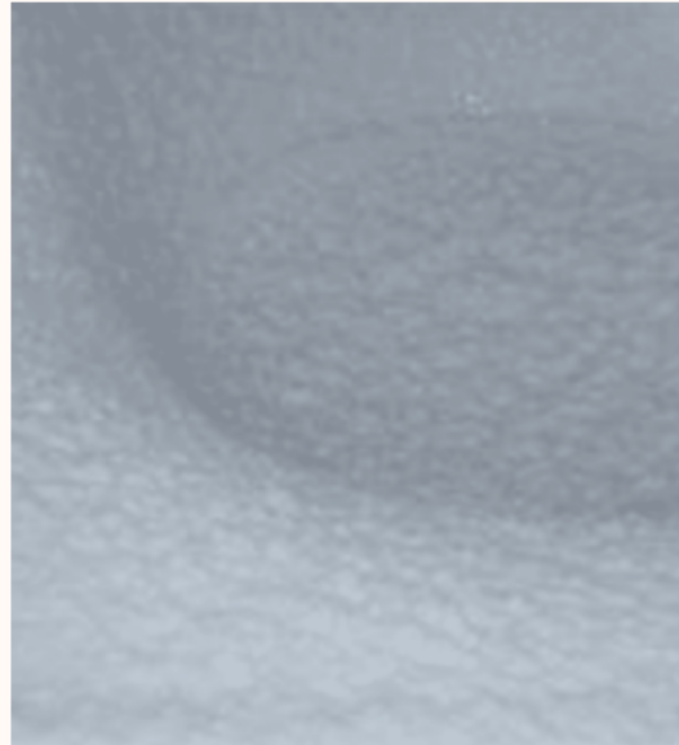


# Handee Paper Towel Lifecycle



## 1. Timber

We begin with one of the worlds most renewable resources: wood. Handee only uses 100% responsible, non-controversial forestry where pulp logs are grown in plantations. Our pulp logs are sourced from socially and environmentally sustainable forests to help protect present and future generations of forests. Our FSC® certification means Handee uses well managed forests and controlled sources for pulp. We also have a Tropical Peatland Free policy which means that Handee hasn't been made using wood from drained peatlands which generate lots of greenhouse gas and increase the risk of forest fires.



## 2. Pulp

A mixture of local and imported pulp, made from softwood (NZ pine) and hardwood (Eucalyptus) trees, is used in making Handee tissue. The pulp mixture is then spread across a long continuous fabric to make a web (or sheet) of tissue. This then passes through a number of stages to extract water and dry the tissue.



## 3. Steam

Local clean, green steam is collected from a geothermal bore and travels along pipes to the factory. This eliminates the need to make our own steam using gas-fired boilers. The geothermal bore is owned and operated by the local Maori Iwi.



## 4. Paper

The large tissue paper rolls, called 'mother reels', are made locally in Kawerau, Bay of Plenty. Handee mother reels can weigh up to three tonnes each, similar to the weight of three cars. At Kawerau the energy we use to make Handee is renewable, such as hydroelectricity and local, naturally occurring geothermal steam. The percentage of renewable energy over the entire life cycle of Handee ranges from 72% to 74.4%.



## 5. Finished Product

Tissue paper from the mother reels are layered together, embossed with the distinct Handee design and wound onto recycled cardboard cores to create Handee paper towel "logs". The "logs" are then cut to length and packaged for consumer use.



## 6. Use and Disposal

Handee finished product is transported to retailers around NZ for consumers to purchase.

With so many uses for Handee paper towels, the world's your oyster! Use them to wipe up messy spills, clean your BBQ or chill your wine extra fast. Now that's Handee!

When disposing of used Handee paper towels, please do not flush. Depending on what you've used your paper towel for, Handee paper towels can be recycled or pop them into your home compost bin.