



Environmentally Friendly And Social Responsibility Labels

Rami E. Kremesti M.S., CWEM, Csci, CEnv



Low Impact Dyes/Organic Cotton

- An estimated 17-20% of industrial water pollution comes from textile dyeing
- Mordants fix the dye to the fabric and some are toxic
- Natural vs. Synthetic Dyes?
- Sustainable fabrics vs. Petrochemical fabrics



Fuel Efficient Cars with Low Emissions

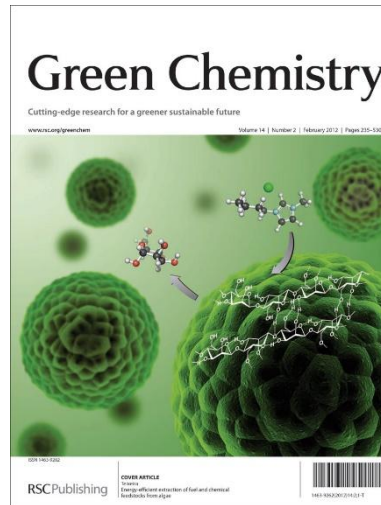


**Volkswagen XL1
does 300 MILES to
the gallon**



Daimler AG's marketing name for engines equipped with advanced NOx reducing technology for vehicle emissions control in diesel-powered vehicles.

Environmentally Friendly Detergents/ Cleaners/Paint/Jeans/Paper – Green Chemistry



Archroma Advanced
Denim – Eco Jeans

Environmentally
Friendly Paint



High BOD₅ low COD



Halogen Free Electrical Cables



Restriction of the Use of Certain Hazardous Substances (*RoHS*)

Low Smoke Halogen Free (LSHF)

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Waste Water Treatment and Water Recycling



NEWater is treated sewage that is fit for drinking !

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Environmental Impact Assessment

The story behind Apple's environmental footprint.

Apple reports environmental impact comprehensively. We do this by focusing on our products: what happens when we design them, what happens when we make them, and what happens when you take them home and use them.



Low Impact Organic Farming/Food

- No harmful pesticides
- No harmful herbicides

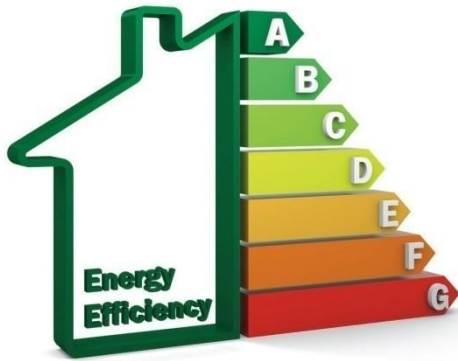


JOIN
BEYOND PESTICIDES



Bee Friendly Zone
www.BeeFriendlyZone.org

Low Carbon Footprint Homes/Appliances/Offices



MINERGIE

MINERGIE is a registered Swiss quality label for new and refurbished low-energy-consumption buildings.



Passive House homes can use as low as 2000 W of power for heating or cooling a home

Net Zero Eco Homes



DGNB

Deutsche Gesellschaft für nachhaltiges Bauen e.V.
German Sustainable Building Council

MINER**G****IE**



Eco-Friendly/Socially Responsible Mobile Phones

“We're putting social values first and opening up the supply chain. One step at a time.”



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Biofuels/Biomass Fuel for Cars and Heating



Eco Labels for Tyres



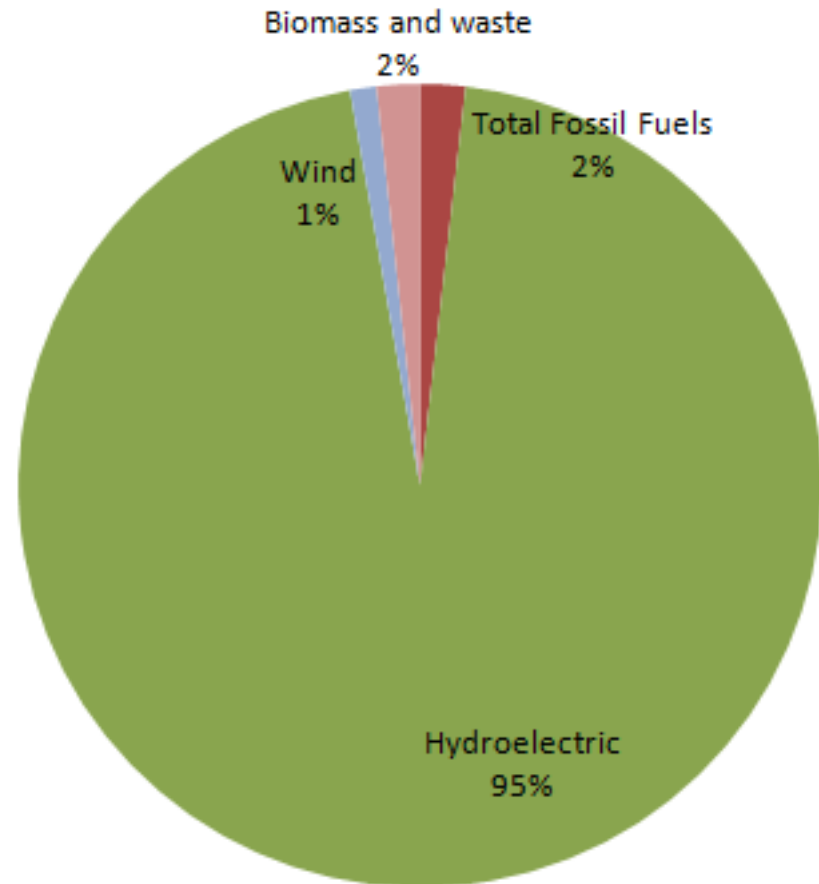
Sustainable Power



WINDMADE



Norway



GHG Emissions

<p>working with the Carbon Trust</p>  <p>850g CO2 per wash</p>	<p>The carbon footprint of this product is 850g per wash and we have committed to reduce this</p>
	<p>By comparison the carbon footprint of non-biological washing liquid is 600g per wash</p>
	<p>Help to reduce this footprint. Washing at 30°C rather than 40°C saves 160g CO2 per wash</p>

<p>CARBON NEUTRAL SHIPMENT</p>	
<p>ups.com/carbonneutral</p>	

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GHG Emissions Calculator

GREENHOUSE GAS CALCULATION³

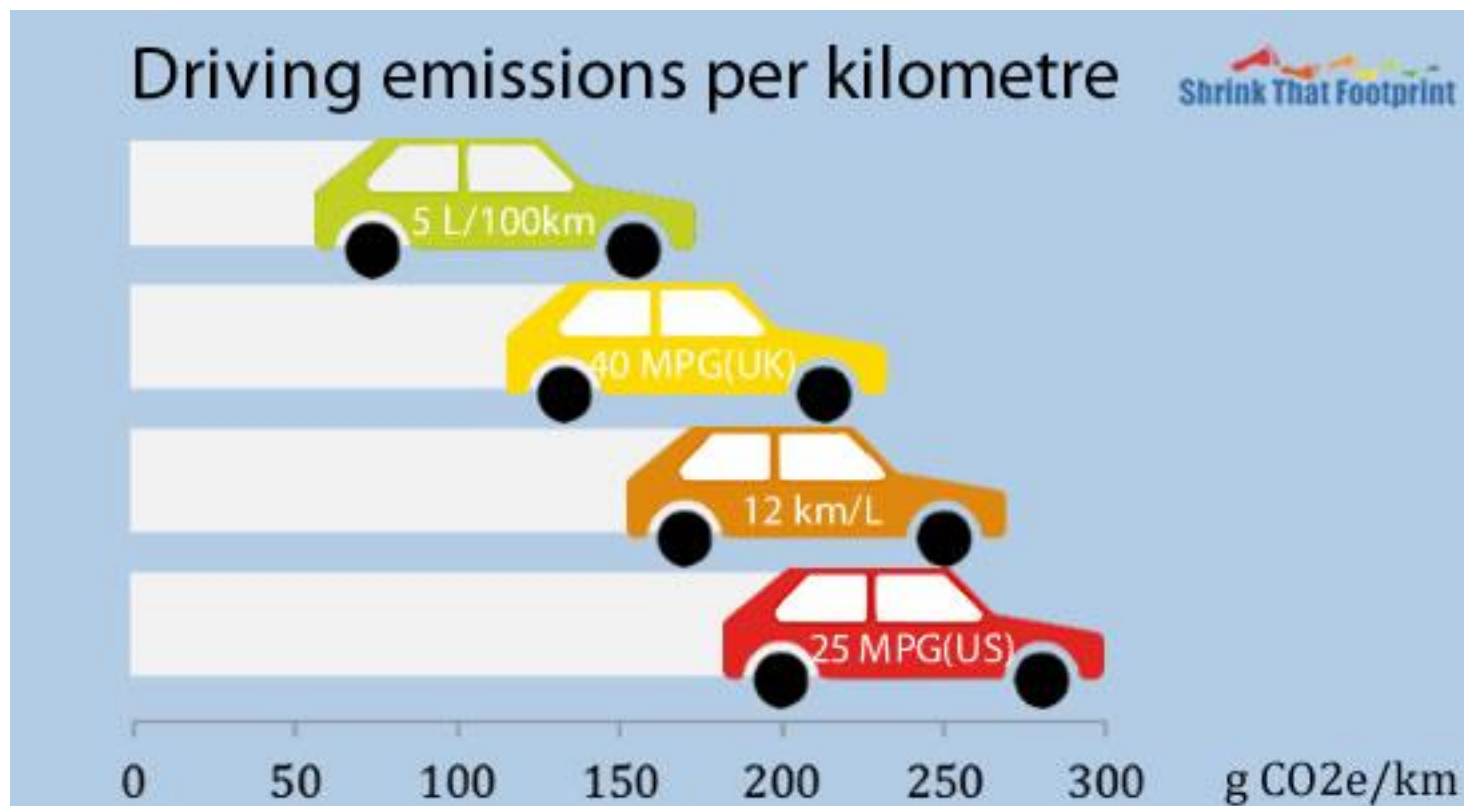
Greenhouse Gas Emissions =  x  x 

D = The **distance** your shipment has traveled (in miles or kilometers)

W = The **weight** or amount of your shipment (in pounds, kilograms or tons when data is available, or volume metrics such as number of twenty-foot equivalent unit [TEUs])

EF = The mode's specific **emissions factor**.

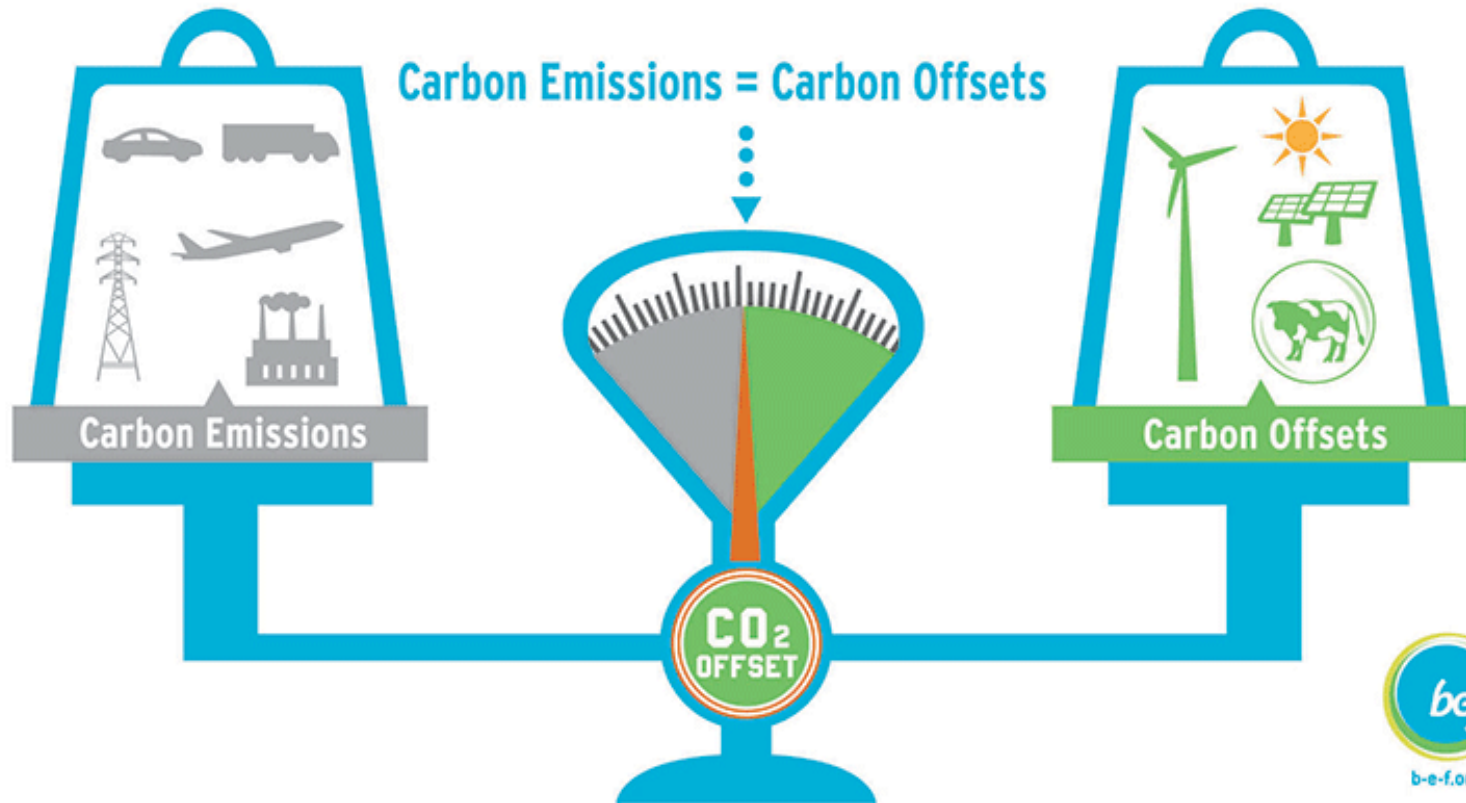
GHG Emissions Calculator for Cars



Carbon Offsets

How a Carbon Offset works.

1  = 1 Metric Ton of Carbon Dioxide Reductions



How Carbon Offsets Work

Carbon Offsets

Offsets represent emission reductions that have been achieved outside of the capped sector.

1 Company A needs to meet its emissions cap



2 Company A invests in an emission reduction project that produces carbon offsets



INVESTMENT

3 Company A receives carbon credits for its investment

CREDITS

CARBON OFFSET



Carbon offsets programs can include:

- Reforestation
- Renewable energy
- Methane capture/combustion

One carbon credit = One tonne of greenhouse gas emission reductions

Forrest Friendly

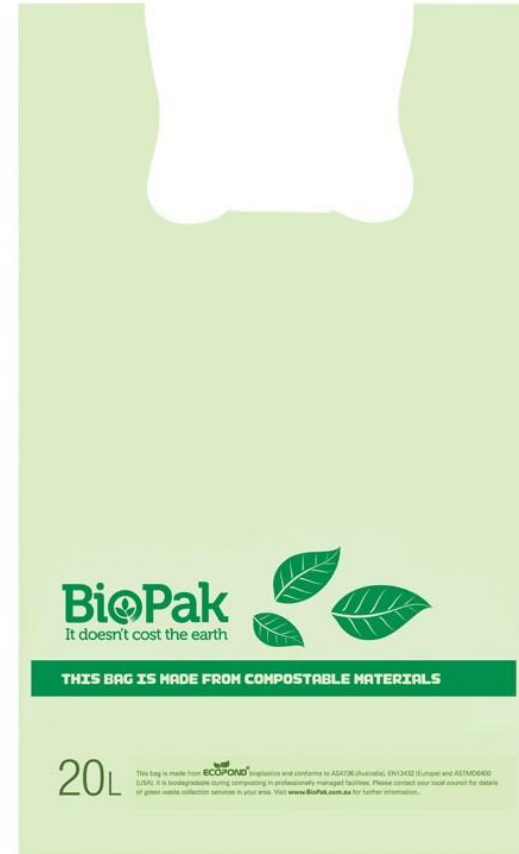


The mark of
responsible forestry

Ask about FSC availability



Biodegradable Bioplastic Bags



Fairtrade

Ask for our jewellery made
with Fairtrade Gold

Fairtrade Foundation registered jeweller 2014

Building a secure future
for miners, their families
and communities.

Visit fairtrade.org.uk/gold
for more information



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Standards

- **ISO 26000 - Social responsibility**
- **UK WEEE Directive (Waste Electrical and Electronic Equipment)**
- **ISO 50001 and 50002 (Energy Management System)**
- **LEED**
- **BREEAM / DGNB**



An environmental Standards
Information Portal for Europe



CERTIFIED ENVIRONMENTAL
MANAGEMENT SYSTEM

Finally

“If you want to see a change in the world...

BE THAT CHANGE”

Mahatma Gandhi

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REFERENCES

- <http://www.ecolabelindex.com/>
- www.europeanwaterlabel.eu/
- <https://www.bre.co.uk>
- <https://new.usgbc.org/>
- <http://www.epi-global.com/>
- <http://www.dgnb.de>
- <https://www.carbonfootprint.com/>
- <http://www.b-e-f.org/>