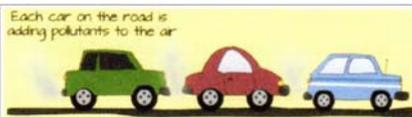


# MESS news

Marple, Mellor & Marple Bridge Energy Saving Strategy No. 16 Summer 2019

*"An opportunity to face and plan, together as a community, the challenges that Climate Change brings"*

## AIR POLLUTION AROUND SCHOOL



One of our local primary school pupils has set up a campaign to persuade people to switch off their car engines when parking in and around the school grounds. He independently contacted a local councillor and organised leaflets to be distributed to the school neighbours to display in their windows that carry a message to turn off engines while waiting. He and a group of friends are being supported by the councillor and parents to promote the no idling message.

*"While so much attention is given to air pollution in London, Greater Manchester in fact has the highest rates of emergency admissions to hospital for asthma in the whole country"*

## FEED YOUR COWS SEAWEED!

One of the reasons we are encouraged to cut back on beef consumption is to reduce the emissions from these animals. Research has shown that if cattle are fed a 5% seaweed feed the methane they release is cut back by 47—99%



## MESS MEETINGS

MESS meets every month at  
7pm in Room 4  
**Marple Methodist Church,**  
Church Lane, Marple SK6 7AY

Next meetings are: **2019**

9 September, 14 October,  
11 November, 9 December.  
and every 2nd Monday of the month

## Contacts

Email: [marplemess@gmail.com](mailto:marplemess@gmail.com)  
[www.marplemess.org.uk](http://www.marplemess.org.uk)



0161 663 0402  
116 Longhurst Lane  
Mellor SK6 5PG



Sunday 29 September, 2.30—5.30pm is the time to discover and work out what we can all do to play our part both as individuals and community to combat the effect of Climate Change.

Dr Chris Jones from the Tyndall Climate Research Centre at Manchester University will explain the facts and realities of Climate Change and together we will explore how we can adapt our lifestyle to make changes to our carbon emissions. The event will incorporate stalls and displays and there is an Art Competition for the local schools

# CLIMATE CRISIS

## IN MARPLE

The afternoon will conclude with people being encouraged to make community and individual pledges to change our lifestyles to benefit the environment. So whether it is never again buying cling film or wet wipes or abandoning the tumble dryer and the car to growing our own vegetables and only eating meat once a week the aim of the afternoon is to encourage people to discover the changes we can all make to cut our carbon emissions to zero in the Manchester target of 2038.

MM

## CARBON STORAGE

Much is spoken these days about how the world stores carbon. 'So what does carbon storage mean and involve? Nature has managed a great system of providing carbon storage for millions of years. Trees and other plants remove carbon dioxide from the atmosphere and lock it into their tissues. When they die the carbon locked up in their tissues eventually becomes locked into the soil. Some of this carbon is absorbed by bacteria in the soil and through the process of respiration is returned to the atmosphere. Man's activities over the last 150 years have managed to remove carbon stores such as coal and oil and gas from the ground and release increasing amounts of this carbon in the form of the gas carbon dioxide into the atmosphere thereby leading to climate change. One method of reducing carbon dioxide levels and thereby reduce the effects of climate change is to remove it from the atmosphere and store it.

There are 3 main approaches to carbon dioxide removal and storage: biological, chemical and physical. Biological removal simply involves the use of biofuels, fuels

synthesised from plants and reforestation. Reforestation and/or the avoidance of deforestation are win win solutions. A potential chemical solution would be to fertilise the oceans with certain micronutrients to encourage marine algae and phytoplankton to photosynthesise more thereby absorbing more CO<sup>2</sup> from the atmosphere. A physical method would be to directly absorb CO<sup>2</sup> from the air by technological means. However considering that CO<sup>2</sup> forms only 0.05% of the atmosphere, this is much harder than it sounds and is very energy demanding and therefore expensive. Ultimately The CO<sup>2</sup> collected could be stored underground as a gas in disused oil wells. Another physical means would be to remove CO<sup>2</sup> at the point of release. This would be more manageable in large industrial complexes but would require government action to make it an essential part of industrial production. Whichever method of carbon removal and storage is employed it is surely an important consideration in dealing with the ever increasing problem of climate change.'

GMK

**SHOP LOCAL AND ETHICALLY**

Marple Health has been owned by husband and wife Jean and John for the past seven years. They buy items in wholesale amounts and re-package them using organic cellulose. The range of items is amazing: it includes frozen and chilled items, as well as a considerable range of herbs and nuts, and products for the lactose and gluten-intolerant. One of the joys of a shop like this is that one can buy small amounts of most items whether its walnuts or cinnamon. They also stock several Ecover products which you can re-fill, saving many dozen bottles since they began. Their combined stock exudes a delightful aroma that strikes one as soon as one enters. Their stock is free from animal products. Staff are friendly and helpful. As well as taking part in Marple community activities, they recently featured on High Peak Radio. They are open every weekday from 9 until 17.30.



*Small amounts packed in cellophane*



*Refillable Ecover products*

DM

**ECOBRICKS**



To make use of existing plastic bottles without further polluting the oceans many people in the Marple area are stuffing the empty bottles with clean, dry plastic and using these ecobricks as building materials. Some local people are lining ponds, building garden walls and edging paths. If used in the garden they need to be covered with a soil paste to stop disintegration. Used indoors they can be made into tables and benches. The possibilities are endless. Utube has a useful film showing just how to make these bricks and the staff at Cloudberry Café will offer advice. Many third world countries are finding these bricks a cheap material for construction. Many of us will also have seen the greenhouse made of plastic bottles at the school in Ashton Hayes as shown on NW TV.



Have you any ideas for how else we can use existing plastic?

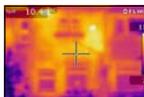
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**RECOMMENDED READING**

Turning The Tide On Plastic. How Humanity (And You) Can Make Our Globe Green Again.  
by Lucy Siegle  
ISBN 978-1-4091-8299-3

**Thermal Imaging**

MESS is again offering to do a Thermal Image of your home so you can see where there may be heat loss and other problems that could be corrected. If you wish to book a survey contact MESS to arrange on: marplemess@gmail.com or 0161 663 0402



MESS meets monthly to discuss environmental issues and matters arising and to plan the way ahead. If you would like to be part of the group and / or keep in touch with the group & other issues of Carbon Reduction in the area please complete this form and send to: MESS, 116 Longhurst Lane, Mellor, SK6 5PG  
Email: marplemess@gmail.com

**YOUR DETAILS**

NAME: .....  
 ADDRESS: .....  
 POST CODE: ..... TEL.NO:.....  
 Email: .....

