



Introduction to Aetodyne

Aetodyne, LLC is well positioned in the alternative energy field offering a new, contrarian and market disruptive technology to produce NH_3 (anhydrous ammonia) that can radically 'green' up the product for a current \$10 Billion US market. Aetodyne can do this at one half the cost of the current process, without having to import (60-70% is currently imported) and without the heavy (2:1 ratio) CO_2 emissions of today's process.

The primary current use for NH_3 is as fertilizer. In fact, over 50% of the protein and 60% of the processed foods consumed in the U.S. have NH_3 in their supply chain. Given the high percentage of imports for this market, the U.S. food supply is just as vulnerable to foreign policy upsets as is our fuel supply.

Aetodyne is certain that a true means of addressing this and a number of other U.S. supply vulnerabilities lies with the manufacturing of anhydrous ammonia that is domestically produced and made with a clean technology.

**The Aetodyne process is
completely green**

**The Aetodyne process produces
carbon credits**

**If renewable electricity is used,
it is classified as an advanced
bio-energy fuel**

The Aetodyne strategy is simple: Provide unique sustainable solutions to the alternative energy market in the form of **anhydrous ammonia compounds** and their derivatives for the production of fertilizer, fuels and electrical power.

The Aetodyne process produces oxygen as a by-product and is 100% completely free of greenhouse gases.

Please direct any inquiries to

David Leis

Vice President, Business Development

david.leis@aetodyne.com

tel +1.607.368.1057

fax +1.908.765.0227

www.aetodyne.com

Aetodyne

The Energy Evolution Company



The Aetodyne Approach

NH₃ can be an ideal **Environmentally Benign Battery™** for the storage of power from intermittent renewable sources such as wind and solar.

Wind farm owners have confirmed that the proposed Aetodyne **Environmentally Benign Battery™** system would have a dramatic effect on the ROI from said installations.

The product is also ideally positioned for addressing the future alternative fuels market as it can burn in internal combustion engines and produce electricity or hydrogen in fuel cells.

Finally, anhydrous ammonia/NH₃ can be burned in internal combustion engines as a fuel either in conjunction with fossil fuels or hydrogen or can be burned by itself.

This is a major breakthrough in the quest to reduce and/or eliminate our dependence on foreign oil.



Energy independence...

- from the fuels perspective

Energy independence...

- from an electricity perspective; generation, storage and retrieval

Better control...

- over our fertilizer supply, given that we are dependent on Russia, China, and Trinidad for the bulk (>75%) of our fertilizer needs today

The Environment...

- a true reduction of CO₂

Support...

- of local economic development through distributed generation and use



The Aetodyne approach is to use new emerging technologies to build and sell widely distributed μ -hubs for the production of NH₃.

In particular, Aetodyne has 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 NH₃ as an advanced bio-fuel, made with no pollution whatsoever.

