

# Environmental Impact Analysis

**CHEP**  
A Brambles Company



# Improving the environment. Improving your bottom line.

## This is the Supply Change.™

### The opportunity:

Sustainability and cost savings are no longer mutually exclusive. They go hand in hand.

We'll collaborate with you, look at every leg and aspect of your supply chain, and find ways to reduce its impact on the environment. We can show you how sustainability—doing what's right for the environment—doesn't get in the way of doing what's right for your business. In fact, it makes it better.

Reducing our impact on the environment is everyone's job. And for more than 60 years, it has been a job we've taken seriously. Sharing resources. Reusing resources. Using less resources. It's how our share and reuse platform model enables our customers to improve the health and well-being of their business and the planet.

We'll couple our love for the environment with our unmatched global experience and our unique position at the core of thousands of supply chains. We'll apply our expertise and look at all aspects of your supply chain.

We can help ensure that your supply chain meets your sustainability goals and your business goals. We'll find places to eliminate waste, so you can achieve the twin missions of reducing your costs and your environmental impact.

**Global Good:** As a company, we've built our share and reuse platform model around our deep and abiding respect for the environment. We're a global leader in understanding ways to eliminate waste throughout the supply chain. We're committed to helping our customers meet and exceed their sustainability goals. It's all part of CHEP's Better Planet initiative, as we work to minimise the impact of the supply chain on the environment.

### What we do:

We'll look at your entire supply chain and then determine how we can help you handle and transport your products at a lower cost to your business and a lower cost to the environment.

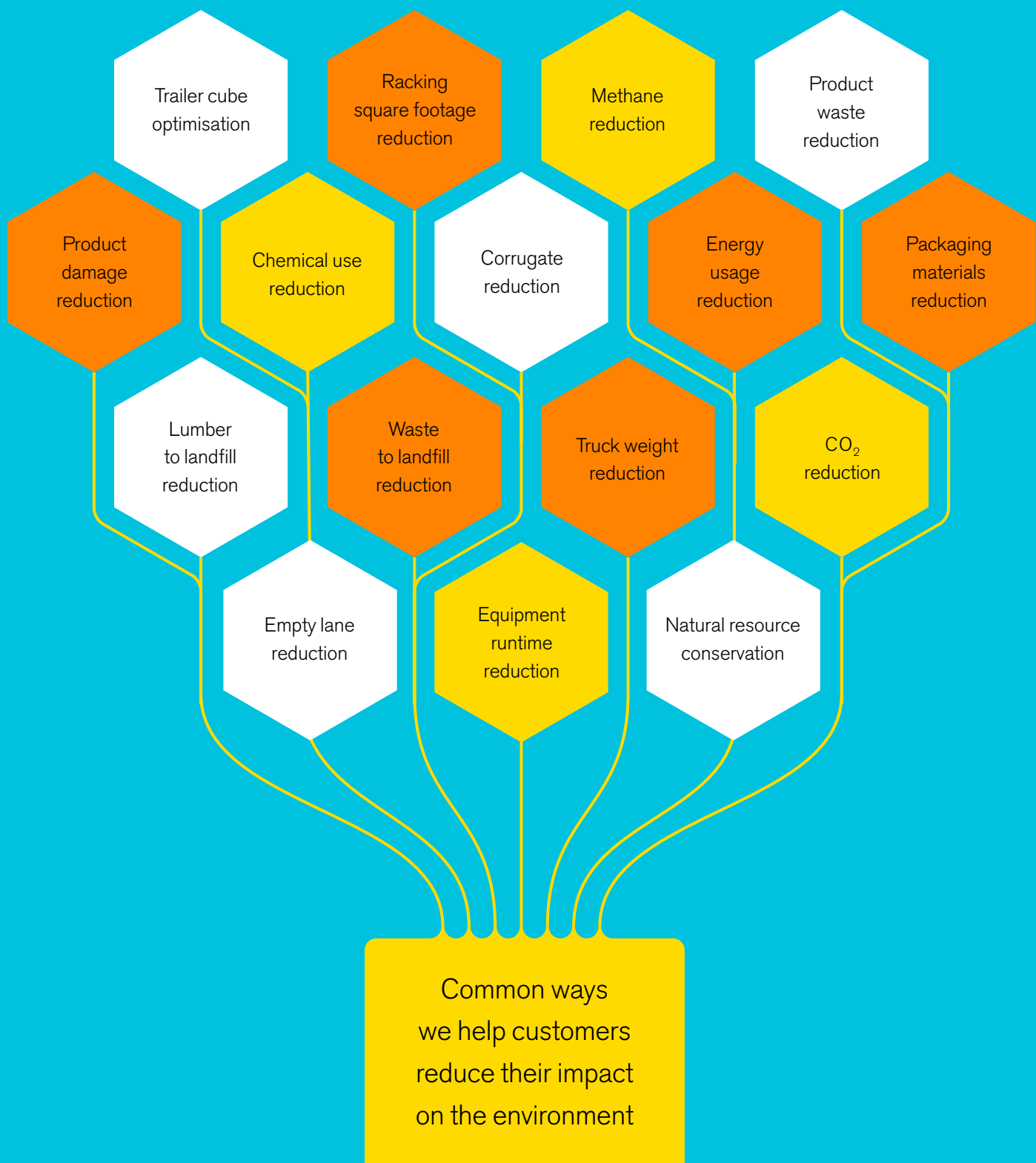
We'll find ways to help you eliminate waste, increase your efficiencies, lower costs and use more sustainable materials.

We'll help you figure out how to eliminate the cost of empty lanes—and the fuel and CO<sub>2</sub> that go along with them. We can help you, like we've helped so many other companies, reduce the amount of damaged product ending up in landfills. We can also help you reduce the number of trips needed to transport goods and pallets to and from your facilities. And we can help you develop and implement more environmentally friendly, lower-cost packaging.

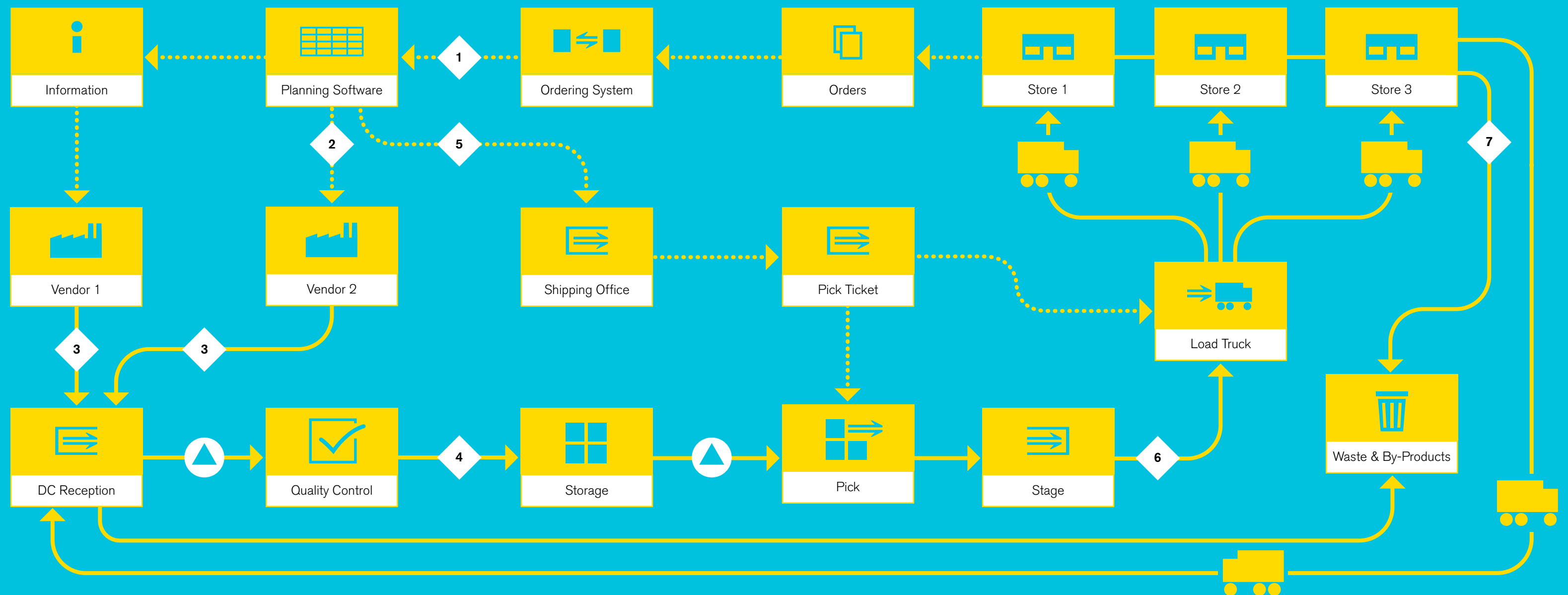
Because we have the broadest and most environmentally friendly range of distribution platforms, we can also help you determine where you can use eco-friendly platforms at a lower cost to your business.

Finally, we can help you quantify and measure your environmental sustainability progress. We also have the experience needed to help get your sustainability initiatives adopted throughout your organisation. Together, we can make a difference.

## Profit and Planet is no longer a compromise.



An Environmental Opportunity Map charts your entire supply chain to identify all areas of improvement.



**1. Forecasting Optimisation:**  
Forecasting improvements to reduce inventory and waste

**2. Transportation Efficiency:**  
Reduction in transportation to decrease fuel consumption and CO<sub>2</sub> emissions

**3. Handling Optimisation:**  
Lean processes to eliminate touches and optimise handling equipment, causing less damage

**4. Order Automation:**  
Order automation to eliminate paper, errors and potential for waste

**5. Cube Optimisation:**  
Improve cube to reduce trucks and CO<sub>2</sub> emissions

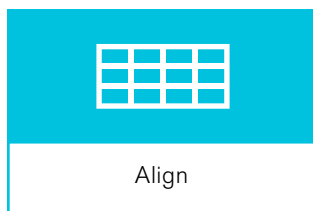
**6. Waste Reduction:**  
Less waste to landfill with reduction in one-way packaging

**7. Transportation Collaboration:**  
Collaborative freight to reduce empty lanes and CO<sub>2</sub> emissions

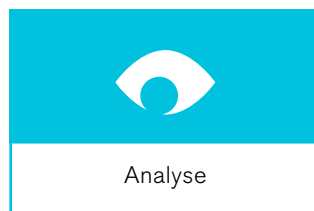
# Environmental sustainability is at the core of our values and our business model.

## How we'll work together:

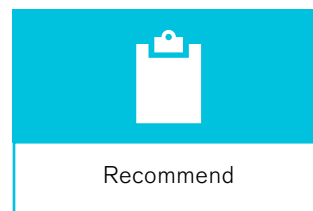
We have a customer and field tested methodology to help advance environmental sustainability throughout your business.



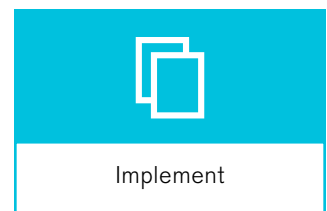
Working with you, we'll examine all your previous and current environmental sustainability efforts.



Our environmental experts will visit your facilities to observe current practices and synthesise those learnings with a thorough review of your supply chain.



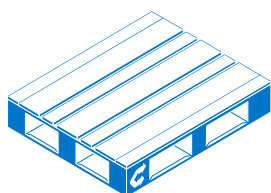
We'll present an Environmental Opportunity Map that highlights all areas of potential improvement.



We'll discuss how we can help you operationalise improvement opportunities you would like to realise.

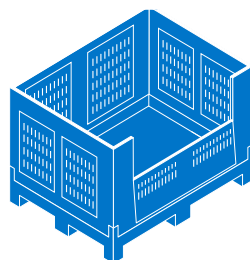
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## Sharing and reusing CHEP platforms eliminates waste throughout your supply chain and the world.



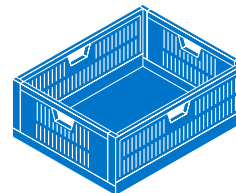
### Pallets

No pallet on Earth is more sustainable



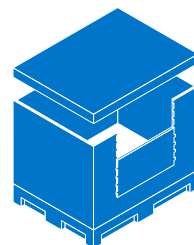
### Bins

Protecting fruits and vegetables to reduce waste



### RPCs

Reducing food waste and material going to landfills



### Containers

Reducing the need for multiple platforms, decreasing product damage and optimising your cube

### How you'll benefit:

Beyond the obvious benefit of protecting the planet, our field-proven Environmental Sustainability solutions help companies large and small improve their bottom line.

We can help you:

- + Determine how to handle and transport your product at a lower cost to your business and with less impact on the environment
- + Find the right balance of environmentally friendly distribution platforms
- + Eliminate empty lanes through collaborative freight
- + Ship more product per lane by optimising trailer cubes and product loads
- + Develop and use more environmentally friendly primary, secondary and transit packaging
- + Reduce food waste, damaged product and materials sent to landfills
- + Determine your supply chain and environmental savings from using our platforms

### How we quantify our benefits:

We conduct a Life Cycle Assessment that focuses on the entire life cycle of a platform, from raw material acquisition to final disposition. You'll clearly see how we've designed our solutions to minimise their environmental impact. We use Life Cycle Inventory data to identify and prioritise continuous improvement initiatives across our organisation. This quantifies resource use, energy consumption and environmental emissions using a comprehensive and standardised methodology.

### Only CHEP:

We've worked with many of the world's premier supply chains. And along the way, we've learned how to make them more sustainable, and when and where to employ best practices. No one in the market offers more sustainable conveyance platforms, solutions and measured results. We look forward to working with you to help make your company more environmentally friendly.

#### What our customers achieve each year through the sharing and reuse of CHEP platforms:

1.38 million trees are left on the planet.

630 000 tonnes of CO<sub>2</sub> never enter the atmosphere.

3000 tonnes less of food is damaged during transport.

420 000 tonnes of waste never make it to landfills.

Electricity consumption per pallet reduced to .030 kWh from .038 kWh in South Africa.

13 tonnes of waste per month diverted from landfills in South Africa.

We helped a U.S. beverage company fill 1.3 million empty kms and reduce its CO<sub>2</sub> output by 14.5 million kgs while gaining \$1.6 million in additional revenue.

**This is the  
Supply Change.**

**Together we can  
make it happen.™**

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A Brambles Company

Environmental Impact Analysis.  
Just 1 of 21 Retail Solutions  
from CHEP.

If you're looking to improve  
your supply chain, let's talk.

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