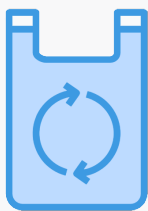


PLASTICS VS PAPER

Did you know plastic leaves the smallest carbon footprint on earth?

Facts About Plastic:

- ▶ Plastics are inert in landfill and as such emit no greenhouse emissions or gases
- ▶ It does not poison or pollute ground water table
- ▶ Less than 1% of plastic bags (by weight) are in landfill
- ▶ Less than 4% of plastics are in landfill
- ▶ More than 90% of barrel oil is used for fuel and heating
- ▶ Nothing degrades quickly without light, heat, air and/or bacteria (metal cans & paper products deteriorate very slowly or not at all)
- ▶ Plastics need to perform a function and be fit for purpose and are degradable or UV degradable
- ▶ None are truly biodegradable unless with EU (EN13432) or Aust.Standard (AS 4736) accreditation. Vegetable based material is accredited... but with worldwide food shortages should we be using this for fuel?
- ▶ Plastics from all industries use less than 5% of a barrel of oil... in fact, plastic bags are also made of natural gas



Lightweight



Strong



Recyclable

Plastics Vs. Paper

- ▶ Paper is 800% higher in price than plastics
- ▶ Plastics use 72% less energy in energy manufacturing
- ▶ Plastics are 90% less in waterborne waste than paper
- ▶ Less energy/fuel consumption for transport due to less weight by volume

Australia emits only 1% of the world's greenhouse gases, compared to China which has 17 out of the 20 top most polluted cities in the world, and 70% of the world's most polluted rivers in the world. The WHO states that indoor and outdoor air pollution causes 656,000 deaths per year and 100,000 deaths through water pollution.