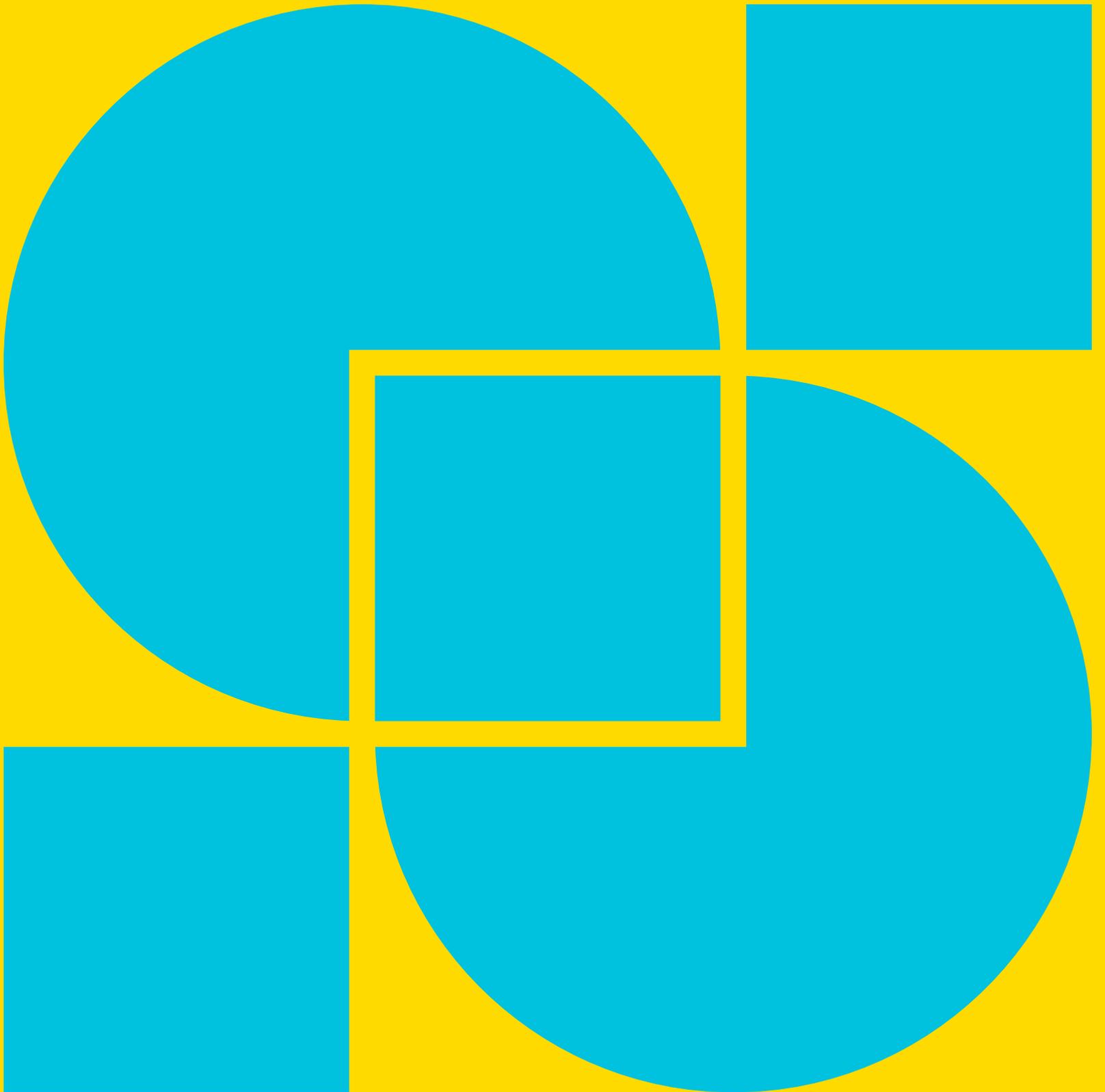


Value Chain Analysis

CHEP
A Brambles Company



Recovering money you didn't know was lost.

This is the Supply Change.™

The opportunity:

You can't really improve your operations until you can see them—until you can get a truly complete and holistic view. A view that spans silos, departments, facilities and regions, and extends beyond your four walls to your supply chain partners both upstream and downstream. Value Chain Analysis gives you that view. A view of goods, platforms and information—everything that moves in, through and out of every segment of your network. It lets you see—really see—what's going on.

Over time, it's likely that you've developed standard procedures for the different functions and processes of your supply chain. But behaviours may change within some processes, and operators may have deviated from standard operating procedures.

By giving you a complete view—a detailed physical map of every aspect, large and small, of your entire operation as it currently stands—we can help you find new ways to improve efficiencies, product quality and overall operating margins.

Global Good: A Value Chain Analysis can help you eliminate inefficiencies and waste that are harmful to the health of our planet. Our solutions can help you both measure and gain value from best-in-class sustainability practices. It's all part of CHEP's Better Planet initiative, as we work to reduce the impact of the supply chain on the environment.

What we do:

You may suspect that your supply chain has some inefficiencies, but where exactly are they?

We can help you find them and fix them by collaborating with you to conduct a Value Chain Analysis. An investigation and report that analyses your own network and those of your trading partners.

Working with you in collaborative sessions and extensive investigations of your supply chain environment, we'll create a supply chain map that details all your product, platform and data flows.

We can help you to identify best practices as well as the root causes behind network inefficiencies. We'll also uncover new ways to improve efficiencies and operating margins.

A Value Chain Analysis can bring clarity to your entire supply chain network or to your supply chain, a facility or region.

Our Lean Six Sigma experts have seen so many processes that they can quickly identify ways to improve how your supply chain operates. They'll help you both fix problems and apply best-in-class techniques or processes that can help you avoid problems in the future.

You'll see every flow of product, platform and data.

95% of our customers found more than 5 areas to improve efficiencies.

Innovation

Flow

Water Usage

Racking

Man Hours

Load Transfers

Loading

Sustainability

Shift Changes

Transport

Overproduction

Deviation from SOP

Energy Consumption

Raw Materials

Platform Related

95% of our customers found more than 5 areas to improve efficiencies.

IT

Inventory

Off Loading

Trailer Pool

Picking

Product Load Handling

Product Load Optimisation

Perishables

Conveyance

Sorting

CO₂ Emissions

Waste to Landfill

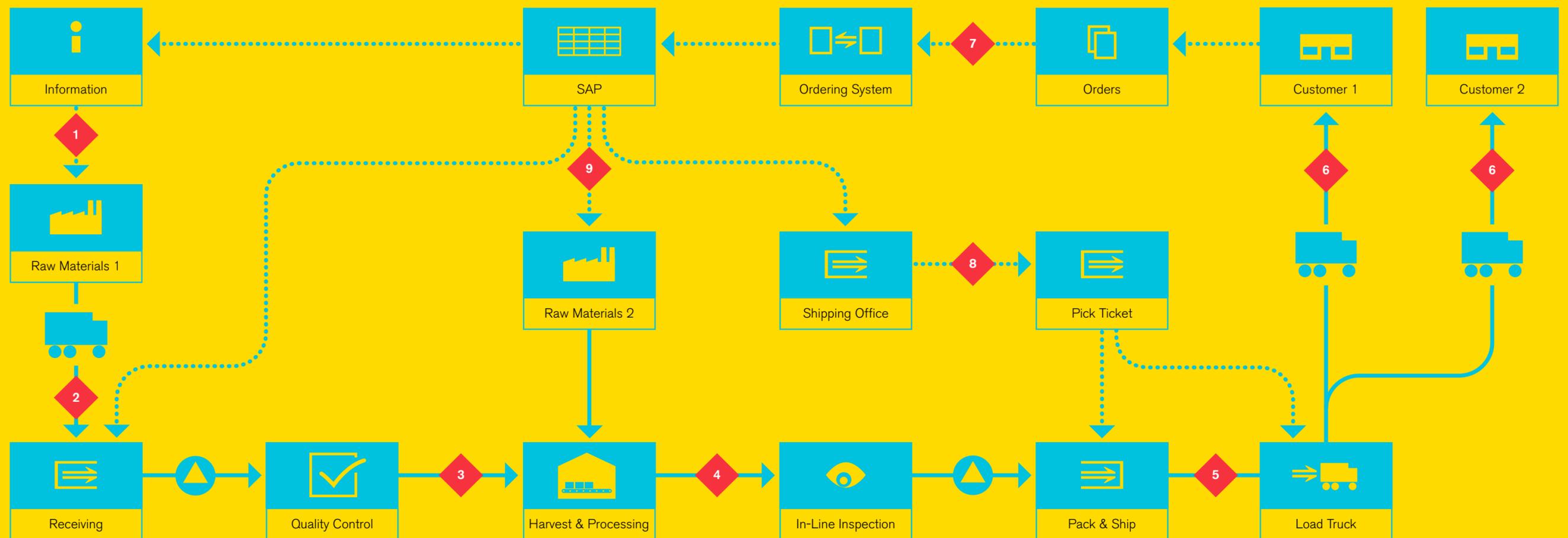
Breaks

Staging

Dry Goods

Defects

We look at your supply chain from end to end and identify every opportunity.



1. Supplier Efficiencies:

Optimised processes of input providers to better align with your needs.

2. Transportation Optimisation:

Increased product per trailer load. Fewer trucks. Decreased procurement costs. Optimised transport.

3. Inventory Efficiency:

Decreased inventory and reduced handling, lessening potential for injury.

4. Lean Optimisation:

Elimination of errors via automatic scanners. Process optimisation using lean methodologies. Overall packaging.

5. Error Proofing:

Automation. Process optimisation using lean methodologies. Handling reductions.

6. Transport Efficiency:

Increased cube. Decreased time to load. Optimisation of outbound transport and improved scheduling.

7. Forecasting Optimisation:

Forecasting efficiencies and automation.

8. Automation Solution:

Automation. Improved scheduling. Increased accuracy.

9. Order Optimisation:

Automation. Forecasting. Inventory optimisation.

How we'll work together:

CHEP's Lean Six Sigma experts will review and document your current operations, and together you'll:

- + Gain a holistic view of your entire supply chain, from supplier to customer
- + See—without silos—an entire picture of how every component relates to the others
- + Uncover the root causes of inefficiencies
- + Gain a complete view of platform movements, material flows and information flows
- + Identify value-added and non-value-added flows
- + Uncover hidden flows and delay points
- + Model new flows, discover reporting inaccuracies and eliminate unnecessary flows
- + Optimise hand-off points
- + Discern how multiple components affect inventory turns
- + Uncover misreporting of in-bound and out-bound flows of materials, platforms and product loads
- + Resolve conflicting data received from two or more locations
- + Benchmark the performances of various facilities against each other

How you'll benefit:

Through the years, we've helped our customers achieve the following:

- + Quick wins—things that can be improved immediately
- + Transportation efficiencies, including collaborative freight and network optimisation
- + Platform efficiencies relating to type, cycle time, sourcing, trailer cube optimisation and more
- + Innovation, including the exploration of new methods, resources or platforms to improve your process
- + Optimised data flows as they relate to distribution platforms
- + Environmental sustainability improvements resulting from increased efficiencies and reduced waste
- + Product load optimisation, through software analysis, laboratory testing and field testing in real-world environments

Only CHEP:

Our Value Chain Analysis solution was designed based on our aggregated experiences around the world. No one can match our vast knowledge of the flow of data, goods and shipping platforms within supply chains. No one will bring more clarity to more aspects that impact the most effective and efficient movement of goods. We look forward to working with you.

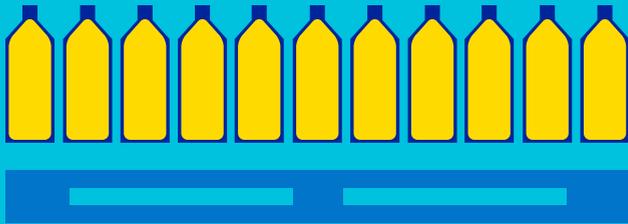
Creating value by increasing efficiency.

CHEP showed a major beverage company in South Africa how to save up to 62% by using CHEP pallets.

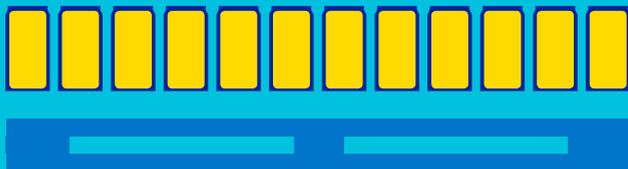
Current cost of ownership: R3 646 010
 Cost of CHEP platform solution: R1 389 926
Distribution savings of plastic bottled SKUs: R2 250 000 (62%)



Current cost of ownership: R2 160 531
 Cost of CHEP platform solution: R1 009 660
Distribution savings of glass bottled SKUs: R1 150 000 (53%)

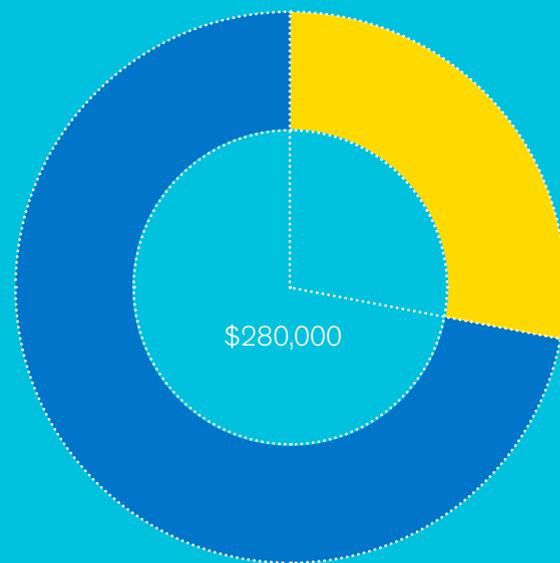


Current cost of ownership: R720 362
 Cost of CHEP platform solution: R336 373
Distribution savings of canned SKUs: R384 000 (53%)

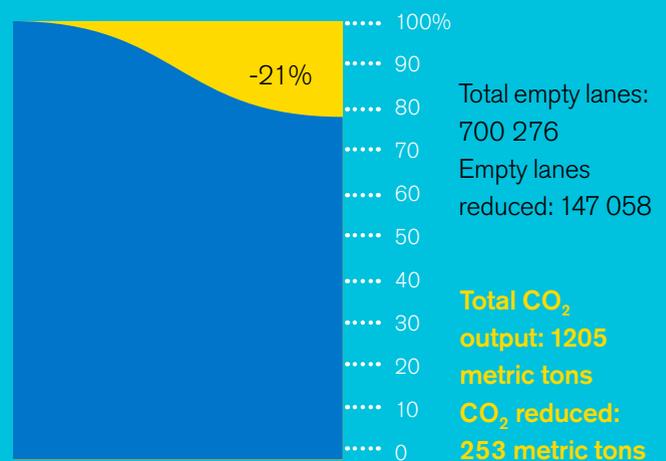


Total combined savings: R3.7 million

A Value Chain Analysis showed a U.S. customer how to cut third-party warehouse costs by 28%, from \$1 million to \$720,000 annually.



A Value Chain Analysis showed a U.S. customer how to eliminate 21% of empty lanes and reduce carbon by 30%.



**This is the
Supply Change.**

**Together we can
make it happen.™**

CHEP

A Brambles Company

Value Chain Analysis.
Just 1 of 19 Agriculture
Solutions from CHEP.

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



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