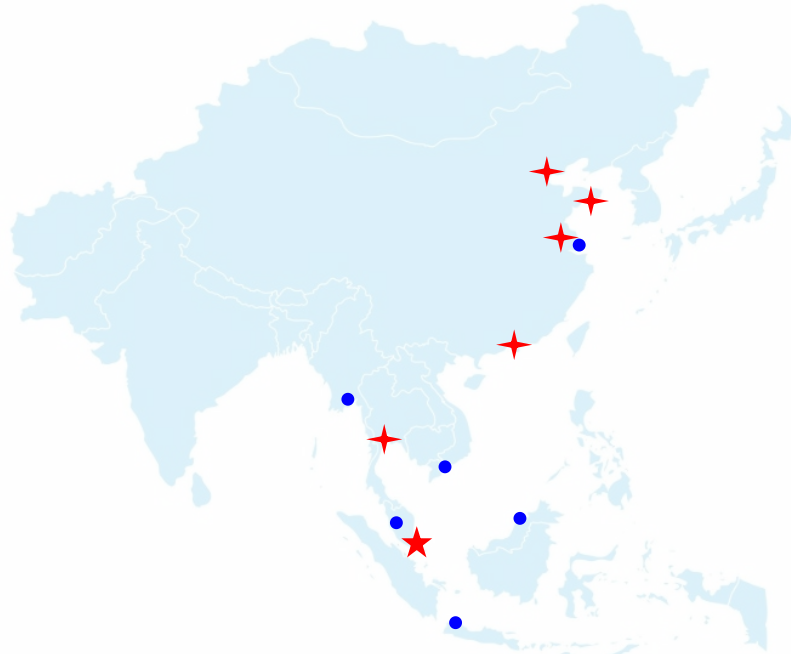




Techwise Offshore Consultancy



Our History and Locations



- ★ Headquarters
- ★ Branch Offices
- Local Representatives



Aug. 2016
Singapore



Jan. 2018
Singapore



May 2023
Tianjin



Nov. 2023
Qingdao



Oct. 2025
Bangkok



Jul. 2026
Nantong



Sep. 2026
Shenzhen



Value-adding

Team-Minded

Innovative

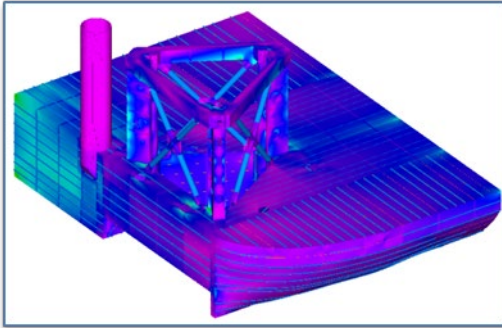
Optimistic

Efficient

Conscientious

- 🌐 Our vision is to be the leading marine, offshore and engineering consultant in the Asia Pacific region.
- 🌐 Our mission is to provide high-quality services and cost-effective solutions to our clients.
- 🌐 Our Slogan: We Strive for Excellence!

Design & Engineering



Structural Engineering
Naval Architecture
Transportation & Installation
Pipeline Detailed Design
Modification and Conversion
Topside Module Design

Marine Assurance



Vessel Surveys
Rig Mover and Tow Master
Marine Warranty Survey
Dynamic Positioning Services
Risk Management
Client Representation

Construction Management



Project Management
Yard Audit and Assessment
Construction Supervision
QA/QC Inspections
Testing and Commissioning
Specialist Manpower Supply

Engineering Software

- 🌐 AutoCAD, Rhino
- 🌐 Staad Pro, FEMAP, SACS
- 🌐 AutoHydro, GHS, Maxsurf
- 🌐 OrcaFlex, MOSES
- 🌐 MathCAD, Microsoft 365

In-house Applications

- 🌐 TBMS – Techwise Business Management System
- 🌐 TVIE – Techwise Vessel Inspection Experts
- 🌐 TMOS – Techwise Marine Operation Specialists

Manpower Resources

- 🌐 **80+** Full-time Employees
- 🌐 **60+** Part-time Marine Surveyors and Rig Movers
- 🌐 **800+** Construction Management Specialists in Our Pool

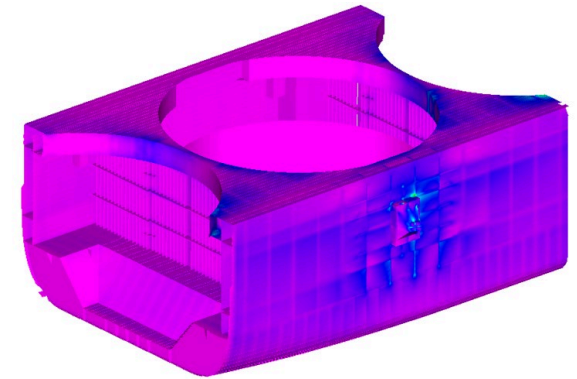
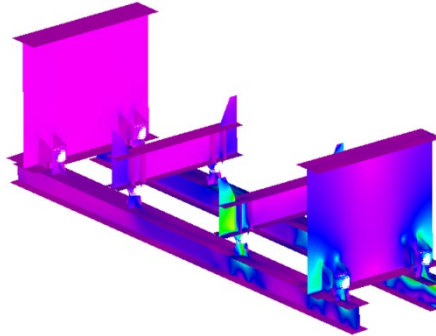
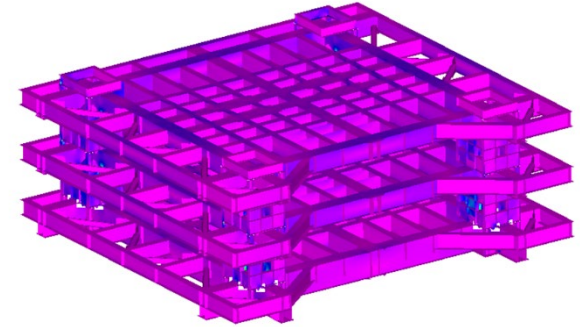
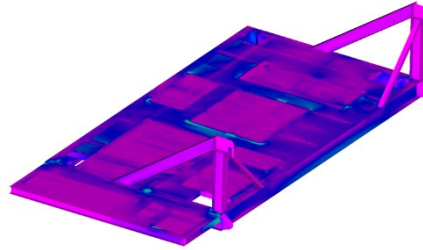
ISO 9001, 14001 and 45001 Certified Management System

Our Clients

- Oil & Gas Companies
- Renewable Companies
- Fabrication Yards
- Shipyards
- EPCIC Contractors
- Drilling Contractors
- T & I Contractors
- Vessel / Rig Owners
- Shipping Companies
- Freight Forwarders



- Global Strength Analysis
- Local Strength Verification
- Structural Optimization
- Reinforcement Design
- Non-linear Analysis
- Buckling Analysis
- Fatigue Analysis
- Impact Analysis
- Blast Analysis



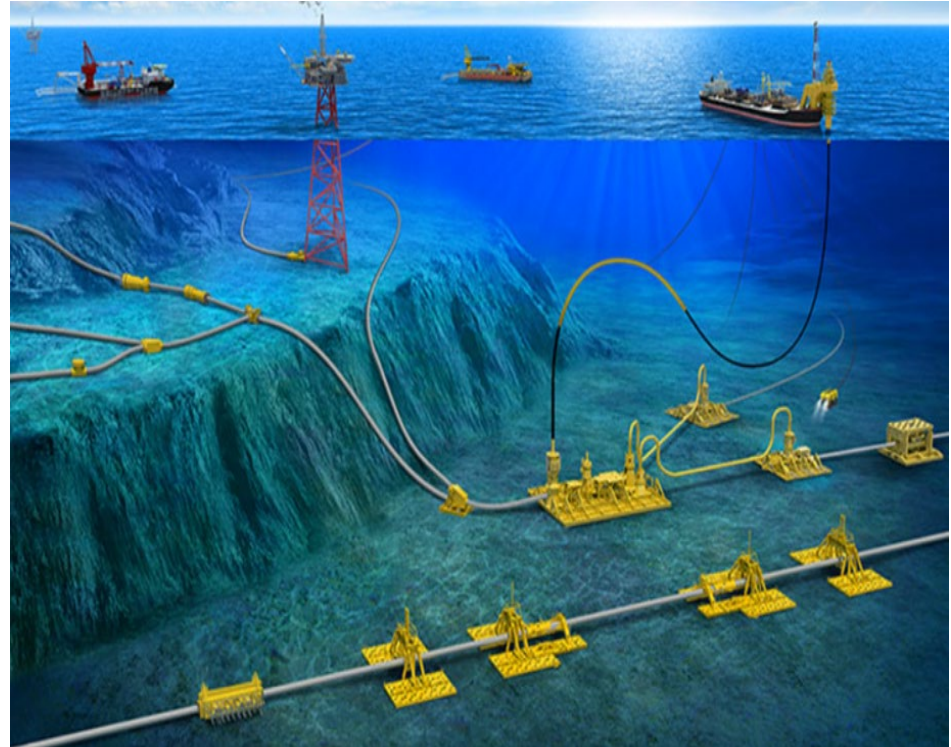
- Vessel Stability Analysis
- Vessel Motion Analysis
- Mooring Pattern Design
- Mooring and Riser Analysis
- Ballasting Calculation
- Vessel Berthing Analysis
- Bollard Pull Calculation
- Towing Analysis
- Inclining Experiment

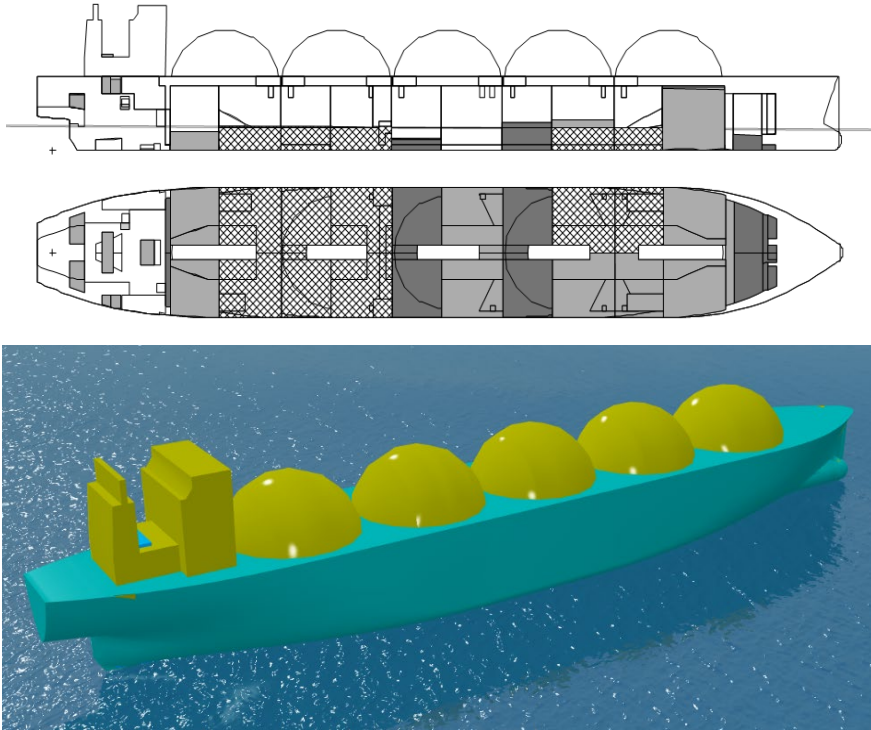




- Loadout Analyses
- Seafastening Design
- Intact & Damaged Stability
- Transportation Analyses
- Offshore Heavy Lifting
- Launch & Float-over
- SURF and Mooring Installation
- FPSO Towing & Hook-up
- Pipeline & Cable Installation

- Pipeline Route Selection Study
- Pipeline Expansion Analysis
- Pipeline On-bottom Stability
- Allowable Free Span Design
- Cathodic Protection Design
- Riser Clamp Design
- Riser & Tie-in Spool Analyses
- Lateral and Upheaval Buckling
- Crossing and PLEM Design





- Design and Analyses of Mooring Systems
- Hull Global and Local Strength Analyses
- Life Extension Study
- Conversion Engineering
- Stability Analyses
- Topsides Module Structural Design
- Stool Design and Analyses
- Construction Engineering

- Suitability Survey
- Condition Survey
- On/off-hire Survey
- Pre-charter Inspection
- Pre-purchase Inspection
- Fuel Consumption Audit
- Oil Major Assurance Audit
- IMCA eCMID Survey
- OCIMF OVID Inspection





- DP FMEA and Proving Trials
- DP FMEA Gap Analysis
- DP Annual Trials
- DP Assurance Audit
- Five-yearly DP FMEA Renewal
DP Operations Manual
- DP Design Review and
Redundancy Analyses
- Activity Specific Operating
Guidelines (ASOG)





- Wet Tow
- Float-on / Float Off
- Dry Transportation
- Anchor Handling
- Rig Move and Positioning
- Mooring Operations
- Marine Coordination
- HIRA and HAZOP
- Client Representation

- Project Management
- Planning and Schedule
- Cost Control
- Interface Management
- Engineering Review
- QA/QC Inspection
- HSES Management
- Testing and Commissioning
- As-built Documentation

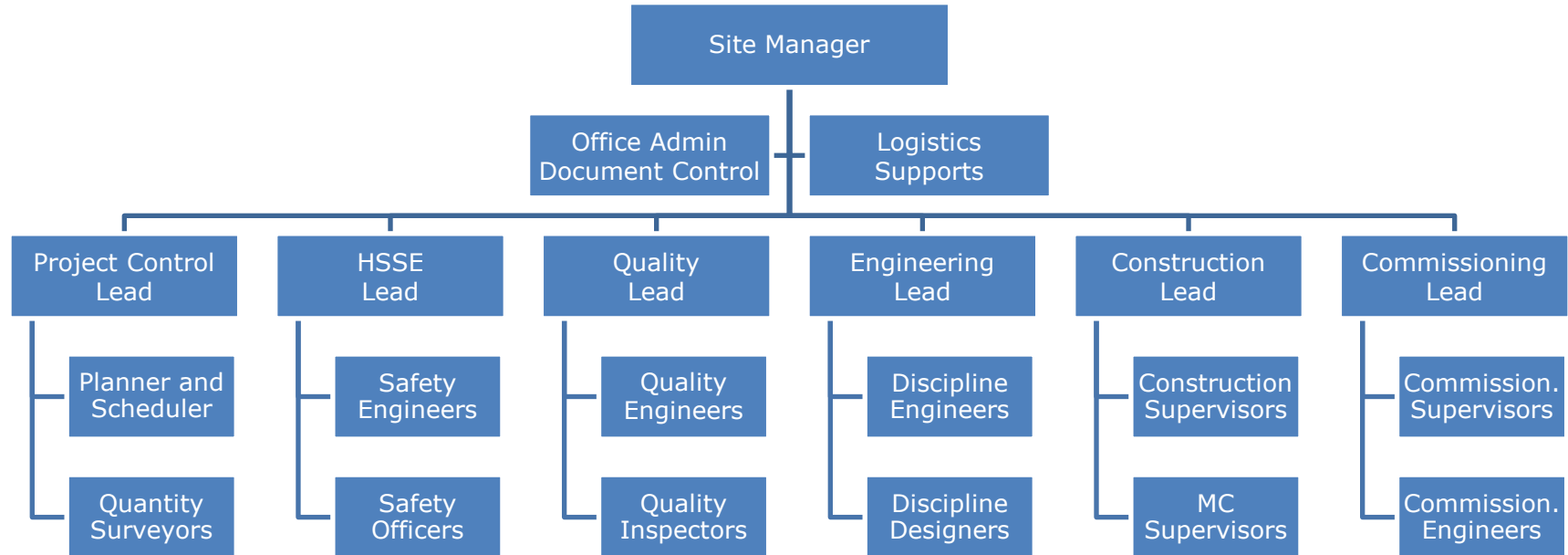


Our Solution to Construction Management

**Full Site Team Supplied and
Managed by Techwise**



**Logistics Supports from Our
Experienced Local Partners**



- Pre-tow Preparations
- Towing of the LNG Tankers
- Site Team for two LNG Tankers Conversion
- Site Team for Fabrication of Marine Substructures
- Local Logistics & Procurement Supports
- Shipyard Follow-up Engineering
- Towing and Dry Transportation





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