

Case Study

TNT Express

LED Lighting

Challenge

TNT, one of Australia's leaders in transport and logistics, were interested in conducting a suite of LED lighting upgrades across 13 depots in NSW, ACT, NT, QLD and TAS. The goal of the project was to reduce electricity consumption, improve lux levels and lighting quality across depot operational areas and reduce ongoing maintenance costs.

TNT required a lighting solution that would provide a payback of 2 years and achieve a lighting energy reduction of an estimated 30% on all sites. The project presented the challenge of maintaining lighting to the depots during the works such that all parties had uninterrupted use of all parts of the depots and minimum disruption to operations.

Solution

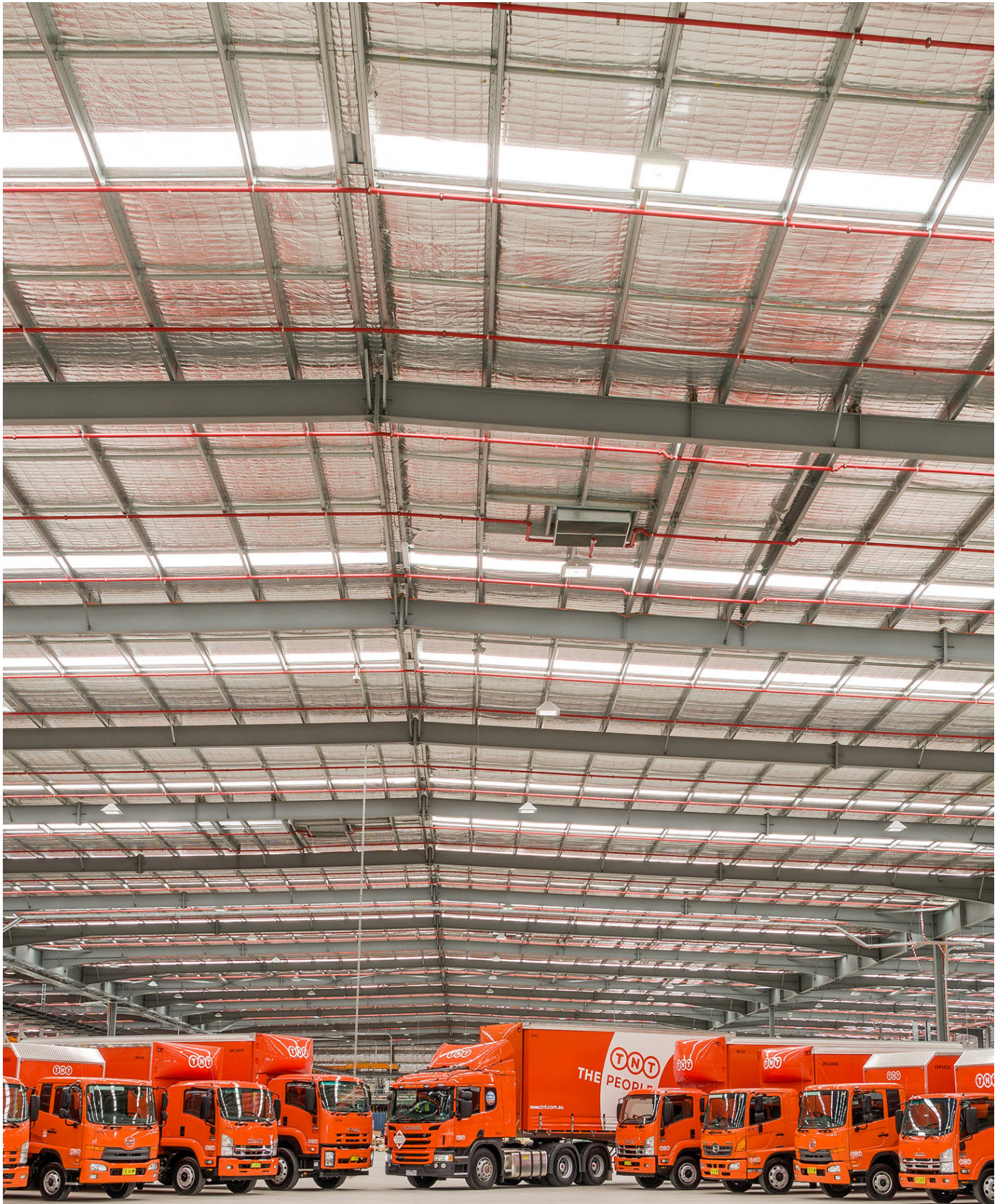
The project was completed successfully, with more than 2,000 LED lights installed and TNT receiving more than \$120,000 in VEEC/ESC subsidies towards the total cost of the project. The final payback period for the project was forecasted to be 1.3 years. This was achieved in line with expectations, a great result for all involved.

In addition, TNT will now look forward to saving \$250,000 per annum and 1,587,014 kg CO₂ emissions, equivalent to taking 340 passenger vehicles off the road each year, contributing enormously towards offsetting TNT's carbon footprint.

1,587,014 kg CO₂

emissions reduced annually





Payback period of
1.3 years