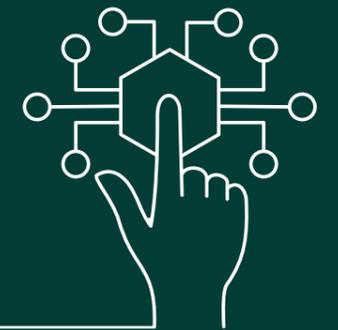


TECHNOLOGY AND INNOVATION

At Arabian Drilling, our unwavering commitment to continuous technological advancement drives efficiency, sustainability, and innovation across our operations. By strategically investing in cutting-edge solutions, we enhance performance, reduce environmental impact, and ensure operational excellence. These efforts are integral to our mission to lead the industry in sustainable energy practices and align with evolving market demands and national priorities.

Our investments in cutting-edge technology position us as leaders in innovation and sustainability.



Our commitment to enhancing sustainability in energy production includes reducing our carbon footprint and improving efficiency through the implementation of solar panels, battery systems, and fuel monitoring technology. On our AD-36 rig, a 50 kW solar panel system achieved significant efficiency of 80%, demonstrating the potential to eliminate reliance on the camp engine. Similarly, initiatives on AD-66 and AD-14 aim to deploy battery energy storage systems capable of replacing an engine, targeting reductions of 14% in fuel consumption, 16% in emissions, and 35% in engine running hours.

We invest significantly in advanced drilling techniques that elevate performance and safety standards. Our AD-14 rig features state-of-the-art technology, including the OPERA intelligent drilling system, which automates rig equipment and activities through a combination of smart apps and an automation platform. Other enhancements include an automated pipe-handling system that replaces the derrickman's role at the racking board, a hydraulic catwalk for lifting drill pipes and collars without human intervention, and a drill cyber chair that empowers operators with fingertip control through advanced systems and technologies.

Digital transformation is a driver of operational efficiency and productivity. The Infinity Innovation Lab serves as a hub for optimizing drilling performance, predictive maintenance, data transparency, and continuous improvement, enabling greater operational efficiency across our rigs. Complementing this is our Behavior Empowerment Center (BEC), a rig surveillance facility designed to improve safety outcomes through proactive interventions, enhanced accountability, and data-driven safety enhancements. Together, these initiatives ensure that our operations remain at the cutting-edge of technological progress.

Collaboration and knowledge sharing are integral to our strategy. By actively engaging in industry symposiums such as the Drilling Innovation Technical Symposium & Exhibition, we contribute to developing innovative solutions and fostering partnerships across the sector. Recent initiatives, including the integration of SAP to enhance operational efficiency, further reflect our commitment to aligning with Saudi Arabia's Vision 2030 and reinforcing our position as a leader in innovation and sustainability.

