Environmental Impact

Financial Year 2018-19 | Based on Life Cycle Assessment data produced by Lifecycles

TOSHIBA

ANZRP
AUSTRALIA NEW ZEALAND RECYCLING PLATFORM

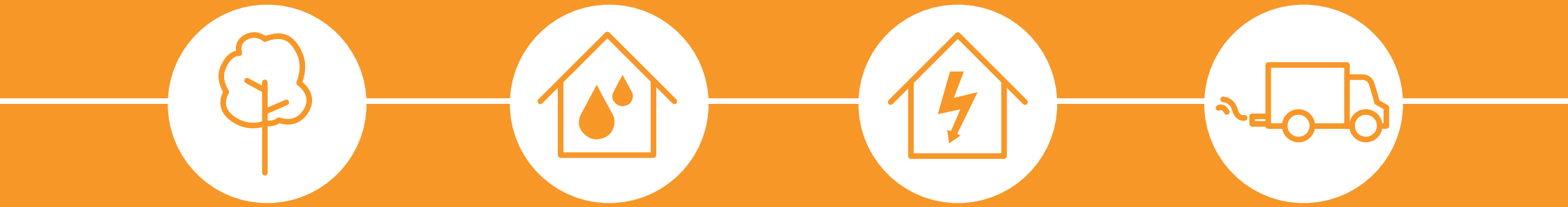
TechCollect

Each year, ANZRP conducts independent research to quantify the environmental impact of its e-waste collection and recycling service—TechCollect.

Last financial year, TechCollect recycled

22,014 tonnes of e-waste.

From a sustainability perspective, this translates into the following:



Prevented 26,165,644 kilograms of CO_2 from entering the atmosphere. This is equivalent to planting 392,485 trees.

Saved 135,794 cubic metres of water. This is equivalent to the average annual water use of 665 Australian households.

Saved 371,756 Gigajoules of power. This is equivalent to the average annual energy consumption of 2,741 Australian households.

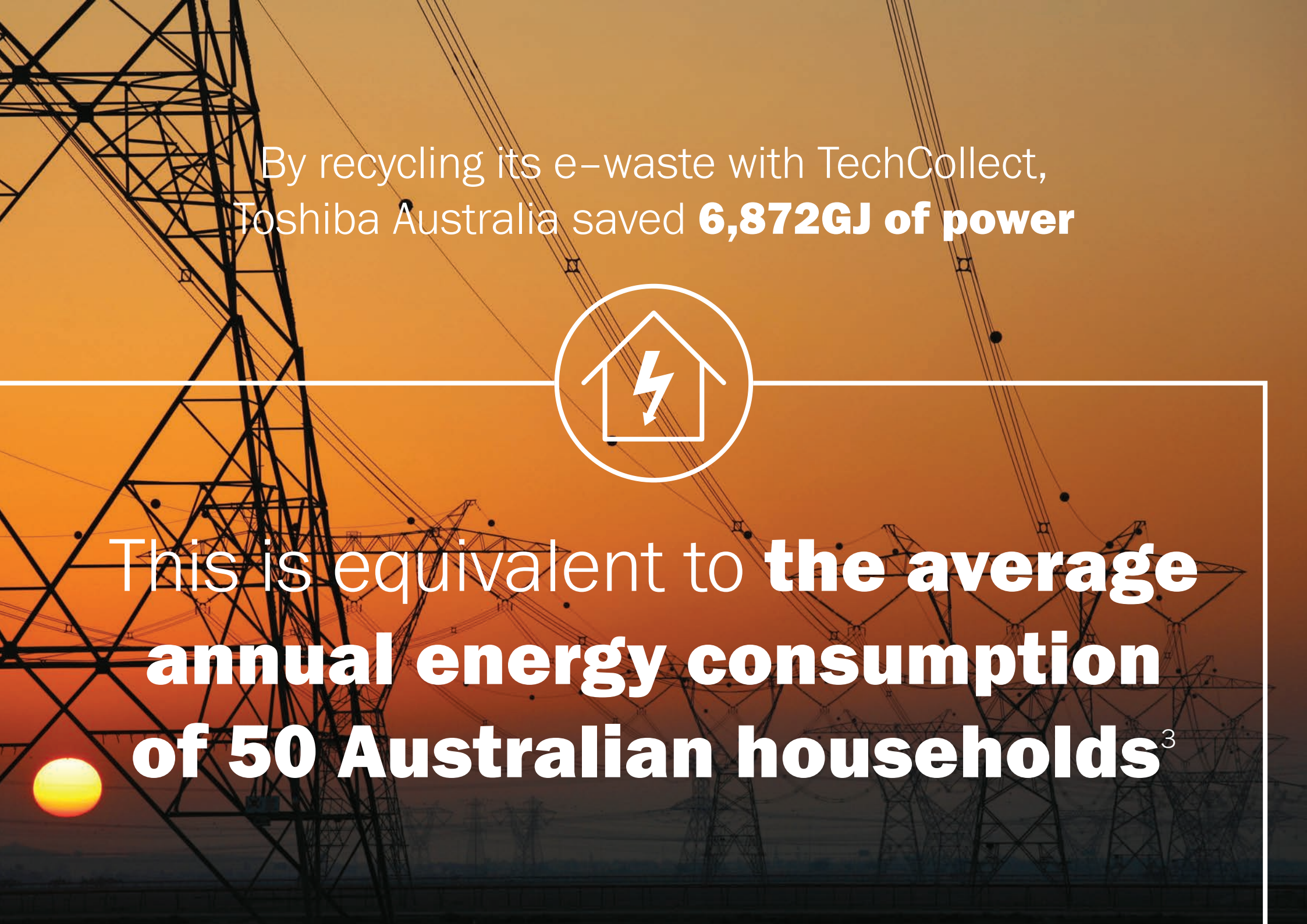
Prevented 37,005 kilograms of particulate matter from entering the atmosphere. This is equivalent to a truck driving from Perth to Sydney and back 4,746 times.

Of the 22,014 tonnes of e–waste recycled, Toshiba Australia's contribution was **407 tonnes.**

This means...


By recycling its e-waste with TechCollect, Toshiba Australia prevented **484T in carbon emissions**
This is equivalent to planting
7,325 trees[1]


By recycling its e-waste with TechCollect,
Toshiba Australia helped save **2,523m³ of water**
This is equivalent to **the average annual water use of 12 Australian households**[2]



By recycling its e–waste with TechCollect, Toshiba Australia saved **6,872GJ of power**

This is equivalent to **the average annual energy consumption of 50 Australian households**[3]

By recycling its e-waste with TechCollect, Toshiba Australia prevented **684kg particulate matter from entering the atmosphere**

This is equivalent to **a truck driving from Perth to Sydney and back 88 times**[4]

Thank you for supporting ANZRP and helping achieve a positive environmental outcome.

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References

1. Based on estimate of 15 trees storing 1 t CO2e, as provided by Carbon Neutral™ (https://carbonneutral.com.au/faqs/).

2. Based on 327 MJ of energy per Australian household and per day in FY17, using Australian Bureau of Statistic data (ABS 4604 and ABS 3236).

3. Based on 559 litres per day and per Australian household in FY17, using Australian Bureau of Statistic data (ABS 4610 and ABS 3236).

4. Based on an EURO3 diesel truck emission as modelled in ecoinvent 3.5.

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