



Engineering Vertical Excellence

25 Years Delivering Complex Industrial Structures

COMPANY PROFILE 2026



BEC is engaged where complexity, height, and operational risk converge.

Balanced Engineering & Construction (BEC) is a specialist industrial contractor delivering complex construction, maintenance, and infrastructure works across Southeast Asia and beyond.

We operate in live plants, shutdown-critical environments, and height-intensive structures where precision, safety discipline, and technical depth are non-negotiable.

Our teams solve complex access, sequencing, and execution challenges, safely, efficiently, and with minimal disruption to operations.

REGIONAL PRESENCE

Singapore | Philippines | Taiwan | Malaysia
Vietnam | Indonesia | Kuwait | Thailand

SECTORS

Refining | Petrochemical
Power | LNG | Infrastructure

25+ YEARS OF EXPERIENCE

350+ Projects
400+ Skilled Staff



BEC is built on long-standing leadership, deep technical knowledge, and a reputation earned over decades of delivery.

BEC was founded in 2000 by two visionary engineers and construction experts, Ian Morrison and Eddie Lloyd-Williams. For over 25 years their mission has been clear: to excel in the specialised field of industrial engineering and construction, with a primary focus on vertical structures and related services.



Ian Morrison
Chairman

Over 40 years delivering complex industrial and vertical structure projects across global energy infrastructure. Known for practical, buildable solutions and disciplined execution in high-risk environments.



Eddie Lloyd-Williams
CEO

Chartered Civil and Structural Engineer with over 30 years' experience in design, project delivery, and engineering leadership. Leads BEC's focus on technical excellence, safety, and long-term client partnerships.

Executive Committee



Wieti Kwok
Chief Financial Officer

Chartered Accountant with extensive experience in financial management, reporting, and regional operations. Wieti oversees BEC's financial strategy, supporting sustainable growth across Southeast Asia.



Peter Green
Chief Operating Officer

Experienced operations leader in energy infrastructure across Asia. Oversees project delivery, ensuring efficient execution, quality, and strong client outcomes.



Mike Hendra
Chief Business Development Officer

Experienced vertical structures specialist with global project experience across Asia, Europe, and the Middle East. Focused on client delivery, quality, and driving successful project outcomes.



Palani Govindasamy
Chief Engineering Officer

Chartered Civil and Structural Engineer with over 30 years' experience across energy and industrial infrastructure. Specialises in complex structures including chimneys, silos, and heavy civil works.

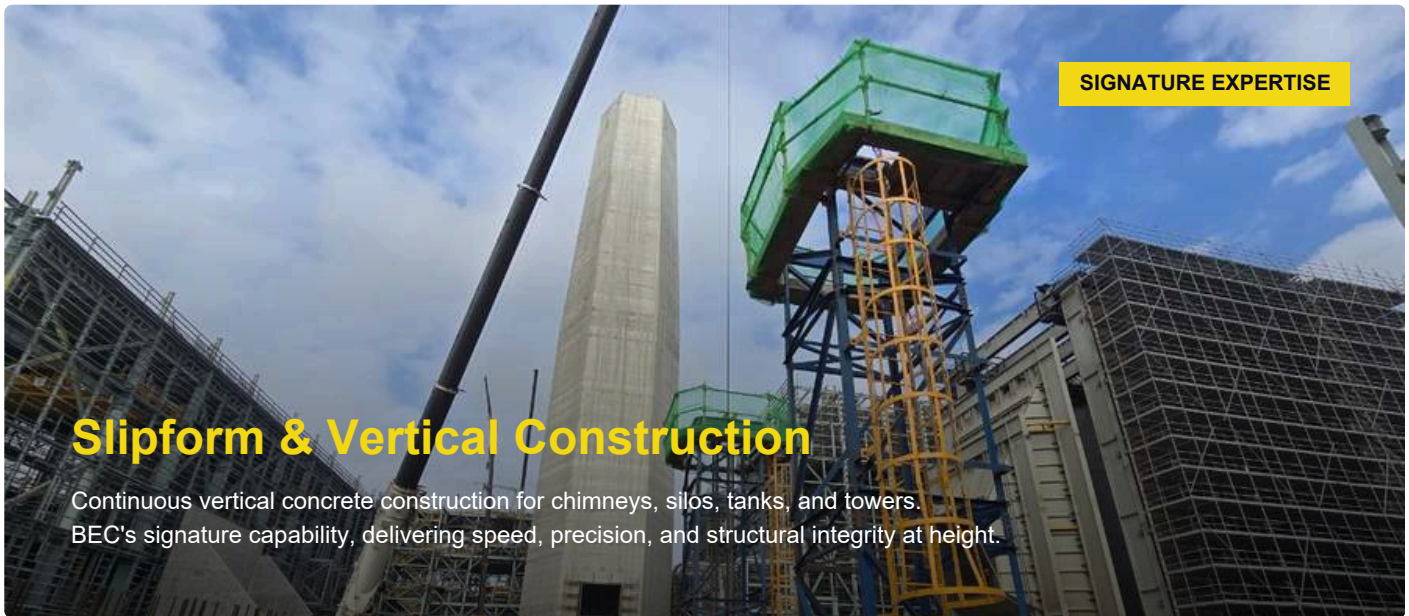


Suriya Veeranathan
Chief Human Resources Officer

With over 30 years' experience, Suriya leads HR and administration across BEC's regional operations. She plays a key role in workforce development, organisational stability, and supporting long-term team performance.

Specialist Services for Complex Environments

End-to-end capability across planning, engineering, design, construction, maintenance, and demolition of complex industrial structures.



Slipform & Vertical Construction

Continuous vertical concrete construction for chimneys, silos, tanks, and towers. BEC's signature capability, delivering speed, precision, and structural integrity at height.

LNG INFRASTRUCTURE

Civil and structural works supporting LNG tank construction. Team experience across 30+ LNG tanks, supporting Tier 1 EPC contractors.

INSPECTIONS, MAINTENANCE & REPAIRS

Planned and reactive works within live operating plants, supported by specialist access solutions including rope access and confined space entry.

STEEL STRUCTURES & INSTALLATION

Fabrication and erection of steel and steel-framed chimneys, structural steel, platforms, and support structures. Heavy lift capability.

DEMOLITION & RESTORATION

Precision dismantling of aging industrial assets in live plant environments. Enabling energy transition and plant modernisation.

REFRACTORY, LINING & INSULATION

Installation and maintenance of refractory systems, borosilicate lining, insulation, and cladding for high-temperature environments.


Supporting services include drone inspections, engineering consultancy, access systems, and specialised industrial works.

Supporting the Full Asset Lifecycle



Vertical Structures & Slipform Technology

Slipform construction is at the core of BEC's capability. Our teams deliver vertical structures in constrained industrial environments where conventional methods are not viable.



Kuantan Tower -
Malaysia
118 m high
observation tower
by BEC slipform.

SPEED

Continuous 24/7 construction reduces programme duration significantly.

PRECISION

Verticality tolerances maintained across structures exceeding 100m. Real-time survey monitoring throughout.

SAFETY

Enclosed working platforms eliminate exposure at height. Integrated safety systems purpose-built for vertical works.

COMPLEXITY

Proven execution in live plants, adjacent to operating equipment, within tight spatial and schedule constraints.

How We Deliver in Complex Environments

We are engaged where environments demand specialist capability, disciplined execution, and deep understanding of operational risk.

01 **LIVE OPERATING PLANTS**

Execution within active facilities under permit-to-work systems, maintaining plant integrity while construction or maintenance works are carried out.

02 **SHUTDOWN-CRITICAL EXECUTION**

Rapid mobilisation and disciplined planning for turnaround and shutdown windows where time directly impacts operations.

03 **HEIGHT & ACCESS COMPLEXITY**

Specialist access solutions including slipform platforms, rope access, gondolas, and custom scaffolding systems.

04 **CONSTRAINED ENVIRONMENTS**

Delivery in restricted and interface-heavy spaces where sequencing, access, and coordination are critical to successful execution.

05 **INTERFACE-HEAVY INDUSTRIAL PROJECTS**

Seamless integration with EPC contractors, operators, and multi-discipline teams to reduce risk and programme uncertainty.

Capability in Critical Energy Infrastructure



LNG infrastructure represents a strategic growth area for BEC. Our teams bring collective experience across 30+ LNG tank projects, gained through supporting Tier 1 EPC contractors on some of the region's most significant energy infrastructure programmes.

We are investing in people, systems, and partnerships to deliver civil and structural works for LNG storage, processing, and terminal facilities.

CIVIL & STRUCTURAL WORKS

Foundations, containment walls, and reinforced concrete structures for LNG tank construction.

SUPPORTING TIER 1 CONTRACTORS

Working alongside major EPC firms on complex, schedule-driven LNG programmes.

ENERGY TRANSITION

Positioning to support the growing demand for cleaner energy infrastructure across the region.

Proven Delivery in Complex Industrial Environments

Balanced Engineering & Construction has completed over 350 projects across multiple sectors, countries and disciplines.

Combined Cycle Emissions Structure



Taiwan

3 x 80m

Multi-flue chimney

Zero LTI

LNG Tank Civil Works - Ongoing



Taiwan

2 Tanks

Supporting Tier 1 EPC contractor

Repeat Client

Refinery Turnaround



Singapore

RCC LP - HP Flare

Flare Stack Maintenance

Ahead of schedule

Stack Demolition



Singapore

181m Stack

Live plant demolition

Zero incidents

Dual-Wall Silo Construction



Philippines

52.575m Height

Concurrent slipforming of walls

Tight timeline

Epoxy Glass Flake Lining



Malaysia

3,200m² Lining

Emergency Repair

Mobilised in 2 days

Selected projects shown. Further experience across sectors and regions available on request.

Safety Systems That Support Execution

Our safety systems are designed to support delivery in high-risk, complex environments. When safety is embedded in planning and execution, it reduces rework, protects programmes, and builds client confidence.



Recognised for strong safety performance, delivered consistently on site.

PLANNING & RISK CONTROL

Systematic hazard identification, risk assessment, and mitigation built into every project plan. Method statements reviewed for constructability and safety.

DIGITALISATION & INNOVATION

Digital safety systems embedded across projects, enabling real-time access to critical information, reporting, and data-driven monitoring at the point of work, supported by continuous site-driven innovation.

EXECUTION & CULTURE

Leadership-driven safety ownership from supervisors through to project directors. Daily toolbox talks, hazard observations, and peer accountability embedded on site.

COMPETENCY & TRAINING

Continuous skills development aligned to work scope, including metal scaffold erection, abseiling and rope access, confined space awareness, and emergency response training (CPR and first aid).



Responsible Execution. Measurable Impact.

ESG is delivered through how we execute, in live plants, complex environments, and high-risk industrial works.

E

ENVIRONMENTAL

- Efficient construction methodologies reducing rework and material waste
- Environmental controls within live operating plants
- Supporting asset modernisation and emissions reduction through demolition and replacement of legacy infrastructure

S

SOCIAL

- Long-serving workforce with strong regional retention
- Certified training for high-risk work environments
- Workforce wellbeing and mental health initiatives
- Community engagement through donation drives and social programmes donation drives, and social initiatives

G

GOVERNANCE

- Anti-corruption and ethical conduct policies
- ISO-aligned management systems for quality, safety, and environment
- Registered Specialist Trade Contractor under Hong Kong Construction Industry Integrity Charter
- Transparent reporting and accountability at all levels

Committed to the Science Based Targets Initiative

BEC has committed to the Science Based Targets initiative (SBTi), aligning our emissions reduction targets with climate science and supporting the global ambition of the Paris Agreement to limit warming to 1.5°C.



Accreditations



Further examples of ESG in practice can be found at: be-con.com/esg-sustainability



Experience-Driven Execution

BEC's strength lies in its people. Our teams are long-serving, deeply experienced, and committed to delivering in the most demanding industrial environments. We retain knowledge, build capability, and invest in the people who make our projects succeed.

01 LONG-SERVING TEAMS

Key personnel with 10-25+ years of experience, many with long-term tenure at BEC. Continuity that reduces risk and accelerates delivery. Long-term teams build long-term results.

02 MULTI-DISCIPLINE CAPABILITY

Integrated in-house design, engineering, and execution teams, maintaining control over quality, safety, and delivery without reliance on subcontractors.

03 REGIONAL DEPLOYMENT

Mobile workforce experienced in cross-border mobilisation across Singapore, Philippines, Vietnam, Taiwan, and the wider region.

04 KNOWLEDGE RETENTION

Structured mentoring, skills transfer, and succession planning that preserves institutional knowledge across projects.

We Specialise Where Others Generalise



01 ■ SPECIALIST, NOT GENERALIST

We focus on what we do best, vertical structures, complex access, and high-risk industrial works. Every project benefits from deep expertise.

02 ■ WE DELIVER IN LIVE ENVIRONMENTS

Our teams are trained and experienced in working within operating plants. We manage interfaces, permits, and operational constraints as standard.

03 ■ INTEGRATED RISK REDUCTION

Safety, quality, and programme management are integrated, not siloed. This reduces surprises, protects schedules, and builds trust.

04 ■ PROVEN REGIONAL CAPABILITY

We mobilise across Southeast Asia with established supply chains, labour networks, and regulatory understanding in every market we operate.

05 ■ TRUSTED BY INDUSTRY LEADERS

Repeat engagement with major operators and EPC contractors is our strongest credential. We earn trust through consistent, reliable delivery.



Engineering Vertical Excellence

Let's build something exceptional together.

CONTACT

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