

BIN TRIM HELPS TURN FOOD WASTE INTO FERTILISER



Case Study



Funding from the NSW EPA Bin Trim program has helped Escarpment Group reduce food waste going to landfill.

Hotels use kitchen scraps to help gardens grow

"The Bin Trim program has dramatically reduced our waste-to-landfill amount, enabling our kitchen organic food waste to be diverted from the landfill general waste stream."

Peter Redman,
Chief Engineer

Escarpment Group

Escarpment Group owns and operates hotels in the NSW Blue Mountains and the Hunter Valley. Much of the waste it generates comes from its hotel restaurants, events and catering.

How Bin Trim helped

Three of Escarpment Group's hotels in the Blue Mountains – Echoes Hotel, Hydro Majestic and Lilianfels – successfully received a Bin Trim rebate to install five food macerators across the three locations. In total, the hotels received over \$127,000 in Bin Trim funding.

Food macerators transform food waste into recyclable pulp, which is then used to produce organic fertiliser.

Results

The group's food macerator systems have helped the three hotels divert 87m³, 156m³ and 162m³ respectively of food waste per year. Collectively that's over 1,600 wheelie bins* full of food waste saved from landfill every year. The Hydro Majestic alone also saw its annual cost of waste management fall by 10% with the new system.

*Assuming volume of bin is 240L



Next steps

With the new waste systems now in place across its hotels, Escarpment Group can expect to enjoy further financial savings in the long term, thanks to more efficient waste management.

The numbers

- Bin Trim rebates: \$127,190 in total
- New equipment: five food macerators
- 405m³ – or approx. 1,600 wheelie bins* – of food waste diverted across three hotels each year
- Echoes Hotel: \$27,190 funding received
- Increase in waste diversion rate by volume from 40% to 76%
- Hydro Majestic: \$50,000 funding received
- Increase in waste diversion rate by volume from 21% to 55%
- 10% reduction in total cost of waste management
- Lilianfels: \$50,000 funding received
- Increase in waste diversion rate by volume from 43% to 77%

*Assuming volume of bin is 240L

The benefits



Less waste going to landfill



More recycling



Lower waste disposal costs

Take action

Could your business save on waste?

Register your interest to join 22,000 businesses recycling more through the Bin Trim program.

Visit

www.epa.nsw.gov.au/bintrim

Email

Bin.Trim@epa.nsw.gov.au

Call

131 555
(ask for the Business Recycling Unit)

NSW Environment Protection Authority

Email: info@epa.nsw.gov.au

Website: www.epa.nsw.gov.au

ISBN 978 1 922260 55 0 | EPA 2019P1572

May 2019

The EPA [disclaimer](#) and [copyright](#) information is available on the EPA website.