

# BUSINESS LEADERSHIP IN SUSTAINABILITY TRANSFORMATION

With the world's growing focus on sustainability, PSA moved full steam ahead with its sustainability plans, carefully analysing all processes and equipment, ensuring maximum carbon footprint reduction. PSA has committed to achieve 50% absolute carbon emission reduction (from 2019 levels) by 2030 and net zero carbon emissions by 2050. To achieve this ambition, PSA makes use of green technologies such as:

1. Smart Grid Management System to reduce the energy consumption of all port assets that are connected to the terminal electricity network
2. Exploring low carbon alternatives such as Liquefied Natural Gas (LNG)
3. Electrification of container handling equipment
4. Battery and Hydrogen Fuel Cell electric vehicles for horizontal transport
5. Green construction materials, such as Ground Granulated Blast-Furnace Slag (GGBS), a by-product of steel production which will reduce cement usage by 80%

PSA not only looks at transforming itself but also adjacent industries, to create a virtuous cycle benefiting all parties involved. One example is the hydrogen truck Proof of Concept project, which aims to showcase and encourage adoption of hydrogen trucks in Singapore. This approach aligns PSA's brand promise to be "always alongside" stakeholders, supporting them through the transition to decarbonise and to drive sustainable value creation.



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