

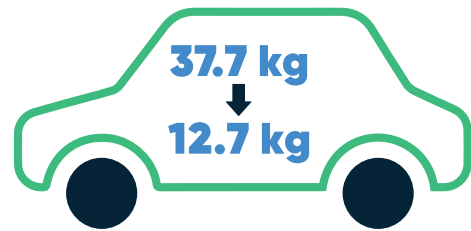
# 2021 Environmental Impact Report

## Greening Our Company

From 2015 to 2021 our participating employees reduced their emissions commuting to work by

**67%**

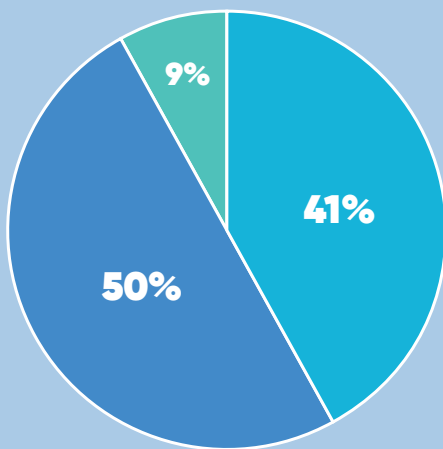
That's 62% less than our peers in the Cincinnati 2030 district.



Our average employee went from using 37.7 kilograms (kg) of CO<sub>2</sub>-equivalent (CO<sub>2</sub>e) to 12.7 kg per week. This compares to the Cincinnati District average of 33.9 kg of CO<sub>2</sub>e per week in the 2021 survey.

Total company emissions for 2021  
**77,000** metric tons

CO<sub>2</sub> emissions by business unit



- altafiber
- Hawaiian Telcom
- CBTS

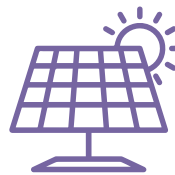
In Hawaii, we generated

**4.9** kilowatt hours

of power from on-site solar panels, representing

**9%**

of Hawaiian Telcom's power use.



In 2021, over

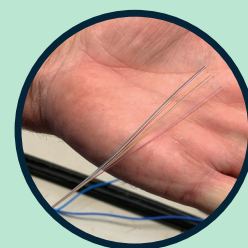
**470,000** pounds of copper and **111,000** pounds of lead

were reclaimed from our network for recycling and reuse.

## Our Future is Greener

Fiber Optic networks are greener than copper:

- Fewer physical resources are used to deploy and maintain fiber networks.
- More information moves per length of cable with less energy, lowering greenhouse gas emission.
- Fiber networks have less environmental impact than copper.



Fiber Optic Cable



Copper Cable

#ItsInOurFiber #FiberIsGreener