BlueWhale
ENGINEERING

Company Overview

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01

Company Introduction

Venturing out to grow, coming home to give

BWE's Journey from Global Experience to Local Dedication

01

Who We Are

BWE is a passionate and experienced team in offshore structural design engineering, based in Ho Chi Minh City, Vietnam.

We bring decades of combined experience from global offshore wind and oil & gas projects.

02

Why Vietnam Matters

According to the World Bank, Vietnam holds a technical offshore wind potential of ~600 GW.

This presents a once-in-a-generation opportunity for sustainable energy leadership in Southeast Asia.

03

Our Long-Term Vision

BWE is committed to serving the Vietnamese market in the long run.

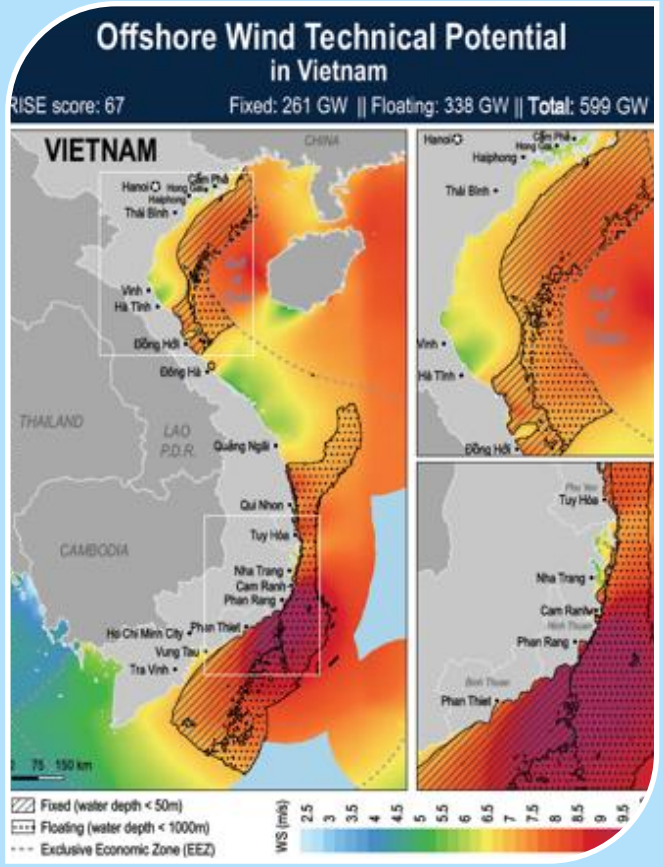
We believe the future of clean energy in Vietnam needs strong local engineering capacity.

04

Our Strategy

While the local market is still in its early stages, we step into the global arena to learn, grow, and build networks.

Our goal: accumulate knowledge, build supply chains, and return when the time is right.



Source: World Bank

02

What We Offer

Structural Design Engineering Services

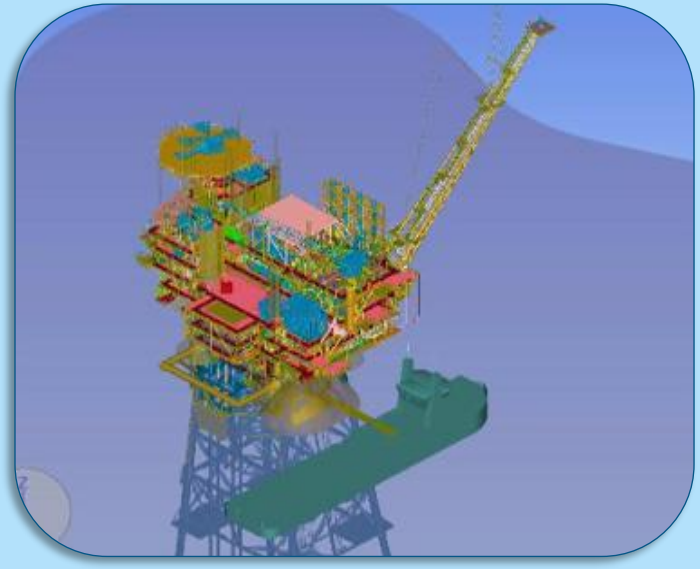
Offshore T&I Design Engineering

- Grillage & Seafastening Design
- Barge global & Local Strength Check
- Rigging platforms Design
- Offshore Installation Aids Design
- Transportation, Lifting, Launching, Pile Drivability, On-bottom stability Analysis

Construction Design Engineering

- Load-out: Skidding, trailer, lifting
- Site moving, Lifting, Temporary support design, Fabrication sequence
- Shop drawing: Piece mark, Assembly, Cutting plan
- Export data to support for Project schedule control

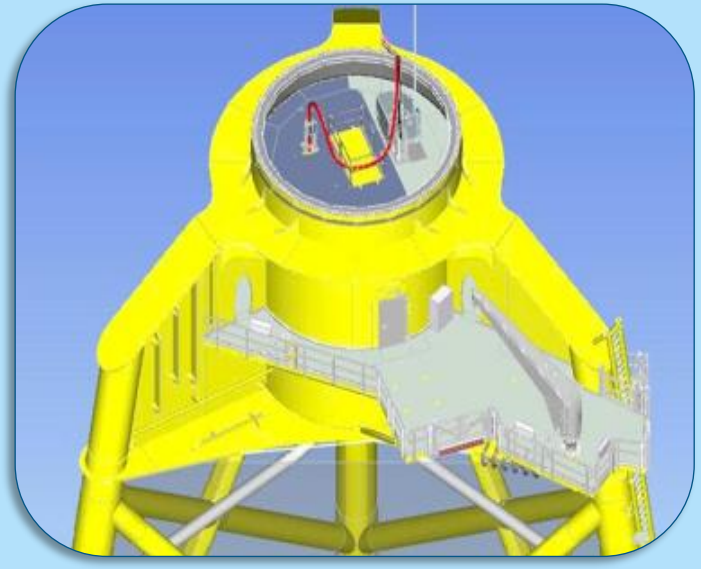
Structural Design Engineering Services



Primary Steel Design

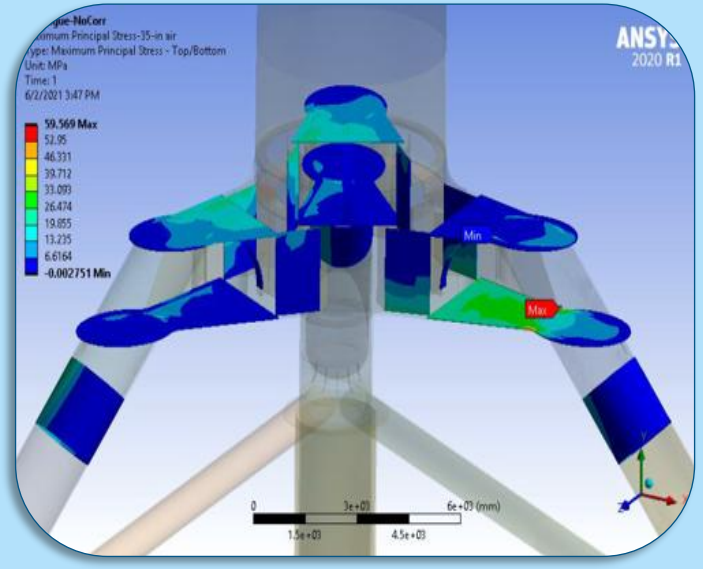
- Structural modules: FSO / FPSO Topside modules, Topside equipment skids, Subsea manifold, SSIV.
- Topside, Jacket & Pile structures:

  Wellhead platform, offshore substation



Secondary Steel Design

- WTG Internal / External access platform.
- Boat-landings, Riser intruder frame, Grouting system, Mudmat design.
- Topside module access platforms, equipment support, pipe support, pipe racks.



Special Design

- Finite Element Analysis
- Topside & jacket critical joints detailed analysis: stress, strain and buckling checks
- Hot-spot stress fatigue check as per DNV-ST-0126
- Grouted connection design as per DNV-ST-0126 & DNV-RP-0419

Core Values

Fast and responsive support

15+ years of experience in design, procurement, and construction support under tight schedules and budgets — enabling us to resolve issues quickly and help projects meet or exceed deadlines with cost efficiency.

Competitive pricing

We combine efficient resource management, streamlined workflows, and trusted vendor networks to deliver high-quality services at optimal cost. Leveraging Vietnam's competitive market rates, our pricing remains significantly lower than in regional and global markets — offering clients maximum value without compromising quality or schedule.

Experiences in offshore design and certification

Extensive experience in offshore engineering and certification with DNV, BV, and Lloyd's Register. Our proven record shows we can deliver safe, reliable, and fully compliant designs to international standards.

Practical solutions

Hands-on expertise and broad industry knowledge ensure practical, cost-effective solutions tailored to each project. We work with leading contractors to minimize risks and optimize outcomes.

03

Team Introductions

The Team

- **01 Engineering Manager**

17-year experiences, overseeing multi-discipline engineering teams, driving key decisions in concept design, managing schedules, resolving critical issues promptly, and interfacing with stakeholders to ensure project success.

- **01 Lead Structural Engineer**

16-years experiences, leading the engineering team, managing project schedules, resolving technical issues, and interfacing with stakeholders to ensure successful project delivery.

- **01 Senior Structural Engineer**

8-years experiences.

- **02 Structural Engineers**

5-years experiences.

BlueWhale ENGINEERING

- **Strategic Partnerships**

We can mobilize an additional workforce of up to 50 skilled professionals across multiple engineering disciplines to meet project demands promptly and effectively.

- **01 Lead Structural Designer** Over 17-years experiences, driving concept development, leading multidisciplinary teams, and ensuring project quality and compliance from design to construction.
- **01 Senior Structural Designer** – 10-years experiences.
- **03 Structural Designers** – 5-years experiences

04

Projects Experience

Project Experiences

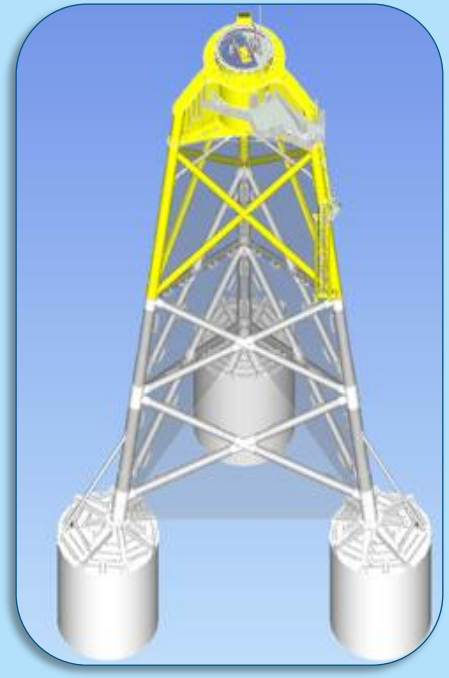
Out team members have extensive offshore experience covering CPPs, Wellhead Platforms, FPSO modules, and wind farms – delivering safe, efficient, and innovative solutions globally.

CPP

The Central Processing Platform is the core of offshore field development. Our team has provided engineering support on multiple CPPs, from detailed design to construction engineering

WHP

Wellhead Platforms are the starting point of offshore production. Our team has provided engineering services for numerous WHPs, from conceptual, detailed design and construction engineering.



Offshore WTG Foundations

We provide engineering support for offshore wind turbine foundations, ensuring stability and efficiency in challenging marine environments.

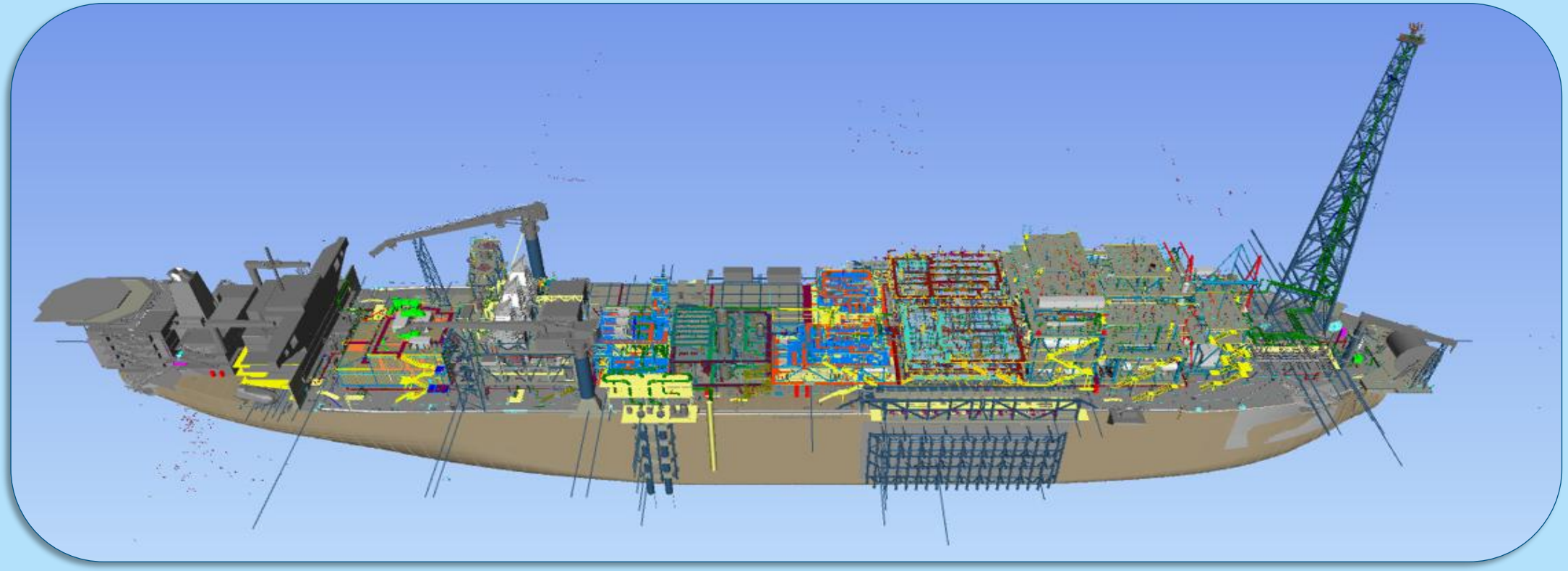
Offshore Substation

Engineering support for jacket & pile design, procurement, and construction: from concept to fabrication, lifting, and load-out.

Project Experiences

FPSO Topside Modules

FPSO Topside Modules are key processing units installed on Floating Production Storage and Offloading vessels, enabling the treatment, storage, and export of hydrocarbons directly offshore. Our team members have contributed vital design engineering expertise to more than five FPSO topside module projects, covering the full scope from conceptual design and detailed design through to construction engineering.



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Let’s contact

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Thank You