

Drive for Sustainability

Replacing Diesel Pickup Truck with an EV for Site Visits



The Project

Crane & Timber Inc. is a Manitoba crane company offering innovative hoisting solutions. Started in 2020 by Ben & Ashley Rawluk, they saw an opportunity to provide new hoisting services using articulating boom cranes, also known as knuckle boom cranes. These cranes have much greater maneuverability compared with traditional boom trucks.

Worrying about their daily emissions, and wanting to reduce their environmental impact where they can, they rightsized their 3/4 diesel truck, which was used to inspect jobs and pick up supplies, with a fully electric SUV.

Through the partnership between Manitoba Green Advantage and Green Economy Canada, Crane & Timber were able to access expert guidance, practical resources, and financial support allowing them to jump in and get first-hand experience with using an EV.



 Springfield, MB

 Construction

The Benefits



Reduced
Carbon Emissions



Reduced
Energy Costs

Drive for Sustainability



The Results

By switching from a diesel truck to an electric SUV, Crane & Timber are expected to reduce their GHG emissions by 17 tonnes of CO₂e annually.

In addition to environmental benefits, they are experiencing significant cost savings. Previously, they were averaging 120 litres of diesel per week, driving 500 km, for a cost of \$230. With their EV, this has been reduced to \$14 for the same 500 km distance. They are expecting to save approximately \$10,000 annually, meaning this EV will pay for itself in under 7 years just from the avoided cost of diesel fuel.



Project Advice
Ben Rawluk
Owner

I would say to go for it 100%. People talk about range anxiety and charging issues/concerns. Just do it, you'll easily figure it out and love it. It's one of the greatest things we did from an efficiency standpoint and now we're looking at using battery packs for powering our cranes.



Green Economy Canada's National Hub provides a cost-effective, practical, and hands-on approach to help organizations across Canada take action on climate change and build sustainability into their operations. We provide training, resources, and 1:1 support to help our members measure and reduce their carbon footprint while saving money, building their brand, and becoming the supplier and employer of choice. Join us in making business better, together. Contact us at info@greeneconomy.ca or visit our website at greeneconomy.ca to learn more.