

## Carbon advisory

### Reducing your carbon footprint to tread lightly in a rapidly changing world

Built assets contribute a significant portion of global emissions. To achieve net zero, understanding your carbon footprint is essential.

Take a strategic approach to decarbonisation as a core part of your sustainability strategy.

- ✓ **Attract the right clients and investors**
- ✓ **Act on carbon and cost saving opportunities**
- ✓ **Boost competitiveness and brand image**
- ✓ **Reduce reliance on expensive carbon offsets**
- ✓ **Comply with building standards and government legislation**

At TSA Riley, our approach to addressing embodied carbon focuses on:

#### Measure

Quantify your carbon footprint

#### Benchmark

Compare against similar asset types

#### Reduce

Implement low carbon design solutions

#### Report

Track and communicate carbon performance

### Success stories

#### Barangaroo South: Tenancy carbon management

Customised our energy and carbon lifecycle platform for Lendlease, supporting their environmental goals for retail tenancy delivery. By implementing carbon management initiatives and developing retail design guidelines we achieved an annual reduction of over 3,590 tCO<sub>2</sub>-e.

#### Australian National University (ANU): Kambri redevelopment

Conducted climate and embodied carbon assessments for the Kambri redevelopment masterplan accommodation 700 students, 7 buildings, public spaces, and 37 retail stores. Through early integration of carbon reduction into design and construction, a reduction of ~34,000 tCO<sub>2</sub>-e in carbon, saving ~AUD\$1.3m and 6 weeks of time.

#### Investa: Capital works program decarbonisation pathway

Established Investa's capital works upfront carbon evaluation and decarbonisation strategy, implementing it across 30+ projects over the last 3 years. This resulted in a 400 tCO<sub>2</sub>-e reduction from their capital works programme.



Industry: Retail



Industry: Education



Industry: Property



Demonstrate  
your commitment  
by reducing carbon  
across your  
built assets



Get practical advice that keeps carbon simple. Leverage our extensive knowledge of design, cost management and delivery strategies to manage and reduce your carbon footprint.

### **Carbon assessments**

- Carbon footprint measurements of your project, asset portfolio or organisation
- Whole life embodied carbon assessment
- Benchmarks against a similar asset type
- Carbon reports for building approvals

### **Portfolio-level solutions**

- Asset portfolio upfront carbon benchmark
- Carbon emission baseline and forecasting
- Carbon emission target setting
- Carbon management strategy, tracking and implementation
- As-built assessment and validation

### **Bespoke solutions**

- Advisory services from subject matter experts tailored to your needs

### **Project-level solutions**

- Early-stage assessment with cost data
- Carbon emission target setting and benchmarking
- Low carbon design solutions and modelling for design iterations
- As-built assessment and validation
- Life cycle assessment reporting for building approvals and sustainability standards (e.g. NABERS, Green Star)