



Your New Best Friends



NewEarth® Renewable Energy Inc.

Company Brochure

www.newearth1.net

Welcome to an amazing new experience, where business, science, environmentalism and compassion for all living beings are brought together to create an enlightened approach to economic and financial prosperity. This is the NewEarth Experience, and we invite everyone to share the rewards of achieving “successful sustainability” as we develop meaningful solutions and environmentally friendly technologies to help transform our planet. With New Earth you will find that by improving the world you improve your own financial condition.

NewEarth Renewable Energy Inc. is a power forward minority and women owned Seattle based renewable energy company. Comprised of 31 environmentally conscious people, NewEarth was born from a sincere commitment of scientists, artists, engineers, business people, environmentalists, investors, inventors, ecologists, students, people from all walks of life, who have come together to create real solutions to the main issues of Global Warming and Climate Crisis.

NewEarth began in 1991 as a grassroots think tank focusing on new energy technologies and key social issues. In 2005, the members of NewEarth came together to use their knowledge from various disciplines, talents and gifts to create a company that delivers commercially viable technologies and immediately solves the most pressing issue of Global Warming. Our first product E-Coal accomplishes this task. E-Coal is a revolutionary flex fuel alternative to fossil coal to help all coal-burning power plants reduce their CO₂/GHG emissions without retrofitting, down time, loss of productivity or service to customers. E-Coal is a solid solution to the #1 cause of Global Warming — fossil coal.

At NewEarth we clearly understand the importance of immediately implementing true sustainable solutions to save our planet from irreversible climate change. Our work is to begin the healing process of our planet by focusing on the primary causes of Global Warming and to provide alternatives to these issues in the form of new technologies, revolutionary renewable fuels, sustainable energy products and programs that will solve the problems that confront humanity due to our present ways of living.

At NewEarth our intention is to share our gifts with all, help all, serve all, and work to improve the life and condition of all beings, because we would like to be everyone’s new best friends.

Products and Services

NewEarth E-Coal is Bio-Char for Energy

NewEarth ECO Clean Coal or E-Coal is a revolutionary new sustainable 100% biomass flex fuel alternative to fossil coal. E-Coal was specifically designed to help coal-burning power plants meet their mandatory emissions reductions immediately. Any coal-fired electric power station can immediately reduce its CO₂ and Greenhouse Gas (GHG) emissions by directly co-firing E-Coal with fossil coal or by totally replacing fossil coal with E-Coal without any retrofitting, loss of productivity, down time, or service to customers. E-Coal is CO₂ negative and Greenhouse Gas neutral. E-Coal is a pound for pound replacement for fossil coal because it has exactly the same energy content as fossil coal, but with no pollution side effects. E-Coal is essentially the cleanest burning fuel in the world for electric power generation. When E-Coal is burned it is smokeless and odorless and decreases any electric power generation station's total CO₂ and GHG emissions by the proportion or ratio in which it is used.

E-Coal is also an improvement over all other forms of biomass fuel such as regular wood and wood pellets. It offers the maximum potential for co-firing biomass and fossil coal together for electric power generation and is an immediate solution to the CO₂ and GHG emission challenges all coal-burning power plants face due to Global Warming and mandatory emissions reductions requirements.

NewEarth E-Oil

E-Oil is a flex fuel alternative for all petroleum based fossil fuels. It is produced during the pyrolysis phase of ECO-Torrefaction while E-Coal is being produced. E-Oil is a lower viscosity, CO₂ neutral renewable fuel. It presently has 2 applications 1) electric power generation and 2) as a liquid transportation fuel, useful for both commercial and military transportation purposes. Currently research is being conducted on E-Oil to make renewable goods that biodegrade over time to replace conventional plastic products.

There are 2 types of E-Oil that are produced from our ECO Pyro-Torrefaction process. First a dark grade bio oil and then a light grade bio oil that pumps, ignites, and burns well when atomized.



ECO Pyro-Torrefaction Technology

NewEarth is pioneering a new generation of renewable energy "sustainable technologies" beginning with ECO Pyro-Torrefaction.

NewEarth's ECO Pyro-Torrefaction plant is the world's first operating commercial scale pyro-torrefaction production facility currently with 2000 hours of successful operating time. From this one amazing technology we can produce our very timely and environmentally necessary renewable fuels, E-Coal and E-Oil. From this one amazing technology we produce our renewable fuels that have flex fuel applications for every form of fossil fuel. E-Coal can be used as a fossil coal and natural gas flex fuel alternative. E-Oil can be used as a liquid transportation fuel (commercial and military) and for electric power generation as an alternative for petroleum based products. **Both fuels are produced at the same time.**



NewEarth's ECO Pyro-Torrefaction technology symbolizes a totally new approach in the way humans respond to correcting the problems of Global Warming. It has the most efficient heat transfer system in the world and creates a totally self-sustaining production process with a zero need for external power once the ECO Pyro-Torrefaction process is in full swing. This is the most elegant and intelligent way of producing renewable energy products to power our world. Other proposed torrefaction technologies which are currently not on line and will not be available until 2010 or so, are not sustainable. They use fossil fuels to make renewable fuels, which diminishes the value of the renewable fuel. Also the torrefied wood products from the other unsustainable processes only reach low energy heating values (9750 BTUs and below), and not the high energy heating value of E-Coal (9500 to 14,500 BTUs) from the sustainable ECO Pyro-Torrefaction process.

Short Rotation Energy Crops (SREC)

NewEarth cultivates several species of feedstock to provide guaranteed supplies of renewable E-Fuels from short rotation wood energy crops, short rotation bamboo, short rotation Nile Reed, seaweed, algae, agricultural waste, animal waste, etc.

NewEarth's primary customers are major global electric power utilities. They have an immense need for E-Coal. In order to provide these global utilities with a guaranteed, reliable and abundant supply of our renewable fuels, NewEarth must control the supply of feedstock via its global network to guarantee the electric power utilities fuel supply. NewEarth has various feed stock projects around the world creating millions of carbon credits annually.

New Technologies on the Horizon

NewEarth is working in a variety of new technologies and services that will continue to solve the world's need for a reliable supply of clean energy and other sustainable products and services to help transition our world into a beautiful new earth.



Successful Sustainability

At NewEarth our #1 ethos is achieving successful sustainability. Successful sustainability as defined by NewEarth occurs when human business activity is in true balance and harmony with nature so that the businesses we develop will last indefinitely. By engaging in "sustainable development" we realize that it is also the most prudent and profitable way to conduct business. NewEarth will only engage in business activity that is helpful to all humans, animals, and nature alike. We will not harm our planet in any way or contribute to the negative effects of Global Warming. Each member of NewEarth is a caretaker of our planet. Our company motto is "Love and Respect All Life". Our company goal is "To help the world achieve total sustainability in 1 generation". This is the task or labor of love NewEarth has committed itself to achieving in our lifetime.

A few notes from NewEarth's Successful Sustainability Credo:

- We only use sustainably grown short rotation energy crops (SREC) that have been certified SREC for our biomass feed stocks or organic forms of waste. SREC's are extremely fast growing crops that regenerate when harvested. Some of our feedstock grows 12 feet per harvest and can be harvested twice a year under the right climate conditions.
- We do not compete with food crops in any way, shape or form.
- We only use degraded land to cultivate SREC, thus restoring the land to its original health and balance. We do not use land that can be used for food.
- Our ECO-Technology meets the highest levels of sustainability. For example NewEarth ECO-Torrefaction technology achieves both thermodynamic equilibrium through true zero exergy and ecological equilibrium through total balance with the environment.
- New Earth ECO-Technologies are designed and developed to provide the most useful non-polluting applications for all of humanity's renewable energy needs.



Opportunities

NewEarth has several opportunities available in many different areas from partnerships to investment. Contact us to see what opportunities are right for you and your group. At NewEarth we understand that we can achieve more quickly with the right partnerships and investors working together to accomplish the same goals.

Partnerships

NewEarth would like to invite positive partnerships with progressive companies, business groups, and people worldwide. From electric power utilities, to land owners, infrastructure owners, etc., NewEarth has a sustainable business opportunity to share with you.

NewEarth is committed to building a global network to supply our renewable energy products, services, and technologies to the world to help transition our human society to achieve complete sustainability within 1 generation. NewEarth is currently working with several key business people and organizations in various countries to fulfill this goal. For example, because NewEarth intends to create an E-Coal fuel supply between now and 2020 to replace 10% of the fossil coal use needed by global fossil coal electric power utilities to meet their mandatory emissions level reductions, NewEarth will best accomplish this task by partnering with progressive utility companies and other businesses that understand the necessity of acting now. NewEarth's goal is to produce enough E-Coal annually to replace 10% of fossil coal in the US and 5% of fossil coal worldwide by 2020.

Investments

At NewEarth, there are numerous investment opportunities available to sincere investors. We are interested in working with investors that have the same values and goals that of NewEarth. NewEarth is committed to attaining the highest financial, social, and environmental levels of excellence ever achieved, but not for show. Simply to set an example and demonstrate to all that being sustainable is the most profitable way to conduct business. One short term goal of NewEarth's management team is to secure 111 long-term supply contracts with various global power utilities to supply them with E-Coal. At 111 long-term supply contracts, NewEarth will be a Fortune 500 company (ranking around #240). During this time NewEarth intends to go public, as we are building out our company and fulfilling our long-term supply contracts.

We invite you to be a part of this wonderful environmentally conscious business venture.

Let's create a better world for everyone.

