



Switching from paper towels to energy efficient hand dryers

Based on the initial 23 sites that were surveyed

Annual savings = 20,228Kg/CO2



20,228Kg/CO2 would be created by :

- The energy use of an average house for 568 days
- 7.07 tons of Coal burned for electricity
- 10.10 tons of Natural Gas burned for electricity
- 5.25 tons of Oil burned for electricity

And it's the equivalent of: Taking 4 cars off the road for a year

Source: <http://www.yousustain.com/footprint/howmuchco2?co2=20228>

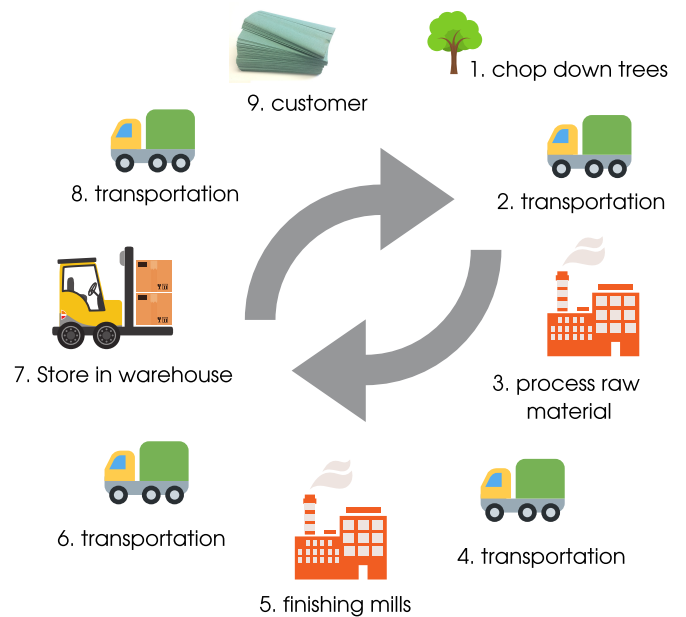


"UK emissions were 43% below 1990 levels in 2017. The first carbon budget (2008 to 2012) was met and the UK is currently on track to outperform on the second (2013 to 2017) and third (2018 to 2022). However, it is not on track to meet the fourth (2023 to 2027).

To meet future carbon budgets and the 80% target for 2050, the UK will need to reduce emissions by at least 3% a year, from now on. This will require the government to apply more challenging measures."

Source: <https://www.theccc.org.uk/tackling-climate-change/reducing-carbon-emissions/carbon-budgets-and-targets/>

Paper towels lifecycle: production of CO2



Key reminders:

- Paper towels can not be recycled (their fibres are just too short to be used again and they're contaminated waste).
- Paper towels generally end up in landfill (a massive contributor to greenhouse gas)

These hand dryers are 86 - 96% more energy efficient than a conventional hand dryer



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