

C-SAP

By : **Juggernaut**

â But how much carbon is there in the atmosphere at any given time?â Juggernaut inquired. â Roughly around 750 billion tons of carbon is out there in the atmosphere.â â I understand that sea water in the oceans acts as sink hole for carbon, am I right,â inquired Juggernaut. â True, around 200 billion tons of carbon is absorbed into oceans and biosphere each year.â â What happens to the millions of tons of carbon that is released into the atmosphere each day from burning petroleum fuels?â â It will add to the 750 billion tons of carbon already in the atmosphere to further heat up the earth, the so called greenhouse gas effect.â



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â I wonder how much carbon dioxide the growing population over 6 billion people on earth are exhaling each day,â Juggernaut was curious.

â we just recycle carbon dioxide back and forth from air, so we donâ generate carbon dioxide during breathing; the problem is the quantity of petroleum fuels the growing population use that emit carbon into the atmospheres,â said Professor Think Tank or in short Prof TT, an academician turned consultant.

â How much carbon is released from burning o gallon of gas?â

â Around 20 pounds of carbon dioxide is emitted from burning a gallon of gas.â

â Man, thatâ s lot of carbon.â â I burnt lot of gas in my life time, some of it for no reason at all, just driving around,â Juggernaut was despondent.

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â It will add to the 750 billion tons of carbon already in the atmosphere to further heat up the earth, the so called greenhouse gas effect.â

â The vegetation in the forest use lot of carbon dioxide during photosynthesis, right?â

â It is part of the biosphere carbon absorption with ocean absorption amounts to 200 billion tons of carbon per year.â

â Can we make oceans absorb more carbon than the present rate of absorption?â

â Perhaps we can increase it by pumping carbon dioxide directly into the oceans.

Does renewable alternate energy sources could replace fossil fuels usage? Juggernaut inquired.

â never,â said Prof TT

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â Well, France depends on nuclear power for over 75% of their energy needs.â

â For small countries, nuclear option is too expensive and risky.â â A combination of renewable and fossil fuels are only choice.â

â Then how to handle hundreds of millions of tons of carbon released every day into the atmosphere thatâ s ransacking the climate?â

â The bulk of carbon has to be trapped at the point source where it is emitted such as at power plants, then the fugitive carbon has to be trapped into sea water and some chemically altered into form that can be recycled.â

â How?â

â With growing world population, we canâ t afford to increase land under forest for trees to absorb carbon dioxide.â

â Without more trees, how we can trap ever increasing levels of carbon in the atmosphere?â

â We need to fabricate synthetic trees made up of some kind of chemical resins that absorb carbon from the atmosphere at much more faster rate than the real trees and yet do not grow to occupy more land.

â You mean some kind of carbon eaters that sap carbon dioxide from air and chemically bind through some simple reaction for recycling later.â

â Now you are thinking Juggernaut,â said Prof TT.

â Shall we call this plant C-Sap plant?â â Is this thought occurred to anybody yet?â

â Sure, scientists are working as we speak on this idea of artificial plants to absorb carbon from the air,â â just like wind farms, these synthetic trees are installed on roadside, on wastelands, on farms and on a smaller scale as house plants,â â with a vacuum system installed in them, these synthetic small plants to big trees pulls air in and chemically bind carbon dioxide and other greenhouse gases inside the plant, a simple color change indicates when to replace the plant or tree limb that is saturated with carbon.â

â You mean like changing an air filter in a furnace?â

â Right,â â the carbon saturated house plants are disposed thru recycling bins for recovery,â â on a large scale, every so often, the C-Sap tree limbs are replaced, depends on how fast a C-Sap tree limb is saturated with carbon.â

â A synthetic tree capable of absorbing 50 to 100 times or even better 1000 times more carbon dioxide than a fully grown tree in a forest would be ideal to sap the carbon from the atmosphere.â

â True.â â Eventually, we have to reach a point where we trap as much carbon as we release into the atmosphere through human activities.â

â You know what, I have to revisit Hindu mythology to see if this idea of carbon recycling was already mentioned thousands of years ago,â said Juggernaut scratching his head.

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â You do that Juggernaut; didnâ t you mention that airplanes were used by Hindu gods? Not to mention wireless communication.â

â True, true, now I have to dig into Hindu mythology for confirmation on C-Sap plants,â Juggernaut was in a hurry.

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