

The United States is at a critical juncture in its history as its national security, economy, and way of life are threatened by dependence on the importing of products to fulfill the majority of its energy and energy-related needs. In addition, there is a growing concern regarding the effects of the oxidation of fossil fuels on the environment through the release of CO₂ and other volatile organic compounds (VOCs) into the atmosphere. In 2008, the U.S. imported almost 70% (\$465 Billion) of the oil, over 20% (\$50 Billion) of the natural gas, and 75% (\$8 Billion) of the fertilizer needed to fuel the economy and had a stunning demonstration of the global economic shock felt when “market forces (OPEC/Chavez/speculators/...)” control the price of a barrel of oil. Being at the mercy of outside forces has caused internal turmoil in at least four (4) major drivers of the U.S. markets...

ENERGY

Energy

The direct effects of the cost of imported oil and natural gas is felt in virtually every sector of the economy, either directly, as at the pump or heating homes, or indirectly, as in the cost of mailing a package or consumer goods.

ENERGY FOR AGRICULTURE

Energy for Agriculture

Two major cost factors for the agriculture industry are fuel and fertilizer (currently synthesized primarily from natural gas). There is growing emphasis on the use of corn and other bio-fuel products to help alleviate the looming energy crisis. The economic viability of the farming community is tied directly to the costs of

fuel and fertilizer and extremely sensitive to the wide pricing fluctuations that are becoming routine in the marketplace.

FOOD CHAIN

Food Chain

As noted above, agriculture requires fuel and fertilizer to be successful. The current dynamics in the energy and fertilizer markets are being felt every day in grocery stores around the globe as higher priced agricultural products make their way to the shelves. As the effects of higher and more unstable costs for fuel and

fertilizer work their way through the industry, consumers can expect to see even higher prices for food products, driven by the higher cost to produce and a decrease in supply caused by more bankruptcies in the farming community. The world witnessed massive riots and demonstrations over the last year over food pricing and availability. Stabilizing fertilizer and fuel costs will also help to stabilize food costs.

GLOBAL WARMING

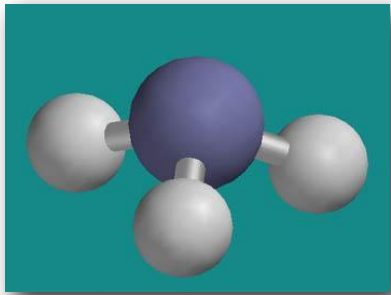
Global Warming/Greenhouse Gases (GHGs)

A fourth factor weighing heavily on the earth and its occupants is the effects of GHGs on the environment and, possibly, on both human and animal life. Finding alternatives to reduce or eliminate the use of fossil fuels in the global economy will have a major positive effect on the quality of life going forward.

Enter 'The Aetodyne Solution'...

Aetodyne is focused on the development, commercialization, and deployment of new technologies for the production of anhydrous ammonia (NH_3) and its derivatives, including combination fuels and hydrogen, to address the market drivers identified above.

The Aetodyne solution is a process technology that is transformative to the market: the production of anhydrous ammonia from air, water and electricity. This is a significant breakthrough as the production of NH_3 has required the use of natural gas or coal for nearly all of its production globally for the past 100+ years, consuming approximately 4% of the world's natural gas. Initial discussions with Camco, an internationally recognized validation authority in carbon credit methodologies, indicates that the Aetodyne process will be eligible for carbon credits.



The search for a domestically produced, economical, and environmentally friendly fuel has led to one acceptable solution, anhydrous ammonia, NH_3 . Also known as "the other hydrogen", ammonia is the closest thing to a perfect transportation fuel. The anhydrous ammonia (NH_3) molecule contains 1 nitrogen and 3 hydrogen atoms.

Ammonia is an ultra-clean, energy-dense alternative liquid fuel. Along with hydrogen, ammonia is the only fuel that does not produce any greenhouse gases (GHG) on combustion.

The Aetodyne approach is to use new emerging technologies to build and sell widely distributed μ -hubs for the production of NH_3 . In particular, Aetodyne has licensed a solution to address both of these concerns using state-of-the-art technology to produce anhydrous ammonia for use as both fuel and fertilizer from air, water, and electricity. **When renewable electricity is used, the USDA has classified NH_3 as an advanced bio-fuel, made with no pollution whatsoever.**

In summary

- The Aetodyne process is completely green
- The Aetodyne process produces carbon credits
- If renewable electricity is used, is classified as an advanced bio fuel

Our strategy is to provide unique sustainable solutions to the alternative energy market in the form of anhydrous ammonia compounds and their derivatives.



Make contact with Aetodyne **TODAY...**

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Additionally, Aetodyne has published a white paper called '**A Strategic Overview: Ammonia Synthesis and Food and Energy Supply Chain Security Through Distributed Fertilizer, Fuel, and Electric Power Production**'. This white paper has received significant attention from individuals of national and international prominence.

Click [here](#) to download the white paper.

Contact us if you would like to have a speaker to present it for your organization.