Delivering low carbon design solutions

The FootprintCalculator™

The FootprintCalculator™ is a dedicated whole life carbon management software platform for buildings and infrastructure. It enables quantification, modelling, reporting and validation across the project lifecycle in a secure environment.

It's designed to reduce risk, increase collaboration and deliver faster complex whole life carbon assessments.

The FootprintCalculator™ is aligned to global carbon management standards for buildings and infrastructure including: ICMS; RiCS; GHGProtocol; PAS 2080 and ISO14044. The embedded rates database is sector leading, with global data points including EPD's; Carbon Declarations; simple and complex design ready assemblies.

Everything is designed for maximum productivity so the design professionals who use it can make a real difference through the greatest possible reductions in embodied carbon.

"Our business is impressed by the outcomes. The platform is a great tool and visual and user friendly. The traffic light system for the materials assists designers on what they need to specify to achieve our targets".

Gurol Candemir - INVESTA

"TFC products are unparalleled for the integrity of the data and the integration to 3rd party design tools".

Steve Fox – ARCHITECTUS

Key features

- **Application capability:** Business case; feasibility; concept design; construction to as-built validation.

- **Project Types:** new development; complex masterplans; adaptive re-use; heritage; fitout or cold-shell; capital works programs and whole asset portfolio management.

- **Performance benchmarking:** National and global carbon benchmarking of all project types to 95% confidence – based on leading NABERS benchmarking methods.

- **Standards alignment:** Aligned to prevailing national and international embodied and whole life carbon measurement standards.

- **Datapoints:** Over 5,000 materials and assembly data-points covering major regions and ventories. Ability to enable user defined design assemblies.

- **Support and geographies:** Comprehensive support, training and user certification. Applicable for major global geographies.

FITOUT LEVEL
Includes retail tenancies (food/non food), fashion & general, electronics, services, etc.
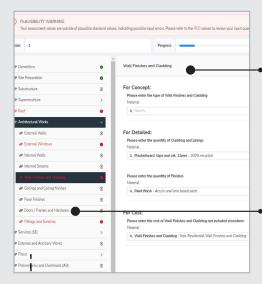
WHOLE BUILDING
All building classes and multiuse

PRECINCT
Multiple buildings/tenancies

INFRASTRUCTURE

Interface

Sector leading building and infrastructure whole life carbon software for real-time modelling of projects in a secure cloud environment. Aligned to comply with key international standards and support design process work flow from business case to as-built.

If you have committed to Net Zero as a property or asset owner or developer, or are a design professional – The FootprintCalculator™ will help you solve the complex challenge of measuring your complete carbon emission footprint.

Detailed questionnaire for all sub-categories

Results generated in PDF format and excel

Different subcategories for fitout, building and precinct level