

# Top 5 Environmental Issues

Climate change | Energy | Waste | Water | Land Management

## Climate change

Less CO<sub>2</sub> = Less Climate Impact

### Eco Sleeves are tree free!

So trees are left to do what they do best ...  
convert CO<sub>2</sub> into O<sub>2</sub>.

Eco Sleeve  
2.45 gCO<sub>2</sub>e / sleeve



Paper Sleeve  
13.18 gCO<sub>2</sub>e / sleeve



5 times more CO<sub>2</sub>  
than Eco Sleeve

### Eco Sleeves use less energy to:

- Source raw material
  - Convert into sleeves
  - Ship the sleeves
  - Recycle the sleeves
- Compared to conventional paper sleeves

This all adds up a to much smaller footprint CO<sub>2</sub> footprint.

Visit [ecosleeve.com](http://ecosleeve.com)  
to review the life cycle analysis



100% of our power comes from renewable energy



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## Waste

66% less material = Less waste

Only 30% of waste is recycled.

*Despite all of our collective efforts as a society, 70% of our waste still goes to landfill ... depressing, huh?  
... cups, lids, sleeves, napkins, - compostable or not, it goes to the dump.*

And, virtually nothing breaks down in landfill (try reading Rubbish: The Archeology of Garbage for the gory details ... we did).

Recycling is the only answer for disposable products,

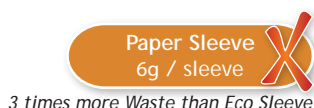
Compostables gum up recycling streams and they use more non-renewable resources than "non-renewables" do (ie PLA uses more "oil" than the plastics themselves, and they're made from "oil")

Paper can only be recycled a couple of times, and it is very heavy which means more waste landfill.

When recycled, Eco Sleeve is much more efficient than paper, and when landfilled (new word, we know) Eco Sleeve makes for way less waste ... how does 66% less waste sound?

Eco Sleeve is Up-cyclable!

Up what?? This simply means that Eco Sleeve can be made into the same product over and over without using any virgin material ... unlike paper, which is down-cyclable. Paper fibres continually get shorter so paper can only be recycled a couple of times until the fibres are unusable or need to be mixed with virgin material.



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## Energy

Concerns :

- We're running out of fossil fuel
- The energy we use pollutes.

### Eco Sleeves are made from fossil fuel??

It's true. Eco Sleeves are made of polystyrene which comes from benzene.

Benzene is one 'layer' of hydrocarbon that is 'cracked' from natural gas.

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However, through the life cycle Eco Sleeve actually **uses less fossil fuel than paper sleeves!**

Less energy is used for:

- raw material
- manufacturing
- shipping
- recycling

**Less energy = Better for the environment**

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