



SERVE MARINE ENGINEERING
PTE LTD

SUSTAINABILITY



The shipping industry needs to adopt a comprehensive approach towards sustainability to achieve sustainable development goals, we SERVE MARINE ENGINEERING PTE LTD (SME) strategy planning team think that companies need to shift towards renewable energy sources, invest in energy-efficient equipment, and incorporate waste management into their business model.

By developing a comprehensive sustainability plan, Serve Marine Engineering can achieve its sustainability goals while maintaining profitability.

From short-term to long-term strategies, We SERVE MARINE ENGINEERING PTE LTD (SME) analyzed the sustainability of berthing ship repair, ship conversion business and we are prepared to move forward to face the challenges and targeted growth which namely the sustainability and growth mission of 2026, meanwhile we are also prepared to extend our business towards hybrid vessel building, waste management, namely sustainability mission and target based growth 2028 and renewable energy generation from 2023 to 2033 that would absolutely coverup the forecasting of target based strategy plan of next 10 years \$\$\$\$BB

Our Movement shifts toward sustainable practices is not only a moral obligation but also an economic opportunity for companies in the shipping industry, environment service providers, offshore engineering, and renewable power generation company and supportive of world greeneries policies implemented by most of the governments worldwide. We SERVE MARINE ENGINEERING focusing on companies achieving sustainable development goals while maintaining profitability.

The shipping industry contributes significantly to global economic growth, but it's also a significant contributor to environmental pollution. The industry has been facing sustainability challenges, such as air and water pollution and carbon emissions, which require a comprehensive approach. As part of long-term sustainability, it's essential to incorporate sustainable development goals into the business model. Our strategy plan shall explore the sustainability of berthing ship repair, ship conversion business, hybrid vessel building, waste management, and renewable energy generation from 2023 to 2033.

Our team study employs a combination of qualitative and quantitative approaches to collect and analyze data. Empirical sources include peer-reviewed journals, government reports, and industry publications. We SERVE MARINE analyzed the data using content analysis to identify the key sustainability challenges and opportunities for the shipping industry.

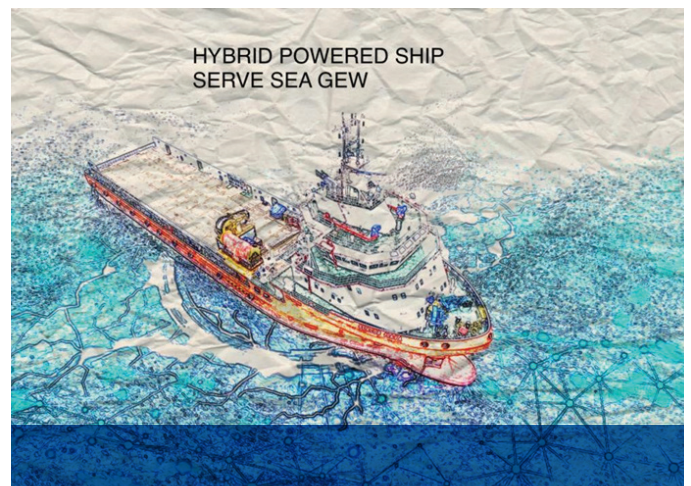
Our Short-term sustainability (2023-2026): Berthing Ship Repair, Ship Conversion Business

The short-term sustainability plan for berthing ship repair and ship conversion business should focus on reducing the carbon footprint through the efficient use of energy, water, and materials. To achieve this, companies need to invest in energy-efficient equipment and incorporate renewable energy sources. By 2026, companies should aim to reduce the carbon footprint by 20%.



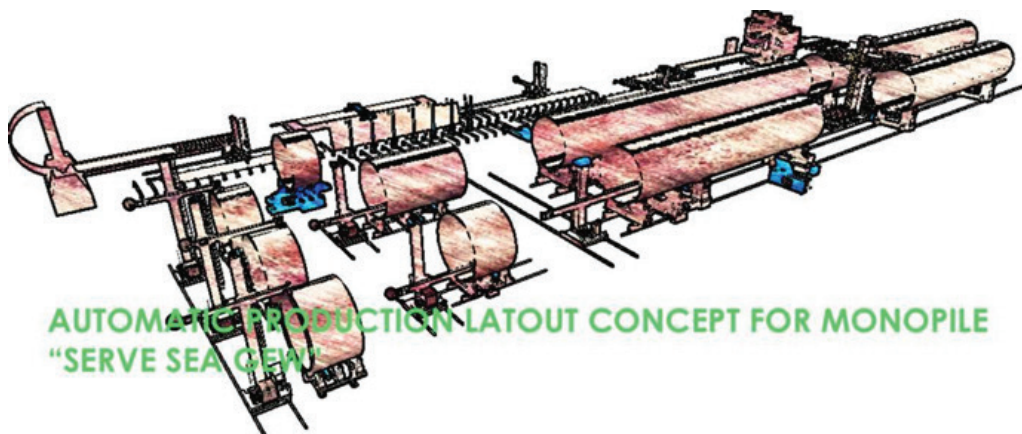
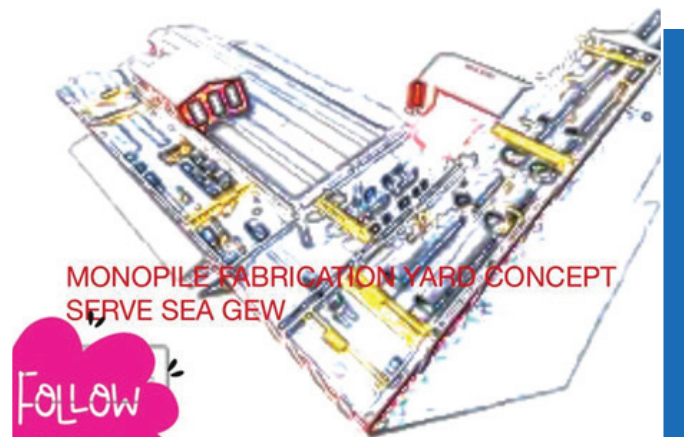
Midterm Sustainability (2026-2028): Hybrid Vessel Building, Waste Management

We would be approaching worldwide vessel owners to Build hybrid vessels which will reduce carbon emissions and improve fuel efficiency. Companies should also invest in waste management to reduce the environmental impact of their operations. By 2028, companies should reduce their carbon footprint by 45%.



Long-term sustainability (2028-2033): Renewable Energy Generation

SERVE MARINE ENGINEERING PTE LTD should expand continue and shift business towards renewable energy sources such as solar, wind turbine, and bioenergy to achieve long-term sustainability. Companies should draw a plan to utilize non usable offshore platform areas, innovate high-performance solar, and wind devices, innovate install multiplier solar panels, 1000 times multistage planetary gear type wind turbines, and fuel cells to generate clean energy. By 2033, companies should aim to generate 75% of their energy from renewable sources.





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