

AXIS3 ENGINEERING

Capability Statement

INDEPENDENT
OWNER'S ENGINEER
& ADVISOR

Australia · Europe · Philippines

Protecting your schedule, budget, and commercial interests — always on the owner's side.

WHO WE ARE

Axis3 Engineering is an independent consultancy that works exclusively for project owners. We provide technical, commercial, and delivery oversight across the full project lifecycle — from early development and design through to construction and commissioning.

Founded by engineers and project professionals with decades of hands-on experience, we bring together deep technical capability and sharp commercial acumen. Our focus is simple: to safeguard owner interests, reduce risk exposure, and drive predictable, quality outcomes — on every project.

Our Commitment

We operate free from contractor and supplier influence. Our advice is independent, commercially rigorous, and always aligned with the owner's goals.

Our Experience

Proven delivery across renewable energy, nearshore marine, and civil infrastructure projects in Asia-Pacific and Europe.

HOW WE SUPPORT OWNERS

Our services are structured around what matters most to owners: risk control, cost certainty, schedule protection, and quality outcomes.

1. Engineering & Constructability

- Risk-based design, constructability, and feasibility reviews
- Temporary works, methodology, and sequencing assessment
- Access, logistics, and interface optimisation
- Construction support through practical engineering solutions
- Interface definition and management across packages and contractors

2. Contracts & Commercial Management

- Supply chain contracting strategy and procurement support
- Overseas and local contract review and negotiation
- Change and claims management with entitlement assessment
- Project controls oversight — budget and schedule focused
- Early warning systems and variation governance
- Dispute support, negotiation, and settlement strategies

3. Quality Assurance & Verification

- Compliance with project-specific and international standards
- Quality control — oversight, inspections, trial assembly, and as-built verification
- Supplier and fabrication quality management
- ITP review and surveillance; FAT and pre-shipment verification
- Quality close-out and handover readiness support

4. Safety, Environment & Community

- Owner-side HSE leadership and independent assurance
- Zero-harm culture — health and safety regulated delivery
- Permit and regulatory management
- Landowner and community stakeholder engagement

SELECTED EXPERIENCE

Utility-Scale Civil Infrastructure and Onshore Wind — Owner's Engineer

- Risk-based schedule recovery and delay mitigation strategy
- Access road geometry and heavy transport optimization; Swept Path Analysis for WTG, blade, and transformer logistics
- Independent design and constructability review across civil, grid, and BOP works
- Foundation and earthworks methodology review
- Interface management across OEM, civil, and grid contractors
- Variation, claim, and technical-commercial impact assessment

Offshore Wind — Oversight & Delivery Support

- Pre-construction adequacy studies validating execution strategies, interfaces, and risk exposure
- Port, vessel, and marine fleet selection aligned with weather windows, port constraints, and campaign efficiency
- Project logistics optimization to reduce handling, interfaces, and schedule risk
- Marine spread management and complex interface coordination
- Critical milestone delivery with strong safety performance

Nearshore Marine — Jetties, Ro-Ro, Load-Out & MOF

- Design development through BIM; constructability reviews and value engineering
- Offshore and local procurement and quality management
- Supply chain contract management
- Stakeholder management for safe execution in operational port environments
- Execution planning within live port and operational constraints

WHY OWNERS CHOOSE AXIS3

- ✓ Independent and exclusively owner-focused — no conflicts, no divided loyalties
- ✓ Deep technical expertise combined with sharp commercial acumen
- ✓ Lean, high-performing team with a direct delivery focus
- ✓ Clear communication and consistent alignment with owner objectives
- ✓ Proven track record across Asia-Pacific and Europe
- ✓ Multinational presence: Australia, Europe, and the Philippines

Ready to protect your project? Let's talk.

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