

Hospitality Industry

The hospitality industry (hotels, lodges, restaurants and conference centres) caters for the privileged population that expects the best and is willing to pay for it. Yet the industry relies mostly on plastic bottled water as their main source of drinking water – a costly, often unhealthy and environmentally hazardous option.

Cirrus Water is the healthy, environmentally friendly and cost effective alternative to bottled water.



Benefits of Cirrus Water

COST EFFECTIVE

- Cirrus water is cost effective since logistic, waste management and transportation costs are removed.
- Cirrus water will save you money over time when compared to other sources of drinking water.

SUPERIOR QUALITY & HEALTHY

- The water is produced from water vapour where waterborne diseases cannot survive and doesn't risk containing chemicals associated with plastic bottled water.
- Cirrus water does not risk plastics leeching dangerous chemicals into the water.

SUSTAINABLE & ENVIRONMENTALLY FRIENDLY

- Atmospheric moisture is used to create Cirrus water making it a sustainable solution amidst a growing water crisis.
- Cirrus water is made on-site and piped directly to outlets reducing its carbon footprint.

Sector Issues

High volumes of mostly plastic bottled water is consumed at a high financial cost and large carbon footprint due to the transporting, creation and disposal of tons of plastic containers.

Cirrus Water Solution

A consistent supply of high quality Cirrus water relieves the sector issues and can differentiate businesses from their competitors.

Onsite glass bottling facilities of Cirrus drinking water allows businesses to serve branded water.

CASE STUDY: Indian Ocean Island Lodge

PRIOR SITUATION

- Client used 125 litres of bottled drinking water per day for guests and 120 litres of desalinated water per day for staff.
- 1.5 litre and 500ml plastic bottled water was ordered monthly, trucked to port and sailed to the island.
- Plastic bottles were stored in a hot environment, running the risk of BPA's leaching into the water.
- Empty plastic bottles were sailed off the island to the mainland for disposal.
- Average cost for bottled water including transport and empty bottle disposal was \$2.00 per litre.

Other Issues

Logistics

- Regular stock counts to determine when to re-order water.
- Receiving, storing and distributing of the bottles was cumbersome and time consuming.

Health

- Concerns of plastic containers leaching dangerous BPA's into the water.
- The supplier's promises of the quality of the plastic bottled water was questionable.

Sustainability

- Large carbon footprint associated with the transport of the water and the plastic containers being used.

Financial

- Plastic bottled water is costly due to the transportation and associated disposal costs.

CIRRUS SOLUTION

- Client uses 245 litres of drinking water per day for guests and staff since the installation of the Cirrus Solution.
- A CWM300 unit was installed near the kitchen, with a small bottling plant filling branded reusable glass bottles.
- The glass bottles are used throughout the lodge with no transport or disposal issues.

The Total Cost of Ownership over a five year period was calculated at \$0.20 per litre, an astonishing 90% saving, after considering transport and disposal costs!

Resolutions

Logistics

- No more stock counts and water reordering is required.
- The water is filled in branded and reusable glass bottles on site.

Health

- Cirrus water is freshly bottled into glass bottles, eliminating the concerns of questionable quality bottled water and BPA's leaching into the water.

Sustainability

- Because Cirrus water is made on-site and bottled using reusable glass, it has a greatly reduced carbon footprint.

Financial

- Fuel costs and disposal costs do not affect Cirrus water as the water is made on site.
- Cirrus water, as it is made on-site.



ROI AND BREAK-EVEN POINT

- Capital Investment: R150,000
- Monthly Saving: 56%
- Break-even point: 24 months
- Nett Savings over five years: R505,000