

“ Interactive lifecycle software -
providing real-time modelling of
your material and carbon use.
Fast and intuitive to work with
your design flow. ”

INTRODUCING ONLINE LIFE-CYCLE SOFTWARE



LIFE CYCLE FOOTPRINT CALCULATOR: **PRECINCT**



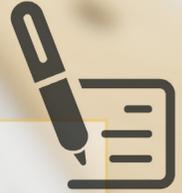
LIFE CYCLE FOOTPRINT CALCULATOR: **MULTI-USE**



LIFE CYCLE FOOTPRINT CALCULATOR: **RETAIL - TENANCY**



Saves You Time



- Comprehensive property LCA within 3 hours
- Generate scenarios quickly
- No set up or training required
- Generate and export reports in multiple formats.
- Handle feasibility to detailed assessments
- Hundreds of pre-defined materials and assembly LCA's to select from

LIFE CYCLE FOOTPRINT CALCULATOR: MULTI-USE

LIFE CYCLE FOOTPRINT CALCULATOR: PRECINCT

LIFE CYCLE FOOTPRINT CALCULATOR: RETAIL - TENANCY

SOFTWARE SOLUTIONS

Saves You Money

- Lets you run complex LCA's without the need for specialist assistance
- Reduces the time you spend looking for eco-options and sources
- Project licence paid back one day of your time

Quality Assured

- Increase your brand value & service offerings
- Australian and ISO Standards consistent
- Tried and tested by top tier developers, architects and real estate trusts
- Workflow aligned with your design process
- Third party certification provided



THE
FOOTPRINT
CALCULATOR™

Life Cycle Carbon Footprint Results - Detailed Report

T3 - T3 (SM AS BUILT 15.11.2016)

Tenant Carbon Footprint Calculator Results

Renovation clinics of Australia (T3.103)

Tenancy Type: Retail Services
 Date: 15-11-2016
 Building Name: T3
 Usable Area (GLA/NLA): 356 m²

Results Summary

Carbon Footprint Aspect	KgCO ₂ Absolute	KgCO ₂ Per Annum	KgCO ₂ /m ²
Energy		33,970.7	95.4
Water		2,670.0	7.5
Walls & Shopfront	91,038.1		255.7
Interiors	33,717.1		94.7
Joinery	23,050.3		64.7
Furniture/Equipment	33,684.9		94.6
Transport		91,441.2	256.9
Estimated Carbon Footprint:	309,572.2 KgCO₂		
Normalised Carbon Footprint:	869.6 KgCO₂/m²		



OVERALL SUMMARY per m² GLA/NLA

This graph shows the total estimated life cycle carbon emissions for the defined selections. The graph shows capital in absolute kilograms of CO₂ and operational items on an annual basis. The results are shown in their relevant impact categories on a per m² GLA/NLA normalisation.

The Benchmark shown reflects prevailing national average practice.

Use this graph to give a sense of the overall importance of the various impact categories as well as the relative scale of capital (embodied) to operational (annual) emissions categories.

Use the "compare" button function in your Workspace to generate graphs showing the overall benefit of multiple options.

> Go to your draft assessments

- Incomplete section
- Completed section

- General Information
- Biological Capacity
- Energy
- Water
- Structure & Roof
- Facade
- Internal Elements
- Services
- External & Other
- Transport
- Fitout and Operations
- View Results
- View Map

input data

tabs for each element - test design options from structure to furniture

Facade

Select calculation method: By material quantity (detailed design)

Glazing type and arrangement: 6/12/6 lam DGU in aluminium frame 250 x 100mm (high-rise) 1486 m²

6/12/6 lam DGU in aluminium frame 170 x 80mm (standard low/medium rise) 2279 m²

Solid wall arrangement (above ground): RE-USE existing glazing

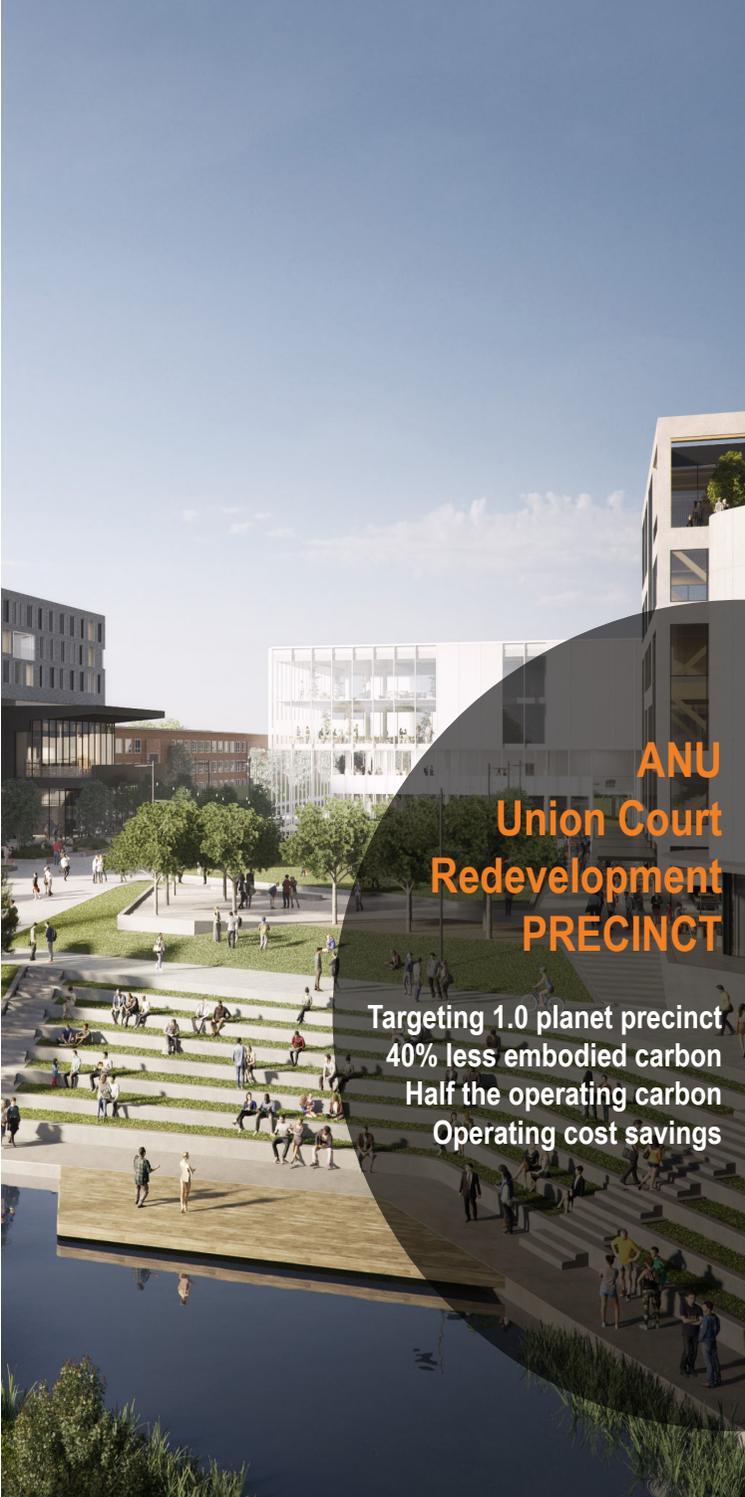
Sunshades, Balustrades & other facade elements: 10-38mm lam SGU in aluminium frame 150 x 80mm

Perimeter and retaining walls (below ground): 6/12/6 mm double glazed window in timber frame

The total cost of other facade, external and basement walls not covered elsewhere: Structural steel support framing at 14 kg / m²

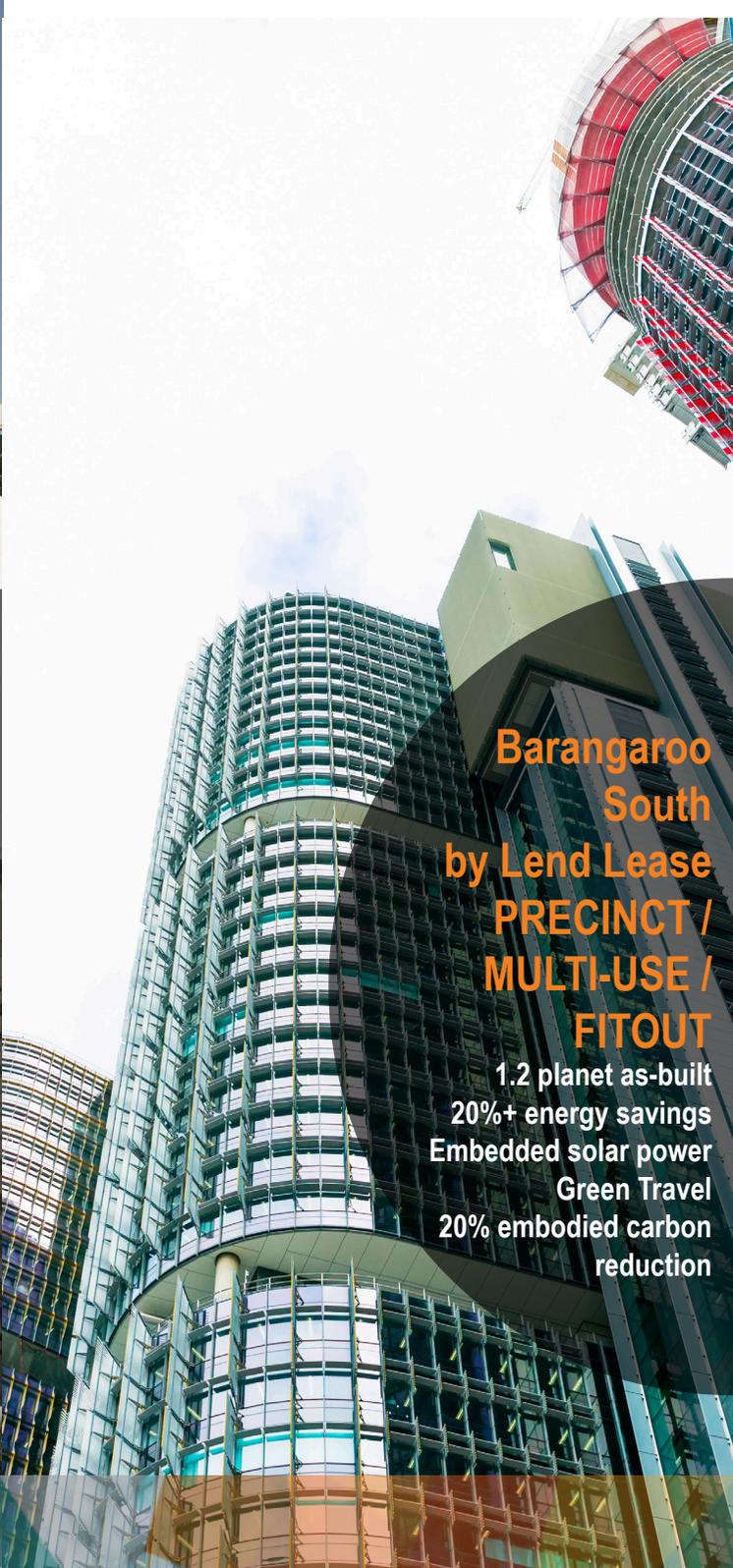
generate reports

export PDF and excel design ready and client ready



**ANU
Union Court
Redevelopment
PRECINCT**

Targeting 1.0 planet precinct
40% less embodied carbon
Half the operating carbon
Operating cost savings



**Barangaroo
South
by Lend Lease
PRECINCT /
MULTI-USE /
FITOUT**

1.2 planet as-built
20%+ energy savings
Embedded solar power
Green Travel
20% embodied carbon
reduction



**Macquarie
University
Building E7A
MULTI-USE**

0.8 planets as-built rating
Adaptive re-use of existing
structure and facade
Embedded renewables
Solar driven ventilation
Rainwater re-use