



**EARTHCHECK CASE STUDY**

**Sustainability solutions from Sustainability Professionals**

 **Objectives**

- EC was seeking support to finalise Phase 1 of the Queensland Regional Tourism Network (QRTN) Climate Active project in order to profile the Carbon emissions of the QLD tourism industry, conduct engagement workshops for 13 LGA's and conduct net zero modelling of available solutions to 2030 and 2050

 **Challenges**

- Many data sources from different Government and private providers with varying quality
- Very tight timescales of delivery with 13 regions to workshop in a matter of weeks.
- Multiple projects occurring around this project.
- Carbon emission factors for many tourism activities were unknown and had to be developed in partnership with Griffith University

 **Solutions found**

- Detailed review of data with team and surfacing of opportunities to be improved upon and review of methodology.
- Dashboard tool of Carbon profile per region was developed with the team
- Workshops developed and delivered to multiple Local government regions.
- Multi--criteria analysis completed pre and post for solutions.
- Net zero modelling methodology and tool developed that allowed real - time adjustments of applied solutions to different parts of the tourism industry to forecast emissions to 2030 and 2050.
- Summary draft report written.

**OUR BENEFITS**

**Benefits One**

Enabled completion for the project to occur for Phase 1 with over-delivery.

**Benefits Two**

Mapping tool was a solid foundation for future development and align with global open source carbon mapping methodology involving more inputs

**Benefits Three**

Secured phase 2 funding for future progress of the Project

