



newearth™
renewable energy inc

NewEarth™ & China





Our Invitation

All of us at NewEarth™ Renewable Energy Inc. would like to extend our hands to China, to help provide immediate cost effective solutions to the environmental and energy challenges that face this great nation.

NewEarth would like the opportunity to share our cutting edge biomass fuels and technology with the wonderful people of China as a way to help in their effort to achieve economic success and development in a long term environmentally sustainable way.

NewEarth invites China to experience our amazing new technology and biomass fuels that will solve all of China's energy and power needs forever. Together we can create a new and brighter day for China.



We Have The Solution

NewEarth has created new revolutionary biomass fuels that will solve all of China's needs for CLEAN, CHEAP, reliable, renewable fuel for electric power energy production. All our ECO Biomass Fuels are an immediate replacement/solution for coal at all coal-burning power plants, without any retooling or retrofitting needed. Our ECO Biomass Fuels have been designed to be co-fired with coal, or can totally replace coal without any change in a coal-burning power plant's technology, operation, or production. NewEarth ECO Biomass fuels are CO₂ and Greenhouse Gas (GHG) neutral, have the same energy content as coal kilogram per kilogram, and are cheaper than the total cost of coal. NewEarth ECO Biomass Fuels are the cleanest forms of fuel in the world.



Immediate Answer to China's Energy and Pollution Problem

By using ECO Clean Coal, any coal-burning power plant can reduce immediately all its CO₂ and GHG emissions without any retrofitting, and gradually reduce all GHG emissions until that power plant becomes totally CO₂ and GHG neutral.

Also, through the created value of the carbon credits from ECO Clean Coal, ECO Clean Coal is actually cheaper than regular coal.

This added value makes it the most immediate and cost effective solution to all environmental problems. By eliminating the need for costly retrofitting and retooling, any coal-burning power plant can start today to produce abundant, reliable, clean, cheap energy for the People of China and industry.

The expensive pollution control technology like scrubbers, only take care of part of the problem sulfur dioxide, not CO₂, and much time and productivity will be lost retooling these power plants.

This revolutionary biomass fuel can be used today at any coal-burning power plant in China's existing power infrastructure. This is the simple change that will solve China's environmental and energy challenges, and help to create a cleaner healthier China.

ECO Clean Coal

ECO Clean Coal is made of 100% wood biomass. There is actually no coal in it. ECO Clean Coal is 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 coal together for electric power generation and is an immediate solution to the CO₂ and GHG emission challenges all coal-burning power plants are

facing. Through the process of our natural ECO Torrefaction and ECO Densification process the energy properties of the biomass is augmented and refined for clean-burning electric power generation. During the ECO Torrefaction process the molecular structure of the wood is transformed into a more refined fuel, similar to the energy nature of coal but without any of the undesirable environmental side effects because all pollutants have been removed. After it has been processed only the energy component remains in the wood. The natural smoke-forming volatiles have been removed and the moisture and ash content is reduced to less than 1%. Through ECO densification a higher heat value or energy content is achieved. It is then pelletized for transportation. The final product is a renewable fuel that resembles the energy component in coal. But, where as coal has many other pollutants still trapped inside of it, ECO Clean Coal has been liberated of all pollutants. Therefore, when the ECO Clean Coal is burned it is smokeless and odorless. You can burn it indoors and outdoors. There will be no smoke, only heat.

ECO Clean Coal is produced in any range of energy content/value, from 9,500 to 14,500 BTU's. NewEarth offers ECO Clean Coal in the following 4 types of coal classifications: lignite, sub bituminous, bituminous, and anthracite coal.

ECO Green Coal

ECO Green Coal is made of 100% seaweed. We cultivated fast-growing species of large seaweed that are sustainably harvested for the purpose of creating a renewable energy supply. Because sea plants can grow up to 20 times faster than land plants, NewEarth is creating an abundant supply of ocean biomass that does not compete with land for food crops, and helps bring balance to the ocean and restore our environment back to health. Also 6 times the amount of CO₂ that is released into the air is deposited into the ocean. By creating biomass from ocean plants that absorb that CO₂ NewEarth helps to manage CO₂ emissions on our planet. ECO Green Coal is ECO Processed in a similar way that ECO Clean Coal is processed.

ECO Brown Coal

ECO Brown Coal is a 100% wood biomass replacement for brown or lignite coal. It has the same amount of BTU/ mega joules per kilogram as dirty coal. It can be used immediately at any coal-burning power plant without any retrofitting and retooling. ECO Brown Coal is ECO Processed in a similar way that ECO Clean Coal is processed.

ECO Red Coal

ECO Red Coal is made by collecting the harmful red algae from the ocean that threatens the health of humans and our environment. By collecting this red algae and putting it through our ECO Biomass Energy Process, we can transform this harmful algae into a clean and useful biomass fuel for electric power energy production. ECO Red Coal is ECO Processed in a similar way that ECO Clean Coal is processed.



NewEarth ECO Biomass Fuels... a way to manage and store carbon indefinitely.

Biomass Fuel as a Form of Waste Management

NewEarth ECO Clean Coal can also be made from a variety of organic materials such as, but not limited to, agricultural waste, organic refuse, and animal waste. Processing these



forms of waste into a clean renewable biomass fuel minimizes the impact of waste on a society by turning

unwanted material into a useful sustainable energy product. Through this form of useful waste management we can produce millions and millions of tons of renewable biomass fuel each year and reduce pollution in a country by 40%.

Version Upgrade

NewEarth Eco Clean Coal is simply a version upgrade that can easily be used at all existing coal-burning power plants with out any costly retrofitting or other expenses. It will totally eliminate the coal pollution problem while maintaining current energy production levels and increasing the health and welfare of the Chinese people, China's neighboring countries and the world. ECO Clean Coal is a solution that can be put to use TODAY!

The Benefits of NewEarth ECO Clean Coal

NewEarth ECO Clean Coal:

- Is CHEAPER, CLEANER and SAFER than the TOTAL COST of COAL and all fossil fuels.
- Is CO₂ and all Greenhouse Gas Neutral.
- Is the most cost effective solution for all coal-burning power plants because total GHG emissions can be reduced without any retrofitting.
- Can be directly stored, processed, and co-fired with coal to cut operational cost.
- Is the most compatible biomass fuel to burn with coal.
- Contains all the energy but half the total price of coal (from 9,500-14,500 BTU's).

- Is made from 100% certified energy crops that we grow. Our crops consist of short rotation coppice wood crops. We do not destroy old growth forests or compete with food crops.
- Is the best fuel to co-fire with coal for maximum results, and can be co-fired in any ratio.
- Can replace all coal consumption to transform any former coal-burning power plant into a total CO₂ and GHG emissions neutral power generation station.
- Will earn any company massive carbon credits.
- Is the cleanest burning biomass fuel in the world. It is smokeless and odorless.
- Is moisture resistant, will not reabsorb moisture and is less than 1% moisture and ash.
- Eliminates the need for expensive scrubbers (flue gas desulfurization units) and all pollution control technology for total biomass fuel projects.
- **Solves any company's environmental challenges.**
- Is a reliable, cheap and abundant renewable fuel supply. We can provide a company with any supply quantity/ amount.
- Is patent pending.
- Can replace expensive GHG polluting natural gas at natural gas burning power plants worldwide through gasification technology.
- Is the highest quality uniformed standardized biomass fuel product.
- Is the only CO₂ and GHG neutral fuel for base load power generation.
- Complies with all international environmental government regulations (new, old, and pending) and the Kyoto Protocols.



A Better Understanding

What are the real causes of China's current environmental problems? To really understand this better we must look at the situation holistically.

When we do, we will see that the roots of this problem starts with the West.

The West has contributed greatly to China's pollution problem, by contracting with various companies in China to produce cheaply the products and goods that the West wants and needs to maintain its luxurious lifestyles. Because the West wants these goods produced cheaply, the capital was not made available to improve the infrastructure, but

only to manufacture goods at the lowest contract price that western companies could negotiate. Therefore it is also the West's responsibility to help provide solution's to these pollution problems that are a direct result of western consumption, which affect the entire planet.

Statistics show that at least 80% of all the energy produced from coal-burning power plants are for industrial use, not for residential use. The demand for energy goes toward industry. The manufacturing of cheap goods needs a cheap energy supply, this is what makes coal so attractive. This means that most of the pollution is a direct result of the increase in demand from the West for China to produce its consumer goods cheaply.

The pollution from China can be seen from outer space. In thick gray clouds that drift over its neighbor's like Japan, North and South Korea, moves across the Pacific Ocean and its debris lands in California, Oregon and Washington. It is estimated that 10 to 15% of California's and the west coast's air pollution is actually from China. The tiny particles

produced from the burning of coal covers everything and creates environmental problems for China's neighbors and the U.S. Because China burns more coal than the U.S. Europe, and Japan combined, China is more dependent on coal for its power production than any other nation in the world. In 2007 China surpassed the U.S. in its production of Greenhouse Gases (GHG). China is now the leading contributor of acid rain in the world.

But all this can be immediately changed with just one simple solution.

Sustainable Partnership Development with China

NewEarth would like to begin by offering our ECO Clean Coal to China to help reduce and eliminate the CO₂ and Greenhouse Gas emissions that are produced at all coal-burning power plants in China. As the Olympic Games in Beijing draw near, NewEarth Eco Clean Coal could provide a solution to the air pollution problems that are predicted to disturb this worldwide event. ECO Clean Coal will reduce the GHG emissions by the amount/ratio in which it is used. For instance, to become totally CO₂ and GHG neutral, a coal-burning power plant would need to use 100% ECO Clean Coal. To reduce GHG emissions by 20% a combination of 20% ECO Clean Coal with 80% coal should be used.

Through this powerful partnership, together we will create sustainable solutions that will reduce China's GHG emissions by 20-25% in 5 years or less, and will make China CO₂ and GHG neutral in 10 years or less.



Project: China Renewable Fuel Consortium

NewEarth proposes a joint partnership with the People's Republic of China (PRC) and private Chinese investors, to create ECO Clean Coal Energy Projects and technology throughout China.

Through this partnership NewEarth in conjunction with PRC and the private sector, will create sustainable renewable biomass fuel projects at various key supply locations in China to meet the need for clean, cheap, reliable fuel for electric power generation. The ECO Clean Coal Biomass supply depots will be located near major power plants, providing easy access to a ready supply of clean sustainable fuel. The ECO Clean Coal can then be distribute to all coal and natural gas power plants nationwide. A council for biomass allocation can be created that will set prices and regulate policies to help distribute this cost effective renewable fuel evenly throughout China.

The benefits of the project will be:

- Immediately begins to solve China's environmental and energy problems.
- Helps to reduce GHG emissions and improve the air quality around the Olympic Games in Beijing.
- Creates many new jobs in China in the renewable energy industry.
- Fosters stable social climate and reduces environmental protests.
- Helps put many farmers back to work.
- Saves billions of dollars in pollution control equipment retooling and retrofitting.
- Helps maintain stable growth and development for long term economic prosperity.
- Improves overall health of China's population.
- Improves China's public image.



NO Need for Scrubbers or Other Pollution Control Equipment

Because all the pollutants have been removed from ECO Clean Coal, there is no need for pollution control equipment like flue gas desulfurization units, or scrubbers. That means that China can immediately begin to eliminate its SO₂ emissions that cause acid rain, and respiratory health problems for its citizens. No further technology is needed to produce clean energy. This is a savings of hundreds of billions of dollars because scrubbers units, their operating materials, the energy needed to operate them, and the labor needed to build and operate these machines are at a minimum of \$200 millions dollars to build and operate for the first 5 year period. In addition, it takes a minimum of 2 1/2 years to build one scrubber unit.



Price

Through this joint partnership, NewEarth will create an arrangement where the carbon credits from the ECO Clean Coal will pay for the cost of the fuel. In a strong carbon market, the cost of the fuel will be less than the price of coal.

By partnering with NewEarth we can create a sustainable solution that will make ECO Clean Coal half the price that coal currently cost.

Use Carbon Credits to Fund The Projects

In order to achieve a very low fuel cost, all ECO Clean Coal Biomass Fuel projects must meet the highest level of renewable energy standard and certification because the price of the carbon credits are based on the level of quality of their sustainability certification.

For every ton of coal that is burned, 3.1 to 3.6 tons of CO₂ are released, in addition with other GHG emissions.

For every ton of coal that is replaced by one ton of ECO Clean Coal, a minimum of 4 carbon credits can be created. One (1) carbon credit will be created from the short rotation energy crop cultivation project. Three (3) carbon credits will be created from the 3 tons of CO₂ that are kept from being released into the atmosphere. Four (4) high value carbon credits can only be achieved under the highest standards of sustainable project development.

Through this program, hundreds of millions of carbon credits and other offsets will be generated. These carbon credits will be exchanged to minimize the cost of the renewable biomass fuel to half the price of coal.

Olympic Games

All eyes of the world will be on China this Summer for the 2008 Olympic Games. While this is a major honor for the country that is hosting it, it is also a major responsibility. The safety and health of all the people visiting China is a matter of the highest importance. To the level of which China can ensure that tourists will come and return home safely is how China will be judged by the rest of the world.



Rumor has it that all the power plants surrounding Beijing will be turned off just weeks before the Olympics begin, to try to clear the air of the pollution for the guests and athletes that will visit for this 2-week event. This will cause even more problems from a

shortage of power, to possible grid system imbalance. **A lack of power can create serious security problems**, all at a time when the whole world is watching. This can all be avoided with ECO Clean Coal. There is no need to turn off the power plants, and the skies in the surrounding area can be cleared of all direct pollution, while at the same time maintaining the steady flow of power in a clean sustainable way. Many people are saying that a miracle is needed to clear the air around Beijing just in time for the Olympics. NewEarth ECO Clean Coal is that miracle. Show the world that China is truly ready!

Power Plants



There are hundreds of existing coal burning power plants located throughout China with plans to build at least 500 more. It is estimated that every 10 days or less a new coal burning power plant opens. At this pace no less than 2000 coal-burning power plants currently exist or will exist soon in China. 650 gigawatts or more is the currently capacity of electric power in China with 80% from coal burning power plants.

With this many coal burning power plants it would cost hundreds of billions of dollars to retrofit them all to meet the GHG emissions reductions that China has set for itself by 2015 to 2020.

Also many mines ship the dirtiest coal to power plants with no common standards for coal. With ECO Clean Coal this problem will never occur. ECO Clean Coal is always made to a uniformed standard premium quality that has a consistent energy value/content which is GHG neutral and pollution free.

ECO Clean Coal is the most cost effect and guaranteed way to reduce the total GHG emissions at any power plant without making any investment in new pollution control

equipment. It can also help China to one day become carbon neutral. This would be a great achievement for China if China could reach this goal before the rest of the world.

This can easily be achieved with just one simple change from coal to ECO Clean Coal.

How Pollution Affects the Health and Prosperity of China

Environmental problems get bigger and the more expensive to fix the longer they are left unsolved. China's great economic growth can not continue at such a pace if its environment and the health of its people are in danger. Pollution is an economic burden and a serious threat to future economic prosperity.

Because of pollution severe water shortages are turning farmland into deserts. Northern China could become the world's largest desert if the pollution problem is not addressed now.



The ECO Clean Coal Biomass Fuel Projects will address each

area of the existing pollution problems that China currently faces. Through these projects the national water conditions will be greatly improved and land that is turning into desert will be transformed back into fertile crop producing land. Our ECO Clean Coal Biomass Fuel Projects will stop the advancement of the desertization of China's farmland and restore balance to China's eco system.



Home Use

Many Chinese residents burn coal inside their homes for cooking, heating, food drying and for fuel. This creates a major health problem for Chinese people. The problem



is fluoride poisoning. When coal is burned indoors, tiny airborne particles contaminate the food that they eat.

Through these particles the pollutants in coal are absorbed in the food. 97% of all fluoride poisoning is from the ingestion of contaminated food. This is a serious impact on human health. The wealth of a nation is in its people young and old. Everyone's health must be protected. Burning coal indoors is toxic and poisonous, causing severe illness and even death.

ECO Clean Coal can be used for cooking, heating, and drying, indoors and outdoors. Because it is organic and all natural there is no risk to anyone's health and safety. When it is burned indoors, there is no smoke, no odor, no airborne contaminants, just clean burning heat for any family's needs.

Job Creation and Farmers

Through these NewEarth Biomass Fuel projects we will create 1.5 million new jobs in China. These jobs will consist of



training a skilled work force in the field of sustainable energy technology to sustainable farming and agriculture. We will train large groups of people how to operate the latest new cutting edge technology to further strengthen economic growth in China.

In addition, NewEarth will further help to stimulate the

Chinese economy by helping to get farmers back to work and improve the environmental conditions of the land through sustainable land and water restoration. Sustainable land and water restoration are the fundamental building blocks of ECO Clean Coal biomass projects.

Metal Industry



Because of its high heating value, ECO Clean Coal can be used at metal factories and replace anthracite coal for clean sustainable metal production. ECO Clean Coal can be produced to a 14,500 BTU levels biomass fuel. This is a very significant achievement because traditional forms of biomass fuel do not reach these high heat

BTU levels. Environmentally, the metal industry produces a great quantity of GHG emissions. These GHG emissions can now be eliminated with ECO Clean Coal.

Continue Strong Economic Growth Through Sustainability

It has been proven by many European countries that are moving to a more sustainable way of life, that sustainability increases productivity in two ways, 1) it restores the natural environment, and



2) it makes people healthier. Sustainability increases both the environment's capacity to produce more resources, and increase peoples ability to work more, because they are happier and healthier.

A World Bank study estimates that China loses about \$170

billion per year due to its reduced productivity and health care cost from pollution, while China's State Environmental Protection Administration estimated in 2006 that it was actually \$200 billion per year and rising.

Also pollution problems are a major cause of social unrest

in China, this also affects China's level of economic growth and productivity.

NewEarth would like to help the people of China continue to development and modernize and reach even greater levels of economic growth through clean power from ECO Clean Coal. NewEarth would like to help power China's development with its existing power infrastructure in the most sustainable pollution free way. This will be good for China's economy, good for the health of the Chinese People, and good for the world.

China can achieve sustainability without its citizens having to shoulder the high cost of new expensive technologies that burden people with debt from long time investments. China will receive an immediate payback, decrease it dependency on heavy polluting dirty coal, create jobs, and continue to reach record levels of production and industrial growth.

With this simple change China can protect its consumers from inflation, because there will be a surge in energy prices from the increase in cost that would come by investing in retrofitting technology. An estimated minimum increase of 15% is what Chinese consumers would pay for the price of energy for retrofitting cost at the coal burning power plants and would trigger inflation through out China.

A true standard of economic growth has emerged in the world. It is called the triple bottom line; it states that no company or country is truly profitable or successful until it is successful financially, socially, and environmentally.



When Can We Begin?

Immediately! With less than 200 days before the start of the Olympic Games, we must move immediately to put these very timely solutions in place so that the world will truly see that China is ready. We can begin today to implement these solutions and help China achieve sustainability within one generation, 10 years or less. Let's start today!

A New Day The New Chinese Lifestyle



Having a healthy clean environment means China will have economic prosperity for many years to come. This is the only way to maintain China's long-term economic development. If all of China's natural resources are depleted or destroyed in the short term march to modernization, then China will become dependent on resources from other nations in the future.

All countries must cultivate and preserve their natural resources to guarantee their economic independence and greatness. It is with this wisdom that NewEarth shares this understanding with China.

China can achieve all the economic and environmental goals that it has set for itself through NewEarth ECO Clean Coal Projects.

Through this partnership China will:

1. Have a clean source of renewable energy.
2. Clean up the physical environment.
3. Improve its air quality and reduce the hazardous particles from burning coal.
4. Improve the condition of the soil, restore farmland and stop the expansion of the desert by bringing moisture back to the soil.
5. Improve overall water conditions by reducing pollution.
6. Reduce and eliminate CO2 and GHG emissions.
7. Help China meet its GHG reduction level targets.
8. Increase productivity and economic prosperity.
9. Receive new technology.
10. Build a healthier nation.

The children are the future, if the children are healthy, happy and educated, China's growth and economic development will be secure. By giving the people the healthy clean environment that they need, they will take care of each other better, love and respect each other more, and work to build a new and brighter day for China.



1-206-446-4731 • www.newearth1.net

Seattle | Berkeley | Los Angeles | Washington D.C. | London | Vancouver B.C.