

Barramundi Adventures Darwin

Sustainability & Emissions Reduction Plan



Our Commitment

At Barramundi Adventures Darwin, we are committed to protecting our environment, respecting cultural heritage, supporting our community, and building a sustainable future for the Northern Territory.

As Darwin's only land-based barramundi fishing attraction, we have a unique responsibility to operate in a way that preserves our environment and strengthens our community, while inspiring our guests to value sustainability through hands-on, educational, and fun experiences.

This plan is both a **roadmap and a promise**. It outlines how we will continue to reduce our environmental footprint, invest in people and culture, and support a strong, resilient Top End economy — while also setting clear targets for reducing emissions.

1. Environmental Responsibility

Water Conservation

- Timers installed on all sprinkler systems ensure irrigation occurs only during cooler hours, preventing evaporation and waste.
- Ponds are managed carefully to balance ecological health with guest experiences.
- **Goal:** Reduce overall water usage by **20% by 2026**.

Waste Reduction & Recycling

- Separate bins for waste and recycling across the property, supported by signage for staff and guests.
- Plastics phased out wherever possible — replacing straws, cutlery, and juice bottles with bamboo or carton alternatives.
- **Goal:** Divert **60% of waste** away from landfill by 2027.

Energy & Emissions Reduction

- Partnering with **CSIRO** to trial solar-powered aerators, reducing reliance on fuel-based systems.
- Monitoring energy use across the property to identify future solar and efficiency upgrades.

- **Goal:** Transition **50% of operations to renewable energy by 2027**.

Long-Term Targets

- Publish annual sustainability performance updates.
 - Achieve **carbon-neutral operations by 2035** through renewable energy, efficiency, and offset programs.
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2. Cultural Responsibility

We are proud to showcase and support the cultural fabric of the Northern Territory.

- **CSIRO Partnership:** Our collaboration with CSIRO on aquaculture not only advances sustainable food production but also provides an opportunity to connect visitors with Indigenous perspectives on living from land and water.
- **Aquaculture Education:** We integrate stories of barramundi and tiger prawn farming into our tours, linking modern science with traditional practices of food security and waterway stewardship.
- **Community Benefit:** By highlighting aquaculture's role in creating jobs for regional and Indigenous communities, we connect our visitors to the broader value of cultural sustainability.

Goal: Ensure **100% of guests** leave with greater awareness of the cultural and community importance of aquaculture in Northern Australia.

3. Social Responsibility

We believe tourism should strengthen communities. Our initiatives include:

- **Charity & Sponsorship:** Supporting the **Starlight Foundation** for sick children, sponsoring *Girls Gone Fishing* and *Secret Women's Business* competitions, and backing local sporting clubs.
 - **Education & Youth Engagement:** Delivering school group tours that teach aquaculture, sustainability, and tourism; hosting 1–2 work experience students annually.
 - **Community Support:** Providing vouchers, donations, and prizes for fundraising events across Darwin.
 - **Accessibility:** Ensuring wheelchair access across our main deck and amenities so no one misses the full fishing experience.
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4. Economic Responsibility

We contribute directly to the NT economy by:

- **Local Employment:** 90%+ of our workforce is from the Darwin region. Staff are trained in aquaculture, tourism, and customer service, creating long-term local career pathways.
- **Supplier Partnerships:** Sourcing food, catering, maintenance, and supplies locally to support Territory businesses.
- **Cross-Promotion:** Promoting other Darwin attractions, caterers, and operators to guests to extend stays and encourage regional spend.
- **Venue Hire Growth:** With rising demand, we've expanded catering partnerships, ensuring that community events at our venue also benefit local businesses.

Goal: Increase annual spend with local suppliers by **15% year on year**.

5. Ethical Responsibility

- **Animal Welfare:** All fishing is **catch-and-release**, prioritising barramundi welfare and guest education on sustainable fishing practices.
- **Experience Quality:** We capped sessions at 15 participants to ensure personalised service and fair opportunities for every guest.
- **Inclusion:** Facilities designed for accessibility, ensuring people of all abilities can enjoy the core fishing experience.
- **Staff Development:** Training staff in responsible tourism, sustainability, and inclusivity to ensure our values are delivered at every guest touchpoint.

Goal: Maintain guest satisfaction above **90% annually** while ensuring inclusivity and ethical operations.

6. Emissions Reduction Plan

Current Actions

- **Solar aerator trial** to replace diesel-fuelled pond management systems.
- Plastic reduction initiatives to minimise waste-to-energy emissions.
- Exploring hybrid/low-emission transport options for group charters in the future.

2025–2030 Goals

- Expand solar energy beyond aerators to site-wide systems.
- Establish **annual emissions reporting** to monitor reductions.

- Explore partnerships for local **carbon offset projects** in the Top End.
- Achieve **50% renewable energy by 2027**.

2030–2035 Vision

- Continue efficiency upgrades in irrigation, refrigeration, and pond systems.
 - Achieve **carbon-neutral certification by 2035**.
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Measuring Progress

We are accountable to our guests, our community, and our environment. Each year, we will:

- Review energy, water, and waste performance.
 - Gather guest and staff feedback on inclusivity and sustainability.
 - Share updates publicly on our website and in community forums.
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Conclusion

For us, sustainability is not just a business objective — it is central to who we are. Every fish caught and released, every school group we host, every local business we support, and every initiative we adopt is part of our responsibility to build a future where tourism, culture, and the environment thrive together.

At Barramundi Adventures Darwin, sustainability means protecting what makes the Top End special, while ensuring visitors, staff, and communities all benefit for generations to come.