



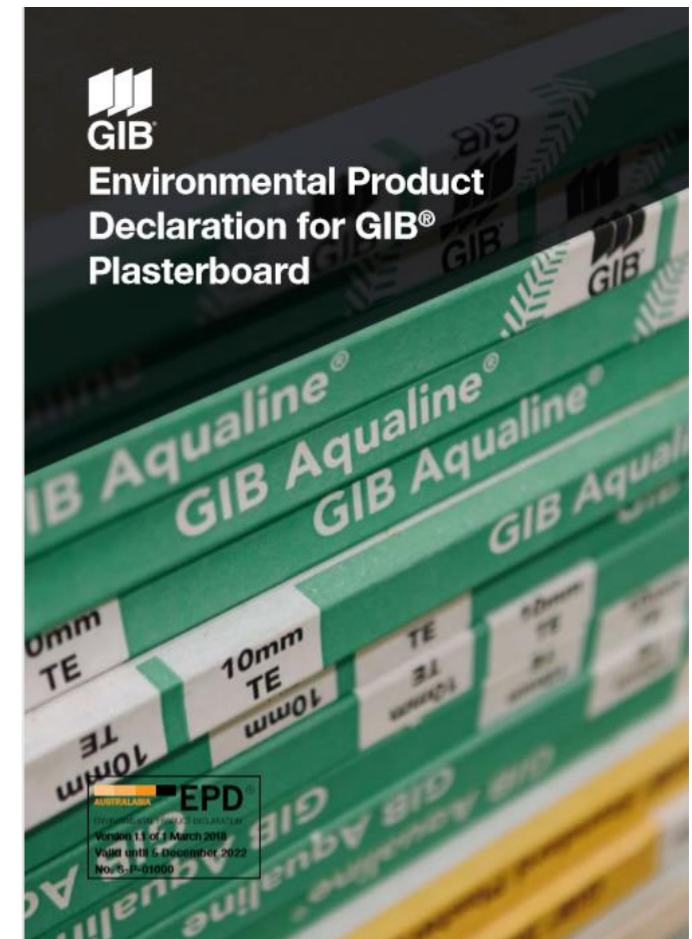
Lessons Learned From A Decade of Putting LCA Into Practice

March 2019



10 Questions you need to be able to answer

- What's your carbon footprint?
- How “green” are your products?
- Where do you stand relative to your competitors?
- How do you become a greener company?
- How informed and engaged are employees?
- What do customers think of our performance?
- Who do we need to partner with?
- What are our key metrics?
- What are our improvement goals?
- How do we provide greener products and services?



Declare.



Market and Customer Driven Approach

Integrity

- Data collection

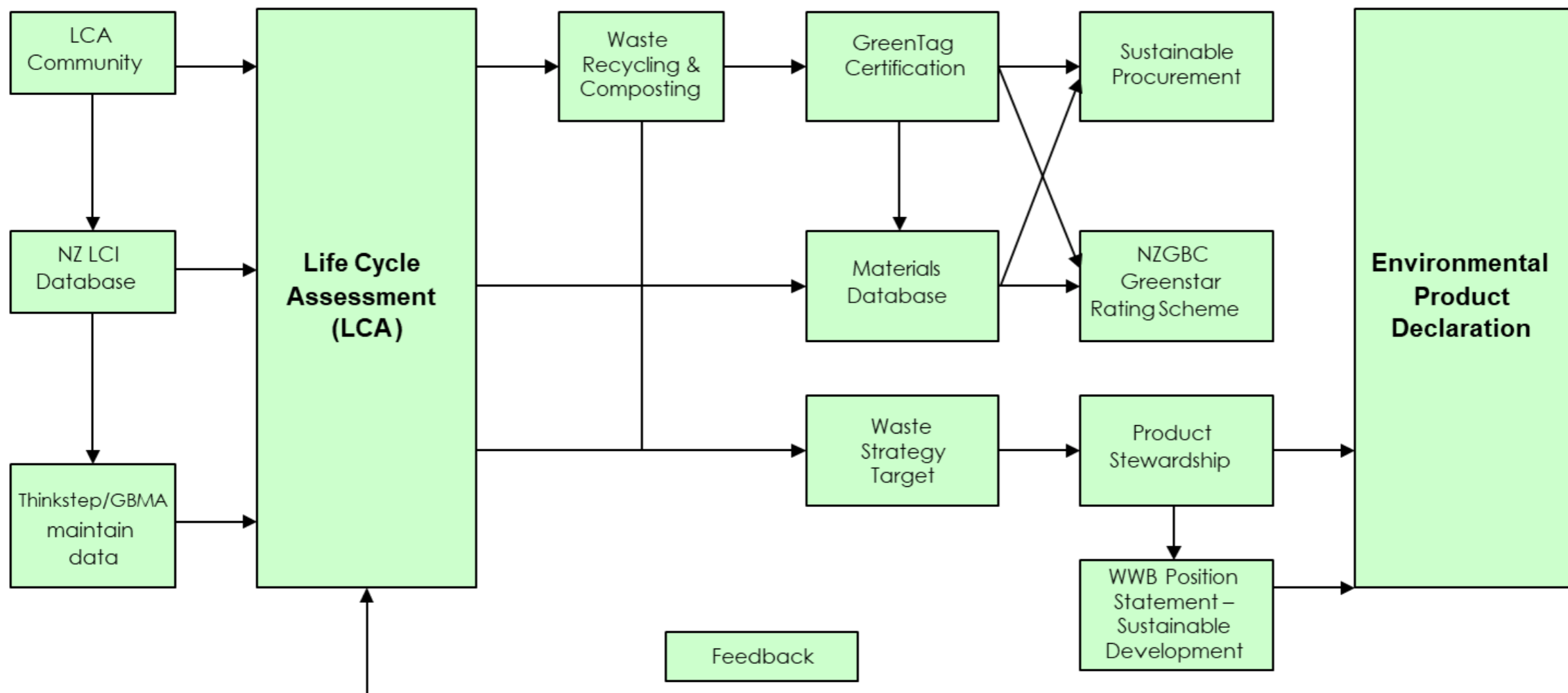
Transparency

- Processes & tools
- Strategies & targets

Stewardship

- Measures & presentation of performance
- Government & Industry

Continuous Improvement



Our Commitments and Principles



CO₂ Emissions. Reduce CO₂ emissions from our operations by 10% between 2012 and 2020.



Energy Use. Reduce the energy required to produce and supply FB products. Maximise fuel-switching and pursue innovative alternative fuels and technologies.



Re-Use and Recycle. Reduce our waste to landfill and ensure products can be reused or recycled at end-of-life.



Sustainable Resource Extraction. Ensure all products use raw materials from verified resources where these are available.



Water Stewardship. Actively manage waste to use less fresh water and to maximise recycling. Improve water efficiency and minimise water impacts in land management and operations.



Remove Toxicity. Remove the potential for toxicity and carcinogenic effects from the use of our products.



Sustainable Design. Influence and support industry education on sustainable design principles, measures, ratings and methods for achieving sustainable building and infrastructure.



Sustainable Construction. Influence and support industry education on sustainable construction practices, eliminating unnecessary waste, materials and transportation and reducing effects to land and the biodiversity of the environment.



Sustainable Solutions. Provide innovative, practical, system solutions to enable buildings and infrastructure to be sustainable.

Lessons Learned from LCA

- Position GIB® plasterboard as the authoritative source for information.
- Communicate GIB® plasterboard environmental credentials.
- Be recognised as an environmentally responsible business.
- Position GIB® plasterboard as the preferred interior lining, having superior environmental attributes to alternatives.
- Provide the public with information on the relevant environmental and sustainability measures, and correct any misinformation.
- Provide sustainability comparisons for differing construction types focussing on whole-of-building and whole-of-life measures.
- Communicate industry sustainability views to the relevant Authorities.



GIB
Plasterboard
Recycling Services
Winstone Wallboards works to reduce landfill waste.

Winstone Wallboards works closely with local waste companies on initiatives to recycle plasterboard waste.

Green Gorilla has introduced a plasterboard recycling service in Auckland. Plasterboard is collected separately from general building and construction waste through Green Gorilla's custom designed and built plasterboard processing system. The waste volumes and tonnages are recorded and reported per project for builders and their customers. This allows plasterboard recovery statistics to be provided as part of total site landfill diversion and environmental reporting for Greenstar and Homestar accreditation.

Christchurch. The company processes these off-cuts by shredding and screening to return it to gypsum form. The paper from the processing goes into Canterbury Landscape Supplies' compost production.

The recycled gypsum is used to add calcium without shifting pH, for soil conditioning and dropping salinity levels and is supplied to farmers, freight companies, orchards and vineyards.

Recycled gypsum is produced from Green Gorilla's unique processing system and sold to a diverse range of re-users. The paper extracted from the recycling process is also recycled nearby.

Winstone Wallboards is committed to reducing waste and congratulates these companies for investing in creating a sustainable building and construction industry.

To enquire about plasterboard recycling bags, contact Green Gorilla or visit greengorilla.co.nz

For further information on sustainability visit gib.co.nz/sustainability

In Christchurch, Canterbury Landscape Supplies receives plasterboard waste from Winstone Wallboards in Christchurch via Container Waste

APRIL 2018 GIB HELP LINE 0800 333 442 OR 06 826 00 82 FOR MORE INFO GIB SUSTAINABILITY SUPPLEMENT 1



Thank you

FOR MORE INFORMATION VISIT

gib.co.nz

OR CALL THE GIB® HELPLINE

0800 100 442