

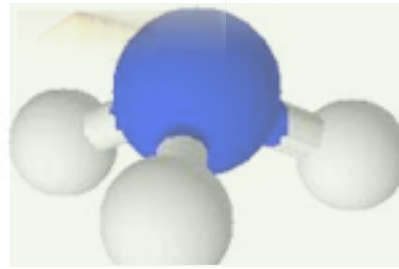
Cleaner, smarter energy for an *alternative future*



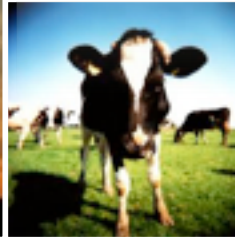
FUEL



FOOD



ELECTRICITY



DyneGroup is an alternative energy products and services company that provides the capability for **localized** and **sustainable**

FOOD | FUEL | ELECTRICAL POWER

The ability to directly address the production of these four necessities is at the heart of any international development effort

- and that is why DyneGroup innovations offer
AFFORDABLE SOLUTIONS

DyneGroup Products and Services

The current DyneGroup portfolio includes unique and innovative alternative energy technologies for the cost-effective production, storage and use of Anhydrous Ammonia (NH₃) and a world-class engineering group that produces high performance internal combustion engines and gensets that operate on a multitude of alternative fuels.

This portfolio of new technologies works closely with the additional resources, knowledge base and talents provided by key professional associates. The collaboration between DyneGroup and its Professional Associates allows DyneGroup products to integrate with other innovations and processes guaranteed to deliver the right distributed solutions - while having significant impact on local economic development efforts - with the ultimate goal of making alternative energy a viable reality in the world marketplace.

www.dynegroup.com



Aetodyne

The Energy Evolution Company

DyneGroup first identified a revolutionary green technology for making anhydrous ammonia (NH₃) for use as a fuel, fertilizer and to support electricity generation technology. This process will cut the cost to produce NH₃ by > 50%. For technology development and marketing, Aetodyne was formed.



Aetodyne

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. **The totally "green" Aetodyne process can produce NH₃ for as little as one half the price that NH₃ has been selling for over the last two years. There are no pollutants formed by the process.**

DyneGen

The Future of Engines

Next, the Group identified the need to create a 'demand side' company that would develop clean/green engines that will operate on alternative fuels, namely CNG, NH₃, and low-BTU fuels, such as hydrogen.



DYNEGEN

Dyne Group partnered with a leader in industrial stationary engines and formed **DyneGen, Inc.** to develop a family of 7.5-12.0 Liter spark-ignited, naturally aspirated, port fuel-injected, high performance engines.

DyneGen brings together new and revolutionary, market-disruptive technologies and capabilities to design and manufacture large-displacement, alternative fuel engines that lower CO₂ by as much as 100% and reduce component count and maintenance.

The **DyneGen** engine offers significant improvements in energy utilization and long-term reliability. These technologies and associated IP are a combination of patents and trade secrets of both **DyneGen** and its business partners.

Professional Associates

A Little Help from our Friends...

As the engine platform developed, it became apparent that there needed to be other cost-effective fuel solutions to power them - including the production of hydrogen as both a fuel and a storage medium.



**Energy Storage and Retrieval
Hydrogen Production
Wind and Solar Systems**

There are many facets to the creation of the ultimate Alternative Energy Solution and no one company can reasonably offer EVERYTHING. That's why we turned to our 'friends' to help us round out the picture...

Dyne Group is working with (and in some cases, partnering with) industry experts - forward-thinking technologists that are developing a variety of processes that will help to fortify our current suite of products and services, including a new design for producing inexpensive hydrogen from water.

The result? **The DyneGroup Difference...**

A unique integration of services - combinations of our own products and the technical expertise and innovations of our Professional Associates - to produce collaborative solutions - from a proposal for flare gas remediation in the Nigerian Delta, to wind / solar / hydro system design and installation across certain island communities.

Dyne Power Systems

Power To The People!

Finally, it was time to 'tie it all together'. Cost-competitive green fuels and the ability to produce engines that will operate on them led Dyne Group to create its next necessary service brand, Dyne Power Systems: cost effective integrated solutions to world-wide private power issues.



dyne
**POWER
SYSTEMS**

These custom systems can aid islands, communities and (eventually) entire small cities to be free from diesel-generator-created electricity and the Grid by installing a localized, multi-faceted, completely green process that is more flexible and responsive to fluctuating power needs.

The number of end-user requests for the development and engineering of specific integrated solutions created the need for **Dyne Power Systems**.

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