A Closer Look at Bio-diesel

Using Biodiesel is a brilliant way of reducing your carbon footprint, it is biodegradable and non-toxic, and is a fuel that can be used in any diesel powered vehicle. Because biodiesel only releases the carbon dioxide that has been previously absorbed by the plants when growing, it has no negative impact on the carbon cycle.

Biodiesel can be made from processed waste vegetable oil – that has maybe come from your clubhouse kitchen - and used to run any diesel motor. The natural cleaning properties in Biodiesel mean that it is actually good for your car, it can help to clean injectors, fuels lines, pumps and tanks – plus it's extremely cheap.

Words of warning:

- Anyone can make biodiesel but you may need to pay a small amount of duty on the fuel
- If you intend to use cooking oils, make sure that they do not contain animal fat. The use of animal fats as a fuel is illegal as it falls under a specific waste legislation
- Check your car manufacturers warranty – some manufacturers will not honour the warranty should you use a fuel different to that advised

FACT: Research is currently underway into the use of algae in biofuel production. Algae has the potential to yield much higher quantities of oil and can be grown on sewerage plants and other alternative areas, taking the pressure off conventional farm land.

Useful Websites:

www.co2savings.co.uk
www.whatsmycarbonfootprint.com/reduce_transit.htm
www.environmentalgreensystems.co.uk
www.envirogreenbiofuels.com

Rainwater Harvesting

This is a low cost option that simply involves the collection of rainwater from surfaces on which rain falls. Generally, water will be collected from the roofs of buildings and stored in rainwater tanks. All you need is to capture this rainwater and direct it from roof gutters to your rainwater storage tank.

Info taken from www.carbonfootprint.com

Grey Water: The Facts

Not only is water a scarce resource globally- it also takes a huge amounts of energy to move it around - all adding to your carbon footprint. Grey water is the solution.

Money goes down the plug-hole

Most consumers are very wasteful when it comes to water usage. In Western economies, we take water supply for granted and use huge quantities of potable water - often for non-essential purposes and - worst - sometimes we just pour it straight away. An increasing number of us now have water meters fitted to our homes - meaning that we are quite literally pouring money down the drain.

So what can you do? Clearly, we can all make efforts to cut down on our use of water by simple means - but also domestic water treatment equipment is now available to help householders and golf clubs to recycle used potable water ('Grey Water') and also to harvest rainwater. We like to think of this as Green Water.

Giving Grey Water the Green Rinse

With the right treatment, you can put Grey Water to good use in applications such as laundry, toilet flushing, and also for plant watering - for which the phosphorus and nitrogen nutrients provide a good food source. Grey water provides many benefits. You can install a home UV filtration system from a number of suppliers globally.