



## TECHNOLOGY TRANSFORMING ACCOMMODATION IN WA'S RESOURCES INDUSTRY

Western Australia's resource industry is one of the largest and most dynamic in the world, operating in some of the most remote and demanding environments on the planet. For decades, housing workforces in these locations meant accommodation was purely functional - designed to serve a purpose, not to enhance the experience of those who live there.

But that's changing. Thanks to homegrown innovation, a new era of remote living is emerging - one where technology, speed and sustainability deliver smarter, more resilient and more comfortable solutions for workers on site.

At the forefront of this shift is NXT TEC., a Western Australian building technology company reimagining how accommodation is designed and delivered. With its patented system and advanced manufacturing methods, NXT TEC. is creating living spaces that are faster to build, stronger by design and built with people's wellbeing at their heart.

"The future of remote accommodation lies in intelligent, integrated building technologies," says Mataka O'Goshi Lim, Technical Director and inventor of the NXT® Building System.

"By manufacturing high-quality components offsite with precision, then assembling them rapidly onsite, the technology cuts down construction time and costs, while ensuring durability and performance."

The NXT® Building System is unlike traditional construction. Think of it as a sophisticated, large-scale kit of parts: eleven core components fabricated in a controlled manufacturing environment, then assembled on site within days, not months. The result? Entire villages can be delivered at speed, with minimal waste, reduced environmental impact and full compliance with Australian standards.

Designed and built in WA, NXT TEC.'s solutions are created for durability and are rated for cyclones, bushfires and high energy efficiency. Each project can be independently certified with an Environmental Product Declaration (EPD), proving its sustainability credentials. For remote WA sites, this means robust housing with wind region D cyclone ratings, BAL-40 bushfire attack levels and NatHERS 7+-star energy efficiency, engineered to withstand the toughest environments.

But this technology isn't just about efficiency, it's about people.

FIFO life has long been associated with challenges around wellbeing and retention. NXT TEC.'s Mine Site Studio Apartments are designed to directly address this, offering private 18m² self-contained units complete with ensuite, laundry, bedroom and living space.

"When people have privacy, comfort and everyday amenities like their own laundry, their morale and wellbeing improve significantly," says Natasha Di Ciano, Chairman and Managing Director of NXT TEC.

"That translates into better retention, stronger teams and a real competitive advantage for resource companies."

Beyond the individual units, NXT TEC.'s building system also enables the development of full-scale Mine Site Resorts, with integrated recreational facilities and community hubs that support healthier, more balanced lifestyles in remote locations.

For WA's resource sector, the benefits are clear: more resilient infrastructure, faster deployment and an improved quality of life for the people powering the industry.

For the state, it signals something bigger - a future where Western Australia leads the way in sustainable, technologically advanced resource development.

NXT TEC. is proving that remote living doesn't have to be basic. It can be smart, sustainable and built for the wellbeing of the people who call it home.

