

Long term we need to plant more trees, sea grass and restore mangroves on shorelines to restore habitats we have damaged and destroyed. In the short term, Duckweed is the answer to prevent catastrophic climate collapse. **To achieve all this we need an organised three part plan:**

Learn – Unite – Act

We all have to learn about how we got into this Climate Mess. To help do this a new World Day has been launched, uniquely, with the date in its title! Why? It is so we can all know when it is and prepare to get involved and pay attention and learn together the cause and the solution.

PROTECT OUR PLANET 24/7 WORLD DAY

This new unique World Day is vital to do this so please spread news about it by every social media means at your disposal. It was designed specifically for Wednesday 24th July, 2024 because it is then 24 -7 – 24 and works as a date for most of the World's Nations.

Human Unity can be achieved by all of us concerned for the planet's and our survival joining 'i4one'

The only requirements to join are to be human and to be able to say (or even just think) the words "I for one will not stand by and let our Earth die" and mean it in your heart. If you are able to do that you are automatically in. No money is required and it is safe because only you know. There is no record of membership except in your brain! It is also incorruptible, because you cant fool yourself!

So are you now in 'i4one' ? Potentially uniting most of the world's population to tackle this one important issue for our survival and the amazing life of our natural world.

Action.

Duckweed can be grown in vertical trays to whatever height we require.

Although duckweed is very tiny, each duckweed plant reproduces itself every 48 hours. It therefore in terms of mass becomes as big as a tree in a very short space of time. We therefore need to think of duckweed not as the tiny plant we see, but what it can become so quickly, relative to other plants!

There is an equation for carbon sequestration by plants.

It is: Mass x Time x Surface Area

Only Duckweed gives us the chance to do this safely and allows us to vary not only the first two parts of the equation but also the third of *surface area*.

The best varieties of duckweed for this purpose are the smallest of about 1-2 mm each leaf. The reason for this is because they are the size of pulped cardboard, so they can be moulded into any block or sheet or board or pellet we want use for. It is also important because at this size duckweed when harvested desiccate in air in about 1-2 hours without rotting. This is vital to stop carbon getting back into the atmosphere.

Even after we have got the carbon level in the atmosphere back down to the ideal 350ppm Duckweed has so many amazing other uses. It can be used as human food, animal feed, it can be made into biofuel and is already use to purify dirty water. Any buildings created to grow it will therefore always have a productive use long into the future. Man made peat bogs in disused quarries would be a possible storage option as well as the solid dry moulded forms we find uses for in construction.

After reading this leaflet please pass it on or recycle it. Thank you.