

This response was submitted to the consultation held by the Nuffield Council on Bioethics on *New approaches to biofuels* between December 2009 and March 2010. The views expressed are solely those of the respondent(s) and not those of the Council.

Dennis Baker

The Copenhagen Diagnosis, 2009: Updating the world on the Latest Climate Science. Has again indicated urgency in action is imperative. Here's my solution and immediate areas of impact.

dennisbaker2003@hotmail.com

RE : The solution to climate change.

(human excrement + nuclear waste = hydrogen)

The USA discharges Trillions of tons of sewage annually, sufficient quantity to sustain electrical generation requirements of the USA.

Redirecting existing sewage systems to containment facilities would be a considerable infrastructure modification project.

It is the intense radiation that causes the conversion of organic material into hydrogen, therefore what some would consider the most dangerous waste because of its radiation would be the best for this utilization.

I believe the combination of clean water and clean air, will increase the life expectancy of humans.

The four main areas of concern globally are energy, food, water and air!

The radiologic decomposing of organic materials generates Hydrogen

By using our sewage as a source of energy we also get clean air , clean water, and no ethanol use of food stocks. Eat food first, create energy after.

Simply replacing the fossil fuel powered electrical generating facilities with these plants, would reduce CO2 emissions, and CH4 emissions, to acceptable levels, globally.

This would require a completely new reactor facility capable of converting human waste into hydrogen and then burning the hydrogen to generate electricity on site.

This solution is sellable to citizens because of all the side issue solutions. I've been able to convince most simply with concept of using nuclear waste to a productive end.

Superbugs (antibiotic resistant) apparently are created in the waters sewage is discharged into, which is one more side issue solution.

Anything not converting into hydrogen will potentially be disposed of using Transmutation.

The water emitted from hydrogen burning will have uses in leaching heavy metals from other contaminated site clean ups.

I thank you for your consideration, please feel free to contact me anytime.

Dennis Baker