

An Astonishing, Inexpensive, Energy Revolution!

Always listen to the experts. They will tell you what can't be done and why. Then just do it. Albert Einstein

There is no vaccine for climate change. Revolutionary, improbable, technologies, such as self-powered generators, are perhaps as close as we can come to producing one in the world of energy technology.

Little known, hard to believe, science has opened surprising paths to 24/7/365 breakthrough technologies. They are much less complex & costly than intermittent solar and wind. They will eliminate the cost of fuels and open a new source of income to vehicle owners. Environmentally benign, worldwide production promises to generate many millions of well-paid new jobs



This newly patented self-powered generator has no moving parts. Two parallel inventions exist and others with a moving component. This one contains a core wrapped with a coil to provide oscillations which generate electricity. All are scalable, inherently cost-competitive, and can provide continuous power.

More than 100 years ago Nikola Tesla stated that his ultra-sensitive receiver could pick-up, store, and amplify natural electrical vibrations. It would work night and day in any weather. Containing not a single moving part, it would have the unnerving appearance of just “sitting there” and producing electricity.

Tesla wrote: “In this present world ...a revolutionary idea or invention is hampered in its adolescence – by want of means, by selfish interests, pedantry, stupidity and ignorance. It is attacked and stifled, and passes through bitter trials and tribulations. ... All that was great in the past was ridiculed, condemned, combated, suppressed, only to emerge all the more powerfully, triumphantly from the struggle.”

Self-powered generators supersede any need for fuel. A 24/7 development program can rapidly replace current power sources. One inventor projects a 5 kW, 12” tall, 8” diameter 24/7/365 example that could replace solar panels. Larger units in electric cars, trucks, trains, boats and aircraft will provide unlimited range – no need to recharge. Suitably parked vehicles will earn income selling electricity. Pollution free: They can speed replacement of coal, natural gas & nuclear power plants. For more information see MOVING BEYOND OIL. For an introduction to the background science: See THE PANDORA PARADOX under MORE.

Raising \$10,000 to prototype a modern version of the Hubbard self-powered generator described under MOVING BEYOND OIL. Send funds free via google pay to mark@aesopenenergy.com Phone: 707 861-9070

“If ...new energy technologies were to be set free world-wide, the change would be profound; it would affect everybody: It would be applicable everywhere. These technologies are absolutely the most important thing that has happened in the history of the world.” Brian O’Leary, Ph.D.



LOOK BEYOND GOOGLE where AESOP & I are libeled in numerous vicious posts by a cowardly anonymous troll touting himself as a Physics Review Board. Banned on several websites, his extensive rants on the web are designed to discredit our promising, hard to believe, but very real, work with a few facts, numerous lies, distortions, abundant ignorance and arrogance. Similar trolls can receive a 2 year jail term in the UK. See THE FAKE "Physics Review Board" also my Bio, under MORE on this website. Mark Goldes



Mike Water's VISION VTOL Aircraft – to demonstrate new transport.

The Vision VTOL is designed specifically for the imminent evolution of energy and battery breakthroughs. The simplicity of electric quadcopters enables a huge advantage over current aviation in safety, cost, reliability and scalability. The FreeLTech "charge cluster in vacuum" battery is expected to have 100 times Lithium Ion current density and excellent storage life expectancy. Autonomous generators will allow unlimited range at high speed and could make electric aviation the most practical form of transportation.



A next generation aircraft scalable from UAV to large transport
Vertical takeoff and landing; Stable; Fast, Highly reliable, Unlimited range, Electric.

Super Stirling engines have been designed to change heat into electricity with efficiency designed to exceed Carnot. Potentially excellent for autonomous heat generators and possible LENR applications.

ENERGY STORAGE REVOLUTION. Forget chemistry! Charge clusters in vacuum will have 100x the energy density of Lithium Ion batteries. Somewhat later, Superconducting Magnetic Energy Storage Systems.

ROOM TEMPERATURE SUPERCONDUCTORS – Near future potential products: Autonomous generators, using our little known polymer superconductor, will both power and cool electronics. Utilizing the graphene room temperature superconductor a small kit will demonstrate energy storage potential.

Hydrogen can be created at the point of use with autonomous generators. For example: Electrolysis on board for vehicle propulsion. On-site replacement of natural gas for space & water heating.

Autonomous fuel free turbines have been developed. See FUEL FREE TURBINES.

"I know that most men, including those at ease with problems of the greatest complexity, can seldom accept even the simplest and most obvious truth if it besuch as would oblige them to admit the falsity of conclusions they reached perhaps with great difficulty, conclusions which they have delighted in explaining to colleagues, which they have proudly taught to others, and which they have woven, thread by thread, into the fabric of their lives." *Tolstoy*

Imagine the lives lost to the pursuit of oil, the trillions of dollars wasted, the broader economic prosperity, and the air pollution and Climate Change that could have been avoided. See THE PANDORA PARADOX, MOVING BEYOND OIL and FUEL FREE TURBINES on this site. *Mark Goldes*

Hard-to-believe, but very real, breakthroughs, have the needed potential to revolutionize every aspect of human experience. Ultimately humanity will supersede all current energy sources: coal, petroleum, natural gas, nuclear, hydro, geothermal, wind and solar photovoltaic. New science will transform all energy...power plants, transportation, heating, cooling, and provide surprising new ways to rapidly recharge cell phones, computers and electric cars.

The implications are mind numbing - pollution free cars, trucks, ships and aircraft with unlimited range.

We are developing new prototypes - to demonstrate the hard-to-believe reality of these seemingly impossible achievements. Generators that need no fuel will operate 24/7/365, providing uninterrupted power for homes, any type of building - and installations of every variety. Demonstration prototypes will launch examples of increasing size: For emergency gen-sets - and every application – ultimately including power for aircraft and the largest ships.

IT'S NOT TOO LATE! As with the Corona virus, the impact & loss of life from the climate crisis is happening now. We can and must do a great deal better. The breakthroughs described on this website can make a profound difference. Paul Beckwith's YouTube video: *Questioning Human Extinction Worldviews* is an excellent counter to the erroneous belief it is too late.

"Skeptics and academic arrogance: In a universe of infinite potential, logically, any certainty in what is "known" is an irrational concept. In a healthy collaborative environment, egos are more balanced and science is an expression of our desire to discover and explore the unknown. In a competitive dominant environment, fear and ego often override curiosity and knowledge. This is a symptom. *There is nothing that we currently know that we should have the arrogance to defend with certainty.*" *Mike Waters, AESOP CEO*



Dark red shows the regions in the U.S. already experiencing a temperature increase of 2 degrees C (35.6 degrees F).

“In science one tries to tell people, in such a way as to be understood by everyone, something that no one ever knew before.” Paul Dirac, Nobel Prize, physics

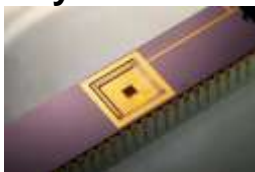
MOVING BEYOND OIL & FUEL FREE TURBINES on this site discuss autonomous generators with & without moving parts - as well as engines that run on ambient heat, a huge untapped reservoir of solar energy. *They can be mass produced everywhere on the planet - providing 24/7/365 power for every application up to and including power plants. A generator without moving parts was demonstrated in Seattle 100 years ago – modern versions could be in production in a matter of months worldwide.*

Fuel-free 24/7 generators & engines can replace intermittent wind and solar farms as well as power plant fuels. Autonomous generators and charge cluster in vacuum batteries for electric vehicles – as well as fuel free turbines for aircraft - will provide unlimited range – not merely ending fuel cost but also providing the ability to become power plants and sell electricity for a new source of income, when suitably parked. A huge boost for the economy, generating many millions of jobs.

Ken Rauen, AESOP's Chief scientist and CTO has also invented a Super Stirling engine that is expected to exceed Carnot – as well as air conditioning technology needing no refrigerants. A mini-split example can be self-powered. A second type is a window unit needing only a fraction of the power of current units. The Coefficient of Performance – COP - exceeds the wildest expectations of air conditioning engineers and manufacturers. The proprietary work will be prototyped by AESOP and licensed world-wide. This is another fast path to reducing greenhouse emissions.

An Infinite Energy magazine article and a Society for Scientific Exploration Presentation by Ken Rauen describe the scientific breakthrough behind his fuel-free piston engines and the Heat Pump Air Conditioner. Copies are available free upon request. The science was presented at 3 AAAS Meetings without refutation. A copy of a Presentation is available upon request.

Physicists build circuit that generates clean, limitless power from graphene



University of Arkansas physicists have developed and applied for a patent on an invention capable of capturing the continuous thermal movement of a single layer of graphene, converting it into electrical current. A circuit based on this motion will be incorporated into a generator on a chip, to provide clean limitless, low-voltage power for small devices or sensors. *Physical Review E* 2 October 2020.

Our parallel invention, which can be demonstrated late in 2021, employs polymer ROOM TEMPERATURE SUPERCONDUCTORS (not yet recognized by the mainstream scientific community). It will cool as well as power electronics. Both devices will be examples of autonomous electric power generating technology.

WATER, WATER EVERYWHERE...ALL GREEN ENERGY INC.

Devices have been invented to harvest water from the air. Breakthrough technology allows operation in humidity as low as 5%. Existing systems need 25% humidity to function. 100% less than the usual grid power is required. Fuel-free generators can power water extraction systems.

There are 12 quadrillion gallons of water in the atmosphere. New technology will extract water anywhere at modest cost. Units will supply water to homes, any type of business and agriculture - at competitive prices. Large installation may end any need for dams.

Thermoelectric cooling devices which can be worn on the body are under development. These will provide an alternative to space cooling and be of great utility to those who need to work outdoors in regions of unhealthy heat. Room temperature superconductors, as yet unrecognized by the scientific community, *can improve the efficiency of any thermoelectric – TE - device.* See ROOM TEMPERATURE SUPERCONDUCTORS. Some years ago, an earlier AESOP affiliate proved that polymer room temperature superconductors can be used to improve TE devices - on a successful Small Business Innovation Research - SBIR – contract. This and three other SBIR Final Reports about these remarkable materials are available upon request.

Time magazine “Extreme heat is now a world-wide phenomenon. It poses a vexing paradox for scientists and policymakers: today’s air conditioning keeps people cool and saves lives but is also one of the biggest contributors to global warming. Only 8% of the 2.8 billion people living in the world’s hottest regions own an air conditioner, compared with far more in the U.S. and Japan. Air-conditioning isn’t just a luxury. Without adequate cooling, heat exhaustion can disrupt the body’s functioning and lead to death.”

See CHEAP GREEN A/C on this website. We can develop a self-powered mini-split heat pump air conditioner. We will also develop a window air-conditioner having a Coefficient of Performance exceeding 5, using a fraction of the power of the best current units. No refrigerants needed.

AIR CONDITIONING market 24.28 Billion USD by 2020. The number of cooling devices is expected to quadruple to 14 billion worldwide by 2050.

Ambient Heat – a 24/7 Fuel-Free Sleeping Giant Solar Energy Source. Turbines that will run on ambient heat will replace fuel in certain systems under development. This new science will open a new, 24/7 path, to solar powered homes and ultra-efficient heat-pumps for heating and cooling. Tapping ambient heat is one of the major missing keys to rapid replacement of fossil fuels!

The background temperature of space is close to Absolute Zero. When the temperature is 50 degrees F anywhere on earth there is more than 500 degrees of heat stored in the atmosphere. Nikola Tesla suggested it should be possible to tap it for power in 1898. New science opens practical paths to using it to run engines 24/7/365. *Demonstrations of working prototypes have taken place.*

Suitably parked cars can be power plants - making possible rapid retirement of fossil fueled (as well as nuclear) power stations worldwide. Selling electricity from millions of parked vehicles will save owners thousands of dollars, relieve pressure on the grid, as well as open a substantial new source of individual income. Millions of vehicles running without fuel everywhere on the planet can impact the climate crisis fast and make a major difference.

Revolutionary fuel free power generation inventions can conceivably save the average individual in the USA more than \$2,000 each year - and a family of four at least \$8,000 per year (gas for cars, home heating & cooling, appliances) in addition to opening a path to a new source of substantial income, selling electricity from parked vehicles. *Savings of this magnitude for owners of cars and trucks will not easily be taken away by opposition from vested interests.*

Breakthrough technology will provide electric vehicles with unlimited range - and allow them to become power plants when suitably parked, selling electricity or powering buildings, ultimately superseding coal, natural gas and nuclear plants.

\$6 TRILLION ANNUAL ENERGY MARKET: Developing Fuel-Free 24/7 power technologies – simpler, less-expensive, faster alternatives to fossil & nuclear fuels, solar panels, solar & wind farms.



TROLL ALERT: AESOP is slandered by **Trolls**. Vicious rants by a **cowardly**, 'anonymous individual' (cobbling together a few distorted facts mixed with blatant lies) seeks to deflect support for AESOP's new science. An arrogant pedantic individual he believes all the breakthrough technologies described on this website are fraudulent. See THE FAKE "PHYSICS REVIEW BOARD", under MORE on this site. Polymer Room Temperature Superconductors are dismissed by this Troll. These materials were the subject of four Small Business Innovation Research contract awards with the U.S. Air Force and Ballistic Missile Defense Organization (Final Reports are cleared for public release and available upon request) - See ROOM TEMPERATURE SUPERCONDUCTORS on this website. **LORD Corp. has commercialized AESOP Ultraconductor research and is selling it to protect aircraft against lightning strikes at half the weight of previous products. Tiny generators for electronic circuits using these materials could soon be in production.**

24/7 COST-COMPETITIVE GREEN ENERGY SYSTEMS

Generators will run 24/7 without fuel. Production will provide a continuous alternative to rooftop panels.

Proprietary technology can scale and reduce the need for fossil fuels, wind and solar farms, as well as provide self-powered air-conditioning & heating units.

Ground-Breaking new science increases the odds for human survival on our dangerously warming planet!

Autonomous Generators

- Off-grid, and emergency GenSets
- Electric power and air conditioning
- Heat pumps to supply heat and cooling
- Multiple uses for every household & business on the planet

Practical & Affordable:

- World-wide: Manufacturing firms can license – and parallel domestic production!
- No fuel of any kind needed – ever!
- Fossil fuels may be superseded! Fast!

The technologies are low to medium tech and will be inherently inexpensive to manufacture. R&D development time and materials to prove the practicality of each new model is expected to be relatively fast and reasonable in cost.

"The Next Decade Will Decide What the World Looks Like for Thousands of Decades to Come."

Bill

McKibben

"We have not hit the disastrous level," says leading climate scientist James Hansen. "But we are close."

"...this is a war on your children's future, a war on human civilization." *Joseph Romm*

"All truth passes through three stages. First, it is ridiculed, second it is violently opposed, and third, it is accepted as self-evident." *Arthur Schopenhauer 1788-1860*

Ken Rauen, inventor of AESOP's First Fuel-Free Engines, at an Energy Congress
5 minute VIDEO introducing AESOP Engines at the opening of his presentation:



(Ken speaks after 2:24 Intro)

<https://www.youtube.com/watch?v=EgomeR1TgXU>

"Climate collapse demands a supply of energy that is far cheaper than fossil fuels, resistant to bad weather and natural disaster, and sustainable in fuel inputs and pollution outputs." *Carl Page*

Humanity's goal must be an 80% decline in fossil fuels, as soon as possible, on an emergency basis! Past emissions are likely to heat Earth by more than 1.5 degrees C. **We are well on our way to 2 degrees C near-term, about the maximum for human life to flourish.** Present efforts cannot prevent this little recognized threat to human existence. Urgent action - combined with cost-competitive **breakthrough** technology - is needed NOW.

See HUMAN SURVIVAL on this website for an overview of humanity's situation. New science capable of providing cheap continuous power is necessary to keep earth livable!

Arctic Nitrous Oxide & Methane plus Global Warming are claimed to be an imminent threat to human existence (*See Arctic-news & chart below*).



AESOP's Fuel-Free Cutting Edge Technology could help end world *dependence* on fossil fuels and *eliminate the need for any new pipelines*.

\$5.3 Trillion in subsidies worldwide for fossil fuels in 2015!

(International Monetary Fund – Working Paper – WP/15/105 - May, 2015 – Page 30)

Cost of oil subsidies to the average U.S. taxpayer per year: \$5,737.

The video that follows is an interview with the late Eugene Mallove, founder of Infinite Energy magazine. As noted in Ken Rauen's brief biography below, he worked with Gene for some years. Anyone interested in the rejection of new science – led by the academic community - will find this interview of interest. Mallove was killed shortly after this broadcast when he interrupted a burglary.

https://www.youtube.com/watch?v=NYIK_OpxiZw&feature=youtu.be

Prototype post-Carnot piston engines are under development by AESOP. Fuel-Free turbine prototypes were built in Russia. There are now proprietary improved versions.

NAYSAYERS: Throughout history naysayers are quick with ridicule and derision.

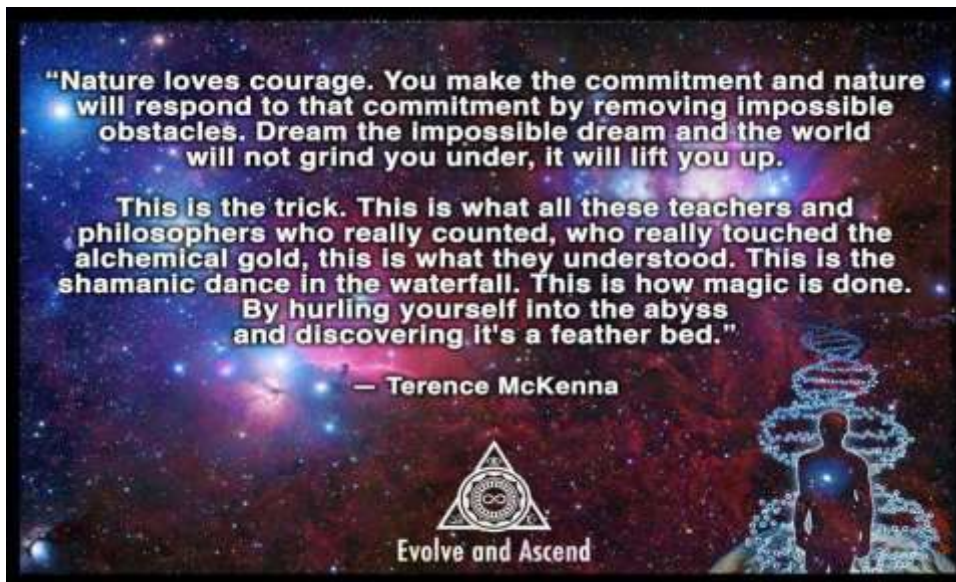
Physicist Lord Kelvin: "Heavier-than-air flying machines are impossible and x-rays a hoax".

Many physicists said Magnetic Resonance Imaging (MRI) could not detect cancers. Raymond Damadian, inventor of the MRI said: "Criticism and skepticism come with the territory of invention and innovation. The bolder the innovation, the harsher the criticism."

Every fact of science was once damned. Every invention was considered impossible. Every discovery was a nervous shock to some orthodoxy. Every artistic innovation was denounced as fraud and folly. The entire web of culture and 'progress,' everything on earth that is man-made and not given to us by nature, is the concrete manifestation of some man's refusal to bow to Authority. We would own no more, know no more, and be no more than the first apeline hominids if it were not for the rebellious, the recalcitrant, and the intransigent. As Oscar Wilde truly said, 'Disobedience was man's Original Virtue' - *Robert Anton Wilson*

Magnetic Power Inc. and Room Temperature Superconductors Inc., earlier affiliates, successfully completed four Small Business Innovation Research - SBIR Contracts - with the U.S. Air Force and Ballistic Missile Defense.

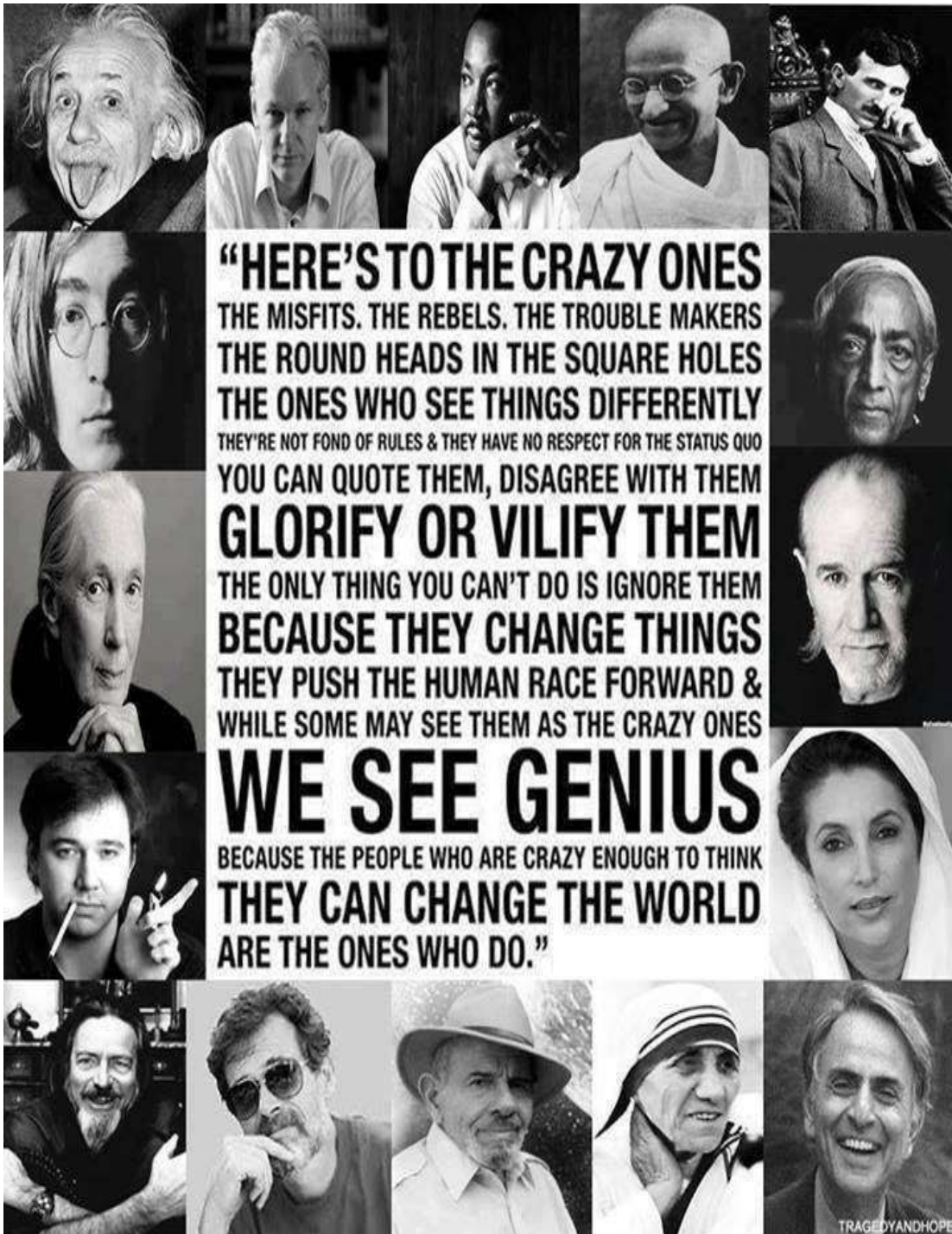
World Energy Markets exceed \$6 Trillion in annual revenue. A recent study estimates global revenue for advanced energy at \$1.3 Trillion with sector growth double the rate of the global economy. \$90 Trillion is an estimated cost to replace fossil fuels worldwide.



A wise Congress can END POVERTY with NO NET COST TO THE TREASURY by combining a Universal Basic Income of \$2,000/month with the little known SECOND INCOME PLAN. No need to touch Social Security. See END POVERTY under MORE on this website.

Aesop Institute is a California non-profit corporation. AESOP Energy is a commercial affiliate.

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"HERE'S TO THE CRAZY ONES

**THE MISFITS. THE REBELS. THE TROUBLE MAKERS
THE ROUND HEADS IN THE SQUARE HOLES
THE ONES WHO SEE THINGS DIFFERENTLY**

THEY'RE NOT FOND OF RULES & THEY HAVE NO RESPECT FOR THE STATUS QUO

YOU CAN QUOTE THEM, DISAGREE WITH THEM

GLORIFY OR VILIFY THEM

THE ONLY THING YOU CAN'T DO IS IGNORE THEM

BECAUSE THEY CHANGE THINGS

THEY PUSH THE HUMAN RACE FORWARD &

WHILE SOME MAY SEE THEM AS THE CRAZY ONES

WE SEE GENIUS

BECAUSE THE PEOPLE WHO ARE CRAZY ENOUGH TO THINK

THEY CAN CHANGE THE WORLD

ARE THE ONES WHO DO."

TRAGEDY AND HOPE