## Free Energy is an Absolute Imperative for the Future of the Earth and Humanity

By Dr. Brian O'Leary
Prevent Disease
Waking Times May 28, 2012

The global ecological crisis demands radical changes in the way in which we use energy. Traditional renewable approaches such as solar, wind and biomass are attractive but can be capital and materials intensive, diffuse and intermittent. My own research and travel reveals an increasingly large number of experiments suggesting that we might be able to obtain clean and abundant energy from the vacuum or from low energy nuclear reactions (cold fusion).

But these results fly in the face of conventional physics. "The resistance to a new idea", Bertrand Russell said, "increases as the square of its importance". Through the ages, perhaps no idea is more important or more maligned than that of perpetual motion or free energy. Inventors rarely lead easy lives, but those dedicated to the quest for free energy have met with especially great resistance. We look at the sagas of Nikola Tesla, T. Henry Moray, Bruce de Palma and Stefan Marinov as examples spanning this past century.

This quest began far earlier, as revealed in this fascinating biography by *John Collins*. The time is the second decade of the eighteenth century and the place is *Germany*. Here *Johannes Bessler*, alias *Orffyreus*, built and demonstrated large wheels which he claimed could turn indefinitely. In one dramatic demonstration, a *Bessler* wheel was documented to have run continuously for four weeks.

Collins correctly points out that the concept of perpetual motion has its semantic difficulties that can cause a premature dismissal from some critics. The relevant question to ask is, can we obtain energy from a mechanical free running device by the ingenious placement of weights with respect to the centre of gravity of the wheel to make it turn continuously? Collins believes this was Bessler's secret, analogous to a windmill turning continuously in a constant wind. Regrettably he offers no definitive or quantitative analysis of how that mechanism might have worked successfully.

Most modern free energy research goes well beyond the mechanical paradigm of *Bessler's* time. Some are electromagnetic devices following *Michael Faraday's* discovery in the 1830s that magnets placed on a wheel, when spun up to a threshold speed, can produce anomalous electricity that might lead to a continuous energy source, like a paddle wheel in running water.

During the 1990s, I visited the laboratories of over a dozen inventors worldwide of electromagnetic devices that appeared to produce more energy than went into them, as measured by traditional means. What we are seeing is energy coming from the vacuum of space, sometimes called zero-point energy, because it still exists at temperatures of absolute zero. I've seen many of these proof-of-concept demonstrations for myself. I wrote up the results of this journey in my 1996 book Miracle in the Void. Since then, many more books, scientific papers, articles, organizations and websites describe the prospects of new energy technologies that could reverse a permanent state of war and the gloomy spectre of irreversible climate change, the drastic pollution of our air, water and land, and the seizure of dwindling nonrenewable resources such as oil, coal, natural

gas, uranium, forests, water, food, soil, minerals, wetlands, coral reefs, pristine diverse natural habitats and indigenous cultures.

Many of us with a scientific background have also investigated revolutionary concepts such as cold fusion with palladium cathodes (nonradioactive, room temperature nuclear reactions), sonoluminescence (acoustic cavitation, a cold fusion method), and special hydrogen and water chemistries, all of which are almost certainly producing significant clean excess thermal energy in the presence of catalysts. We have come to the conclusion, based on sound experimental science, that we could soon have a breakthrough energy economy, if we only allow these courageous researchers to move the technologies beyond their own laboratories. Unfortunately, that has not happened yet. The global controllers' suppression of making available any practical device has been 100% airtight, in spite of numerous attempts to break through. Covert assassinations, threats, thefts, draconian laws prohibiting the patenting of such devices and lack of funding have all thwarted development.

This war perpetrated by elite corporations and the U.S. and other rich oligarchies against humanity and nature has only escalated over the past few years. The unfolding of these crimes provides a stark contrast to how things could be in a better world. We need nothing less than profound systemic change in our political, economic and social systems in order to have clean energy, and that must happen sooner than is comfortable for most of us. But our discomfort and disease coming from an imperiled biosphere would be far worse. We need a revolution, a peaceful transformation. Its centerpiece should be a clean energy solution revolution that could restore <u>sustainability</u> and sensibility to the world.

The <u>Energy Solution Revolution</u> is an urgent call for an energy revolution that would give us a quantum leap in environmental friendliness. Some parts are an updated compilation of essays written over the past several years that explore the prospects and implications of a future world of radically clean, cheap and decentralized energy. Does this possibility really exist or is it a scientific mirage? If it does exist, why has it been so suppressed for over a century since *Nikola Tesla* and others were inventing these things? Why do mainstream scientists, progressives and environmentalists totally ignore this possibility, even though it might save us all? What can we do to avoid the abuse or overuse of these technologies? Most importantly, how can we implement free energy when so very few of us are listening? We explore these questions in this book. It is a wake-up-call to transform planetary culture from one dominated by capitalistic self-interest, pointless wars, ecocide and dirty energy, into one where the bulk of humanity can at last come together with compassion for all creation—before it's too late.

Problems and solutions to our energy problems are not technical. They are human. The evidence for new, breakthrough, "over-unity" energy is overwhelming, but we must realize that we are in the research phase of a research and development cycle, that we are on the toe of the profit curve that almost no venture capitalist yet wants to touch, and that so far, the inventors have been divided and conquered by the unmitigated greed of the existing energy lobby.

History teaches us that new energy research is both elusive and heretical, yet intriguing enough to be taken seriously.

Our challenges are therefore social, economic and political. We will see that, like thrashing dragons wanting to get one more drop of blood, we crave hydrocarbon and nuclear fuel in deference to those who wish to profit from our continuing use of dirty energy and who are

doing everything they can to stop solution energy from seeing the light of day. We shall see that the pervasive use of carbon trading, biofuels, alternative hydrocarbons such as the tar sands of *Alberta* and oil shale of *Utah*, carbon sequestration at coal mines, the hydrogen economy, nuclear power, hybrid cars, air cars - even solar and wind - can only distract us from what we really need to do in the long run. We shall see that these "solutions" are just smoke and mirrors in the well-publicized energy sideshow. As journalist *George Monbiot* put it, the first way to keep from environmental and climate disaster would be to keep carbon (and uranium) in the ground. But then what?

Policymakers and an ignorant public are thwarting authentically clean energy at every turn, either by commission or by omission. As a sociological problem, the need for truly clean energy is perhaps the most urgent one our culture has ever faced. The Energy Solution Revolution looks into these dynamics of overcoming our denials and vested interests as we progress through this book. Given that both policymakers and the public commons have difficulty supporting solar and wind power, multiply that suppressive force by millions when it comes to the viability of new energy technologies to save the planet from almost sure disaster.

Almost every "expert" who presents the "renewable" alternatives limits his/her discussion to the known sources such as solar and wind, which are not really all that renewable. The public is deceived into thinking those are all there are or ever will be. The free energy possibilities are simply discarded at our risk and peril.

My journalist-colleague *Keith Lampe* has well expressed a scenario for our future energy choices. He suggests that existing "renewable" technologies such as solar and wind be implemented as first-generation energy, while we develop forthwith second-generation energy such as zero-point, cold fusion and advanced hydrogen technologies. Both options, he feels, need equal time, whether it's in Congressional hearings or in public discourse. Looked at in this light, we can evolve an energy policy that makes sense, and could give us a much better chance to reverse climate change before it's too late.

I agree with Lampe's assessment, which was also the principal conclusion of my own studies, as expressed in my previous book Re-Inheriting the Earth (2003). It seems that, even for those skeptical about whether or not these advanced energy technologies are real, is it not wise to adopt the precautionary principle that we leave no stone unturned to uncover those energy sources which could really solve our paralysis of paradigm and save humanity and nature from almost certain destruction? We cannot afford to do less.

But we must also ensure that the technologies are regulated by responsible government and are never put to weapons use or overuse. That's why social change must go along with introducing any radical new technology such as this one.

Each revolutionary new energy technology discussed in the book represents a potential quantum leap in our ability to have clean and cheap energy. In every case, using these sources can give all of humanity an authentically lasting new paradigm in our energy policies and practices, at first involving disruptive and seemingly magical concepts. They give us an opportunity to transcend humanity's rampage on nature and give us a reasonable chance to have a truly peaceful, just and sustainable future on Earth—if we can take action soon and wisely.

We can research and vet all the energy options we want and we can even try to do this job honestly, but none of this will matter unless we can effect political action at many levels. We're going to need to know the truth and find ways of acting on it constructively. We must search for a public context to introduce solution energy for all.

In my opinion, the prospects of free energy depend entirely on the success of an *altruistic democracy* that is longing to be born.

Interview with Brian O'Leary

Energy Solution Revolution - Part 1

Interview with Brian O'Leary

Energy Solution Revolution - Part 2

**Dr. Brian O'Leary** (January 27, 1940 – July 28, 2011) is an author, pioneering physicist and former NASA astronaut. He has published ten international books on the frontiers of science, space, energy and culture. With his artist-wife *Meredith*, they founded *Montesueños*, a retreat center and botanical garden in the *Ecuadorian Andes* dedicated to finding deep peaceful and sustainable solutions to humankind's war on nature and to implement these at local, regional and global levels of action. Please visit *Dr. O'Leary's* websites at www.montesuenos.org and www.brianoleary.info for more details.

## توضيح:

این مقاله که به خوبی گویای اندیشه های بشردوستانهٔ نویسندهٔ آن است ساختاری کاملاً استوار، همآهنگ و تعریف شده دارد. اگرچه رویکرد آن صرفاً تجربه گرایانه و مبتنی بر نتایج بعضی از آزمایشها است، با وجود این می توان آنرا تأیید دیگری بر درستی "نظریهٔ همه چیز" تلقی نمود که تارهترین دستآورد آن در هفتم فروردین ماه ۱۳۹۵ در مقاله ای زیر عنوان "اثبات وجود ایر با به کارگیری نظریهٔ همه چیز" مطرح شده است، و آن پیوندی مستقیم با انرژیِ خلاء (vacuum energy) یا همان انرژیِ آزاد (free energy) دارد. مقالهٔ مزبور در تاریخ سیاُم مارس ۲۰۱۳ نیز در سایت است.

(بیستم تیر ماه ۱۳۹۵) (July 10, 2016)