

### **How does it work?**

Large amounts of hydrogen is produced using an electro-hydraulic shock applied to plates of aluminum submerged in water. The electrohydraulic shock continuously removes the oxide film which forms on the surface of aluminum plates. The electro-hydraulic shock burns at a temperature hotter than the surface of the sun and creates an immense pressure of over 100,000 atmospheres. This takes place at a micro level. This shock is applied to the plates of aluminum to continuously destroy the oxide film, allowing for a set of 16 different physical and chemical processes to take place. This simultaneously decomposes the water molecules and eats away at the aluminum plates, releasing the hydrogen. The hydrogen generator runs at temperatures no hotter than 150 degrees Fahrenheit and is completely safe.

### **Is it safe?**

The hydrogen generator runs at temperatures no hotter than 150 degrees Fahrenheit and is completely safe. The physical and chemical processes are completely safe. The electricity used is about the same amount as is used in a light bulb. The generator can be turned on and off in seconds.

### **What will I gain?**

The generator produces hydrogen at a very cheap cost. 50 cents to \$1 per kilogram of hydrogen. 1kilogram of H<sub>2</sub> is equals 1 gallon of gas equivalent. This means a car can travel 60 miles for \$1. Hydrogen gas stations means the hydrogen fuel will be cheaper than gasoline or diesel. Same with electricity production. Electricity can be produced cheaper in many places using the generator. You will save money and have energy independence.

This technology will make our planet cleaner. You will actually save people's lives by using this technology.

### **Is it clean?**

Very clean. Hydrogen turns to water when burned. The technology is clean and the hydrogen releases zero greenhouse gases. Fossil fuel kills millions of people annually, pollute air and water and cause climate change. The more the generator is used the cleaner the air and the water will be.

You will have the power to eradicate pollution. So many green organizations tried to combat the pollution problem. This technology allows individuals make the green movement really work.

### **What are the inputs?**

The key inputs are aluminum and water: these inputs drive the generator and also the 16 physical and chemical processes. There is a small amount of a chemical catalyst. The electricity needed is 50 watts to 150 watts (per hour).

**Where do the inputs come from?**

The generator uses tap water. The 50 to 150 watts of electricity can come from a small solar panel, a mini wind turbine, a wall socket or a self-charging battery similar to those used in cars. The aluminum and chemical catalyst can be changed every few days to every few months. This depends on the size of the generator. A generator used to power a house would need an aluminum change about every two months while a generator used in car would need aluminum change every 600 miles. The change can be done either by the user or a technician.

**What happens to the Aluminum?**

Used Aluminum can be recycled. This will further reduce the operating cost.

**Where can I use the generator?**

The generator is a source of fuel. It can be used at the location electricity or fuel is needed. It can be put on a car, bus, truck, ship, boat or train or any other transport. It can also be used in a backyard of a house, on a farm, a roof of a building, practically anywhere electricity is needed.

**How can it be applied to make electricity or fuel?**

The generator would power an engine, a turbine, a boiler, or a fuel cell (a technology which converts hydrogen to electricity without combustion)

**When will the generator be up for sale?**

The generator can be mass produced as soon as tomorrow. We believe the generator will be available on the market in about 1 year.

**How will you get this technology to a consumer?**

We plan to license the technology to a large corporation. Large corporations have existing channels of distribution, established manufacturing facilities world-wide and financing options. Large corporations have technologies that run on hydrogen. Honda, for instance, manufactures micro-CHP units (mini electricity and water heating generators) to power homes, Toyota produces Mirai and these technologies need a source of fuel. Our generators are a source of clean fuel that can be easily combined with an existing "engine" to produce power where this power is needed.

We received interest from several large companies and we look forward to put a distribution deal soon.

**How much will it cost?**

The generators solutions will be much cheaper than solar panels and the payback period would come much shorter. The generator use simple materials and are very easy to build: metal sheets, metal plates and some wiring and some electrical components. Materials used are cheap, its the patented methodology that we invented is the incredible part.

**Sounds great, where can I buy it?**

We prefer to license the generators to companies for use in homes for electricity production and for use in cars. Once mass produced, you would be able to buy it from distribution channels which sell home appliances. For use in cars you would be able to buy the hydrogen cars that use the generator or buy a hydrogen car and fill it up at gas stations which use the generators to produce the affordable hydrogen.

**I love what you are doing; can I invest into your company?**

Yes. Please write us if you would like to invest. We are open to investment as long as you are an accredited investor. Our founder sold two of his houses to finance this project and our team worked for free for five years. We did this because we believe in making a world a cleaner place.

**I love what you are doing; can I donate?**

Yes. Our supporters donated over \$50 thousand to the development of this technology. Our founder sold two of his houses to finance this project and our team worked for free for five years. Your support will be highly appreciated. Donations will help us with our marketing efforts. Please write us or sign up on our website.

**I am very interested; can I pre-order the generator?**

Yes. We will implement a program for anyone to pre-order or be the first to use the technology. We are working to provide exclusive and significant discounts on our technology for the first interested users. Please sign up on our website to receive further information on this.