

From: Michael Wasley [REDACTED]
Sent: Sunday, 4 August 2019 8:57 AM
To: ClimateChangeInquiry
Subject: Tackling climate change and sustainability at the same time.

To whom it may concern,

I think we can help tackle global warming by burning more of our 'woody weeds' in an oxygen starved chamber , at around 350-500 degrees Celsius, to make inert charcoal, or biochar.

This must be worked back into our soils to make it more drought tolerant. So that even if we have a drought the carbon in the soil will not all go back up into the atmosphere like a humus rich soil does, when it dries out.

To mitigate soil evaporation, and a reduced essential food crop supply, we MUST have a guaranteed water supply.

Not from a dependence on rain fall.

We have the technology now to get hydrogen gas from seawater, using electricity.

It is far cheaper, less work, less energy to pump hydrogen gas around a national grid of pipes , than to do the same with water.

We are changing our electricity to renewable clean , energy. Like solar and wind, which is intermittent.

We must store that energy in the form of hydrogen gas. It's an absolute must.

When we convert that energy back from hydrogen gas, it makes water.

We can water our essential food crops at night with hydrogen gas.

If it's cold, and in a greenhouse, Heat is produced as well.

Please seriously consider this proposal.

Terms like Biochar, and hydricity have been bandied about, but I think making sure we have a guaranteed food crop of healthy vegetables for the population must be our main focus, while making our soils carbon rich to do so.

Best regards,

Michael Wasley.
[REDACTED]

PS: I have had success doing this myself, domestically, so I can't see why this can't be 'ramped up' to a commercial, national scale.

Protecting all life is the human purpose