

A Tangible **PLAN** for Restoring Atmospheric Greenhouse Gases To Pre-Industrial Levels by 2030



Fact #1:

Human activities worldwide exude 51 gigatons (51 billion tons) of greenhouse gas per year *

Fact #2:

One thousand acres of algae farming can—in one year—drawdown 1 million tons of CO₂**

...This means that **51 million acres** of algae farming
can draw down virtually ALL of the human caused greenhouse gases produced in one year

This alone would SOLVE half of the Climate Crisis

The task would be to grow huge areas of algae:

51 million acres = ~82,000 square miles = roughly the area of Kansas. (spread worldwide over land & sea)

...U.S. share = ~12,000 square miles = roughly the size of Maryland. (15% of global total)

...China's share = ~23,000 square miles = roughly the size of West Virginia (28% of global total)

QUESTION: Can we do this in 9 years?

ANSWER:... Is it any more daunting than doing the Apollo Moon Landing in 9 years?

3 caveats:

1. Besides drawing down all current carbon emissions, we need to do something about excess (surplus) carbon already in the atmosphere.
2. Growing the algae will draw down the carbon, ... but if any of the harvested algae is allowed to rot, burn, or compost,that captured carbon will simply RETURN back to the atmosphere.
3. Growing the algae at the needed scale will cost HUGE amounts of money.

A SOLUTION to the 3 caveats:

A revolutionary new industrial device called:

-- The HydroCarbon Splitter (HCS)--

.....SOLVES all three above issues because:

1. By splitting algae-biomass into affordable green hydrogen (H₂) and solid carbon, the HCS will —besides sucking down atmospheric carbon—facilitate a new low-cost, zero-emission universal fuel called METROL that greatly lowers human-caused greenhouse-gas emissions.
2. The HCS will process ALL the algae and turn it into highly-profitable products.
3. The profits from HCS carbon products will financially incentivize rapid spread of algae farming.

Algae Farming + the HCS + METROL could solve ALL of the Climate Crisis

All that's needed now is SEED MONEY to fund the HCS being tested out in a National Lab