

22 November 2018

WESTERN AUSTRALIAN COMPANY DELIVERS WORLD FIRST IN ENVIRONMENTALLY SUSTAINABLE BUILDING

Western Australian building technology company **NXT TEC. Ltd (NXT)** will build the world's first hotel to achieve a verified Environmental Product Declaration (**EPD**).

The Wyndham LUX Perth Hotel, to be built on Great Eastern Highway in Rivervale, is the first hotel worldwide, and the only built structure in the southern hemisphere, to obtain an EPD.

An EPD is an independently verified document that reports environmental information about the entire life cycle of a product, in this case, the Wyndham LUX Perth Hotel building. Producing an EPD is an internationally recognised way for companies like NXT to be transparent about the environmental impact of producing and maintaining products. To deliver the hotel's EPD, its life cycle was assessed using rigorous scientific methods, conducted according to strict international standards.

Chair of the Australasian EPD Programme Stephen Mitchell said having an EPD showed **NXT** was a contemporary business setting the bar in its industry.

"Obtaining the first EPD for a hotel globally at the concept design stage is a significant achievement that **NXT** should be incredibly proud of," Mr Mitchell said.

"Not only does it set a benchmark for the hospitality sector, this EPD demonstrates **NXT's** genuine commitment to environmental transparency and improved environmental outcomes."

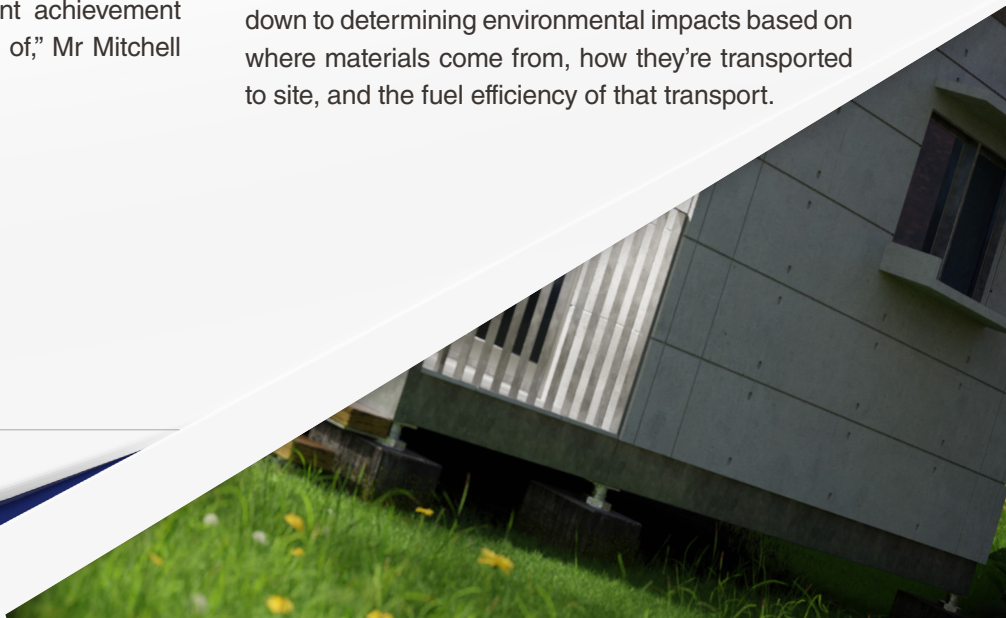
NXT developed a unique, simple model of assembling buildings using a suite of patented technologies to reduce wastage and significantly improve time, cost and energy efficiency.

The building system, which can be implemented from the foundations up to the skylights, was designed to be environmentally sustainable and was a factor in **NXT** achieving such favourable EPD results.

NXT TEC. Ltd chairman and managing director Natasha Di Ciano said while it was not uncommon for building companies to conduct life cycle assessments, EPD verification required data to be collected and reported according to strict rules and standards.

"Obtaining an EPD for an entire hotel building is not a simple process," Ms Di Ciano said.

"It requires collecting and analysing a substantial amount of data about the building's life cycle – right down to determining environmental impacts based on where materials come from, how they're transported to site, and the fuel efficiency of that transport."



“We then looked at the operational efficiency of the hotel, down to how much water would be used to wash the floors. It’s incredibly rigorous.”

To obtain an EPD, **NXT** assessed the environmental sustainability of more than 99 per cent of the mass of the hotel over its life cycle, from sourcing raw materials through to dismantling and disposing of the building materials at the end of its usage period.

“**NXT** is committed to creating environmentally sustainable buildings, so this information drives the continuous improvement of our products. By quantifying the environmental impact of our buildings, we can ensure our future projects are exponentially more sustainable,” Ms Di Ciano said.

The information within **NXT**’s EPD will also enable architects, engineers and builders to achieve project environmental targets for their own buildings by utilising the **NXTTM Building System** or its individual technologies.

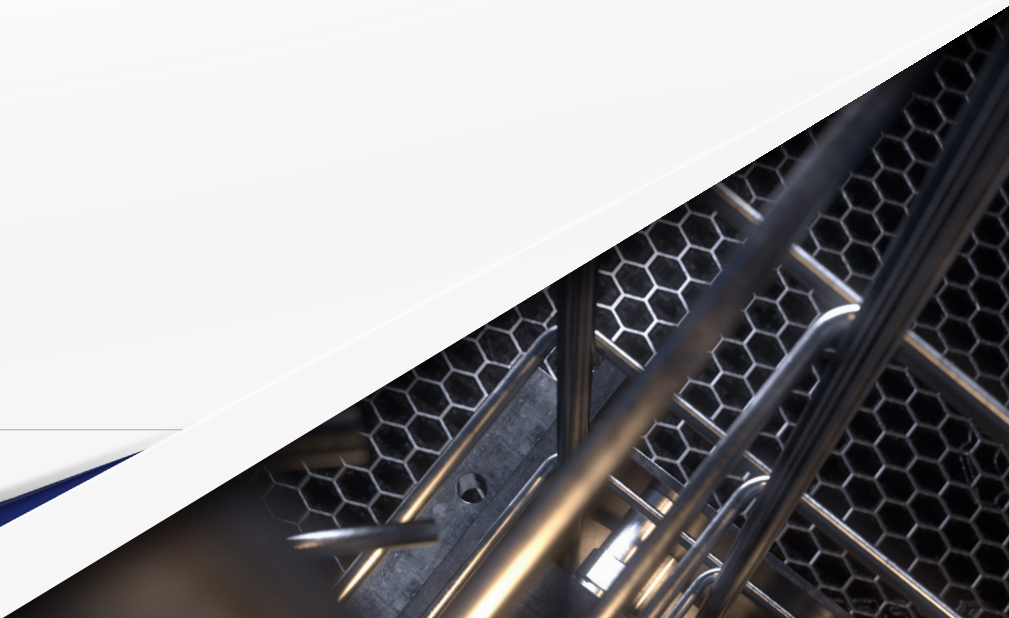
Wyndham Destinations Asia Pacific Senior Vice President of Acquisitions, Procurement, Project Management and Technical Services, David Wray said the company was proud to be managing the hotel when completed.

“The Wyndham LUX Perth Hotel will change the nature of hotel development and hospitality by placing a greater emphasis on minimising the environmental impact of building and ongoing management,” he said.

“Our company is committed to sustainability and it resonates strongly with our guests. We are pleased to partner with **NXT** and this announcement will give our guests confidence that a stay at Wyndham LUX Perth is an environmentally responsible one.”

Works on the Wyndham LUX Perth are planned to commence in the near future.

NXT’s full EPD is available online via <https://www.environdec.com/>



ABOUT NXT TEC. LTD.

Based in Western Australia, **NXT TEC. Ltd** ("NXT") is a building technology company that is revolutionising structures from the bottom up. Using smart, patented technology, **NXT** can assemble high-quality, environmentally friendly large-scale projects significantly faster and cheaper than conventional construction.

NXT improves all-round efficiency by simplifying, standardising and managing the building process from design to manufacture to assembly. By using smarter materials in a more intelligent way, **NXT** solves the time, cost, risk and quality problem for project owners for large-scale building projects.

The **NXT** system of assembling, as opposed to constructing, requires six steps with a small team of people. All components of a project, from the foundation up, are fully designed and manufactured off-site to specification and local compliance standards. The patented technologies then lock together within the **NXTTM Building System** on-site, requiring just a small team of moderately-skilled personnel. **NXTTM Technologies** do not require scaffolding or welding on-site, significantly improving site safety.

NXT was a recipient of an Accelerating Commercialisation grant as part of the Australian Government's Entrepreneur's Programme in 2017.

ABOUT THE NXTTM BUILDING SYSTEM

With a truly standardised system, **NXT** is lowering the barriers to building and making quality builds more accessible for people across the globe through the simplicity of manufacturing and assembly.

We now have the ability to leave behind construction as we know it today, moving instead to a sophisticated system that delivers an assembly model to build the world around us.

The **NXTTM Building System** revolutionises the building process, removing inefficiencies of traditional construction and providing a complete end-to-end flexible system that can meet any design specification. With a suite of 11 proprietary technologies that simply assemble together from the foundation up, the **NXTTM Building System** optimises productivity end-to-end to deliver complete turnkey solutions for large-scale projects, significantly faster and cheaper than conventional construction, without compromising quality or the environment.

NXT has undertaken independent testing to provide third party validation of the **NXTTM Building System**. All testing has demonstrated the **NXTTM Building System Technologies** perform at or above the globally recognised Australian Standards ("AS") and Building Code of Australia ("BCA").

ABOUT THE WYNDHAM LUX PERTH HOTEL

The Wyndham LUX Perth Hotel showcases the versatility and capability of the **NXTTM Building System**. The Hotel features 120 rooms and contemporary hospitality facilities spread over 10 levels. Utilising all eleven technologies of the **NXTTM Building System**, the Wyndham LUX Perth project will deliver a five-star Hotel within 12 months from foundation to completion.

The Hotel was designed by **NXT** using only **NXTTM Technology** components, which will be manufactured locally to specification for on-site assembly. Each technology plays an important role within the **NXTTM Building System** and, when manufactured to scale for this project, they will work together to result in a fully-functioning example of the system. Although materials are prefabricated, the Wyndham LUX Perth will be an attractive, architecturally-designed structure rivalling the aesthetics of conventional construction hospitality builds. The critical differences, however, include the time, budget, wastage and quality of the final product, for all of which the **NXT** Wyndham LUX Perth Hotel produces superior results.

