

Quantum Oasis — Technical Overview

Core Technology: Multi-modal energy harvesting: vibration, solar, water-to-electricity, and trilayer■graphene thermoelectrics enhanced with Thompson Optimization for 30–50% efficiency gains.

Energy Stack: Road/rail vibration harvesters, plasmoid water■splitting, solar arrays, AI-optimized thermoelectric modules.

Infrastructure: Rapid-deploy geo-dome shelters with integrated comms, HVAC, and optional helium-lift evacuation.

AI Grid Management: Predictive allocation, self-healing microgrids, autonomous field ops in disaster zones.

Applications: Disaster relief, defense logistics, rural electrification, resilient public infrastructure.

Patent Status: Provisional filed (micro entity) — 'The Quantum Oasis with Thompson Optimization'.

Next Steps: Congressional briefing, I■71 pilot program, Ohio manufacturing partnerships.