

EDMS Australia

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ZIP LINE INFRASTRUCTURE PROJECT



Jungle Surfing Canopy Tours

Commissioned in 2013, EDMS Australia designed, fabricated and installed an innovative tourism infrastructure – The Human Hamster Wheel.

With no mainland electricity supply and a UNESCO World Heritage Site to preserve, an oversized human powered treadmill winches surfers upwards. The circular motion of the wheel winds a cable onto a giant drum, hauling surfers' treewards without the need for stairs or generators.

EDMS Australia's Solution

- The Human Hamster Wheel award winning Eco-Tourism attraction.
- A stylised patron waiting facility.
- 6 innovative canopy treehouses with interconnecting ziplines.
- A Zipstop zipline infrastructure at the final ground station.



HOW WE CAN HELP

EDMS continually develops and positions its resources to be an innovative Tropical North Queensland leader in construction, engineering design, project management, technical support, inspection services and detail design drafting for Tourism, Defence, Marine, and Sugar, Industrial and Resource projects.

Our Cairns based Design Office and Townsville Fabrication and Construction facility are well placed to deliver local solutions and support for your next project.

TOURISM AND RELATED INFRASTRUCTURE PROJECTS



MT Baw Baw Zipline Tower

Mt Baw Baw alpine village is Melbourne's closest downhill ski resort offering a fun, safe and affordable snow experience through winter and endless hours of outdoor adventure year round.

EDMS Australia produced a conceptual design for a proposed zipline facility towers and cables.



Palm Island Ferry Waiting Area

Palm Island is a tropical Island with a resident community of about 5,000 people, located 65km north-west of Townsville, an 1 ½ hour journey by ferry with Sealink Queensland.

EDMS Australia produced a conceptual design for an upgraded ferry passenger waiting area.



Edge Hill State School

In 2016 Edge Hill State School Cairns contracted EDMS Australia to supply and install child and cyclone proof sun shelters in the school playground.

EDMS Australia's team of engineers and draftsmen in Cairns and its fabrication and construction team in Townsville designed, built and installed the all metal shelters and included an architectural feature that reflects the school's values.



Townsville Pontoon

In 2016 Sealink Queensland contracted EDMS Australia to design and supply a passenger ferry pontoon for their Townsville facility.

EDMS Australia's team of engineers and draftsmen in Cairns and its fabrication and construction team in Townsville designed, built and launched the pontoon.