FIND YOURS.

Sustainability in the Supply Chain

Presented by:
CHEP
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Agenda

• Introduction to the Brambles/CHEP business
• Key attributes of a successful sustainability program
• Leveraging and working with industry partners
• Creating value through innovation
About CHEP

Brambles and CHEP help move more goods to more people, in more places than any other organization on earth.

That is why we can make a real contribution to a smarter, more sustainable future.
Our business by the numbers

**Brambles**
- Sales revenue in FY18: ~$5.6 billion U.S.
- ~300 million pallets, crates and containers
- In 55 countries
- A network of 850+ service centers
- ~14,000 employees
- Main operating brands:

**Serving Multiple Industries**
- Consumer Goods • Dry Grocery • Fresh Produce
- Beverage • Retail • General Manufacturing • Automotive

**CHEP North America**
- Sales revenue in FY18: ~$1.8 billion U.S.
- Operating across North America since 1990
  - More than 3,000 employees
  - Support more than 300,000 customer touch points
- Multiple platform and supply chain solutions
  - Pallets
    - Pooled, Fractional, International | CHEP Pallets
  - Specialty containers | CHEP Containers
  - Supply chain solutions & services
What the circular economy looks like

Linear, limited use model  \rightarrow  Circular share and reuse model
What sustainability means

- 1.7 million trees
- 2.6M tons of CO₂
- 1.4M tons of waste
- 4,100 megaliters of water
- 4,719 tons of food waste
- 1.6m cubic meters of wood

FIND YOUR WOW
Life cycle analysis
Peer-reviewed

The use of a third-party independent study on the environmental impacts can validate assumptions.
World class recognition provides end-to-end supply chain credibility

Barron’s

MEMBER OF
Dow Jones Sustainability Indices
In Collaboration with RobecoSAM

FTSE4Good
A sampling of companies who prioritize sustainability
Solving key industry challenges

Eliminating Waste

Eradicating Empty Miles

Cutting Out Inefficiencies
Customer sustainability benefits

Transport collaboration

- Customer deliveries
- Minimum empty distance

CHEP Customer A

Retailer

Minimum empty distance

Empty pallet collection

Service Center

Customer deliveries

CHEP Customer B

Revenue for customers
$7.3M

Empty mile reduction
2M miles

Reduced CO₂ emissions
7.4M lbs
Innovating the supply chain
Pooled services v. linear market

Nearest CHEP Location

- CHEP handles container and liner delivery to the supplier/filler

Tracking throughout entire process

Raw Materials Supplier

- Filler ships product to end-user

End-User Plants

VS.
SAQ Canada
International Flows & Environmental Sustainability

The Opportunity
• Help SAQ improve efficiencies in its global supply chain..

The Solution
• Utilize CHEP’s 48x40-inch pooled platform to ensure standardized quality with SAQ’s global customer base (2,000 businesses) for improved efficiencies and reduced environmental impact.

Benefits
• Gained ability to convert 90% of the international flows.
• Save more than 35,000 metric tons of CO2e and 36,000 empty miles in the first year.
• Eliminated the need to repalletize the alcohol shipped to SAQ resulting in less product damage, time savings and a safer work environment.
Harvest Hill
Unit load optimization

The Opportunity

• Improve efficiency, reduce product damage and validate compliance with shipping and handling specifications for Harvest Hill Beverage Company’s Juicy Juice unit loads.

The Solution

• Utilize the CHEP Innovation Center to evaluate product transportation, shipping and handling procedures and optimize processes to reduce produce damage.

Benefits

• Test and verify shipping specifications.
• Determine SKUs most susceptible to product damage.
• Optimize unit loads and reduce product damage through efficient stacking.
• Realize clamp trucks were not a viable solution for most unit loads.
• Create a new pallet stretch wrap solution to help reduce product damage.
Off season storage availability

• Partnering with customers that have available space to store and/or move other goods and services for additional revenue generation.

• Example: Hundreds of thousands of CHEP pallets can be stored at customer locations prior to peak seasons.

The benefits

• Additional revenue stream for manufacturers.

• Cost reduction with added transportation efficiencies.

• Eliminate miles, reducing costs and carbon.
For more information

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