

Safe, Secure Storage for Ammonia

Engineering for long-term safety and environmental protection

Safe storage will be a critical part of our operations, ensuring ammonia is securely contained and monitored. Our storage systems will be designed with multiple layers of safety to protect our employees, neighbors and the environment.

Preventing leaks and ensuring containment

Each ammonia storage tank will be designed as a double-walled unit – a tank within a tank. This will provide two layers of protection against leaks and other potential, though unlikely, operational disruptions. Vapor recovery systems and pressure-relief valves will be built into each storage tank to maintain ammonia in a stable liquid form and help reduce pressure buildup.

Refrigeration for stability

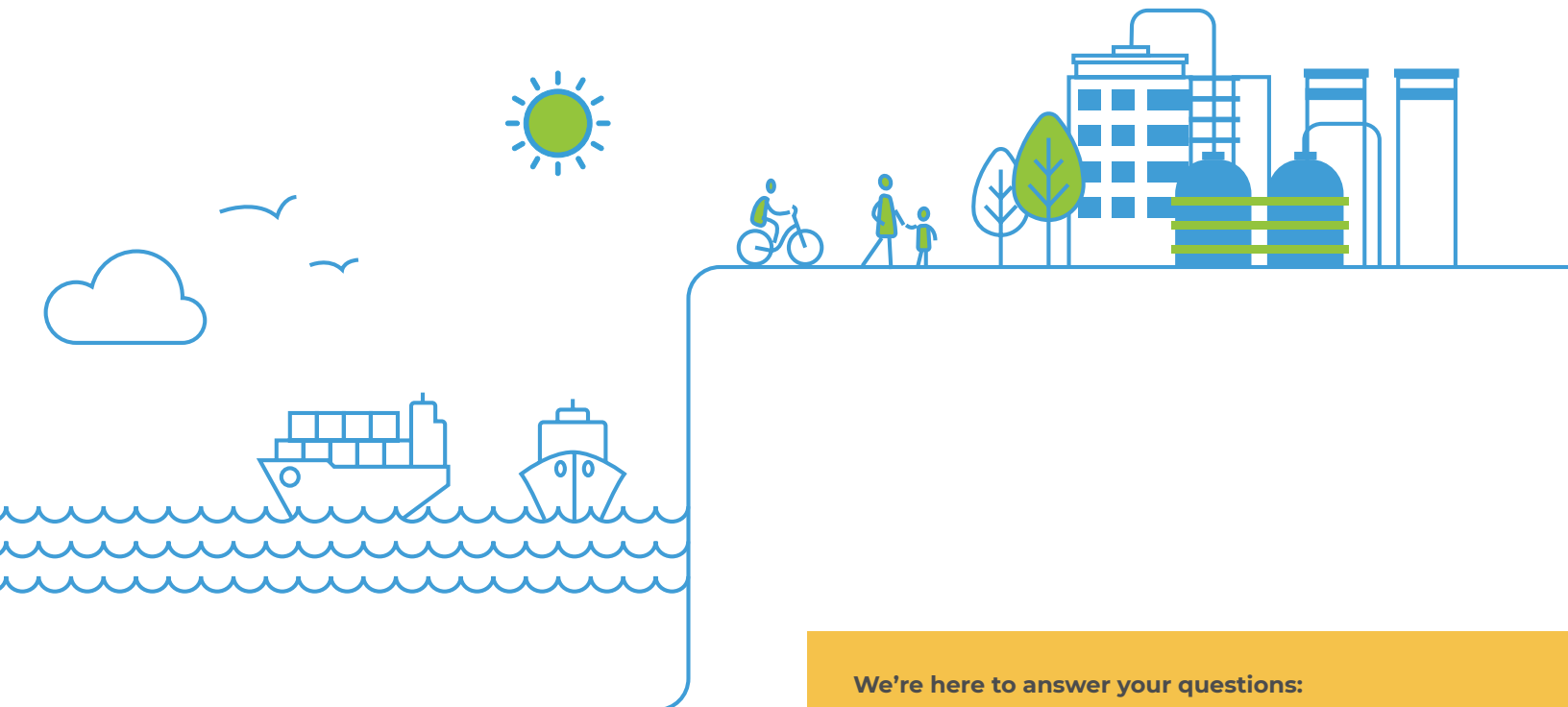
The temperature within each storage tank will be maintained at -33°C (-27°F). Liquified ammonia is more stable, making it easier to monitor and control.

Continuous monitoring and automated controls

Sensors, alarms and real-time monitoring systems will track storage conditions 24/7 to detect even the smallest change in pressure and temperature.

Proactive safety management

In addition to rigorous employee training and strict safety protocols, Project YaREN will partner with local, state and federal emergency response organizations to maintain fast, effective action plans in the unlikely event of an emergency.



We're here to answer your questions:

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