

Borcat Trailers Embraces Capral Aluminium's LocAl® Green: A Step Towards Decarbonising Australia's Industrial Transport Sector.

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In Australia's vast and varied landscape, where long distances separate cities and regions, the transport sector plays a pivotal role in connecting communities and driving economic activity. However, with growing concerns about climate change and environmental sustainability, a pressing need to decarbonise this crucial sector is needed. Recognising this urgency, Australian trailer manufacturer Borcat Trailers has taken a significant step towards sustainability by embracing Capral Aluminium's LocAl® Green lower-carbon aluminium.

Borcat Trailers, a renowned name in the Australian trailer manufacturing industry, has built its reputation on quality, durability, and innovation. Committed to reducing its environmental footprint, the company has partnered with Capral Aluminium, a leading supplier of aluminium products, embracing LocAl® Green lower carbon aluminium as the new standard for extruded aluminium supplied into its business.

Capral's LocAl® offer includes two lower carbon aluminium options: LocAl® Green with carbon emissions of 8kg CO₂e/kg Al* and LocAl® Super Green at 4kg CO₂e/kg Al* - amongst the lowest carbon aluminium available globally.

The carbon emissions in primary aluminium production range from under 4kg CO₂e/kg Al to over 20kg CO₂e/kg Al, largely dependent upon the energy sources used. The current global average carbon emission for primary aluminium is approximately 13.9 kg CO₂e/kg Al.*

Luke Hawkins General Manager Industrial and Supply Chain, comments:

"At eight kilograms of carbon emissions per kilogram of aluminium, the LocAl Green offer has significantly lower carbon emissions than the current global average for primary aluminium. At 4 kilograms, LocAl Super Green is 75% lower; this is a significant reduction. It gives Australian manufacturers an important opportunity to make more responsible procurement decisions when they source extruded aluminium."

In addition to offering a product with lower carbon emissions, Capral has also become the first and only ASI-certified aluminium extruder in Australia. This provides its customers with the added assurance that the aluminium it supplies is responsibly sourced and managed at every



stage of the aluminium value chain, from mining and refining right through to extrusion and supply by Capral

Borcat Trailers' decision to switch to LocAl® Green, lower-carbon aluminium for all aluminium extrusions used in its trailer manufacturing process, reflects a broader trend within the Australian transport sector.

As the world grapples with the challenges posed by climate change, industries worldwide are under increasing pressure to adopt sustainable practices. In transportation, this means reevaluating traditional manufacturing processes and materials to reduce emissions and minimise environmental impact.

Paul Gallagher, owner of Borecat Trailers, comments, **"Over the years, Borcat Trailers have prioritised pioneering new technology as trailer designs and industry demands changed. The end result is that Borecat is recognised for delivering high-quality trailers that are "Built to Last", which led to our reputation in the industry for producing the best truck bodies, dogs and tip-over-axle trailers on the road."**

"Aluminium has many advantages in trailer manufacturing; durability and lightweight are major ones, particularly now that, as an industry, we are looking for ways to decarbonise. A lighter weight trailer is more efficient to tow and allows operators to maximise their payload"

Now, with access to LocAl Green from Capral, Borcat can deliver all the benefits of an aluminium trailer while drastically reducing the embodied carbon associated with the build. This is super important for our clients, particularly those who are managing large fleets or servicing the infrastructure space, where decarbonisation has become a top priority."

The transport sector significantly contributes to greenhouse gas emissions, accounting for a substantial portion of Australia's carbon footprint. From heavy-duty trucks to commercial trailers, the vehicles and equipment used in transportation rely heavily on fossil fuels, emitting CO₂ and other pollutants into the atmosphere. Decarbonising this sector is essential for mitigating climate change, improving air quality, and fostering healthier communities.

In addition to adopting sustainable materials, Borcat Trailers is also exploring other avenues for reducing its environmental footprint. This includes investing in energy-efficient manufacturing processes, optimising supply chain logistics, and actively recycling waste. By taking a holistic approach to sustainability, the company aims to set a new standard for environmentally responsible manufacturing in the transport industry.

Furthermore, Paul and his team recognise that embracing sustainability is not just a moral imperative; it's also a business opportunity.

"Clients are increasingly demanding eco-friendly products and services, and companies that fail to adapt risk being left behind," adds Paul.



By aligning their operations with principles of environmental stewardship, businesses like Borcat Trailers demonstrate their long-term viability in a rapidly changing market.

The decision by Borcat Trailers to embrace Capral Aluminium's LocAl® Green product represents a significant milestone for the business. By prioritising sustainability and innovation, the company sets an example for others to follow. As the world faces the challenges of climate change, collaboration and collective action are more important than ever.

* CO2e emissions stated are ex-smelter based on kilograms emitted per kilogram of aluminium produced – Aluminium Smelting and Casting

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Photography

<https://www.dropbox.com/scl/fo/cy1ewx80t8d5dsdply2w/AO1ZF2rjRSGyWeLuaBtXX7c?rlkey=nitewj1fkpvmaofv9d7jkrhiz&dl=0>

Any questions or to request additional imagery or quotes please contact

Kellie Moore

Corporate Marketing Communications Manager | **Capral Limited**

m +61 416 154 943

e kellie.moore@capral.com.au