# Twitter Thread by Small Cycle

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## Environmental impact of carrier bags



• In this life cycle assessment of supermarket carrier bags we can conclude that the environmental impact of all types of carrier bag is dominated by resource use and production stages. It is because there is so much energy that is needed in the production stage.

Transport, secondary packaging, and end-of-life management generally have a minimal influence on their performance.

Whatever kind of bag is actually utilized, the essential towards decreasing the effects are actually towards recycle it as often times as feasible as well as where recycle for buying isn't practicable

The recycling of traditional HDPE as well as various other light-weight provider bags for buying as well as/or even as bin-liners is actually critical towards their ecological efficiency as well as recycle as container linings create higher advantages compared to reusing bags.

Starch-polyester mix bags have actually a greater global warming perspective as well as abiotic depletion compared to traditional polymer bags, as a result of each towards the enhanced value of the product in a bag as well as greater product manufacturing effects.

Base on the life cycle assessment of supermarket carrier bags, we know that minimum usage from each product before its recycled is:

-The paper bag = 3 times
-LDPE = 4 times
-Non-woven PP = 11 times
-Cotton bags = 131 times

Source: Environment Agency. 2011. Life cycle assessment of supermarket carrier bags: a review of the bags available in 2006

see more on: https://t.co/fTjUCNEX1H

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