

The Great Leap Backward LaRouche Exposes The Green New Deal



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Cover
This Week

Transformation of the world economy, as promoted by Prince Charles and his Green New Dealers, would mean deindustrialization, bringing depopulation in its wake, and a massive loss of lives and of prosperity.



NASA

Julia Jay Coon

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I. Introduction

The New Deal for Humanity Is Not Green, But Human!

by Helga Zepp-LaRouche

Feb. 3—Literally before the eyes of the world public, the greatest villainy against the common good is currently underway, which will make the rich even richer and the poor even poorer, and which will have catastrophic consequences: hunger riots and absolute social chaos in the industrialized nations, genocide against the so-called developing countries, and in the view of the financial oligarchy, a third world war of the NATO states against Russia and China will soon become almost inevitable. All of these disastrous developments will be the consequence, if all investments are steered into “green” branches of industry, and a complete phase-out of investment ensues through the central banks, not only from nuclear power, but also from fossil fuels, as in the “Green Deal” of the European Union (EU) or the “Green New Deal” of the Biden administration.

What should be obvious to every medium-sized company in the productive economy, is surprisingly only slowly entering the public debate: The transformation of the economy—also promoted as the “Great Reset” by Prince Charles and Klaus Schwab of the World Economic Forum—would mean extensive de-industrialization and a massive sacrifice of the population’s prosperity. Eric Heymann, a senior economist at Deutsche Bank Research, in a mid-January article, criticized the “dishonest debate” through which the EU wanted to impose its Green Deal on the population, which “would not be feasible without a substantial portion of eco-dictatorship”—and even that is the understatement of the year!

If, as the architects of the Green Deal want, all industrial companies are subject to “taxonomy,” i.e., their so-called CO₂ footprint will be recorded, a classification system for “ecologically sustainable” economic activities will be *enforced*, and all private activities will

also be subject to the dictates of supposed climate protection—then this will only be possible with a dictatorship and mind control that will make the Inquisition look like a picnic.

If this green utopia were ever to become a reality—and it cannot, because it will lead to chaos beforehand, as we shall see in a moment—the extremely inflated prices would determine exactly the size of the house or apartment in which anyone can live, to what temperature it can be heated, which electrical devices are still allowed, how far you can travel with which means of transport, how often you can eat meat or whether you can eat exotic fruits at all. And of course, every euro and every dollar spent on “climate protection” is one that is missing for investments in education, health systems, research, infrastructure, modern communications, internal and external security, pensions and leisure activities.

Mass Wasted Production, Mass Death

The federal states and municipalities in which fossil fuels were previously extracted or processed in “brown” industrial plants, would have massive losses in tax revenues and jobs would disappear. At the same time, many more landscapes would be spoiled by armies of wind turbines, seas of solar panels, and endless transmission lines, which would not only carve up nature and destroy the habitat for wild animals and kill millions of birds, but would also by no means be safe from terrorist attacks. It would require millions of onshore and thousands of offshore wind turbines, millions of charging stations and vehicle battery modules, billions of backup energy storage modules, which would require enormous amounts of concrete, steel, copper, plastic, rare earths and other materials. And that, in turn, would require enormous expansion of mining and

quarrying in all these areas, which even the Greens themselves would not like.

The main problem, however, would be that this green transformation would absorb materials, industrial capacities and manpower, all of which ultimately represent total waste, and would tie up the capacities that are urgently required for the long-term economic survival of society. With the exit from nuclear energy and fossil fuels, energy production would be thrown back to a level that existed

before the industrial revolution, with solar and wind energy (or hydrogen, which is obtained from modern energy-dense sources).

At the core of the economic and scientific method that Lyndon LaRouche developed, is his recognition—and he scientifically established it—that there is an integral relationship between the energy-flux density used in the production process, and the relative potential population-density made possible by it. The number of people who could live on Earth during the hunter-gatherer period, when only wind and sun were available for the propagation of rabbits and berries in the “production process” at that time, was somewhere in the range of a few million. Even with the mastery of electricity and a few other technological advances, wind and sun remain energy sources with much the same energy-flux density as they did over 10,000 years ago.

Hans Joachim Schellnhuber, Commander of the Order of the British Empire (CBE), founder of the Potsdam Institute for Climate Impact Research, who has long propagated the “Great Transformation and Decarbonization of the World Economy,” associates that energy-flux density with a “carrying capacity” of the Earth of at best one billion people. Today almost 8 billion people live on Earth, and ac-



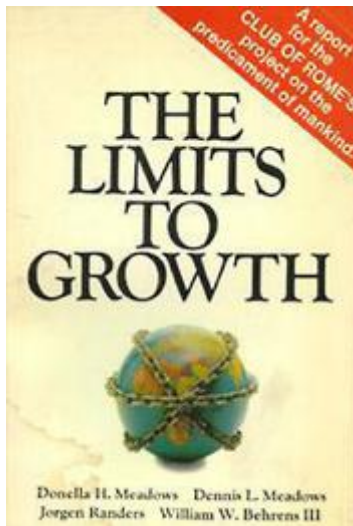
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Hans Joachim Schellnhuber, CBE, founder of the Potsdam Institute for Climate Impact Research, claims the “carrying capacity” of the Earth is at best only one billion people. Today, we are 7.8 billion.

end of these states as industrialized nations, but also the destruction of the industrial capacities necessary to overcome the underdevelopment of the so-called developing countries.

In view of the already rampant COVID-19 pandemic in the countries of the Global South, the muta-

tions that have already occurred and will certainly continue to occur in the future, as well as the famine of “biblical dimensions” as David Beasley of the United Nations’ World Food Program put it, there is a risk of mass death on an unprecedented scale. The Malthusian financial oligarchy which, since the publication of the unscientific propaganda of the Club of Rome (on the alleged limits to growth), has declared the purported overpopulation of the Earth to be the main danger, then only needs to let the four horsemen of the apocalypse—war, hunger, disease and death—run free to bring the population down to the desired level.



‘A Long-Term Power Failure’

But as already mentioned at the beginning, the green utopia will never become reality in its propagated form anyway, because one cannot get out of nuclear energy and fossil fuels in relatively highly industrialized nations like those of the trans-Atlantic sector without pro-



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Toronto during the 2003 Northeast blackout.

voking blackouts and a crash into chaos. The pan-European electricity network came dangerously close again on January 8 of this year, when, triggered by a failure in Romania, a near blackout occurred that could only be bridged by additional energy supplies from other countries to stabilize the network.

According to experts of the Austrian electricity supplier EVN, it was the second most serious major disruption in the European network to date, in which the third of four warning levels was reached and sensitive machines had already reacted to the reduction in electrical frequency. Numerous power plants had to supply additional energy, pumped-storage hydroelectric plants and the still-existing gas power plants had to be mobilized, so that the safety net could be saved from blackout in a kind of fire brigade operation. But it was a close call.

The current course of the financial oligarchy, to push through the decarbonization of the economy by all means, can only be described as a break-neck policy of the highest risk, in which the prospect of making a killing in speculation on the



CC/Kit Conn

A wind farm near Palm Springs, California.

planned \$30 trillion that will be spent on the Great Reset has swept away any concerns for the common good of society. But this policy is life-threatening for a very large number of people. It is high time to deal urgently with the matter that the Office for Technology Assessment at the German Bundestag (TAB) considered in a 2011 [study](#), entitled “Endangerment and Vulnerability of Modern Societies—Using the Example of a Large-Scale and Long-Term Power Failure.”

Due to the extreme complexity of a modern, high-tech society based on the division of labor—in which various critical infrastructures, such as information technology, telecommunications, transport and traffic, energy supply and health care are intertwined—these societies are highly vulnerable, as repeated terrorist attacks, natural disasters and particularly serious accidents have made clear. All of these systems depend on a supply of electricity, and a prolonged and widespread power failure would have devastating consequences. The studies come to the conclusion that a collapse of the entire society could hardly be prevented.

The immediate consequences would include: the failure, immediately or after a few days at the latest, of telecommunication and data services, landline telephones, local exchanges, cellular networks, emergency power supply, public broadcasters (and thus communication between authorities, the population and companies using telephones), and the Internet. Transport and traffic by road, rail, air and water would stop immediately or after a few hours, and traffic would be chaotic immediately after the power failure. Crossings, tunnels, and barrier systems would be blocked, long traffic



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The Green New Deal means breakdown chaos for many basics of modern society that depend on supplies of abundant, uninterrupted power, available now only from fossil fuels and nuclear power. Some examples are shown here: elevators in high rise apartments, urban transit, hospital surgery, agricultural irrigation and fertilizer systems, and industrial processes.



CC/Almondbite3



USDA



Ford Motor Company

jams would arise, numerous accidents would occur, rescue services and care for the injured would sometimes become impossible, people would be trapped in subways, trains and elevators.

Fuel for vehicles would become scarce and the supply of food and medical supplies to the population would be interrupted. There would be a major collapse in medical and pharmaceutical care for people, which would be severely restricted after just 24 hours. Perishable drugs such as insulin, blood reserves and dialysis fluids would hardly be available. Emergency services could no longer be reached by emergency call. Serious damage to health or the death of many people can be expected in the first week.

As a result, public order will begin to collapse, part of the population will show great helpfulness, but another part will be more ruthless, more aggressive and more violent. Apathetic or panic-like behavior will occur. According to the TAB report:

Power failure as a prime example of “cascading damage effects” should therefore continue to have high priority on the agenda of those responsible in politics and society, also in order to raise awareness of this issue in business and the population. The TAB report presented should also make a contribution to this.

Obviously, these “responsible persons” have in the past decades shown an enormous ability to do exactly the opposite, and to almost completely suppress any awareness of the enormous risks of their policies. This is so with regard to the consequences, for example, of the nuclear phase-out and the now planned phase-out of fossil fuels industries in countries like Germany, and soon the EU and the United States, as well as with regard to the neoliberal living on the edge for profit maximization. When President Richard Nixon destroyed the Bretton Woods system in 1971 by breaking the fixed exchange rates and uncoupling the dollar from

a gold peg, it was Lyndon LaRouche who farsightedly published the forecast that a continuation of these monetarist policies would necessarily lead to a new depression, a new fascism, and the danger of a new world war, or—on the contrary—a turn to a new, just world economic order.

LaRouche thereafter carefully analyzed every additional step in the direction of further deregulation of the financial markets in favor of speculation and pointed out its consequences.

Now we have reached the end of the road: Behind the attempt to impose the Green New Deal on the world is the desperate attempt of the financial oligarchy of the City of London, Wall Street and Silicon Valley to hook the hopelessly bankrupt financial system up to life support once more, by injecting an enormous sum of \$30 trillion, and thereby to reap one last gigantic profit for the speculators of this world. After us the deluge! There are “super investors” like Jeremy Grantham of the Boston asset management company, Grantham, Mayo, Van Otterloo & Co., who, in his analyses, is convinced that human behavior is the same as that of rats:

We will have a few weeks of extra money and a few weeks of putting your last, desperate chips into the game, and then an even more spectacular bust.... When you have reached this level of obvious super-enthusiasm, the bubble has always, without exception, broken in the next few months, not a few years.

How bad will it get? Like the crash of 1929, says Grantham.

Another implication for the self-destruction of the West by the Green New Deal is the almost 100% probability that its implementation would lead to World War III and the extinction of humanity. If the West dismantles itself economically through green policies, while China and all of Asia rise unstoppably, there is a growing risk that this will lead to a nuclear showdown, as, given the current NATO policies and the various U.S. security doctrines, it can not be assumed that NATO would dissolve in a peaceful manner similar to that of the Soviet Union and the Warsaw Pact. Admiral Charles Richard, Commander of the U.S. Strategic Command is just one of many military men who has just expressed the opinion in the monthly magazine *Proceedings* published by the

U.S. Naval Institute, that a nuclear war with Russia or China is more likely and that the United States must therefore modernize its nuclear arsenal—which is already in full swing.

Choose Durable Human Survival Instead

Even if many institutions seem to have decided on the course outlined here, it is not too late to take the alternative. The COVID-19 pandemic has demonstrated how extremely vulnerable we really are as a human species, and that realistically we only have one chance to ensure our long-term survival—by coming together in a new paradigm of cooperation among all nations of this world to dedicate ourselves to the real common tasks of humanity.

The key to overcoming the crisis lies in an image of man that does not see mankind as a parasite on nature, whose activities pollute and destroy poor Mother Earth, so that it would be good to reduce the number of people as much as possible (just not so far as to leave the oligarchy without enough service personnel!). Man is simply not a manipulable, sensory being that can be kept under control by the modern form of bread and circuses and degradation by the entertainment industry.

Mankind is the only species whose creative reason conforms to the laws of the universe, and is even a developed integral part thereof. It is precisely this ability that allows humanity time and again to discover new revolutionary hypotheses about the physical laws of the universe, which are then used in the production process to define completely new platforms of the human standard of living, life expectancy, understanding of the climate change that has been taking place for millions of years, and further perspective for creating the prerequisites for future interstellar space flight through the colonization of nearer space.

That is where, at last, we will understand what climate change is all about, how the cyclical movements of our galaxy affect the so-called climate. In order to solve the problem, however, we do not need solar panels or wind turbines, but rather the use of nuclear fusion as a driving force for the manned missions to Mars and beyond. Man is the being that can perfect himself intellectually and morally without limit, because that corresponds to the laws of the universe of which humanity is the developed part.

We need to reset the reset, and we need a positive redefinition of man’s mission in the universe.

LaRouche Calls for a New Bretton Woods

On Jan. 4, 1997, as the world was careening into the near-breakdown of the entire world financial system in 1997-98, Lyndon LaRouche called for a New Bretton Woods Conference, to return to the FDR system which had been destroyed by Richard Nixon on August 15, 1971.

The general nature of the solution is obvious. We had a financial system and a monetary system, from 1946 through 1966, which more or less worked. It was called the old Bretton Woods system. The system was based, not on gold currency, but on a gold reserve system. The function of the gold reserve system was to keep currencies, relative to one another, at fairly constant values. This meant that if you loaned money to someone, that the currency of the fellow to whom you loaned, would have approximately the same value five years from now, that it had today. So you didn't have a borrowing premium that you put on the loan, based on the expectation of the fluctuation of the currency.

To promote long-term trade and investment in international markets, requires stable relations among currencies. And, the function of the Bretton Woods system, the original one, was to provide that mechanism, and to induce governments to maintain stable relations, that is, discipline among their currencies on a gold reserve basis.

Under that policy, we in the United States operated on what was called a national economic security policy, which was a key part of our postwar national security policy. That is, we had a protectionist policy, in effect, and we encouraged other governments to have protectionist policies, because it was our desire that we be able to trade with these countries, which we could not do, in a stable way, unless they had fairly stable currency values....

Also, long-term borrowing was cheap in the international markets. If you wanted to invest in a country, the long-term costs were cheap, at 1-2%,

for example, in many cases. Or, you would have agreements of various kinds, which would reduce it, effectively, to that. So therefore, we could export capital to developing countries, at fairly favorable terms....

A Four-Power Agreement

Therefore, the United States must act, together with other powers, to put the world into bankruptcy reorganization. Every financial system, every banking system in the world, is presently bankrupt! Particularly those that are involved in derivatives.

Therefore, the United States must take leadership, international leadership, in proposing a new Bretton Woods, which would be a good term for it, which is what I've proposed—that we're going to go back to the principles of the Bretton Woods system in its best years, and the United States, as the principal prospective partner in such agreement, will try to get every nation that's willing to go along with this idea, to assemble and do it....

That means that we have to create new banking systems, which is very simple to do, on the basis of the Hamilton model. We go to national banking. We use the relevant part of the Federal Constitution, Section 8 of Article I, to create a new issue of currency, not calling in the old one, the old Federal Reserve notes, but terminating further issuance of Federal Reserve notes, using that currency on deposit with the National Bank, as a means of credit to get the U.S. economy going, and get some other things going in international trade....

Our concern is not who's got a favorable or unfavorable balance of trade; our concern is to make sure that all the members of a community of nation-states become prosperous. And, therefore, our concern is that they become prosperous and secure, just as their concern is that we should remain prosperous and secure. And, therefore, we can make trade agreements and tariff agreements on that basis.

II. The Green Deal Is the British Crown

IN THE FOOTSTEPS OF GEORGE III

Prince Charles Invented and Runs the ‘Green New Deal’

by Richard Freeman

Feb. 1—Prince Charles launched on January 11 the “Terra Carta for Nature, People and Planet (Earth Charter),” to push through a green genocide program of radical population reduction, shutting down agro-manufacturing production, and building a \$40 trillion green speculative-financial bubble, all implemented through a central bankers’ dictatorship. If this Prince and his associates are not stopped, they will destroy the cognitive powers of man, halt capital-intensive, power intensive development of agriculture and industry, and bring down civilization.

Using the wealth of the House of Windsor, but much more from the City of London-Wall Street banks, insurance companies, and a host of governments, HRH the Prince of Wales has been building toward this strategy for the past five decades.

Charles derives this capability, certainly not from himself, but from being embedded in a network of institutions. One such institution is the monarchy, which consists not just of the royals, but hundreds of persons, from Oxford and Cambridge universities, financial institutions, and law firms. Indeed, the monarchy is embedded in a Quartet consisting of the monarchy, the City of London, the Bank of England, and the intelligence services, which has been in operation since the 1694 creation of the Bank of England.



UN
HRH Prince Charles, the Prince of Wales, in 2018.

Charles works with more than a hundred governments, but he emphasizes that corporate private business is necessary to implement his policy, as governments need to and can enunciate the policy, but do not have the power to carry it out. This is an embrace of corporatist-Synarchist top-down control, above and beyond government, as was the case for Hitler, Hjalmar Schacht, and Mussolini.

We look at three pivotal examples that indicate that Prince Charles, and those for whom he is a point person such as the Bank of England and the City of London, are the ones who began to originate and implement the green fascist dictatorship policies, often a full 10-20 years before others knew of them.

The first example is Charles’ critical role, along with his father, the Royal Consort Prince Philip, and the World Wildlife Fund, in running the precedent-setting 1992 Rio Earth Summit, which set the paradigm of harsh measures to fight the fake Global Warming; the second, is the Prince of Wales’ setting up of the Green New Deal in Britain in 2008, a full decade before it was allegedly first brought forward in the United States; and the third, is Prince Charles’ establishing the internal dictatorship of “only” accounting rules, a fundamental part of the guts of the “Great Reset’s” plunge of the world into destruction.

Prince Charles, Prince Philip and the WWF Launch the Pioneering Green Genocide of Rio's 1992 Earth Summit

I just wonder what it would be like to be reincarnated in an animal whose species had been so reduced in numbers that it was in danger of extinction. What would be its feelings toward the human species whose population explosion had denied it somewhere to exist.... I must confess that I am tempted to ask for reincarnation as a particularly deadly virus.

This was Prince Philip, Duke of Edinburgh, Royal Consort of the Queen of England, in his Foreword to the 1987 book, *If I Were an Animal* by Fleur Cowles.

Philip repeated a variant of the quote in 1988 to the German news agency Deutsche Press Agentur.

Thus the Royal Consort expressed his view, that the “lives not worthy to be lived” (in the Nazis’ phrase) include not only the Jews, Gypsies, the seriously ill, and other despised groups, but *the entire human population*—reserving the need for perhaps several hundred million of “the right sort” and their servants. Culling the human herd—his utterances constantly returned to this theme.

Philip decided, on behalf of the institution of the British Monarchy which he represented, to bring back the policies of the Nazi regime which had not succeeded in its 1933-45 mission. This would be done under the disguise of environmentalism. These policies included eugenics; the concentration work-camp policies of the Hitler-Hjalmar Schacht regime of looting

those beaten down who could be looted, and killing those who could not; and conducting a central bank financial dictatorship, such as that of Hitler’s Reichsbank chief Hjalmar Schacht.

The outward aspect of what had been done under Hitler and Schacht, would be changed: the myth would be presented, starting at Rio in 1992, that anthropomorphic climate change requires decarbonization of the world economy. Such a drastic measure would lower the world economy’s energy-flux density, setting off a downward spiral of disintegration. The onrushing breakdown of the biggest derivatives-laden financial bubble in world history will make consequences even worse.

But the ultimate object targeted for destruction, is man’s creative cognitive powers, which is the means for man’s discovery of new physical scientific principles, which makes revolutionary scientific advances in the physical economy, which uplifts man out of poverty and into full humanity. It is these principles which man celebrates in classical art and music, and which will allow mankind to lift off from Earth, and extend his dominion over the galaxy. The oligarchy attempts to stifle those powers, and it is those powers that will allow mankind to defeat Prince Charles’ scheme.

The World Wildlife Fund, later renamed the Worldwide Fund for Nature (WWF), is a nexus that the British Empire had set up in 1961, to organize for green genocide.

Three principal founders give the intent of the organization:

- Julian Huxley—In 1907, Julian Huxley founded the British Eugenics Education Society in Britain; he was shortly to be joined by H.G. Wells, and Leonard Darwin, one of Charles Darwin’s sons. The rubble from World War II



CC/Kiefer

Prince Philip, in 2015. Husband of Queen Elizabeth, father of Prince Charles, and co-founder of the World Wildlife Fund, he hopes to become a deadly virus.



UNESCO/Claude Bablin

Sir Julian Huxley in 1965. He is the founder of the British Eugenics Education Society, and helped create UNESCO, becoming its Director in 1946.

was still warm when in 1946, he helped create and made himself director of the United Nations Educational, Scientific and Cultural Organization (UNESCO). In a statement of direction, in a [paper](#) called “UNESCO: Its purpose and its philosophy,” Huxley revealed the intent to revive eugenics:

The dead weight of genetic stupidity, physical weakness, mental instability, and disease-proneness, which already exist in the human species, will prove too great a burden for real progress to be achieved. Thus even though it is quite true that any radical eugenic policy will be for many years politically and psychologically impossible, it will be important for UNESCO to see that the eugenic problem is examined with the greatest care, and that the public mind is informed of the issues at stake so that much that now is unthinkable may at least become thinkable.

- Prince Bernhard—Royal Consort to Queen Juliana of the Netherlands, and first WWF president. Having joined the Nazi brownshirts on Hitler’s accession in 1933, he moved on to the fierce Schutzstaffel (SS) in 1934. For cosmetic reasons, Bernhard resigned from the SS, but to show that nothing had changed, he signed his “resignation” letter, “Heil Hitler!” The Prince worked for the German chemical giant IG Farben, a central cog in the Nazi corporatist machine. He joined the statistics department of IG Farben’s Berlin N.W. 7 department, the key Nazi overseas espionage center. In 1935, Bernhard became secretary to Farben’s board of directors at its Paris office. Farben developed the gas Zyklon-B, which was used to gas people in the concentration camps starting 1942. In 1937, as a respectable suitor, Bernhard married Queen Juliana of the Netherlands.

- Prince Philip—son of Prince Andrew of Greece and Denmark, husband of Queen Elizabeth II, and Duke of Edinburgh. Of Philip’s four older sisters, three were married to German aristocrats who were part of Nazi circles in Germany. Philip appears to have been

significantly informed and also involved in these networks. In June 1945, the British Royal Household dispatched a “former” MI-5 agent, to, in part, try to retrieve (presumably to conceal) Prince Philip’s wartime correspondence with this network.

Both of Prince Charles’ parents were products of this Nazi milieu, as Queen Elizabeth’s father King George VI and his wife were involved in appeasement circles, that at different times during World War II, tried through channels to reach an “understanding” with the Nazi German regime. There was, notoriously, King Edward VIII, an outright collaborator of the Nazis, who was forced to abdicate in December 1936, to make way for Elizabeth’s father, King George VI. This informed the upbringing of the Prince of Wales, the heir-to-the-throne.

There were several other environmental organizations: The International Union for the Conservation of Nature, Friends of the Earth, etc. But Prince Philip used the WWF as his home platform for his attempt to transform the world economy.

Prince Charles’ Transformation: The 1992 Rio Summit

In 1989, Princes Philip and Bernhard, King Juan Carlos of Spain, and various prominent City of London financiers, decided to hold a singular conference in 1992, the United Nations Earth Summit in Rio de Janeiro. This WWF crew

decided to use the Canadian Maurice Strong, a leading idea promoter for Prince Philip, and a money-raiser for the WWF who had founded the 1001 Club in 1970 as a means for super-wealthy patrons to fund the WWF.

Strong expressed his charming view to the *National Review* on September 1, 1997:

If we don’t change, our species will not survive.... Frankly, we may get to the point where the only way of saving the world will be for industrial civilization to collapse.

Consider what Strong must have meant by “the world,” thus “saved,” in that statement.



CC/Sander Lamme

Prince Bernhard in 1999. This former member of the Nazi SS married Queen Juliana of the Netherlands and later became the first President of the World Wildlife Fund.

An oil developer in Alberta, first executive director of the United Nations Environment Program, and a leading figure in the WWF, Strong would be the Secretary General of the Earth Summit.

But with Philip's and Strong's mentoring, Prince Charles would now take on a leadership role. Charles had delivered his first environmental speech in 1970, at age 22. He then took on more responsibilities. But for the Rio summit, he was placed in a leadership position to personally organize for the conference, overcome differences between nations, and help shape the agenda.

Author Jonathan Dimbleby in his 1994 authorized *The Prince of Wales: A Biography*, described what happened:

By 1991, the momentum generated by the Prince's speeches had secured him an international reputation. In the run-up to the Rio summit, which was planned for 1992, the Prince was determined to have his own input by bringing together key international figures in an attempt to achieve a degree of harmony between the conflicting attitudes of Europe, the United States and the developing nations, led by Brazil. He alighted on the idea of using the royal yacht [the *Britannia*] as the base for a two-day international seminar at the end of an official tour of Brazil in April 1991.

Among others, he invited Senator Albert Gore; senior officials from the World Bank, chief executives from such as Shell [the Anglo part of the Anglo-Dutch Royal Dutch Shell oil company] and BP [formerly British Petroleum Company]; the principal non-governmental organizations; European politicians, including the British ministers of Overseas Aid and the Environment; and, most important of all, the host of the prospective summit, President Fernando Collor of Brazil.



CC/Lymantria

Maurice Strong in 2010. A leading idea promoter for Prince Philip, he founded the 1001 Club in 1970 as a means for the super-rich to fund the WWF.

The Rio Summit, Agenda 21, and 'Divine Nature'

The Rio Earth summit was an extravaganza attended by more than 100 heads of state, and 38,000 people. It made three big shifts.

First, when the UN Intergovernmental Panel on Climate Change (UN IPCC) was founded in 1988, it defined climate change as "any change in climate over time whether due to natural variability or as a result of human activity." But at the Rio Earth Summit, that phrase was replaced by a UN Framework Convention on Climate Change (UNFCCC), which stated, "human activities have been substantially increasing the atmospheric concentration of greenhouse gases."

Second, the Conference adopted a policy called Agenda 21, which stated: "All energy sources will need to be used in ways that respect the atmosphere." Agenda 21 was the first UN document to identify roles and responsibilities for local and federal governments to pursue "sustainable development," and stated that these governments would have to come up with a way to reduce greenhouse gases by a large percentage, voluntarily. The next UN summit, in 1997 in Kyoto Japan, made these sharp reductions in greenhouse gases of the Agenda 21 mandatory—the "Kyoto Protocols."

Third, in a 1992 essay, Maurice Strong evaluated one of the strong points of the 1992 Rio Summit:

It is simply not feasible for sovereignty to be exercised unilaterally by individual nation-states, however powerful. It is a principle which will yield only slowly and reluctantly to the imperatives of global environmental cooperation.

Not only was sovereignty to be abrogated, but Strong gave the 1992 conference a pagan religious undercurrent. At the plenary session, as Secretary-General of the conference he stated:

The responsibility of each human being today is to choose between the force of darkness and the force of light. We must therefore transform our attitudes and values, and adopt a renewed respect for the superior law of Divine Nature.

The Rio Summit was a model-precedent. From that 1992 Earth Summit forward, the UN decided to hold a global conference every five years on either the environment or sustainable development; and the agenda and discussions of those subsequent UN summits were usually framed and based on the principal ideas and agenda of the first 1992 Rio Earth Summit. When the next of the UN sustainable development conferences that was explicitly on the subject of the Earth was held in 2002, it was referred to as Rio+10, and so on.

When Prince Charles played his leading role in 1991-92 for the Rio Earth Summit, he was 44 years old. By comparison, look at what others who are participating in the green finance agenda today were doing: Mark Carney was 27 years old, and working on his economics doctorate at Oxford, while making money at Goldman Sachs. Christine Lagarde was 36 years old, and concentrating on working her way up the financial hierarchy in France. Bernie Sanders first got elected to the U.S. House of Representatives. Alexandria Ocasio-Cortez was three years old, and Greta Thunberg wasn't yet born. Charles was the one creating policy.

II

Prince Charles and His Allies Created the Green New Deal

Common folklore/mythology, backed by the media, has it that Rep. Alexandria Ocasio-Cortez (D-NY) and Sen. Ed Markey (D-MA), came up with the idea of a Green New Deal in 2017. This was discussed for a few years, and then introduced as a joint resolution into the Congress by Ocasio-Cortez and Markey in February 2019. The Green New Deal is at the heart of the Biden administration's policy initiatives.

In truth, the Green New Deal was developed in the United Kingdom explicitly by the policy networks of Prince Charles. Two of the most important men in developing the Green New Deal in Britain, under Charles' supervision, are Tony Juniper and Jonathan Porritt, two of the more murderous environmentalists in the world. Juniper and Porritt have both served as Special Adviser to Prince Charles on the environment, and have been in his inner circle for decades. They created the Green New Deal in 2008, and exported it to the United States.

We now look in turn, at Juniper and Porritt, and then how they created the Green New Deal. They might be called the Prince of Wales' little green men.

Author Jonathan Dimbleby wrote in the authorized biography cited above, about Charles' inner circle:

By this time [1986], the Prince had started to form around him a core of environmentalist advisers, which he described in a letter to a friend as "a small team of knowledgeable people who can help me put as much pressure on international agencies, governments, and so on, via speeches, lunches, and dinners, as possible."

Most prominent are Juniper and Porritt.

From 1992 until 2008, Tony Juniper led many of the operations of the eco-extremist Friends of the Earth (FOE), including serving from 2003 to 2008 as the director of FOE's United Kingdom operations. Juniper was also a leader of Britain's Green Party. Charles chose Juniper to co-author/ghost-write two of Charles' books: *Harmony* (2010), and *Climate Change* (2017).

Juniper led the entire operation to have the Parliament of the United Kingdom adopt the Climate Change Act of 2008, one of the first laws of its kind anywhere in the world. The Act made it the duty of the British Secretary of State to ensure that the net UK carbon account for all six Kyoto greenhouse gases—



CC/Andy Miah

Jonathan Porritt, CBE, in 2009. Effectively a director of the Optimum Population Trust, he has been one of the more murderous environmentalists in developing the Green New Deal in Britain under Charles.

carbon dioxide (CO₂), methane (CH₄), nitrous oxide (N₂O), hydrofluorocarbons, perfluorocarbons, and sulfur hexafluoride (SF₆)—for the year 2050 is at least 80% lower than the 1990 baseline, supposedly to avoid dangerous climate change. This follows from the 1997 Kyoto Protocols, which in turn follow from the terms set by Prince Charles’ 1992 Rio Summit. The January 26, 2019 *Times* of London referred to Juniper as “Prince Charles’ Green Champion.”

Jonathan Porritt was a leading member of Britain’s radical Ecology Party since its founding in 1976, and its director as of 1979. In 1985, the party underwent a name change to the Green Party of England and Wales, and for a time, he was co-chairman. In 1986, Charles anointed Porritt as his trusted adviser, meaning that Charles and Porritt have worked together for 35 years. In 2000, Labour Prime Minister Tony Blair made Porritt the inaugural chair of Britain’s newly created Sustainable Development Commission (SDC), whose charge was to advise the UK on steps to be taken towards “sustainable development,” including cutting physical-economic production to reduce “greenhouse gases.” Porritt served as chairman of SDC for nine years.

But by far, the most dangerous feature of Porritt, which makes him most endearing to the Prince of Wales, is that he is one of the most open ultra-Malthusians in the world, calling, in effect, for halving the world’s population. In 2008, Porritt became a patron (effectively a director) of the Optimum Population Trust, which is perhaps the world’s leading advocate for genocide. According to the March 22, 2009 *Times* of London, Porritt delivered a speech in which he praised research by the Optimum Population Trust, “suggesting that the UK’s population must be cut to 30 million [from then 62 million—



CC/Jay Cross

Paul R. Ehrlich in 2008. Author of the discredited 1968 farce, *The Population Bomb*, who has publicly advocated reducing the human population by several billions.

Attenborough has stated:

The human population can no longer be allowed to grow in the same old uncontrolled way. If we do not take charge of our population size, then nature will do it for us.

Another patron is Dame Jane Goodall, who prefers apes to people. A third is Paul Ehrlich, author of the discredited 1968 farce, *The Population Bomb*, who has publicly advocated reducing the world’s population by several billion people.

This fully resonates with the Prince of Wales. In a speech on June 10, 2010 to his Oxford [University] Center for Islamic Studies, Charles vented that the population of Lagos in Nigeria has risen from 300,000 to 20 million during his lifetime. He continued, “I could have chosen Mumbai, Cairo, or Mexico City; wherever you look, the world’s population is increasing fast.” He then said the Earth could not “sustain us all,” particularly in the developing sector if a “vast proportion” is consuming natural resources at “Western



CC/John Cairns

Sir David Attenborough in 2015. A father-figure and adviser to Charles since Charles was eight years old.

levels.” President Barack Obama copied Charles’ remarks in a tirade to young Africans a few years later.

Britain’s Green New Deal and Its Program

Under the supervision and ideology of Charles, Porritt, and Juniper—along with some others, particularly the leftist New Economics Foundation—the Green New Deal was created in 2008, to serve as the program for Britain, but especially as a basic template for the American one, which imitated its broad outline and several of its particulars.

The imprimatur of Charles is shown by four of the eight directors of Britain’s Green New Deal group in 2008:

- Tony Juniper—director/initiator.
- Caroline Lucas—director. Lucas was recruited as a protégé of genocidalist Porritt. Lucas herself reported that she was “utterly inspired” by reading Porritt’s book *Seeing Green* and therefore decided to join the Green Party. She thought, “I’m going there now. I’m going to dedicate myself to this [Green Party].” Porritt was the dominant force in the Green Party. Lucas would become Green Member of Parliament for Brighton Pavilion, and helped launch the Green New Deal.

- Charles Secrett—director. His curriculum vitae says that Secrett is Senior Associate of the University of Cambridge Programme for Sustainability Leadership (CISL). Not only is Charles the patron and dominant force of this CISL, but he is working with CISL on a program for “Rewiring the Economy” by sustainability. And it is this which has lately been renamed by many, “The Great Reset.”

- Colin Hines—initiator/director. Hines was an ongoing collaborator of Jonathan Porritt. They issued a joint paper in the November 2017 *Journal of Population and Sustainability* titled “Progressive Parties in the UK Must Now Address the Immigration Challenge Head-On if Brexit Is to Be Avoided.” Porritt commented that the paper argues that leftists and liberals should “get real” about the population problem.

As for the program, Britain’s Green New Deal called for government-led investment in energy efficiency and microgeneration which would make “every building a power station”; the creation of green jobs to enable low-carbon infrastructure reconstruction; a windfall profit tax on oil and gas companies to provide revenue for government spending on renewable energy and energy efficiency; providing financial incentives for green investment and reduced energy usage. It also called for “Ensuring more realistic fossil fuel prices

that include the cost to the environment, and are high enough to tackle climate change;” the recommendation was for carbon taxes. Reflecting input from the New Economics Foundation, it also called for breaking up the mega-banks, and increased scrutiny on financial derivatives.

The moniker Green New Deal—falsely associating it with Franklin Roosevelt—the call for a large-scale shift to green energy; cutting out carbon-based fuels and related production; and creating green jobs—all this was the remit of Charles and his little green men Porritt and Juniper and *premised on radical population reduction*. Export to America was intended.

III

Imposing the Reporting Mechanism for the Reset— Toward Bankers’ Dictatorship

Prince Charles, acting on behalf of the financier power, the Bank of England, et al., has, since 2004, drawn up and attempted to enforce with increasing intensity, a body of green “accounting-integrated reporting rules,” upon industrial and energy corporations, farms, etc. This is called “taxonomy” in “green finance” circles. He has created, or modified existing regulatory bodies, endowing them with the authority to impose harsh penalties upon corporations that don’t comply with anti-greenhouse gas accounting rules—which could place non-abiding corporations into bankruptcy. In Charles’ world, all physical production increases anthropogenic Climate Change. Man violates primitive Nature through scientific progress.

The skeptic rejoins, “How are accounting/reporting rules, which are the provenance of accountants, finance teams, insurance companies and the like, going to force companies to go green? It all looks mushy.”

Charles had helped organize the UN’s 1992 Rio Summit on Climate change, keenly followed the 1997 UN Kyoto Climate Change conference, and had spoken at the 2002 UN World Summit on Sustainable Development. Charles thought that these conferences were valuable in setting parameters for climate change regulations, but corporations could pay lip service, and then evade the proposed rules, with no penalty to themselves. Thus the rules would for the most part, never go into effect. He believes rules—called integrated reporting rules—have to be surgically inserted into corporations, to make them comply and not evade. Corpora-



Ministry of Foreign Affairs of Denmark

Prince Charles at COP15 in 2009. He has helped organize the UN's climate summits as valuable in setting parameters for "climate change" regulations.

tions must reveal every significant investment or expenditure they made from the standpoint of whether it would increase Climate change.

In 2004, Charles and HSBC Bank (the Hong Kong and Shanghai Banking Corporation), the world's leading drug bank, founded Accounting for Sustainability, or A4S. On its website A4S states, under the heading "Why Sustainability and Finance":

[Corporate] finance teams are an asset to their organization and a vital element in building a sustainable world. To live up to this potential they need to recognize the risks and opportunities associated with sustainability and be able to act on them.

Finance teams in an organization are critical in an organization because they control the flows of money and finance that are critical in enabling or blocking what the organization does. [Emphasis added.]

Finance teams could control the flows of money: Charles and the City of London wanted them to depart fossil fuel-based electricity, manufacturing, infrastructure, and scientific research and development, and move into a burgeoning green speculative bubble.

To make this work, Charles and his team developed a series of integrated reporting risks, risks which would supposedly say how dangerous an investment is, strictly from the standpoint of whether it would allegedly increase Climate Change. These are some of what are of-

ficially called "physical risks," "legacy risks," "financial risks," "production risks," "competitive risks," "litigation risks," and "reputational risks."

The production of fossil fuel-fired electricity by energy companies is supposed to produce CO₂ emissions and global warming, therefore they are assigned a high "physical risk," which is posted in their integrated reporting statement. Simultaneously, environmental organizations are targeting fossil fuel-fired electricity plants for shut-down.

But what about a machine tool company whose energy is supplied by a fossil-fuel energy-fired electricity plant? It is now loaded with the sin of transmitting the "physical" risks of the fossil-fuel electricity company, abetting the fossil-fuel plant by purchasing electricity from it. Further, what about the bank/financial

institution that lends to the machine tool company whose fuel source is fossil fuels? It has risks attributed to the fossil fuel plant and machine tool companies, and, according to the accountants, it also faces "financial risks," because the fossil-fuel plant and the machine tool company may go under, and default, due to their "irremediable" risks. And the bank or financial institutional faces "reputational and litigation risks," because a group of its stockholders may sue it for contributing to global warming.

A company can be assigned a risk for any activity that contributes to "global warming," no matter how many steps removed from the supposed global warming-initiating incident it is.

Previously companies reported on their accounting statements and balance sheets, only profit and loss, the size of borrowings and investments, etc., and the financial risks that the company could accrue, based on losses in its business operations.

Now "risk management teams" which the companies have been compelled to hire, may report to the company's board of directors that the company has serious risks that threaten its stability. Heads of government regulatory bodies, whose teeth have been sharpened on environmentalism, may rule that the company is not in compliance, and must make immediate changes. Credit rating agencies—like S&P Global Ratings (previously Standard & Poor's) and Moody's Investor Service—may strip away positive credit ratings. A company will fear being accidentally or otherwise caught up in regulatory action which would cause them

to be delisted, put out of business or even prosecuted.

These climate change-connected risks are still in the voluntary phase, but in 2021, some regulatory agencies are pushing to make them mandatory.

Charles, his personal advisers and academic advisers from Oxford and Cambridge see these “climate change-related risks” as the inner disciplinary mechanism that will force companies to shut down production, shift to regressive technologies like windmills, and invest in a worthless green speculative bubble. In the 1990s and the first decade of the 21st Century,

All told, the corporatist alliance he pulled together in the leading and most powerful financial institutions in the world, represented combined assets under management, or in the case of banks, direct assets of the bank, totaling more than \$30 trillion. The organizations that he lined up to support his objectives had a combined membership of more than 9 million people.

almost no one outside of Prince Charles saw the value of this mechanism. Charles now had to get it into the mainstream, through getting mass corporatist support for his plan, and then get the plan to be made mandatory. This required creating the Task Force on Climate-Related Financial Disclosure, nestled within the Bank for International Settlements. That part of the plan was achieved in 2015. How?

Creation of Accounting for Sustainability

As noted, Prince Charles established the Accounting for Sustainability (A4S) in 2004 with the support of the HSBC bank (Hong Kong and Shanghai Bank, with an infamous history in the Opium Wars). HSBC lent Prince Charles one Russell Picot, who would be a shared asset, and whom Charles would deploy over the next dozen years. Picot would become HSBC’s Chief Accounting Officer. As the July 2019 *By All Accounts* magazine reported:

The opportunity to combine [Picot’s] personal convictions with the environmental and social aspects of reporting came in 2004 when the Prince of Wales invited HSBC’s chairman, along with some other corporates, to help set up Accounting for Sustainability.

Picot heaped praise on Charles, saying “The Prince is an extraordinary man.... He has championed envi-

ronmental and climate issues for many decades.”

Charles’ A4S set up the Accounting Bodies Network (ABN) as a collaboration between A4S and professional bodies across the globe, including most of the top accounting bodies in the world. Together the Network represents over 2.5 million professional accountants and students across 179 countries, representing two-thirds of the world’s accountants; they support the A4S agenda.

Moreover, through A4S and other organizations he controlled, such as the University of Cambridge Institute for Sustainability, Prince Charles established specialized organizations that ran the gamut behind his “integrated reporting” objective: organizations for pension managers; for Chief Financial Officers (called the CFO Leadership Network); for bankers, asset managers, and bond fund investors; for leaders of insurance companies (called ClimateWise); a Center for Sustainable Finance; and so forth.

All told, the corporatist alliance he pulled together in the leading and most powerful financial institutions in the world, represented combined assets under management, or in the case of banks, direct assets of the bank, totaling more than \$30 trillion. The organizations that he lined up to support his objectives had a combined membership of more than 9 million people.

In 2010, Charles launched the International Integrated Reporting Council (IIRC), for the sole purpose of bludgeoning corporations and national governments to adopt integrated reporting. His shared asset Russell Picot took a seat on the IIRC steering committee; Sir Michael Peat, Principal Private Secretary to the Prince of Wales, was made IIRC’s chairman.

Taking Over Mark and Diana Carney

Mark Carney, former Governor of the Bank of England (2013-2020), is one of the most powerful central bankers of the 21st Century. Carney also served simultaneously as chairman (2011-2018) of the Financial Stability Board (headquartered at the Bank for International Settlements in Switzerland). But Carney became a strong and open supporter of Green Finance only after Prince Charles had indoctrinated and taken him over. Charles was assisted in this by the fact that Diana Fox Carney, the banker’s wife and frequently described as an “eco-warrior,” answers to the Prince both as chair of the Trustees of Ashden (he is its royal patron, Porritt

and Attenborough are her fellow trustees); and as board member of the World Wildlife Fund-UK's Council of Ambassadors. Prince Charles now heads the WWF, founded by his father.

Through Carney, Prince Charles has created the most powerful banker enforcement arm to date for the Green New Deal. This is the Task Force on Climate-Related Financial Disclosures, which includes 34 central banks and large private banks and funds, headed by Carney and Sir Michael Bloomberg. Carney aggressively demands that banks enforce the “taxonomy” to cut down all fossil fuel investment, saying repeatedly that companies that don't comply “will cease to exist.”

The story of Prince Charles' takeover of Carney's activity is sketched in *EIR's* October 18, 2019 [profile](#), “Mark Carney, the Prince (Charles) of Central Bankers.”

Carney's words at Charles' 70th birthday gathering in 2018 are indicative:

It is to HRH's credit that this happy occasion is marked by a serious discussion of the risks and opportunities posed by climate change and the transition to a low-carbon economy. His Royal Highness has provided inspirational leadership on these critical issues for decades. *Indeed if we had heeded his advice when it was first offered, we might have already solved the Tragedy of the Horizon!*

I have had the great pleasure of engaging with HRH on a number of occasions, and I can think of few people more knowledgeable about the sustainability agenda or as committed to it. *Four years ago, he rightly put me on the spot, highlighting that climate-related risks will have serious financial impacts, and asking what regulators were doing about them. HRH's challenges are*



Mark and Diana Carney in 2018. Through Carney, Charles has created the most powerful banker enforcement arm to date for the Green New Deal, the Task Force on Climate-Related Financial Disclosures.

even more germane today as the impacts of climate change continue to mount and the time to act continues to shorten. [Emphases added.]

In 2017, this central bankers' task force began issuing recommendations to companies to aid them in their disclosures of “pertinent information” related to climate-related risks. The adoption of these integrated reporting disclosures would be voluntary. But in November 2020, the Bank of England issued this statement:

The Bank of England, jointly with the other members of the Government-Regulator TCFD Taskforce, set up to examine the most effective way to approach climate-related financial disclosures, has published an [interim report](#) setting out an indicative path towards *mandatory* climate-related disclosures across the UK economy, aligned with the recommendations of the Taskforce on

Climate-related Financial Disclosures (TCFD). [Emphasis added.]

This is the iron enforcement mechanism—forcing corporations and financial institutions to move out of physical production for human existence, and into an immense green speculative bubble—that the green bankers' dictatorship depends upon.

In the summer of 2018, the huge Wall Street fund manager BlackRock, Inc. took the side of the Prince and Carney, teaming with the latter at the Federal Reserve's Jackson Hole, Wyoming annual bankers' conference to add a deadly new tactic, which the BlackRock executives themselves called “regime change.” Central banks should take the field of fiscal spending away from governments which are slow to act. BlackRock's role in Charles' “re-wiring” is dealt with in the next section of this report.

Lyndon LaRouche on Who Invented Malthus

This excerpt is from Lyndon LaRouche's 1983 book, *No Limits to Growth*, available [here](#).

We begin with the case of the Reverend Professor Thomas Malthus himself. Who and what was behind his writing of his 1798 *An Essay on the Principles of Population*? It was the same stratum of wealthy families behind Malthus then, which has been behind the orchestration of neo-Malthusian propaganda and movements again, today.

During the year 1751, the leader of the cause of American Independence, Dr. Benjamin Franklin, wrote and published a pamphlet, *Observations Concerning the Increase of Mankind*, in which he argued, on premises of economic principles, for increasing rapidly the population of North America. A friend and admirer of Franklin, Gianbattista Beccaria, translated this pamphlet into Italian, and published it in Italy. The Italian edition of this pamphlet was greeted with an attempted rebuttal published by Giammaria Ortes, a leading spokesman for the powerful rentier-financier families of Venice.

Ortes's attack on Franklin found its way to Britain, and, at a somewhat later date, an ambitious young graduate of Oxford University's divinity school, Thomas Malthus, plagiarized and published Ortes's arguments as his own *Essay on the Principles of Population*. At that time, Malthus was in the service of the British Prime Minister, William Pitt the Younger. It was Pitt who sponsored the first, 1798 publication of Malthus's famous work. As Pitt stated to the British Parliament, it was Malthus's *On Population* which was used for the 1800 reform of the British Poor Law; Britain ceased to give financial assistance to its own "useless eaters."

That was the origin of the name "Malthusianism."

In honor of Malthus's achievement, the British East India Company created the first professorship in political economy to be established in Britain, appointing Malthus as first occupant of this position, at the Company's Haileybury College, where its own agents were trained. All the notable British economists—excepting the special case of Dr. Karl Marx—from Adam Smith and Jeremy Bentham, through John Stuart Mill—were, like Malthus, agents of the British East India Company.

Most, like Bentham, Malthus, David Ricardo, James Mill and John Stuart Mill, were associated with and coordinated by Haileybury.

This connection among British political economy, Malthusianism, and the African slave-trade and China opium-trade, is indispensable for understanding the nineteenth and twentieth centuries' eruptions of Malthusianism....

Adam Smith had defended the opium-trade in a manner consistent with his Scottish Calvinist's Jesuitical morality:

The care of the universal happiness of all rational and sensible beings, is the business of God and not of man. To man is allotted a much humbler department: the care of his own happiness, of that of his family, his friends, his country.... But though we are ... endowed with a very strong desire of those ends, it has been entrusted to the slow and uncertain determinations of our reason to find out the proper means of bringing them about. Nature has directed us to the greater part of these by original and immediate instincts. Hunger, thirst, the passion which unites the two sexes, the love of pleasure, and the dread of pain, prompt us to apply those means for their own sakes, and without any consideration of their tendency to those beneficent ends which the great Director of nature intended to produce them.

In the case of the British East India company and its American agents, the African slave-trade and China opium-trade; and, in the case of the leading American families, treason; were pursuits of profit by means of which they and their descendants might become wealthier, more powerful, and even all the more paragons of respectability.

The African slave-trade, the China opium-trade, monstrous usury, and the profitable occupation of treason, were the hallmarks of moral character and philosophy of the British East India Company and its American agents. These were the Malthusians then; their descendants, and the Swiss and "black nobility" descendants, are the force behind neo-Malthusianism today.

How the Pandemic Delivered a Reality Shock to the ‘Great Reset’ Plan

by Andrea Andromidas

COVID-19: The Great Reset

by Klaus Schwab and Thierry Malleret
Geneva: World Economic Forum, July 9, 2020
Paperback, 282 pages, \$10.99; ebook, \$4.99

Jan. 23—It became clear last year with the guest appearance of Greta Thunberg that the annual World Economic Forum (WEF) show at Davos is not just a gathering of the world’s wealthy. It brings together the most influential “green” ideologues, those who devised the decarbonization of the economy and planned the “Green Deal,” and who more recently have been promoting the “Great Reset.”

Klaus Schwab, the founder and Chairman of the World Economic Forum, makes no secret of the fact that his friend Prince Charles has been a kind of visionary for this illustrious society for years. On June 5, 2020, the Prince declared on the Royal Family YouTube Channel that the COVID-19 pandemic offers a golden opportunity to implement his great visions of the ecological transformation of the world. “It is an opportunity which we never had before and may never have again....” Really?

However, a month later, the book titled, *COVID-19: The Great Reset*, by Schwab and Thierry Malleret, released July 9, 2020, conveys in large part a very different impression, namely, that the unexpected reality shock is causing a great deal of concern in Malthusian circles. The legitimate fear is growing that, because of the pandemic, the international community will consider climate hysteria and zero growth to be out of

touch, and will rather focus on what differentiates man from the rabbit: the spirit of innovation, progress, and development toward a new era. People rightly look to governments to exercise their sovereign powers and responsibilities for the public welfare, and reject the destructive green agenda.

With this in mind, it is instructive to review *COVID-19: The Great Reset*. It is notable that the program for the 2021 WEF “Davos Agenda” week, January 25-29, does not pump the Great Reset. Nor does Schwab’s next book, for release January 27, *Stakeholder Capitalism: A Global Economy that Works for Progress, People and Planet*. We see an attempt to re-brand the poison.

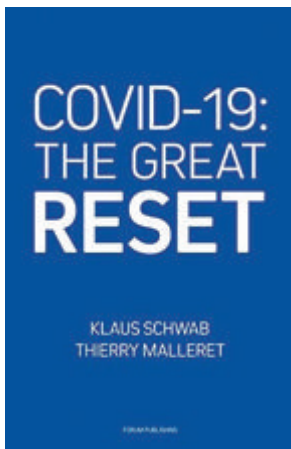
Pandemic—Reality Shock

The introduction to *COVID-19: The Great Reset* already states:

Historically, pandemics have tested societies to their core; the 2020 COVID-19 crisis will be no exception.... The changes [following on the 14th century Black Death] were so diverse and widespread that it led to an end of an age of submission, bringing feudalism and serfdom to an end and ushering in the era of Enlightenment. Put simply: The Black Death may have been the unrecognized beginning of modern man....

Then comes a quote from Henry Kissinger from April 2020 in *The Wall Street Journal*:

Nations cohere and flourish on the belief that their institutions can foresee calamity, arrest its





WEF/Benedikt von Loebell

Green ideologues: Greta Thunberg and Charles, Prince of Wales, at the World Economic Forum in Davos, Switzerland, January 22, 2020.

impact and restore stability. When the COVID-19 pandemic is over, many countries' institutions will be perceived as having failed.

On page 76 of the book, we find:

This will be particularly true for some rich countries endowed with sophisticated health systems and strong assets in research, science and innovation, where citizens will ask why their authorities did so poorly when compared to others. In these, the very essence of their social fabric and socio-economic system may emerge and be denounced as the real culprit, guilty of failing to guarantee economic and social welfare for the majority of citizens....

Unlike many others who turn a blind eye to reality, the circles around Schwab openly acknowledge that many Asian countries have been significantly more successful in dealing with the crisis, The book states on page 77:

However, and on aggregate, the countries that fare better share the following broad and common attributes:

They were prepared for what was coming (logistically and organizationally)

They made rapid and decisive decisions

They have a cost-effective and inclusive healthcare system

They are high-trust societies in which citizens have confidence in both the leadership and the information they provide.

They seem under duress to exhibit a real sense of solidarity, favoring the common good over individual aspirations and needs.

Biggest Green Fear: 'Big' Government Returns

On page 89 of *COVID-19: The Great Reset*, authors Schwab and Malleret cite the words of John Micklethwait and Adrian Wooldridge from an April 12, 2020 Bloomberg article, "The Virus Should Wake Up the West":

The COVID-19 Pandemic has made government important again. Not just powerful again, but also vital again.... It matters enormously whether your country has a good health service, competent bureaucrats and sound finances. Good government is the difference between living and dying.

Micklethwait is Editor-in-Chief of Bloomberg News, and Wooldridge is Management Editor and "Bagehot" columnist for *The Economist* magazine.

Schwab and Malleret themselves then continue:

One of the great lessons of the past five centuries in Europe and America is this: acute crises contribute to boosting the power of the state. It's always been the case and there is no reason why it should be different with the COVID-19 pandemic.

To understand such statements, one must know



WEF/Mattias Nutt

Klaus Schwab, Founder and Executive Chairman, World Economic Forum, speaking in the session on "Stakeholder Capitalism: What Is Required from Corporate Leadership?" at the World Economic Forum, 2020.

that the zero-growth propaganda machine of the past 30 years was built up entirely on supranational networks, in particular on international financial institutions and their lobbies, as well as multinational companies and an army of non-governmental organizations. The nation state, which must be committed above all else to the well-being of its citizens, was assigned a subordinate role, as is freely admitted in the following:

In the intervening decades (in the Western world) the role of the state has shrunk considerably. This is a situation that is set to change because it is hard to imagine how an exogenous shock of such magnitude as the one inflicted by COVID-19 could be addressed with purely market-based solutions. Already and almost overnight, the coronavirus succeeded in altering perceptions about the complex and delicate balance between the private and public realms in favor of the latter. It has revealed that social insurance is efficient and that offloading an ever-greater deal of responsibilities (such as health care and education) to individuals and the markets may not be in the best interest of society. In a surprising and sudden turnaround, the idea, which would have

been an anathema just a few years ago, that governments can further the public good, while runaway economies without supervision can wreak havoc on social welfare, may now become the norm. On the dial that measures the continuum between the government and the markets, the needle has decisively moved toward the left. (p. 91)

Continuing on page 92:

For the first time since Margaret Thatcher captured the zeitgeist of an era when declaring that, "there is no such thing as society," governments have the upper hand. Everything that comes in the post-pandemic era will lead us to rethink government's role.

Without naming Franklin Delano Roosevelt directly, Schwab and Malleret go so far as to warn of the possibility that the pandemic could cause something similar to what happened in the United States in the 1930s, which, for the financial mafia, is the worst-case scenario imaginable. FDR gave the priority to the real economy and he restricted financial operations. The book states:

Looking to the future, governments will most likely, but with different degrees of intensity,



WEF

Henry Kissinger, Chairman, Kissinger Associates, Inc., at the opening press conference of the World Economic Forum, 2008.

decide that it's in the best interest of society to rewrite some of the rules of the game and permanently increase their role. As happened in the 1930s in the U.S., when massive unemployment and economic insecurity were progressively addressed by a larger role for government, today a similar course of action is likely to characterize the foreseeable future.... (p. 93)

Pandemic Displaces Fear of Climate Change

The book laments that the pandemic has displaced the orchestrated issue of climate change, and that this displacement is not going away soon:

The pandemic is destined to dominate the policy landscape for years, with the serious risk that it could overshadow environmental concerns. In a telling anecdote, the convention center in Glasgow where the UN COP-26 Summit should have taken place in November 2020 was converted in April into a hospital for COVID-19 patients. Already, climate negotiations have been delayed and policy initiatives postponed, nourishing the narrative that, for a long while, governmental leaders will only be paying attention to the multifaceted range of immediate problems created by the pandemic crisis. (p. 143)

Continuing on page 144:

In reality, what happens with the fight against climate change in the post-pandemic era could go in two opposite directions.

1. The first corresponds to the narrative above: the economic consequences of the pandemic are so painful, difficult to address and complex to implement that most governments around the world may decide to “temporarily” put aside concerns about global warming to focus on the economic recovery. If such is the case, policy decisions will support and stimulate fossil-fuel heavy and carbon-emitting industries by subsidizing them. They will also roll back stringent environmental standards seen as a stumbling block on the road to rapid economic recovery and will encourage companies and



UN/Saw Lwin

Margaret Thatcher, UK Prime Minister, 1979-1990.

consumers to produce and consume as much as possible.

2. The second is spurred by a different narrative, in which businesses and governments are emboldened by a new social conscience among large segments of the general population that life can be different, and is pushed by activists: the moment must be seized to take advantage of this unique window of opportunity to redesign a more sustainable economy for the greater good of our societies.

The Davos Forum will push for the second way. What they call “the greater good of our societies”—or “stakeholder capitalism”—is in reality zero-growth fascism. In the second part of the book, Schwab and Malleret inform us of how they intend to invest in activism, and use lies as well as new measures of control for that purpose, because otherwise they are finished.

Our job is to make sure that such Malthusianism is finished off once and for all. We need to bring the pandemic under control by means of progress and open up a new period of development for humanity.

British Crown Think-Tank: We Intend To Take Away Your Food

by Gretchen Small

Feb. 5—The lead story on the website of Her Majesty’s Royal Institute of International Affairs (RIIA) since February 3, is a “research paper” laying out a strategy to systematically reduce food production and consumption worldwide. It proposes doing so by using methods similar to those being employed now to drive down energy use by banning fossil fuels—all in the name of defending “Nature.”

This [document](#) from the RIIA, “Food System Impacts on Biodiversity Loss: Three Levers for Food System Transformation in Support of Nature,” baldly admits that the *intent* of the monarchy’s policy is to *raise the cost of food worldwide, and forcibly reduce world food production permanently*. To propose doing so at a time when famine threatens hundreds of millions of lives, and an even greater number of families are going hungry in “rich” and poor countries alike, makes it undeniably clear that this is a plan for depopulation.

The five authors who wrote the paper are all veterans of the “climate crisis” mafia, starting with lead author Tim Benton, who heads the Energy, Environment and Resources Program at Chatham House (as the RIIA is known). Benton was one of the authors of the Intergovernmental Panel on Climate Change’s “[Special Report](#) on Climate Change and Land,” and the “UK Climate Change [Risk Assessment](#) 2017.”

Royals: ‘Reduce Food Demand’ Worldwide

The premise of the RIIA study is that “the production of food is the primary cause of biodiversity loss globally,” on land, and in freshwater and the seas.

“The area of land occupied by agriculture has increased by around 5.5 times since 1600 and is still increasing,” it says. “Currently, cropping and animal husbandry occupy about 50% of the world’s habitable land.” Production of food is harmful for “degrading or destroying natural habitats and contributing to species extinction.”

They object that for decades—



EIR/Robert Baker

The Royal Institute of International Affairs proposes to downshift humanity from high-value meat protein diets into predominantly plant-based diets. Shown: a plant-based product being sold in supermarkets.

Policies and economic structures have aimed to produce ever more food at ever lower cost. Intensified agricultural production degrades soils and ecosystems, driving down the productive capacity of land and necessitating even more intensive food production to keep pace with demand. Growing global consumption of cheaper calories and resource-intensive foods aggravates these pressures. Current food production depends heavily on the use of inputs such as fertilizer, pesticides, energy, land and water.

Therefore the RIIA proposes three “levers” for crushing the current “cheaper food paradigm.”

First: “Change dietary patterns to reduce food demand.... Continued growth in food demand exerts ever-growing pressure on land resources.” How? The most “crucial element ... to bring food system emissions in line with the temperature goals of the Paris Agreement on climate change,” say they, is to downshift humanity away from high-value meat protein diets into predominantly plant-based diets—and to lower plant food consumption too, by reducing “overconsumption of calories.” Americans are

singled out. The Royals calculate that “a switch from beef to beans in the diets of the entire U.S. population could free up ... 42% of U.S. cropland—for other uses such as ecosystem restoration or more nature-friendly farming.”

Second: Land must be taken out of farming, “protected and set aside for Nature.” Not on any small scale, either:

This will typically require significant areas of land to be left or managed for nature, primarily because the extinction risk for any species grows as its population size shrinks, and because many large animals require a large area of habitat to sustain an adequate population.

Third: Farming must be transformed; there must be a forced reduction of the inputs used in modern farming, including of the machinery which has freed men and women from backbreaking labor in the fields.

No one “lever” will work without the others, they repeat, but “dietary change”—reducing “food demand”—is “essential in order to preserve existing native ecosystems and restore those that have been removed or degraded.”



Deutscher Bauernverband

The RIIA admits the monarchy’s intent is to raise the cost of food worldwide, and forcibly reduce world food production permanently, “in support of Nature.” Shown is a large farmer protest in Berlin on November 26, 2019.

Since most of humanity will never voluntarily accept such policies, “global guidelines in policy areas such as responsible investment, dietary change and nature-based climate change mitigation solutions” are required. “Incentives” and “responsible investment”—cutting credit to modern farming, as also to modern forms of energy—will be necessary. Such are the proposed measures of the RIIA to the series of international conferences and summits scheduled for 2021 on “food systems and biodiversity,” and the first “UN Food Systems Summit” later in the year.

WEF’s ‘Mission Possible’ Targets The Building Blocks of Human Society

by Mark Bender

Feb. 1—The World Economic Forum (WEF), dominated in its recent conferences by Prince Charles, Mark Carney and Klaus Schwab, is the leading motivator of a new coalition of business and institutional powers which is now aiming



to break down the very building blocks of human economy. The emergence of this coalition, aimed directly to target the primary elements of industrial production as “carbon polluters,” illustrates how these oligarchical forces work.

Launched January 27 directly from the WEF’s five-day conference for the so-called “Great Reset,” the Mission Possible Partnership has set its sights on “decarbonizing” the cement, steel, aluminum and chemical industries, “as well as the ships, planes, and trucks that move them.”

Joining the WEF in this triage of humanity is its executive arm, the [Energy Transitions Commission](#), led by Lord Adair Turner of Ecchinswell, with 50 “commissioners” from the largest financial and multi-national institutions of Western society; the *Rocky Mountain Institute*, founded in 2004 and “globalized” through merger with Richard Branson’s *Carbon War Room* in 2014; and the *We Mean Business* coalition of globalized companies.

“If business continues as usual, by 2030 these global industries will exceed the total amount of carbon the world can emit this century based on a 1.5°C carbon budget,” these oligarchs pronounce. Therefore,

Our goal is to propel a committed community of CEOs from carbon-intensive industries, together with their financiers, customers and suppliers, to agree—and more importantly, to act—on the essential decisions required for decarbonizing industry and transport *in this decade*. We are orchestrating high-ambition disruption through net-zero industry platforms for seven of the world’s most carbon-intensive sectors.” [Emphasis added.]

Clearly these vital industrial sectors will have nowhere near their productive value if they are drastically “decarbonized.” As noted in this white paper, a chapter on the future of steel, written for the WEF by the think-tank SYSTEMIQ, forecasts a dramatic worldwide drop in steel production over the rest of this century, associated with the suppression of carbon fuel burning in steelmaking.

According to its [launch statement](#) on the WEF website:

The Mission Possible Partnership will be the delivery mechanism for Race to Zero Breakthroughs in hard-to-abate sectors. These are specific near-term tipping points for each sector of the global economy in the race to net



WEF/Sikarin Fon Thanachaiary

Lord Adair Turner of Ecchinswell, Co-Chair, Energy Transitions Commission: “Our goal is to ... decarbonize industry and transport in this decade.”

zero emissions, being launched by COP26 President Alok Sharma and U.S. Special Presidential Envoy for Climate John Kerry as part of the Davos Agenda. In late 2021, the Partnership will aim to showcase net-zero agreement breakthroughs in shipping, aviation, and steel. Within three years, it plans to help companies complete climate action agreements in these sectors as well as trucking, chemicals, cement, and aluminum.

So it is not “only” electric power generation, fossil fuel heating, and chemical fertilizers in agriculture which are under the “Great Reset” attack; it is the entire range of the most important industries of modern developed economies. This is hard-core Malthusianism of the oligarchical thinkers and agents directly around Prince Charles and City of London financiers. The Mission Possible Partnership claims to have over 300 multinational corporations already “on board,” whatever that currently means. From the tenor of the launch, those who don’t join (or step aside) will be destroyed through “defunding” or other options available to global oligarchs.

III. ‘Green Finance’ Is BlackRock, Inc.

‘Green Finance’ Hatchet Deployed To Reduce Population Everywhere

The British Malthusian oligarchy—controlling Mark Carney, former governor of the Bank of England, and others of the world’s main central bankers, and some of the most powerful asset managers, and bringing in political leaders like Joe Biden to push the “green new deal”—this oligarchy has now the most lethal weapon in its hands to impose massive austerity and reduce world population. It can shut down all financial flows going to life-sustaining fossil fuels and nuclear power.

On the front lines of these financial hatchet men is BlackRock, Inc., the world’s largest wealth management firm with more than \$8 trillion dollars under its control.

Mike Billington tracks the methods used by BlackRock to force companies in the developing and advanced sectors to abandon fossil fuels and move to “renewables.” Karel Vereycken describes the rise to power of this mega-asset manager and its infiltration of the new Biden administration.

BlackRock, Inc.: How ‘Green Finance’ Forbids Modern Fuels

by Mike Billington

Jan. 30—Under the guise of “anthropogenic climate change”—the Big Lie that industrial and agricultural carbon emissions are the cause of global warming—BlackRock is leading the way in forcing companies and nations to shut down fossil fuel energy production, especially coal. As most poor nations and many advanced nations depend primarily on coal for electricity generation—and given the current pandemic, and the famine threatening Africa and other areas of the world—these actions to force the shut-down of coal-fired plants constitute an important aspect of the deadly Malthusian effort to reduce the world’s population—i.e., it is an act of genocide.

BlackRock CEO Larry Fink announced in January 2020 that the firm would divest itself of any company which generated more than 25% of revenue from coal, along with other measures to force the closure of fossil fuel companies, and prevent the construction of coal-fired power plants, as it did in forcing Peabody Coal in

the United States back into bankruptcy. BlackRock threatened not only to disinvest, but that it might use its considerable influence to fire executives and members of boards of directors who would not follow such orders.

Fink’s 2021 [annual letter](#) to CEOs made this evil destruction of energy generation, in rich and poor countries alike, appear to be its “responsibility” as fiduciaries to the richest of the rich (BlackRock’s clients), to maximize financial returns, arguing that fossil fuel companies and other industries which have a large “carbon footprint” were losing equity value due to the supposedly popular belief that they are harmful to society. The question of which is the cause and which is the effect is obvious, as the rest of this Special Report makes clear.

Forbidding Coal Power

In May 2020, BlackRock informed KEPCO, the very large Korea Electric Power Corporation, major-

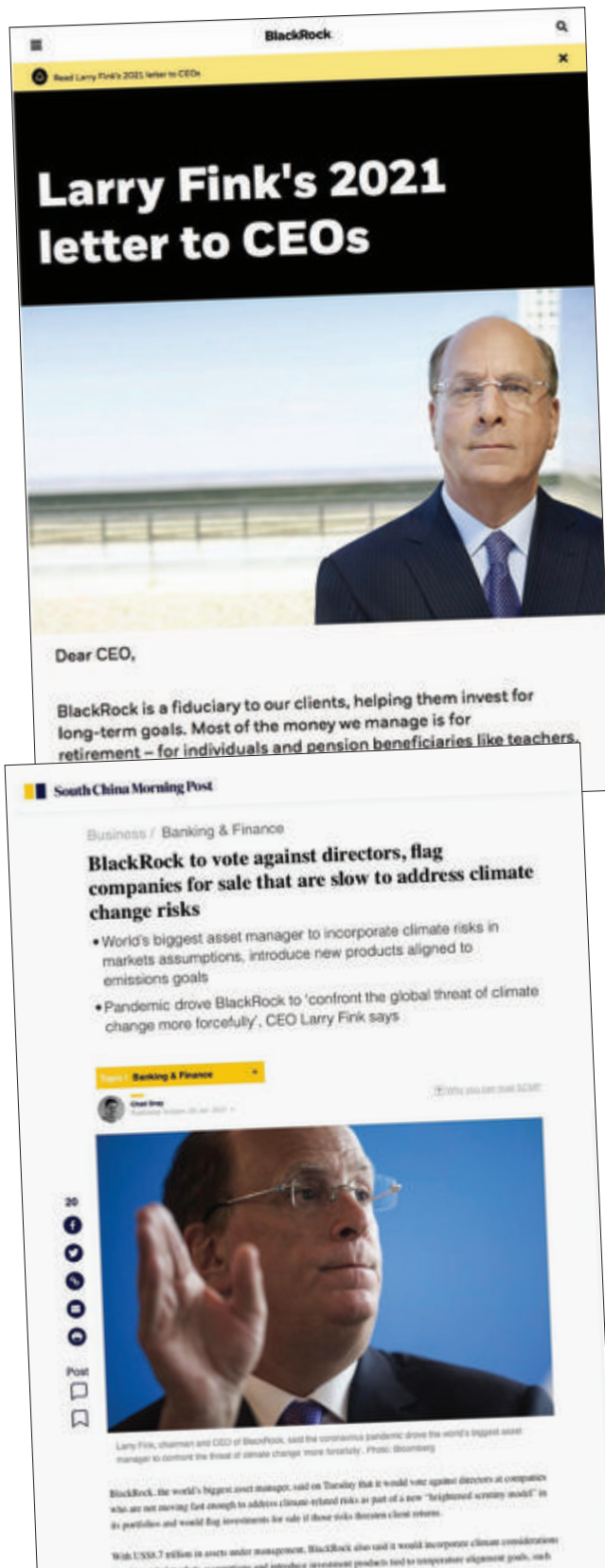
ity-owned by the South Korean government, that it must stop construction of coal-fired plants in Vietnam and Indonesia, or be punished financially. KEPCO has invested in power projects in 27 countries, with about 80% being fossil-fuel powered facilities, and it is also building nuclear power plants abroad. The BlackRock letter to KEPCO was co-signed by several other financial institutions—including the Church of England!

BlackRock soon added demands that KEPCO must cancel the contracted production of a 1,000 MW coal-fired plant in the Philippines, called Sual 2. Sual 2 was intended to replace Sual 1, which was built in the 1990s and was scheduled to be decommissioned in 2024. Even the U.S.-based Mongabay, a rabid greenie news site, while praising the shutdown of the Sual 2 project, admitted that Sual 1 “is credited by many with powering the town’s [Sual’s] development over the past two decades, boosting its annual average revenue to 380 million pesos (\$7.85 million) in 2017 from 75 million pesos (\$1.5 million) in 2001.” Such progress and improved standards of living are clearly not to be allowed by the Malthusians.

The announcement from KEPCO ending the contract to build Sual 2 came on October 16, 2020—an example of the power of BlackRock over nation-states. On October 28, just days later, the Secretary of Energy of the Philippines, Alfonso Cusi, announced that the government was declaring a moratorium on all new greenfield coal-fired plants. “We are pushing for the transition from fossil fuel-based technology utilization to cleaner energy sources to ensure more sustainable growth for the country.” “Sustainable growth” as used here is a euphemism for massively declining electricity availability and higher electricity prices. The Philippines already has rolling blackouts and the highest electricity price in Asia.

This is the same Secretary Cusi who four years ago supported the plan for reopening the mothballed Bataan Nuclear Power Plant in the Philippines, after learning about the plan from Philippine LaRouche Society chairman Butch Valdes, who had presented it at a regional meeting of the IAEA (International Atomic Energy Agency) in September 2016. But Cusi backed away from that pledge—most likely under pressure from the anti-nuclear Malthusians, as he has now succumbed to the BlackRock Malthusians.

KEPCO also announced, under pressure from



BlackRock, that it was cancelling a \$1 billion contract to build part of the 630 MW Thabametsi coal-fired plant in South Africa. As in the Philippines, South Africa has experienced rolling blackouts, as several major coal-fired power plants were shut down by greenies who successfully brought legal cases against them regarding water resources and other environmental issues. The World Bank has declared that 32 of the 48 nations of Africa are experiencing an energy crisis, while huge regions of the African continent have no electricity at all. Stopping all new coal-fired plants, while also shutting down existing plants, will drastically increase the death rate from disease and hunger. It will actually destroy the natural habitat the greenies claim to be defending, as trees are cut down for fuel.

Although KEPCO has declared that it will continue with the partially completed coal-fired plants in Vietnam and Indonesia, despite the BlackRock threats, it has capitulated to its command to launch *no new coal-fired plants anywhere in the world*.

Advanced Economies Not Spared

It is not only developing nations which the Malthusians are attempting to destroy. The bankruptcy of the U.S. coal giant Peabody was precipitated by BlackRock and other funds divesting millions of dollars from the company. Michael Bloomberg has played a major role in this destruction of the American economy, pumping more than \$500 million into his anti-coal campaign, called “Beyond Carbon.” At Peabody’s annual meeting, BlackRock voted against the re-election of the firm’s health and safety chair. It claimed “insufficient progress” in regard to setting targets for reductions in carbon emissions in keeping with the Task Force on Climate Related Financial Disclosures (TCFD, set up by the Financial Stability Board under the direction of then Bank of England head Mark Carney) and the Sustainability Accounting Standards Board (set up in 2011 to promote “ESG” criteria—environment, social, and good governance—on the financing of companies).

In Australia, BlackRock added its weight to a greenie attack on the nation’s largest electricity producer, AGL Energy. At an October 2020 shareholder meeting, BlackRock joined the demand that AGL move the scheduled date for closure of its huge 3,280 MW

Loy Yang coal-fired power plant—the largest in Australia—by 12 years, from 2048 to 2036. The *Financial Times* described this as “the world’s biggest asset manager showing its teeth over climate concerns in the country.” Loy Yang produces 50% of the electricity for the state of Victoria. BlackRock is also targeting AGL’s 2640 MW Bayswater coal-fired plant in New South Wales.

South Korea’s KEPCO is also under fire in Australia, where regulators of the green persuasion are attempting to block the development of a coal mine in New South Wales, in which the company has invested more than \$462 million over the past nine years.

BlackRock vs. Oil

According to a report in GreenTechMedia on September 8, 2020, “in the first half of 2020, more than 50 companies felt BlackRock’s disapproval over their lack of progress on climate change—including Chevron, ExxonMobil and German utility Uniper.” The report adds that a spokesperson for BlackRock reported that another 191 companies had “been put on watch,” to expect BlackRock to use its weight in their boardrooms in 2021.

In regard to Shell’s pledge to reach net-zero carbon emissions by 2050, BlackRock wrote: “We will hold the management and board directors to account for lack of progress on their delivery through future voting on director elections.”

Meanwhile, BlackRock is shifting billions of dollars into companies producing wind and solar operations all over the world—again raising the issue of whether BlackRock and its fellow Green Finance companies are driving energy prices up to create a new green bubble, under the cover of their pretended claim of “fiduciary responsibility” to invest profitably for their clients. There is no such thing as “fair market value” when you are talking about an \$8 trillion market player.

BlackRock’s intention is to impose a “post-industrial society” while maintaining the ultimate power of the Empire’s financial oligarchy centered in the City of London and Wall Street, despite the bankruptcy of that banking Empire. Create a green bubble for speculation, and divert all credit from long-term development into such speculative activity. It is a Malthusian script for depopulation.

BlackRock's March to World Power

by Karel Vereycken

Jan. 29—Since the 1999 official abrogation of President Franklin Roosevelt's Banking Act of 1933—the Glass-Steagall Act that imposed a strict separation between commercial and deposit banks on the one hand, in charge of keeping our savings and money safe by avoiding risk; and investment banks on the other, paid to take risks on the highly volatile markets—since then it has been the latter who have triumphed. Giant banks such as JPMorgan Chase and Goldman Sachs, who supplied and hired one top public official after

another, became the rulers of the world.

However, after the famous “Lehman moment” of 2008, some elementary prudential rules were enacted to try to prevent excessive speculation and systemic risk. Wall Street lawyers and greedy money sharks, of course, invented smart ways to sail around these obstacles. Armed with super-powerful computers using sophisticated algorithms, three giant “asset managers,” financial shadow corporations known as “The Big Three” (BlackRock, Vanguard and State Street),



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CC/C R

An evil “taxonomy”: From the towers of Goldman Sachs (left), JPMorgan Chase (right), and first and foremost BlackRock, Inc. (center), companies around the world are being told to stop investing in fossil fuels and their technologies, and to make investments in a new “green finance” bubble instead.

became the kings of the day. Here is how it happened.

As in Silicon Valley, Algorithms Decide

Since 2008, new technologies have transformed the world of finance. First, the spectacular improvement of computer technologies, notably the development of High Frequency Trading (HFT), has brought many private as well as institutional investors to shift capital from “actively” managed mutual funds to “passively” (computer) managed index mutual funds and “exchange traded funds” (ETFs).

While active management requires traders and fund managers who strive to buy stocks that will outperform others, “passive” management—the use of mathematical algorithms—turns out to work better and to be safer and cheaper. When the stock market rises steadily, tracking a stable basket of values with an algorithm pays off more than analysts’ intuitions. Academic research regularly demonstrates this.

The Big Three

Between 2008 and 2015, investors sold holdings of “actively” managed equity mutual funds worth roughly \$800 billion, while at the same time buying “passively” managed funds to the tune of approximately \$1 trillion—an historically unprecedented swing in investment behavior.

Crucially, this large and growing industry of “passive management” is dominated by the “Big Three”—BlackRock, Vanguard, and State Street.

Founded in 1988, initially as an asset and risk management firm with some emphasis on fixed-income institutional asset management, the New York-based firm BlackRock, Inc. is the world’s largest asset manager, with \$8.67 trillion in assets under management as of January 2021. For BlackRock, index “products” represent more than \$5 trillion of that total.

Just behind BlackRock, one finds the Vanguard Group, another U.S.-registered investment advisor with about \$6.2 trillion in global assets under man-



Peter G. Peterson, a former Secretary of Commerce, founded the Blackstone Group in 1985, which later set up BlackRock.

DoC

agement, as of January 31, 2020.

And lastly, the Boston-based firm State Street Global Advisors (SSGA) is another asset management company, with \$3.1 trillion under management. SSGA is a division of State Street, with \$36.64 trillion in custody, the world’s second-largest “custodian bank,” a specialized financial institution responsible for safeguarding a firm’s or individual’s financial assets and not engaged in “traditional” commercial or consumer/retail banking.

Of course, compared to the United States’ largest bank, JP Morgan Chase, which has on its

balance sheets \$3.1 trillion in assets, BlackRock, with \$165 billion of assets on its balance sheets, might look tiny. But through, not their ownership, but their “assets under management,” the Big Three of the “financial service” industry place themselves at the very center of global financial power. Today, and taken together, the Big Three manage about \$18 trillion, almost \$3 trillion more than the GDP of a country that is close to becoming the world’s leading economic power, China!

The primary source of these assets under management are pension funds, mainly those of California and New York state government employees. All have funded pensions and are hoping to see their own savings, already supplemented by their employer, blossom in the financial markets, under management.

From Blackstone to BlackRock

BlackRock is an offshoot of The Blackstone Group (TBG), an “alternative investment” management company founded in 1985 by Peter G. Peterson, a former CEO of Lehman Brothers, and Stephen A. Schwarzman. Peterson, a former Commerce Secretary, has always been at the forefront of the campaign to cut or privatize Social Security.

Two years after TBG’s founding, in 1987, in exchange for a 50% stake in the bond business, TBG gave a \$5 million credit line to Larry Fink and Ralph Schlosstein, who had previously run the mortgage-

backed securities divisions at First Boston and Lehman Brothers, to create a new firm. Peterson believed in Fink’s vision of a firm devoted to risk management. The firm that Peterson helped create, before adopting the name BlackRock in 1992, was called Blackstone Financial Management. Within months, its business turned profitable. At First Boston, Fink and his team had been pioneers in the mortgage-backed securities (MBS) market, a kind of high-risk financial derivatives completely decoupled from the real economy, being assets that Warren Buffett at one time rightly branded as “financial weapons of mass destruction.”

Moving into passive investing put BlackRock’s growth “on steroids,” says Gregory Warren, an analyst at Morningstar Inc. BlackRock has become the world’s largest global issuer of exchange-traded funds (ETFs) today; a pioneer in junk bonds; and even if it is not a bank, it has often been referred to as the world’s largest “shadow bank.”

Today, BlackRock employs 13,900 people spread over 30 countries, tasked with selling financial products or investing in new companies. In 2009, BlackRock, joining with the City of London, acquired



CC BY-SA/Gerhard Roux

South Africa relies on coal for 80% of its power. Shown: the coal-fired Arnot Power Station in Mpumalanga, South Africa. Under Pressure from BlackRock, the Korea Electric Power Corporation has cancelled a \$1 billion contract to build part of the planned 1,200 MW Thabametsi coal-fired plant.

Barclays Global Investors in a deal that included Barclays’ iShares ETF business; and three years before that, the firm acquired Merrill Lynch Investment Management. With the profits earned by selling financial advice to pension funds and institutional investors, BlackRock bought shares of 17,000 companies and firms, not only in the United States but worldwide, and they never fail to vote at each general meeting. French economic journalist, Grégoire Favet:



KEPCO

The 311 MW Cebu Power Plant in Naga City, Philippines, uses the modern Circulating Fluidized Bed Combustion method, showing a commitment by the Philippines to clean coal technology. BlackRock has forced the government to declare a moratorium on all new greenfield coal-fired plants, including a 1,200 MW plant under contract to be built by KEPCO.

As soon as BlackRock appears as one of your shareholders, your company stands out from the crowd and gains a huge amount of prestige. When you are Larry Fink, you can talk as equals with the director of the IMF or a head of state. Mr. Fink has already been received twice at the Élysée since the election of Emmanuel Macron.

Hence, the Big Three together constitute the largest shareholder of all U.S. corporations and are the largest shareholder in each of 88% of the S&P 500 firms.

In France alone, these funds are a

5-10% shareholder, via a string of subsidiaries, of Eiffage, Danone, Vinci, and Lagardeère, but also of Renault, Peugeot, Société Générale, Axa, Vivendi, Total, Sanofi, Legrand, Schneider Electric, Veolia, Publicis, etc. BlackRock is a shareholder, often the principal one, in at least 172 of the 525 French companies listed on the French stock exchange, the CAC.

The Magic Lamp of Aladdin

To understand the reason for the spectacular rise of BlackRock, one has to be aware that the key to “passive” index trading, derives directly from powerful computer technology for assessing risks in real time. Risk management became the foundation and the cornerstone of the firm’s entire platform. To get there, in 2000 BlackRock launched BlackRock Solutions (BRS), the firm’s own risk management division, which developed an electronic system called Aladdin (Asset, Liability, Debt and Derivative Investment Network). This electronic application—a cluster of 6,000 high-performance computer servers constantly monitoring nearly \$18 trillion, or 8% of the world’s financial assets—keeps track, in real time, of some 30,000 investment portfolios, including BlackRock’s own along with those of competitors, banks, pension funds, and insurers.

Thanks to this highly sophisticated computer system managed by a 2,000-person army of mathematicians and IT specialists, BlackRock, in a joint venture with Google, has shifted part of its investments from human analysts to the algorithms of its artificial intelligence platform.

Equipped with this very powerful analytical tool, and having access, as a major shareholder, to the balance sheets of a huge part of the Western economies, BlackRock has been increasingly called on to advise governments in crisis situations.

In May 2009, when the financial crises still looked unmanageable, BlackRock, together with top Wall Street lawyers from Sullivan & Cromwell and some others who legally engineered most of Wall Street’s high-risk mergers and acquisitions, were retained by the U.S. Treasury Department, not to liquidate, but to rescue (i.e., to analyze, unwind, and price) the toxic mortgage assets that were owned by investment bank Bear Stearns, the world largest in-



Pexels/Lukas

Armed with its Aladdin portfolio management software tool, BlackRock has leveraged increasing control over corporate and government financial decisions. Shown: A market monitor showing fluctuations in values.

surer American International Group (AIG), Freddie Mac, Morgan Stanley, Citigroup, and other financial firms that were going belly-up following October 2008.

Only BlackRock’s program Aladdin was “able to analyze the risks of investing in any stock, to highlight where to sell bonds to attract the best price, to track all transactions, to bring together all the data and have at hand information vital to investors,” explained the *Financial Times*.

Taking advantage of the panic, and of course for a good price, BlackRock put Aladdin at the disposal of other financiers, institutions, and increasingly, governments. Hence, BlackRock picked up a contract to monitor Fannie Mae and Freddie Mac, the public mortgage credit institutions that the federal government had just rescued.

For example, both Vanguard and State Street Global Advisors, the two other firms of the Big Three, are users of Aladdin, as are half the top 10 insurers by assets, as well as Japan’s \$1.5 trillion government pension fund, the world’s largest. Apple, Microsoft, and Google’s parent firm, Alphabet, the three biggest U.S. public companies, all rely on Aladdin to steward hundreds of

billions of dollars in their corporate treasury investment portfolios.

Auditing on behalf of the public sector, investing in the private sector: two self-evidently incompatible hats. As early as 2009, elected representatives started wondering. For example, Republican Senator Charles Grassley asked:

How is it that only one company is qualified to manage these assets recovered by the government? They have access to information about when the Fed will try to sell securities and at what price. And they cultivate highly developed financial relationships with people around the world. The potential for a conflict of interest is great and it's complicated to regulate.

Even President Donald Trump, on March 2020, when the COVID-19 pandemic started hurting the U.S. economy, called Larry Fink for advice.

Lobbying and Politics

In Europe, following the example of the Fed, the ECB called upon BlackRock to conduct stress tests for European banks including those in which it had shares. At the beginning of 2018, this contract was extended. Danièle Nouy, Director of the ECB's Supervisory Board, said that in 2016, the ECB had paid €8.2 million for the job. In financial terms, for a giant like BlackRock, this is very little. "Working for the central banks of the Netherlands, Spain, Ireland, Cyprus or Greece brings something much more exciting than money: information," notes *Wolf Street*, the well-informed website run by former trader Wolf Richter.

BlackRock has always said that it carefully manages potential conflicts of interest through a "Chinese Wall" that separates its consulting business from its asset management business. A promise that, of course, only engages those foolish enough to believe in it. In reality, the ECB has no power over this company. BlackRock's argument is simple: We don't operate with leverage; we don't act like banks, so we don't need to be regulated as a systemic institution.

In Europe, we find BlackRock as an auditor of banks engaged by regulatory authorities and as an



Gage Skidmore

Senator Charles "Chuck" Grassley (R-IA), speaking in May 2009, when the financial crisis seemed unmanageable: "How is it that only one company [BlackRock] is qualified to manage these assets recovered by the government?"

adviser to states on privatization. In the Autumn of 2017, it was invited by the French government to sit on the Comité Action Publique 2022 (CAP 2022), a kind of second Attali Commission, meant to sketch out the future contours of the French state. Behind the scenes in Europe the firm is very busy countering any attempt to increase regulation of large financial firms.

To consolidate its grip on world power, BlackRock increasingly invests in politicians. Just as did Goldman Sachs when hiring Peter Sutherland, the former boss of the World Trade Organization; Manuel Barroso, the former head of the EU Commission; or Mario Draghi, the former head of the ECB, BlackRock has set its sights on Europe and spends heavily on recruiting top political figures possessing large address books. Notably this includes the failed successor of Chancellor Merkel, Friedrich Merz; the former head of the Swiss National Bank, Philip Hildebrand; the former UK Finance Minister George Osborne; or Paschalis Bouchoris, the former head of the Greek privatization program. Larry Fink can fly to Europe and in less than five hours get an appointment with most EU presidents, prime ministers, or CEOs of large business corporations.

For Biden, Only BlackRock’s Life Matters

This year’s Davos “Great Reset” agenda meeting has no doubt accelerated the transition into green finance. That U.S. President Joe Biden, who has made the Green New Deal his policy, picked several high-level officials of BlackRock to be part of his administration, is no surprise.

As reported in 2016 by *The Intercept*, Larry Fink, betting Hillary Clinton would win the elections—

assembled a veritable shadow government full of former Treasury Department officials at his

The Intercept took the occasion to expose “asset management”:

Asset managers don’t package and sell dodgy financial products like investment banks, and don’t trade with borrowed money like hedge funds, so they are typically viewed as more restrained and less averse to regulation than their colleagues in those related industries. But they are embedded in the broader financial system as voracious buyers of securities.... They may not create the risk, but they own a lot of it....

Whether buy-side firms like BlackRock represent a systemic risk to the financial system is the subject of some debate. Some believe asset managers could trigger problems by failing to pay off counter-parties, or being forced into a fire sale of their assets.

[But Fink and BlackRock] pushed hard to successfully resist the designation of asset managers as systemically important financial institutions (or SIFIs), which would be subject to additional regulation like larger capital requirements.



Laurence Fink, Chairman and CEO of BlackRock, Inc., the world’s largest asset management firm, with more than \$6.5 trillion in assets under management, speaking at the Davos Agenda 2021 World Economic Forum.

Directly opposing the fight of the Lyndon LaRouche movement, “Fink also opposes efforts to reinstate the Glass-Steagall firewall between investment and commercial banks, as does [Hillary] Clinton,” wrote *The Intercept*. Reinstatement of the Glass-Steagall Act would pave the way for an economic and industrial renaissance in the United States and abroad,

company. Fink has made clear his desire to become Treasury Secretary some day. The Obama administration had him on the short list to replace Timothy Geithner. When that didn’t materialize, he pulled several members of prior Treasury Departments into high-level positions at the firm, an attempt to improve the prospects of realizing his dream in a future Clinton administration.

Hillary Clinton, for her part, of course never ruled out a Treasury Secretary drawn from Wall Street. Fink’s ready-made team was available for a move from Wall Street to Washington.

What BlackRock failed to impose under Trump, it now hopes to implement under Biden. To start with, Biden appointed lawyer Adewale “Wally” Adeyemo, the former chief of staff to Larry Fink, as Assistant Secretary of the Treasury, that is, as the number two to Janet Yellen, Obama’s former Federal Reserve Chairman. From the beginning, Biden’s donors had suggested that he appoint Larry Fink as Secretary of the Treasury! As a symbol, it

was probably a bit too controversial as a starter.

Adeyemo, who was born in Nigeria but grew up in California, first worked as editor of the “Hamilton Project,” an economic think-tank under the Brookings Institution set up by Obama confidant Peter Orszag of the investment bank Lazard Frères. Adeyemo is also a member of the circle of gravediggers of the Glass-Steagall Act, including Larry Summers, Timothy Geithner, Robert Rubin and Eric Schmidt of the Alphabet group (Google). Adeyemo then became Jack Lew’s deputy chief of staff at the Treasury Department. He then operated as a chief negotiator for the major ultra-liberal free trade agreement called the Trans-Pacific Partnership. Under Obama, in 2015, he was appointed Deputy National Security Advisor for International Economics and Deputy Director of the National Economic Council. He then became the first president of the Obama Foundation.

Next, Biden named Brian Deese as director of the National Economic Council. On BlackRock’s website, Deese’s CV reads as follows:

Brian Deese, Managing Director [of BlackRock], is Global Head of Sustainable Investing at BlackRock. The Sustainable Investing team is focused on identifying drivers of long-term return associated with environmental, social and governance issues, integrating them throughout Blackrock’s investment processes, and creating solutions for our clients to achieve sustainable investment return. Previously, Brian worked in the White House under President Obama where he was the President’s senior advisor for climate and energy policy, helping to negotiate



Adewale “Wally” Adeyemo, former chief of staff to BlackRock’s CEO Larry Fink, is now Assistant Secretary of the U.S. Treasury Department.

the Paris Climate Agreement and other national and international initiatives.

Third, Michael Pyle, an Obama administration veteran who also worked on economic policy in Hillary Clinton’s presidential campaign and whom we mentioned before, was nominated as chief economist to Vice President Kamala Harris.



Brian Deese, formerly Global Head of Sustainable Investing at BlackRock, is now Director of President Biden’s National Economic Council.

Joe Biden initially envisioned even nominating Tom Donilon, the president of the BlackRock Investment Institute (BII) as head of the CIA, but that didn’t materialize. Tom Donilon, besides being the brother of Biden’s main media advisor Mike Donilon, is a member of the Trilateral Commission, the Council on Foreign Relations (CFR) and the Executive Board of the secretive Bilderberg Society.

As documented in the other articles of this dossier, BlackRock is working overtime to bring a willing Biden into the British genocidal plan to “green” the world’s finance—not to save the climate, but to save their doomed and already collapsing empire of debt “assets” and fictitious capital.

In Defense of Treasury Secretary Alexander Hamilton

The following was published in 1987 by the LaRouche Democratic Campaign Committee.

by Lyndon H. LaRouche, Jr.

June 22, 1987—Today, Alexander Hamilton, our republic's first Treasury Secretary and Inspector General of our armed forces, seems to be a giant, and our contemporary political leaders Lilliputians by comparison.

When Hamilton entered the post of Treasury Secretary, our nation's indebtedness and economy were in a terrible condition, similar in many ways to the economic disaster we are suffering today. Under Hamilton's program of recovery, our national credit was restored, our banking system became the soundest in the world, and prosperous growth was unleashed throughout most of our nation.

These policies of credit, banking, and economy, which Hamilton outlined in his famous reports to the Congress, became admired and envied worldwide by the name of the "American System of political-economy."

Under the administrations of Thomas Jefferson and James Madison, Treasury Secretary Gallatin scrapped the American System, and introduced Adam Smith's free-trade dogmas instead. The result of this change was a ruinous one. Under Presidents James Monroe and John Quincy Adams, Adam Smith's ruinous ideas were scrapped; Hamilton's American System was restored. National credit, banking, and economy were saved.

Presidents Jackson and van Buren destroyed the American System, and reintroduced the ruinous policies of Adam Smith. The result of Jackson's policies was the terrible Panic of 1837.

I have lived personally through a similar experience

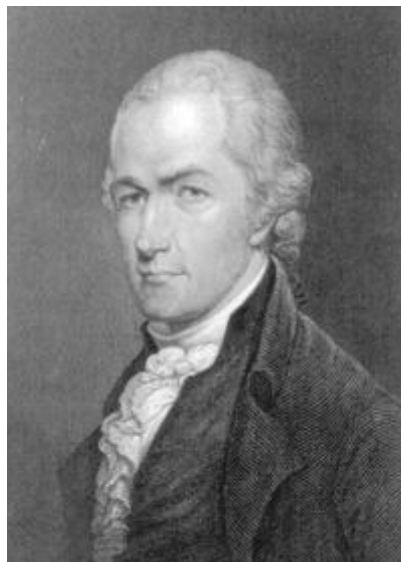
in my own lifetime. The Coolidge and Hoover use of Adam Smith's policies, during the 1920s, plunged the world into a Great Depression. Most Americans suffered greatly through 1938, until President Franklin Roosevelt began his first steps toward preparing us for the war with Hitler he already knew then was inevitable.

Many of you are told today, that it was military spending that pulled the United States out of the depression. I was there, and saw, as did many of my generation, exactly how the economic recovery of 1940-42 was organized. It was not the war which caused the economic recovery. President Roosevelt created the economic recovery to bring the production of our farms and industries up to levels needed to support our mobilization for war. It was not the war which caused the economic recovery; it was the economic recovery which made it possible for us and our allies to win the war.

We could have had an even better economic recovery, if we had not been forced to do this under the costly, inflationary conditions of war.

Despite the inflationary costs of full-scale war, the U.S. recovery of 1940-43 was one of the greatest successes in the economic history of the world. All of the prosperity we enjoyed during the 20 years after the war, was a result of the high levels of farming and industrial potential we built up by 1943....

The time has come, to junk Adam Smith's ruinous policy of free trade, and to return our country to what Secretary Hamilton was first to name "the American System of political-economy." That is what I intend to do as your next elected President of the United States.



Engraving by E. Prud'homme

Alexander Hamilton

IV. Economic Studies

A Disaster for the United States Economy

by Paul Gallagher

Man, unlike the beasts, is able to change his population density by development.

— Lyndon LaRouche

Feb. 5—The human species is, we must realize, also tragically able to *decrease* its population density by great masses of unnecessary deaths, either by war, or by intentionally reversing development, forcing into reverse the advance of mankind’s scientific and technological capability. Examples of intentional depopulation can be seen in the history of the British Empire’s impositions on their colonies, as in 19th-Century India and China; and in what that empire sought to do to its American colonies, helping trigger the War of Independence. It is seen in the plan originated in Britain’s World Wildlife Fund and similar imperial bodies decades ago, and is now shamelessly called the “Green New Deal,” as if FDR could have stood for such a thing.

In Germany or the United States, the continued imposition of a “Green New Deal” means tremendous price increases for electric power, industrial chaos, blackouts.... But in Africa, India or any less industrially developed nation, it means population reduction by millions of unnecessary deaths.

What It Means To Shut Down Coal

With shock, the South African government learned late in 2020 that its new coal-power projects are cancelled, and it is under pressure to close down, in this decade, many of the coal-power plants which provide the lion’s share of electric power to the country. The world’s biggest fund management company, Wall Street’s BlackRock, Inc., pressured South Korea’s leading power engineering company, KEPCO, which was building the South African power complexes, to abandon them.

Following this shock, the new CEO of the South Af-



USGS

For the United States, the continued imposition of a “Green New Deal” means tremendous price increases for electric power, industrial chaos, and blackouts. Shown: A U.S. coal-fired power plant.

rican national power utility ESKOM (Electrical Supply Commission), under the same pressure, announced that South Africa would close one-third to one-half of its coal-fired plants by 2030—15-20 gigawatts. This is 30% or more of its total electric power capacity, in a nation which suffers chronic local and regional blackouts! In 2020, ESKOM had discussed requesting proposals for up to 12.5 GW capacity in small modular nuclear reactors; but this idea is not near realization or

financing. Proposing to replace coal power with wind and solar is pathetic.

South Africa is a nation twice the size of the U.S. state of Texas, and with a comparable population density, but only half the electric power generation capacity. Just as overpriced projects of giant wind farms in the windiest parts of West Texas, with 750-mile new transmission lines to bring the power to the Gulf Coast, have been abandoned more than once, so any similar idea for South Africa is an expensive folly and would leave a completely unreliable electric grid even if it could be done.

Worse, electricity use *per capita* in South Africa has been dropping since 2008 and is now (2019) 3,800 kWh per year, less than half of the European level and 1,000 kWh/year less than in 1997 according to the IEA. The country's hospital systems are, in some regions, overwhelmed already by the COVID-19 pandemic and subject to electricity unreliability. If this drop is extended and worsened by attempts to cut down the overwhelmingly dominant electricity source, reduction of the population will be a fact.

Dr. Kelvin Kemm, CEO of Stratek CC and former board chairman of the South African Nuclear Energy Corporation, made clear in his [presentation](#) on September 6, 2020 to a Schiller Institute webinar, that South Africa needs small modular nuclear plants as soon as possible to be built near population and production centers, where distribution lines can be made adequate.

Bloomberg's and Fink's 'Beyond Coal'

The incoming Biden Administration has a policy of prohibiting any new power production with coal. The nominated Secretary of State, Anthony Blinken, denounced coal-power plants during his confirmation testimony, while blaming their construction on China. "We are not going to allow foreign investment in dirty technologies," Blinken told the U.S. Senate, specifically referring to China's building of coal-fired power plants in Belt and Road nations.

BlackRock CEO Larry Fink released a letter to corporate CEOs, timed with the World Economic Forum summit, in which he stated:

More and more people understand that climate risk is investment risk. When finance really understands a problem, we take that future problem and bring it forward. That's what we saw in 2020....

In other words, what the public is told is the risk of *future* effects of climate change, is actually made by

huge funds like BlackRock into the *immediate* risk of denial of investment.

In the United States, half of all coal-power plants have been closed over the past five years by BlackRock's and Sir Michael Bloomberg's "Beyond Coal" drive, in spite of President Donald Trump. While the larger and more modern ones remain on line, for now, rated coal-electric generating capacity has fallen by half. Coal-power electric generation fell by 25% in the United States in 2020 alone. This was not a function of lower economic activity under the pandemic. Wind- and solar-power generation *rose* by 12% in the same time; natural-gas turbine generation by 9%; while nuclear power generation fell by 2.5%.

The Energy Information Agency (EIA) says that total electricity use in the United States in 2020 was approximately 7% less than two years earlier, and will remain at that depressed level in 2021. Since coal was slightly above 20% of electric power generation in 2020, the drop in coal power almost entirely accounted for the drop in power overall. The two will continue together.

Neither solar- and wind-power capacity, nor the cycling gas turbine generation capacity necessary to back it up, are being, or can be put on line in the United States as rapidly as coal-power capacity is being taken off. Nuclear power capacity is slowly shrinking at the same time. According to the U.S. Energy Information Administration (EIA) total electricity consumption dropped in 7 of the 13 years from 2007 to 2019, including 3% in 2019, and then the above-cited 7% drop in 2020. *Per capita* annual electricity generation and use has fallen since 2009 from nearly 14 MWh to 11.5 MWh, a huge 17% drop, which was accelerating in 2019 and 2020. Industrial electricity use *per capita* has dropped by 25% during that decade-plus, from just under 4 MWh to just under 3 MWh/year, according to charts by Gail Tverberg on OurFiniteWorld.com from EIA data.

Productivity Progress Reversed

One way of expressing productivity in industrial processes would be the ability to use less energy, less work, to produce the same product, and therefore to produce more and better output with the same input of energy and work time. Technological progress usually accounts for this increase in productivity. The "Green New Deal" proposes to reverse that across the U.S. economy.

The plan by that name, introduced during 2019-20 by Senators Bernie Sanders and Edward Markey and Representative Alexandria Ocasio-Cortez, and sup-

ported then by many other Democratic officials, proposed to replace both 100 million gasoline-powered motor vehicles with electric vehicles, and half of the coal and oil used in residential and commercial heating with electricity. This would require roughly 360 gigawatts (a gigawatt, GW, is one million kilowatts) of new electric power capacity in the U.S. fleet of power plants. But since at the same time, the Green New Deal also eliminates coal-fired power production in the provision of electric power *for industry*, and replaces it with “renewables,” about 485 GW of new electric power capacity would be needed.

But all electric power capacity is not the same by any means. A wind farm of, say, 1,000 megawatts (a megawatt, MW, is one thousand kilowatts) of rated capacity, takes 7-10 years to build, and its “median performance”—actual electricity generated—is half or less than that of a 1,000 MW coal-fired plant, which takes three years to build. (A solar farm generates one-quarter or less.) To make up for this, closer to 900 GW of new electric power would be required *if in the form of wind power* (much more than that if solar); and it will take three times as long to add it, than if the new power were in the form of modern “clean” coal-fired power plants—which emit carbon dioxide but release very low levels of nitrous oxides, sulfur dioxide, and particulates.

A huge bill of materials would be required to build the 200,000 or so large wind turbines necessary for this, not to mention an impossible/unavailable bill of materials for all the electric vehicles (see “Electric Vehicles, But No Electricity” in this report). But leave these huge obstacles aside for the moment and consider: Since all these different forms of power plants are produced by industrial processes, industry would be using far more energy and expending far more work-time, than the existing energy and work it is replacing in the form of electricity from coal-fired and nuclear power plants.

This would seem to be central to the definition of *lowering* economic productivity.

Anti-Productivity in Detail

Consider the replacing of 100 million gasoline-burning motor vehicles with electric vehicles (out of about 250 million personal motor vehicles and trucks on American roads). If they are driven 50 miles/day, these 100 million electric vehicles will require 1,300 gigawatt-hours (GWh) of electric power per day, or 13% of total current American electricity use.

Keep that figure in mind to consider the second

“leg” of the Green New Deal, “electrification of all buildings.” The claim is constantly repeated, of replacing fossil fuel use in residential and commercial buildings, primarily for heating, with electricity. Approximately 20% of the current 4 million GWh-equivalent of U.S. residential and commercial energy use per year is currently not provided by either electricity or natural gas. (Gas is, of course, a fossil fuel, but it is given an opportunistic pass for decades to come by some Green New Dealers.) Replacing that 20% with 800,000 GWh/year of electric power requires raising U.S. generation and use by another 20%, beyond the 13% for electric vehicles. But because it is intermittent, the median output of a given electric capacity of wind power is half that of the same capacity powered by coal; for solar power, it is one-fourth that of coal power. So, at best, replacing that 20% of residential and commercial energy use with electricity *produced by wind and solar* will actually require 1.6 million GWh/year or more of added power capacity. That means adding 440 GW of new capacity at the median output of wind, which is considerably better than that of solar; and the 100 million electric vehicles discussed above will require 280 GW new capacity at the median output of wind.

So, the total new capacity required for just these so-called “sustainable” goals of the Green New Deal, 720 GW, is equal to two-thirds of the entire United States electric power fleet.

Thirdly, some 9% of the United States’ total energy use consists in industrial use of coal and oil for energy. If even half of this were supposed to be replaced by “renewable” sources—which, in the “green finance” taxonomy, don’t include nuclear electric power—that would require building wind and solar power equivalent to another 125 GW capacity—but actually more, 250 GW *at the median output of wind turbines*. So, the Green New Deal would require *adding*, in total, the equivalent of nearly 90% of the United States current electric power fleet, which has 1,100 GW rated capacity.

If all this were wind turbine power, by a very conservative rounding down of specifications given in the U.S. Department of Energy’s “Ultimate Fast Facts Guide to Nuclear Energy,” it would cover 6.5% of the United States’ land mass, 250,000 square miles of wind farms, the size of Nevada, Arizona and half of Colorado. If solar, it would devour the area of five such states. Also needed: conservatively, 150-200,000 miles of new long-distance high-voltage transmission lines, even assuming that local distribution lines would be able to distribute all the additional power. And we’re

President Trump wanted to give the southwest border a new wall. President Biden wants to give the whole country a new solar floor, and walls of windmills. Occupying only a tiny fraction of that land area, fourth-generation small modular nuclear reactors can be produced in this decade with readily available bills of materials—unlike the huge lithium-cobalt batteries which supposedly will raise solar and wind efficiency.



CC/Tom Brewster



TVA

The Watts Bar Nuclear Power Plant, near Spring City, Tennessee; a Desert Renewable Energy Conservation Plan solar array in California; and a wind turbine farm in California.



CC BY-SA 2/Erik Wilde

not talking about the power losses in transmission along these very long new high-voltage lines.

Almost buried under this Green New Deal scheme would be the only sensible act suggested by it—electrifying rail passenger and freight transportation and raising it to higher speeds. This, by contrast, would require only an addition to U.S. total electric power capacity of about 1%, or 10-12 GW of new power; or 25-30 GW new power to include the additional construction of 10-12 new high-speed rail corridors. But in the Green New Deal, electrification of existing rail lines is *not* proposed.

Electricity Grid Nightmare

These comparisons of different power sources are summarized in a more compact form in **Figure 1**.

That electricity would become twice, perhaps three times as expensive as the current average 10-11

cents/kWh in America, can be assumed from the experience of Germany and Denmark which are well embarked on this road, though not this far. This will cut capital investment and power use in industries of every type. In areas where concentrations of high-technology industry remain, such as the northern Midwest states, the South and Southwest, the attempt to use electricity grids largely supported by intermittent power technologies will cause damaging power interruptions—and the same is true regarding modern med-

FIGURE 1
Power Efficiency by Energy Source

Power Source	Energy Conversion Efficiency	Median Performance (Output)	Power Efficiency
Hydro	80-90%	70% (2006-16 average)	60%
Nuclear	35%	85-90%	30%
Fossil fuels	37%	75%	28%
Wind	Up to 45%	20%	Up to 9%
Solar	20%	20% (2006-16 average)	4-5%

ical centers with complexes of hospitals and clinics.

But much more dangerous will be the condition of the now much larger, supposedly much “smarter” electric grid. If anything like the scheme described above *could* be carried out, it would require a U.S. electrical capacity of some 2,000 GW installed, nearly half of which would be wind and solar farms whose generated output fluctuates *daily* between zero and 40-50% of their rated power capacity. Since no electric grid obeying the laws of electrodynamics, no matter how “smart,” could cope with this constant huge fluctuation, the 1,000 GW of newly added power would consist of a mix of wind and solar farms, and large numbers of new natural gas-powered turbine plants which “back up” these “renewables”—better called “interruptibles.” The other half of the U.S. fleet would also continue to include a very large number of gas turbine plants, with declining numbers of nuclear power plants and hydroelectric dams, and some biomass mini-plants.

A very large share of the natural gas and nuclear plants—while capable of relatively stable and reliable operation for the gas turbines and extremely reliable operation for the nuclear plants—would instead be ramped up and down, shut down and restarted, according to the demands of the intermittent and fluctuating output levels of the “interruptibles.” The performance of the nuclear plants in particular would be degraded by this, and their operating lifetimes shortened closer to the very short lifetimes of the wind turbines and solar farms.

And the more wind and solar were added to the grid, the more unstable it would become, as amply shown by the German “energy transition” since 2011 (see report on Germany in this White Paper). To the prospect of a nationwide blackout due to existing but remote threats—a huge solar coronal ejection directed at the Earth, or an EMP attack using nuclear weapons—we will have added the increasingly grave threat of a nationwide blackout due to our own policy of returning to “throwback” energy technologies with low energy-flux densities.

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CC/Payton Chung

World steel production under Green New Deal measures would decline dramatically. Shown: Two arc furnaces in the interior of a Finkl Steel forging mill in Chicago.

Steel- and Auto-Making Productivity Falls

The other crucial economic sectors in which the Green New Deal would do irreparable damage, are agriculture and livestock raising, and steel production. A 2020 study by a think-tank for the OECD called SYSTEMIQ, which was created under the Paris Accord to look for long-term arcs of change in various sectors under a Green Deal, made the shocking forecast that world steel production would decline by 23% between now and 2100 under what it called “the Paris Effect”!

In the eyes of these neo-Malthusians, the global steel sector already “suffers from overcapacity.” The Malthusian solution is revealed in the graph accompanying the study’s chapter on steel, where global steel production is assumed to decrease from 2,342 metric tons (Mt) per year to 1,786 Mt by the year 2100. Within this total, the segment of “primary production” further shrinks 50%—because primary steel production requires large-scale heating and burning of carbon fuels—while the segment of “recycled” steel by electric-arc and similar processes more than doubles, comprising more than half of all steelmaking by 2100.

Recycled steel is inherently of a lower quality (strength) than high-carbon primary production product, and some special grades of steel cannot be reliably produced by recycling at all.

The sponsors of this [SYSTEMIQ](#) include Lord Nicholas Stern, another protégée of Prince Charles, and Klaus Schwab of the World Economic Forum, and the Green Finance Institute.

So, it is not only difficult to see where all the materi-

als for hundreds of millions of very large lithium batteries for electric vehicles will come from; it is hard to see even where the high-quality rolled steel products to make the vehicles themselves will be coming from. (Not to mention the special steels required for rails for high-speed and magnetic-levitation rail transport.)

The Example of California

California is as far ahead of the rest of the United States in implementing the Green Deal, as Germany is in making a cautionary tale for Europe.

California's governor in 2005 issued an executive order, then made law by its 2006 Global Warming Solutions Act, that it would cut CO₂ emissions to just 20% of the 1990 level by 2050; and, among other things, that it would not only eliminate coal power but refuse to *import* coal-fired power from any other state. It has since done these things. But its attempt to replace coal and nuclear with constantly expanding wind farms, solar farms and natural gas turbine plants has failed.

Electric power generation in California dropped by 2.7% in 2019, while "interruptible" power technologies rose from 55% to 57% of total rated capacity. The state's target is that this will become 100% by 2045. Coal has been eliminated in the state, and nuclear power plants, which once had combined installed capacity of 12 GW, now are at 2.4 GW from a single plant, Diablo Canyon, and will go to zero in 2024.

The state's *per capita* energy consumption is the third-lowest in the nation. Regarding actual generation of electricity as opposed to installed capacity: Coal power has been completely eliminated in the state; residual nuclear energy is just 2.6% of total generation compared to 19% nationwide; wind, solar, biofuel and hydro accounted for 36.6%—double the national average—and natural gas turbine plants for 60%. *This is precisely the Green New Deal profile for electric power, as detailed above.*

The result is also predictable. In-state generation of electricity fell by 5% in 2018 before the above-cited 2.7% in 2019, the result of shutting (inclusive of 2020 actions) about 12 GW of gas turbine capacity. The residential electricity price is 50% above the national average; the commercial electricity price, 70% higher; and the price for industrial electricity, 150% higher.

California suffered regional power blackouts three times in 2019 and 2020 combined. These occurred because the state government attempted to shut down some of the ("polluting") gas-turbine capacity, which

had replaced coal and nuclear and had become the back-up redundant power for the wind and solar farms. With power demand high in the summer, the state regulator, which already was far above any other state in importing power from other states, tried to import still more at high-demand times of day and was rebuffed. Blackouts ensued, primarily in the southern part of the state.

Remarkably, after the August 2020 "high-level emergency" declared on the grid, with wholesale electricity prices reaching \$1/kWh and the ensuing regional blackouts, California's governor acknowledged that the state's economically suicidal energy policy was responsible. Governor Gavin Newsom said the displacement of fossil fuel by solar and wind was "a moral and ethical imperative" but it had created "gaps in reliability" in the electric grid. Thus, we are morally and ethically required to have unreliable electricity supplies through a "Green New Deal."

Manufacturing growth has been rendered nearly impossible in a state which once led the nation in high-skilled aerospace manufacturing, for example. California had 2,050,000 manufacturing jobs in 1990 but is down to 1,220,000 at the start of 2021, a 40% drop. During the gain of approximately 600,000 manufacturing jobs nationwide during the Trump Administration's first three years, California's manufacturing employment stagnated; it remains at the level of 2015.

California imports one-third of its total electricity—and will not, by law, import power produced by coal. Were even a significant minority of states to reach that situation, regional power blackouts would become a certainty, producing chaos in industry, medical care, and many other fields.

In a nation in which states with a great deal of nuclear and coal power, such as Pennsylvania, Illinois and Alabama, are the biggest exporters of power; and states like California and New York, with no coal and only residual nuclear power, are the biggest importers; the consequences of imposing California's Green New Deal nationwide are obviously dangerous. The biggest electricity importing states also exhibit lower, and falling *per capita* electricity use; New York's electricity use, for example, as of 2018 became the fourth-lowest *per capita*, above only California, Rhode Island and Virginia. New York has just eliminated 13% of its power capacity by closing the remaining Indian Point nuclear reactors, and despite plentiful hydropower, is getting most of its power from "interruptibles" and from natural gas.

June 10, 2014

THE FOUR NEW LAWS TO SAVE THE U.S.A. NOW!

Not an Option: An Immediate Necessity

by Lyndon H. LaRouche, Jr

In 2014, Lyndon LaRouche posited that, since the United States under George W. Bush and Barack Obama had done nothing to reverse the collapse of the Hamiltonian, American System of Physical Economy following the breakdown of the monetary system in 2008, these following Four Laws constitute the only means of restoring that American System.

The Available Remedies

The only location for the immediately necessary action which could prevent such an immediate genocide throughout the trans-Atlantic sector of the planet, requires the U.S. Government's immediate decision to **institute four specific, cardinal measures: measures which must be fully consistent with the specific intent of the original U.S. Federal Constitution**, as had been specified by U.S. Treasury Secretary Alexander Hamilton while he remained in office:

(1) *Immediate re-enactment of the Glass-Steagall law instituted by U.S. President Franklin D. Roosevelt, without modification, as to principle of action.*

(2) *A return to a system of top-down, and thoroughly defined, National Banking.*

The actually tested, successful model to be authorized is that which had been instituted, under the direction of the policies of national banking which had been actually, successfully installed under President Abraham Lincoln's superseding authority of a currency created by the Presidency of the United States (e.g. "Greenbacks"), as conducted as a national banking-and-credit-system placed under the supervision of the Office of the Treasury Secretary of the United States.

For the present circumstances, all other banking and currency policies, are to be superseded, or, simply, discontinued, as follows. Banks qualifying for operations under this provision, shall be assessed for their proven competence to operate as under the national authority for creating and composing the elements of this essential practice, which had been assigned, as by tradition, to the original office of Secretary of the U.S. Treasury under Alex-

ander Hamilton. This means that the individual states of the United States are under national standards of practice, and, not any among the separate states of our nation.

(3) *The purpose of the use of a Federal Credit-system, is to generate high-productivity trends in improvements of employment, with the accompanying intention, to increase the physical-economic productivity, and the standard of living of the persons and households of the United States.*

The creation of credit for the now urgently needed increase of the relative quality and quantity of productive employment, must be assured, this time, once more, as was done successfully under President Franklin D. Roosevelt, or by like standards of Federal practice used to create a general economic recovery of the nation, per capita, and for rate of net effects in productivity, and by reliance on the essential human principle, which distinguishes the human personality from the systemic characteristics of the lower forms of life: the net rate of increase of the energy-flux density of effective practice.

This means intrinsically, a thoroughly scientific, rather than a merely mathematical one, and by the related increase of the effective energy-flux density per capita, and for the human population when considered as a whole. The ceaseless increase of the physical-productivity of employment, accompanied by its benefits for the general welfare, are a principle of Federal law which must be a paramount standard of achievement of the nation and the individual.

(4) *Adopt a Fusion-Driver 'Crash Program.'*

The essential distinction of man from all lower forms of life, hence, in practice, is that it presents the means for the perfection of the specifically affirmative aims and needs of human individual and social life. Therefore: the subject of man in the process of creation, as an affirmative identification of an affirmative statement of an absolute state of nature, is a permitted form of expression. Principles of nature are either only affirmation, or they could not be affirmatively stated among civilized human minds.

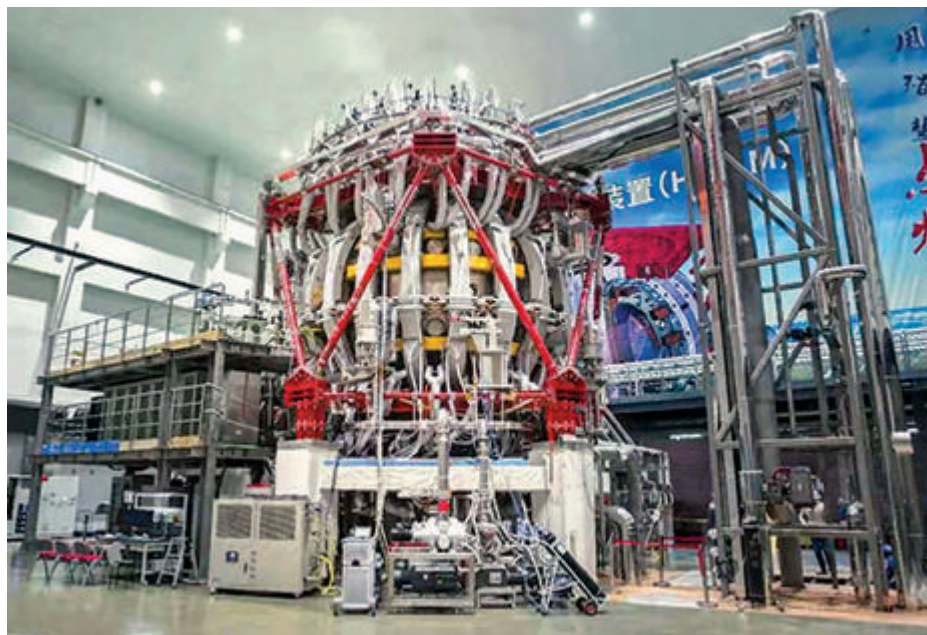
‘A Green Way of Development’ with Chinese Characteristics

by Richard A. Black, Schiller Institute Representative at the UN

Feb. 3—As a civilizational state with a continuous history going back 5,000 years, China has today created its own definition of the “greening” of economic policy.

Far from the genocidal “Green Deal” policy that Prince Charles Windsor-Mountbatten and his central banker cohorts pushed at the recent World Economic Forum (WEF) in Davos, Switzerland, China’s policy of “a green way of development and life,” as President Xi Jinping calls it, is a policy of a very high energy-density

Along the road to full achievement of this massive expansion of energy production for families, agriculture, and industry, clean coal is currently playing and will continue to play a major role, as well as oil and gas. The “green way of development and life” also means an opportunity for China to take an aggressive approach to dealing with her significant air and water pollution problems, which had built up in the earlier years of unregulated cheap labor factories and heavy industry expansion.



CAS



CNNC

Professor Song Yuntao, Deputy Director for Tokamak Engineering and Design, Chinese Institute of Plasma Physics. At left: The HL-2M, China’s most advanced experimental fusion reactor, in Sichuan Province.

expansion—of nuclear fission power, of the development of thorium-based reactors, and of the achievement of energy production through thermonuclear fusion power whose helium fuel will be mined on the Moon. As is well known, China has very well-defined, medium-term economic goals extending to the year 2035, as well as physical economic plans for the next 30 years, at the 100th anniversary of the “New China.” Note: All of the above-named energy sources are 100% emissions-free!

Plentiful, Clean Energy for the World

With 49 nuclear (uranium) fission plants producing electricity domestically—and another 16 more currently under construction—China is collaborating worldwide with 11, mostly poor, countries to build nuclear fission plants in those countries. They include Argentina, South Africa, Kenya, Sudan, Armenia, Romania, and Egypt.

Professor Song Yuntao, Deputy Director of Toka-

mak Engineering and Design at the Chinese Institute of Plasma Physics in Hubei, says that although critics say that it can't be done, he is confident that China will start generating power from an experimental thermonuclear fusion reactor (hydrogen) by around 2040. Just last month, China powered up its HL-2M fusion experimental fusion device, its most advanced research facility. The popular media reported:

The development of nuclear fusion energy is not only a way to solve China's strategic energy needs, but also has great significance for the future sustainable development of China's energy and national economy.

These developments are a glimpse of what China's President Xi Jinping meant, speaking at the UN General Assembly in September 2020, when he called on all nations to "launch a green revolution and move faster to create a green way of development and life...." Although China's stated aim is to shift its energy production profile to achieve what it calls "carbon neutrality" by 2060—a full 40 years from today—it is clear that China's public policy is to achieve steeply rising energy use *per capita* in its domestic population, to achieve a steep increase in the average energy-flux density of its power sources, and to contribute to a global "green way of development" by extending the revolutions in nuclear science to the former—currently economically desperate—colonial sector.

China's calculations for CO₂ reduction pertain to economic activity within her own sovereign borders, and will not affect her programs of urgent fossil fuel plant construction in her many energy-starved Belt and Road Initiative (BRI) partner countries, each of which have their own energy plans. For the so-called developing countries, including China and India, there are no contractual requirements for CO₂ reduction until nine years from today, in 2030.

China Goes Light: Helium Replaces Carbon

Although it is open to great debate among climate physicists as to whether climate is affected at all by human activity—as opposed to the activity of periodic changes in the intra-galactic impact of cosmic-ray flux hitting our Earth—China has agreed to shift what it calls its energy structure and its economic structure to reduce both CO₂ emissions and real industrial pollutants of air and water. China plans to continue to increase CO₂ emissions until 2030, and then to decrease emissions by 8-10% per year until reaching, in 2060, "carbon neutrality."

Professor Song tells us that by that year of 2060, China will have already been producing, for a full 20



HKNIC

The Guangdong Nuclear Power Plant in Guangdong, China.

years, a portion of its electricity from hydrogen and helium! Carbon will be relegated to our lead pencils, and to our carbohydrate-infused stir-fried noodles! Among the steps China is taking to comply with "the green way of development" are the following:

1. An Atmospheric Physics Research Center has been established in Beijing to calculate changing carbon dioxide emissions.
2. Automobile transportation will be shifted voluntarily to hybrid and electric cars. This will be done through education and economic incentives.
3. Airports, railroad stations and ports will be streamlined for energy efficiency, and car traffic will be internet enhanced to reduce slow moving traffic and traffic jams.
4. Forest stock volume will be increased by 6 billion

cubic meters from the 2005 level.

5. The “green water and blue sky project” seeks to purify water emitted from the steel-making process to allow that water “to meet the standard of keeping fish.”

6. Under construction is China’s thermal power molten salt experimental reactor, the TMSR-LF1 in Wuwei, Gansu Province. It will use abundant thorium as its fuel, is by design inherently ultra-safe and economical to construct, and can be used to produce hydrogen and for desalination of water, as well as for cheap electricity production.

‘Innovation Will Take a Higher Share’

At a briefing in Beijing last month outlining the economic principles of China’s forthcoming 14th Five Year Plan, leading government economist Dr. Xin Xiangyang said the following:

Now, China has transitioned into high-quality development and is focusing on optimizing the structure of the economy so that people will focus more on the outcome of development and quality.... If we read between the lines, we can see the numbers and quantities. [The objective] to become a leading innovative country means to become among the top three in the world. Innovation will take a higher share. A culturally strong country implies a culture industry of 10% of GDP.

The mariner’s compass for China’s energy policy is to propel China to realizing a moderate level of prosperity within the general population, and to achieving a leading role for the nation globally in science. China is not interested in being Number One. This is very difficult for many—otherwise intelligent—people in the West to understand.



Schiller Institute

Dr. Xing Jijun, former Head of the Science and Technology Section, Consulate General of the People’s Republic of China in New York, speaking at a Schiller Institute Conference in New York City.

Dr. Xing Jijun, an experienced diplomat from China’s Ministry of Science and Technology (MOST), described China’s outlook at a Schiller Institute forum in New York in 2019. He explained to the American audience that, in science, China would prefer to be Number 2 or 3. He explained: if you’re Number 1, you are always fearful of losing your place. Instead, if you’re Number 2 or 3, you know in what direction you have to go—to “catch up!” He used the example of achieving a 5G network. Perhaps, China will get to 5G first. But then, Japan will make the breakthrough first to 6G ... and then, the U.S. gets to 7G first.

Does that sound incredible?

China has been making world

breakthroughs in agriculture and industry for 4,000 years—ever since the invention of the weaving of beautiful, natural silk in that earliest period. Why did the “Silk Road” trade develop? The whole world wanted, and paid heartily for, that beautiful, durable silk! Today’s China has resumed that innovation-driven spirit and capability. From that vantage point, think of plasma physicist Prof. Song Yuntao’s forecast of vast electricity production from fusion energy starting in 2040—



CC/Tobias Brox

China will reduce emissions from the use of fossil fuels, as in this Chinese coal-fired plant, by shifting energy generation from the breaking of chemical bonds, to the re-arranging of bonds within the atomic nucleus.

free from all emissions! Very credible.

China's National Energy Administration reports the following plan:

1. By 2030, energy production nationwide will be 10% from nuclear fission power, 64.6% from clean coal, yielding an energy use *per capita* of 5,500 kWh.

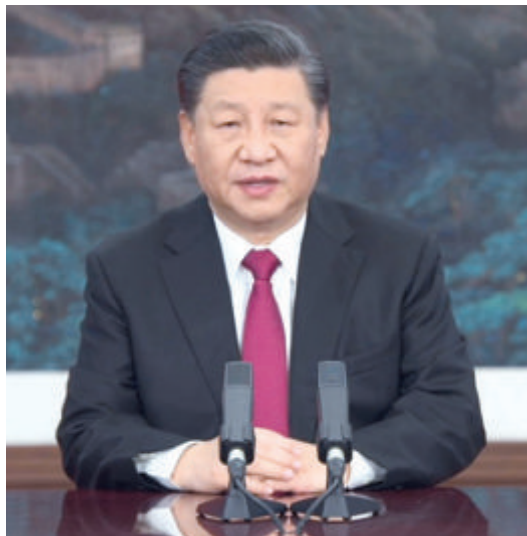
2. By 2050, energy production will be 15% from nuclear fission and 50.5% from clean coal, with an increase in *per capita* energy use to 8,500 kWh. (See "Nuclear Power in China," a [report](#) from the World Nuclear Association, updated in January, 2021.)

First Principles: Two Presidents Stand Out

While China is promising to significantly reduce all emissions from the use of fossil fuels, in the course of approximately the next half century, it is clear from the above facts that it will do so by simply shifting energy generation from the breaking of chemical bonds to the re-arranging of bonds within the atomic nucleus. The obvious fraud perpetrated by the pompous climate hysterics is self-revealed by the fact that this Zero Population Growth banking crowd bans the use of the many, many forms of emissions-free nuclear energy. China and Russia and all the nations of Africa simply will not submit to being murdered by that fraud!

Thus, the organizing meeting for a world central bankers' "green" dictatorship, known as the World Economic Forum (WEF), January 25-29, was hit by a needed dose of reality with the major interventions by President Xi of China and President Putin of the Russian Federation. The British Royal family's plan, known as the Green Deal or the "Great Reset," was featured in that week-long indoctrination and bullying session. It was aimed especially at the nations of the global South. The plan is for global depopulation, and for the denying of life-supporting energy in the entire former colonial sector, all under the cynical guise of saving the planet from human activity.

Both President Xi and President Putin delivered extended strategic evaluations in their speeches. President Putin warned that "the so-called Washington Consen-



WEF/Pascal Bitz

Xi Jinping, President of China, presented China's energy policy at Davos as "a green way of development and life"—a policy of a very high energy-density expansion—of nuclear fission and fusion.

sus" has been based on rules which were "often vulgar or dogmatic," creating violent international instability with "private debt in conditions of deregulation."

President Xi warned:

To build small circles or start a new Cold War, to reject, threaten or intimidate others, to willfully impose decoupling, supply disruption or sanctions, and to create isolation or estrangement will only push the world into division and even confrontation.

Comparing today's situation to the 1930s which "led to the World War II catastrophe," President Putin warned the assembled bankers and "green finance" ideologues:

There is a chance that we will face a formidable breakdown in global development, which will be fraught with a war of all against all, and an attempt to deal with contradictions through the appointment of internal and external enemies, and the destruction of not only traditional values such as the family, which we hold dear in Russia, but fundamental freedoms of choice and privacy.

Both Presidents made clear that the principle of each nation's sovereign natural right to determine its own development, necessarily combined with its own advancing, energy-intensive scientific progress, is the foundation of humanity's progress and of a durable peace. The cabal of Sir Michael Bloomberg, British banker Mark Carney (Order of Canada), and the mad greenie, Prince Charles Mountbatten-Windsor, were met with a formidable resistance from two immensely powerful civilizational states, states which have defined "a green way of development" derived from scientific principles.¹

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1. For more extensive excerpts from the presentations of Presidents Xi and Putin to the Davos Agenda 2021, a forum of the World Economic Forum, see *EIR*, Vol. 48, No. 6, February 5, 2021, pages 5-13.

March into ‘Renewables’ Threatens Europe’s Electricity Supply

by Rainer Apel

Jan. 17—On Friday, January 8, all of Europe received a wakeup call at 2:05 p.m., when its power grid barely escaped a general blackout. An imminent catastrophe was avoided because the all-European energy distribution system reacted promptly, by bridging emerging gaps with surplus electricity tapped from several other European countries, as well as by temporarily switching off the power supply (contracted load shedding) to Italy and France. Those actions prevented the frequency of the current, designed to be 50 cycles per second (hertz), from dropping below the critical mark of 49.8 hertz, which would have forced a large part of the system and the electricity supply to tens of millions of households to be switched off.

Such an event had happened last on November 4, 2006, affecting 10 million households. This time, the trigger for the near-blackout was said to have been Romania, where the power input to the grid fell short substantially. The next time it happens, the trigger will most likely be Germany, whose government is obsessed with walking out of all fossil energy sources, and out of nuclear power, and making the entire country and its economy dependent on “renewables” like solar and wind power and biomass. The



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GEOSOL



CCO/Clora Torrence

Three examples of “renewable” power in Germany: A wind park (top), a photovoltaic power plant (center), and a biomass heating power plant (bottom).

German government had already reached half of its target last year, when “renewables” had for the first time a share of more than 50% of the national power supply. The final target of 100% is to be reached in 2040.

The German march into the era of solar, wind, and biomass has repeatedly caused problems in the calculability of power supplies: Whenever there is not enough input provided by wind or sun, reserve capacities in the oil, gas, and coal sector are tapped to bridge the gap; whenever there is a surplus provided by wind and sun, capacities in the three fossil energy sectors are switched off. And, whenever the gap is too large to be bridged within a short time, Germany imports power from its neighbors. Ironically, these are usually imports which Germany considers “dirty” electricity, because it is produced from coal (Poland, Czechia) and nuclear (France, Czechia) in most cases.

Experts warn that this system of imports is fragile, because Germany’s neighbors will not be able to guarantee sufficient power volumes to Germany, the needs of which will massively increase after its final exit from nuclear power at the end of 2022. Already this year Germany plans to shut down three out of the remaining six nuclear reactors—that alone

FIGURE 1

Wind: German Installed Capacity vs. Output

Maximum installed capacity = 35,000 MW

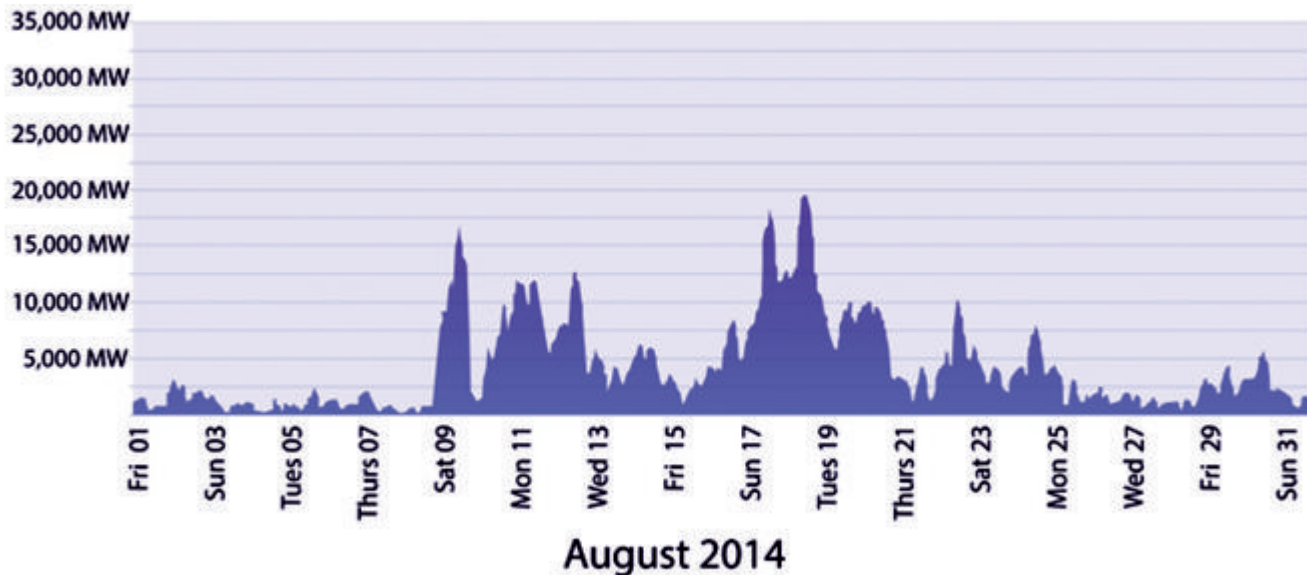


Image adapted from that used by Wolfgang Müller at the 2015 International Conference on Climate Change.

will take 6% of the national power capacity off the grid. And that will not only cause problems for Germany; because Germany’s industrial economy is the biggest in Europe, it will hit all of Europe with rising imbalances in the continental distribution system.

Increasing ‘Interventions’ To Prevent Blackouts

A September 2015 *EIR* Special Report, “ ‘Global Warming’ Scare Is Population Reduction, Not Science,” demonstrated how the vastly increased frequency of irregular starts and stops of “renewable” power units, and of the reliable natural gas and nuclear power units which have to back up the “renewables,” created problems for an electrical delivery grid which depends upon reliable supplies of power. The gross fluctuations of “renewable” power sources were shown in a chart of wind power electricity generation, day-to-day, in August 2014. (See **Figure 1**.)

The report showed that,

Before the massive expansion of wind and solar power, very few interventions were required [see **Figure 2**] to stabilize Germany’s energy grid: In 2006, there were only three or four interventions [by the grid operators] required, but in 2012, there were nearly 1,000 interventions needed in order to keep a consistent and reliable

source of energy available around the clock. In 2014, over 3,500 such interventions were required to rescue the national energy supply from the effects of fluctuations due to unreliable supply inputs.

The system has so far prevented bigger catastrophes in the energy supply of Europe, but it is not stable. For instance, Germany is no longer able to contribute its national share to the system: Its own electricity exports fell by 11.6% in 2020, while at the same time Germany had to import 38.8% more from European neighbors than in 2019. During summer 2020, France was unable to export enough surplus electricity to its neighbor Germany—the biggest traditional foreign client of the French nuclear power sector—but was itself forced to import from Spain, which again had to import from Morocco. This shows that there are definite limits to what the other European nations can do to keep Germany’s industry going.

Visions of a Green Finance Bubble

It is just striking that German “renewables” radicals are proposing to build giant solar panel parks in Morocco to generate power to be imported by Germany. Such proposals send extra adrenaline into the veins of Green Finance fanatics who are getting euphoric about the several hundred billion euros to

FIGURE 2

German Interventions to Stabilize the Grid

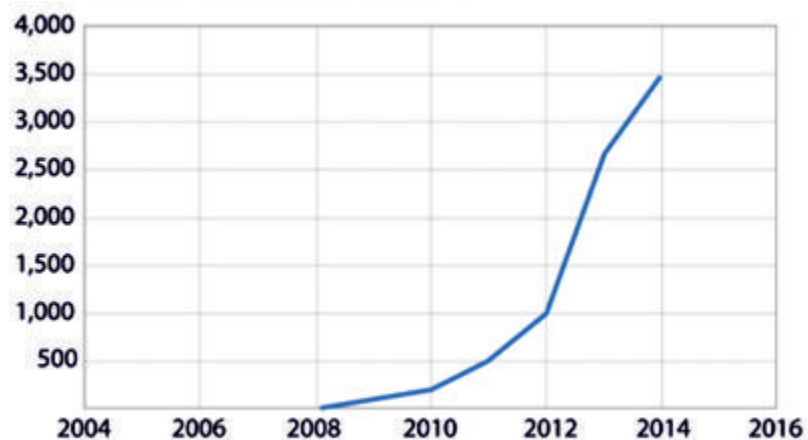


Image adapted from that used by Wolfgang Müller at the 2015 International Conference on Climate Change.

be invested in the Moroccan scheme, which would create even worse disasters than the present policies of Germany.

The present policy is a disaster already: After all, 2020 was the year that saw CO₂ emissions in Germany drop by 15%—but that was owing to the shutdown of large parts of industry affected by the pandemic, not to the fact that 2020 was the first year in which renewables generated more than the three fossil sources—oil, coal and gas—combined: 183 terawatt-hours against 178 terawatt-hours respectively. As has been mentioned above, 2020 also was the year in which Germany had to import more power than ever before.

No doubts can remain that the transformation of the German power supply into a “green” one is a failure. It is an expensive failure, because the funding of these green energy sources, which was €27.5 billion in 2019, increased to €30.9 billion last year. The funding comes under the EEG (the Renewable Energy Sources Act), which reimburses the producers of solar and wind power not only for production costs but also for losses caused by not finding enough clients.

Even though the electricity generated in Germany by solar, wind, and biomass was 4% greater in 2020 than in 2019, income generated by production of electricity from renewables in 2020 was €6.4 billion lower than in 2019. The pandemic-related shutdown of industry caused lower effective demand for power, and since electricity cannot be stored, when renewables are producing excess, either it must be exported to Germany’s neighbors or, if those neighbors cannot use it, the generators have to trip off, or other grid interventions made,

for which German providers have to pay. In 2020, the cost was €579 million.

Plans for Expanding Nuclear

The absurdities of the German energy policy, exacerbated by the European Commission’s “Green Deal,” cannot be tolerated by the other nations of Europe which have their own national interests. Many of Germany’s neighbors are opting for increased use of nuclear power; six of them even forced the European Commission to recognize the atom as a low-emission energy source in its overall green energy agenda passed at the end of 2020. Germany’s eastern neighbor Poland wants to build up to 11 nuclear reactors

by 2040. In its program for the early national elections in the country this spring, the governing VVD party of the Netherlands will call for the construction of 10 nuclear reactors to be built over the next two decades. Czechia, Slovakia, Romania, Hungary, Bulgaria, and Finland are committed to build new reactors.

Even France, which was host to the 2015 global Climate Agreement of Paris, and unfortunately wants to reduce the generation of power produced from nuclear reactors from 75% of the national output today, to 50% by 2040, remains committed to nuclear power, in principle. President Emmanuel Macron, who inherited this reduction target from the previous presidency, reiterated in remarks December 12 that nuclear power is indispensable for France and will have a strong future there. And 110 Polish scientists and energy activists have published an open letter calling on the German government to drop its “nuclear exit” target and let the remaining six reactors run for the time being beyond the end of 2022.

There is still time, though not much, for Germany to reverse its march into the “green energy” quagmire and secure the power supply for its industry and population. This requires not only keeping the remaining nuclear fission reactors running, but building new ones and entering the era of nuclear fusion.

The LaRouche movement’s BüSo party will promote this program in the national parliamentary election campaign in September 2021. The BüSo campaign will spark a national debate on a re-entry to nuclear power in Germany.

UK Goes Back to Wood-Burning

Feb. 4—Nothing gets at the genocidal intent of “renewable” energies like “biomass.” Certainly burning food in the form of biofuels is insane, but burning wood pellets in converted coal power plants quickly shows the Malthusian intent of green technology—particularly when considered from the standpoint of Lyndon LaRouche’s “potential relative population-density.” Burning wood, which of course produces large amounts of CO₂, is actually a good thing to a climate change fundamentalist, since it will be reabsorbed by trees, and is therefore “carbon neutral” and can be classified as “renewable” energy. To appreciate this insane outlook, we will look at the curious case of the UK’s big Drax Power Station.

The Drax facility in the North Yorkshire countryside is the largest power station in the UK, providing



CC/Chris Allen

The Drax Biomass Power Generating Station in Yorkshire, England.

6% of UK electricity. Drax Power Station consists of six 660 MW power units, giving a total capacity of 3.96 GW. In 2012, Drax began to move for a full conversion of its coal burning power units to burn wood pellets, imported from forests around the world. Four of the six units that now burn wood pellets, at a capacity of 2.6 GW, “would require an annual supply in 2017 of 1.2 million hectares (4,600 sq. mi, or 12,000 sq. km),” according to the Bloomberg [article](#), “Biggest English Polluter Spends \$1 Billion to Burn Wood.”

Assuming those numbers are correct, or at least in the ballpark, consider the issue of energy-flux density and its relationship to potential relative population density from this standpoint. According to the UN Food and Agricultural Organization’s Global Forest Re-

sources Assessment 2020 [report](#), the world’s total forest area is 4.06 billion hectares (31% of total land area). In a generation, Drax alone would burn up 1% of the world’s forests. Powering all of the UK that way would consume more than 15%.

According to various reports about the Drax Power Station, willow is one of their top choices of wood to burn. Given that the average time for a willow tree to grow to maturity is 15 years, it can be estimated that this technology, if it became the source of electricity for the human race, would support about 600 million people. Isn’t that what the genocidal lunatics of the House of Windsor have been promoting for decades—that optimal population for the peasant class would be somewhere between 500 million and a billion?

Japan Needs Its Reactors Back, and More

Feb. 4—Japan’s Energy Minister Hiroshi Kajiyama told the *Financial Times* on February 3 that power shortages last month, due to heavy snowfall, showed Japan needs to go nuclear again. Kajiyama said: “Personally, I think nuclear power will be indispensable.” He described Japan’s electricity supply as “touch-and-go” during the snowfall last month, resulting in high electricity prices and tight supplies in some areas of the country. “Solar wasn’t generating. Wind wasn’t generating. I’m trying to persuade everybody that in the end we need nuclear power.”

Prior to the March 2011 accident at the Fukushima Daiichi plant, Japan’s nuclear generating capacity had provided about 30% of the nation’s electricity. Within 14 months of the powerful tsunami and the accident, the country’s nuclear generation had been brought to a standstill pending regulatory change. So far, nine of Japan’s 39 operable reactors have cleared inspections confirming they meet the new regulatory safety standards, and have resumed operation. Another 18 reactors have applied to restart.

In 2019, nuclear energy provided just 7.5% of the country’s electricity. Japan’s Basic Energy Plan, set in 2018 and due for revision this year, targets 22-24% of its energy to come from renewables by 2030, along with 20-22% from nuclear power and 56% from fossil fuels. But the nation can start building new third- and fourth-generation nuclear reactors, and not keep suffering “Solar wasn’t generating. Wind wasn’t generating.”

USDA ANALYSIS SHOWS

'Green Deal' Farming Cuts Food, Cuts Population

by Marcia Merry Baker

Jan. 10—The European Commission (EC), executive arm of the European Union, released its “Farm to Fork and Biodiversity Strategies” in May 2020. Those so-called strategies are the core part of its new EU Green Deal, whose consequences will directly result in significantly less food output, and more hunger and hardship for millions of people. Farmers have taken to the streets with their tractors over 2019-2020 in Germany, the Netherlands, and elsewhere to oppose the EU dictates, which technically are to be imposed nation by nation over the next 10 years, with an EC review session scheduled for 2023.

The gist of the new approach is simple: First, farmers are ordered to use less land for crops and livestock, less fertilizer, less crop-protection chemicals, and so on. This guarantees less food output. Second, for the first time ever, the purpose of agriculture laws will be changed from food production, to so-called environmental enhancement, and lessening carbon emissions. The stated EC goal is “to reconcile our food system with the needs of the planet”—not the human population! The EC set out a timeline for action, including revamping the EU-wide Common Agriculture Policy (the farm/food support law, begun in 1962), and starting up a “carbon farming initiative” in 2021.

In November, the U.S. Department of Agricul-



ture’s Economic Research Service published a devastating analysis of the impact of the Green Deal’s Farm to Fork/Biodiversities Strategies, coming on top of the pandemic.

The USDA estimates that 185 million people would be thrown into food insecurity (lack of reliable and/or sufficient food) over 10 years—in addition to the baseline food-insecure numbers already anticipated—if these Farm to Fork/Biodiversity measures are implemented by the EU, by its trade partners, and major nations worldwide. The USDA’s methods and quantifications are reported below.

London Leads in Race to the Bottom

It goes without saying that with the pandemic now raging, international collaboration is urgent *to support and expand food production*, not reduce it. We are faced with a hunger pandemic as well as a virus crisis. As of year-end 2020, there are 270 million people heading into acute hunger, and another 600 million food insecure, according to the UN World Food Program. Emergency funding can save these lives, by making best use of world food stocks. At the same time, we can act

to end hunger entirely. Production, and capacity to produce, must be expanded, even doubled, but certainly not cut.

Despite this reality, and the obvious hunger implications of the EU Green Deal, Britain has taken the lead to implement the EU Farm to Fork/Biodiversity concepts, by enacting its new 7-year national “[Agriculture Law](#)” in November 2020. The law offers financial inducements to farmers, to put the environment above food. This is an historic, and terrible shift. The UK government states that “farmers and land managers in England will be rewarded in the future with public money for ‘public goods’—such as better air and water quality, thriving wildlife...” to aid in achieving “net zero emissions by 2050.”

BREXIT technically may have put the UK out of the EU, but over and above both of them, and above almost everywhere except China and Russia, economic policies are still run by the London/Wall Street-centered world monetarist system of mega-banks and mega-transnationals, which are now pushing “green finance” to enforce downgrades in farming, food consumption, energy, and all necessities of life. Their goal is to siphon off whatever they can into their chosen control networks, to prop up their otherwise collapsing system.

The chief promoters of this process, especially since the 2015 Paris Climate Accord, include Mark Carney, formerly Governor of the Bank of England (2013-2020), now UN Special Envoy for Climate Action and Finance; Sir Michael Bloomberg, formerly UN Envoy for Climate Action (2018-2020); and most prominently, Prince Charles, and his sidekick Klaus Schwab, founder and chair of the World Economic Forum.

These figures and agencies are not “confused.” They know full well that green finance, and their fake save-the-environment movement, means mass depopulation. The World Economic Forum will officially roll out its “Great Reset” master plan for green finance and killer economic policies, and for replacing sovereign governments with mega-bankers’ “governance” at their week-long event January 25-29, titled, “The Davos Agenda.”



Large farmers’ demonstration in Berlin protests government policies that suppress food production, November 26, 2019.

DBV

USDA: Farm Inputs Will Be Cut

The title of the U.S. Department of Agriculture’s Economic Research Service [report](#) is, “Economic and Food Security Impacts of the European Union Green Deal’s Farm to Fork and Biodiversity Strategies.” It is 52 pages long, with full-page, detailed data tables provided, as well as charts.

As reported by the USDA, the agricultural input reductions called for in the EC Farm to Fork/Biodiversity Strategies—called “Strategies” in their report and in this article—are: Land in agriculture, cut by 10%. Fertilizer use, cut by 20%. Pesticide use, cut by 50%. Antimicrobials—meaning anti-biotics and other medications—cut for livestock by 50%.

The justification for these cuts is given in various ways in the EC “Strategies” plan, which calls for a more “sustainable” way to produce food, that provides “stewardship of the environment.” The false premise here is that technology and scientific advance ruin the environment, and growth and population must be limited. This is a see-through rehash of the old Parson Malthus (1766-1834) claim that occasional depopulation is necessary to balance “nature” and people; Malthus worked for the British East India Company.

The EC speaks of achieving by 2030, a “fair,



Schiller Institute/Werner Zuse

A demonstration sponsored by Land schafft Verbindung at the Ecology Ministry of Bavaria in Munich, Germany on March 5, 2020. The Schiller Institute organizer's sign reads: "Protect the people from the climate protectors!" and "Climate makes nature, not people."

healthy, and environmentally friendly food system." Whatever the rhetoric, major agro-food cartels (Unilever, Nestlé, Walmart, Cargill, JBS, etc.) are already in motion against governments and farmers in many nations, consolidating extreme control, and issuing decrees—green or not—about production. In India, for example, thousands of farmers have been protesting in the capital for two months.

Theoretically, the implied declines in food production from implementing the Strategies could be offset by other factors, such as higher-yielding seeds, adding more labor, or cushioning the impact of lowered output by decreasing waste in the food chain. These mitigating factors were not included in the USDA study, as they are not spelled out in the EU Strategies plans.

Production Cuts, Impacts, and Three Scenarios

The USDA identified 20 food commodities (grains, oil seeds, meats, dairy, vegetables, fruits, nuts, etc.), whose EU production would be lowered by the proposed cuts in inputs, and cranked through the results, which showed the size of decreases. Adding to this picture, the analysis took into account what effect the

reduced EU output would have outside of the EU, among close trading partners, and in the world at large.

For example, in some cases, nations exporting to the EU would be induced to produce more corn. In other cases, nations importing wheat from the EU, would be expected to shift to other source nations for their imports. These inter-contingent changes for other parts of the world were estimated by the USDA, which has an in-depth database.

Not only were the volumes of the 20 food commodities estimated, but additional categories of contingent impact were estimated: prices of the commodities, prices of exports and imports, gross farm income, increase in food costs, increase in food insecurity (in numbers of people), and GDP.

Finally, in the design of this comprehensive analysis, the USDA took into account: What if more of the world adopted the Green Deal Farm-to-Fork/Biodiversity Strategies' cuts to inputs, beyond the EU itself? The study set up three geographic scenarios: (1) EU-Only Scenario, already described. (2) Middle Scenario, comprising the EU and the nations which depend on farm commodity exports to the EU. This scenario presumes that the EU could put trade restrictions on any country refusing to adopt its Green Deal Strategies. (3) Global Scenario. This last category does not have all world nations, but it has the 76 major nations in terms of population and food consumption and trade, for which the USDA has a thorough data set.

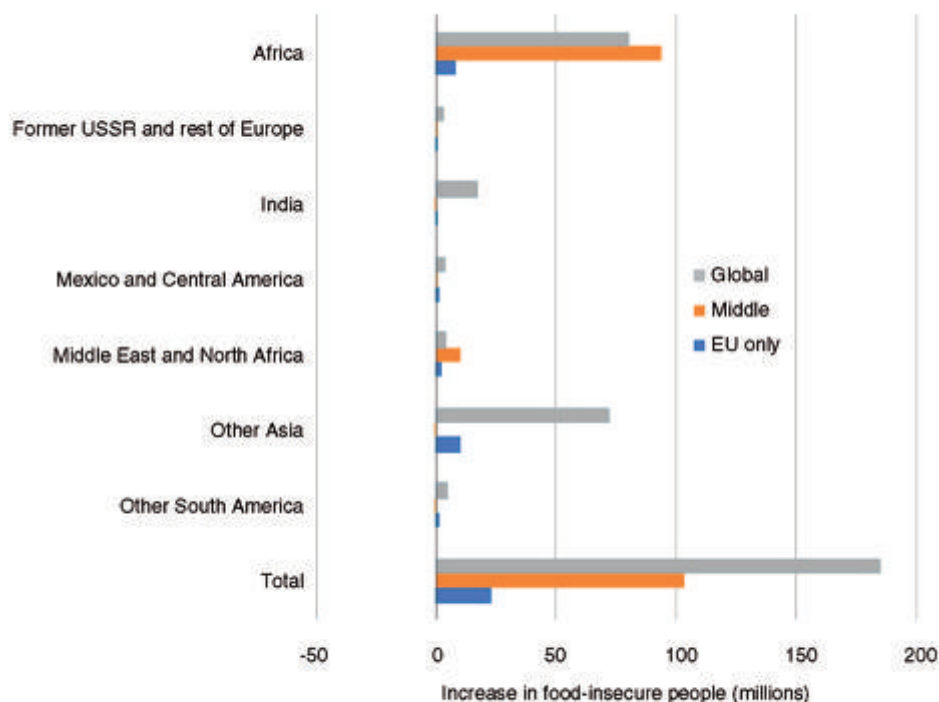
These three scenarios are realistic because the European Commission has stated its intent to spread its Green Deal, saying it will "support the global transition to sustainable agri-food systems through its trade policies and international cooperation instruments."

Predictable Results: Disaster

The results of the EU Green Deal for agriculture are a disaster. The report gives detailed data on the rise in prices to consumers, the lack of a price benefit to

FIGURE 1

EU Green Deal Farm Input Cuts Globally Cause Net Increase of 185 Million Food Insecure People



Shown are the net millions of additional food insecure people which would result from implementing the EC Green Deal Farm-to-Fork/ Biodiversity Strategies to limit agriculture inputs by 2030, in three scenarios for which the U.S. Department of Agriculture’s Economic Research Service did simulations. (1) in the EU-only scenario (blue) the net number of people made food insecure worldwide is 22 million, mostly in Africa and Asia; (2) in the Middle scenario, if the Green Deal prevails in the EU and its major trading partners (orange), the net number of people made food insecure worldwide is 103 million; (3) in the Global scenario (grey), a net increase of 185 million people would be made food insecure (80 million in Africa, 72 million in Asia, and 33 million elsewhere), if the Green Deal is imposed in the EU and 76 other major nations.

Note: EU-only is defined as only the European Union (EU) implementing the Strategies; in the middle scenario, trade partners who depend on food and agricultural exports to the EU also adopt the Strategies; and global is defined as all regions adopting the Strategies.

Source: USDA, Economic Research Service calculations using the International Food Security Assessment Model.

farmers, and the huge declines and shocks in changes of production that the mandatory input restrictions mean. In the EU itself, under the EU-Only Scenario, agriculture output drops 12% over all; and worldwide production drops 1%. Other nations make up somewhat for the EU cuts. By category, EU oilseed production drops by 61%, wheat by 49%, and certain other crops by 44% (including all kinds, from herbs to cut flowers). The impact on each crop varies. With wheat, for example, land area and fertilizer account for a large proportion of output, so cutting these inputs will have a big impact.

These kinds of details and many others are provided for the other two scenarios, and the report features data tables for countries, food items, and impacts. But the import of the analysis is conveyed in the simple point that *millions of people are not supposed to have food* in this Green Deal madness.

The chart reproduced here from the study (see **Figure 1**), focuses on the net increase in food-insecure

people by 2030—over and above a baseline otherwise projected—for the three scenarios. Moreover, keep in mind, this is a very linear, understated picture, without any more human or animal epidemics, plant diseases, weather disasters, or major crop failures, etc. Under the EU-only Scenario, the cutbacks in agriculture inputs and production result in a likelihood of 22 million more food insecure people worldwide than otherwise expected. This includes 8 million in Africa and 10 million in Asia. Under the Middle Scenario, the number of additional food insecure people climbs to 103 million, who are mostly in Africa and Southwest Asia.

On the Global Scenario, the USDA report states, “When the Strategies are adopted at the global level, the number of food insecure people increases to 185 million.... The increase in food insecurity is spread across all regions, but Africa (80 million) and other Asia (72 million) continue to be the most impacted. This is because they could experience the largest increase in commodity prices and the largest GDP declines.”

Electric Vehicles, But No Electricity!

by Claudio Celani and Tobias Faku

Reprinted from EIR, February 5, 2021, with updating for this Special Report. Figures for the consumption of cobalt in converting all European cars to electric power, have been corrected.

Jan. 24—Electric vehicles (EV) are a key part of the so-called Green Transition envisioned by the Great Reset schemes being endorsed by the European Union (EU) and the new Biden Administration. The automotive sector, it is asserted, causes 28% of greenhouse gas emissions, coming first before the steel sector; so governments have adopted climate policies that aim at a full replacement of vehicles with internal combustion engines, with EVs. However, such an ambitious goal—besides the fact that it relies on the false assumption that it would help mitigate climate change—will actually be impossible to achieve, and efforts to implement it will result in an industrial, financial, and social catastrophe.

Last December 17, speaking at a year-end news conference in his capacity as chairman of the Japan Automobile Manufacturers Association, Toyota's President Akio Toyoda launched a strong warning against the political class because of their intentions to fully convert to electric cars. He said Japan would run out of electricity in the summer if all cars were run on electric power. The infrastructure needed to support a fleet consisting entirely of EVs would cost Japan



Pixabay/mmurphy

An electric car at a recharging station in Amsterdam.

of electric battery vehicles would cost Europe between \$476 billion and \$1.234 trillion.

However, even if the funds are generated, either by slashing national budget items such as health care, schools, and pensions, or by massively increasing government debt, a full conversion to EVs is scarcely feasible, technically.

Let us take the intermediate goal set by the European Union: reducing CO₂ emissions by 55% by the year 2030. Let us imagine applying that cut to the motor vehicle sector (it could be less or more than that), by replacing 55% of the total 63 million motor vehicles in Germany with EVs.

In order to do that, some 35 million EVs would have to be



cc/Moto@Club4AG

Akio Toyoda, President of the Toyota Motor Corporation.



EIRNS/Stuart Lewis

Adding huge new capacity to the electrical system, consisting only of renewables, as the EU Commission wants, will only make the grid more unstable and will end in a blackout catastrophe.

sold in the next decade, an average of 3.5 million per year. Currently, 63,321 EVs are sold yearly in Germany, 1.75% of the total of 3.6 million vehicles sold in 2019. At the current rate, EU targets for 2030 will be achieved in 550 years, and the 2050 target (zero carbon) in 1100 years.

In other words, the EU target for 2030 can be achieved only by increasing yearly sales of EVs by 5,500%! This is without considering the cost of increasing electricity production in order to power all those cars.

In fact, assuming a yearly consumption of 3,285 kWh per EV on average, [calculated](#) on approximately 15,000 km travelled, Germany should produce an additional 11-12 TWh of electricity per year. Assuming that it comes from “renewables,” as the EU proposes, it should build approximately 1600-1700 giant windmills each and every year for the next ten years.

However, the German and the European electrical grid is already so dependent on so-called “renewables,” that it has become highly unstable, already occasionally coming very close to total collapse (see “March into ‘Renewables’ Threatens Europe’s Electricity Supply” in this issue). Adding new, huge capacity to the grid

only from renewables as the EU Commission wants, will make the grid even more unstable and will end in a catastrophe.

Green Transition Is Indeed a Very Brown One

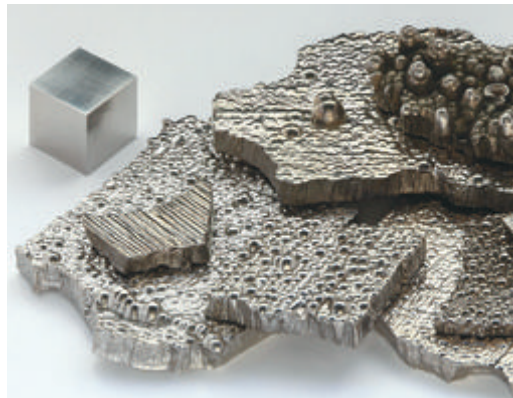
Although EVs are a central element of the Green transition, in reality their means of production are not green at all. In order to match the energy stored in a conventional car having about 40 liters (10.5 gallons) of gasoline, an EV needs a battery that weighs at least half a ton. The production of such batteries is extremely energy intensive, and includes the mining and processing of huge amounts of copper, aluminum, and lithium.

The materials consumption for a full electric conversion of the car fleet of a country such as England would amount to twice the annual global production of cobalt, three quarters of the world’s production of lithium carbonate, more than half the world’s production of copper, and nearly the entire world annual production of neodymium, according to [Michael Kelly](#).

If we consider a full electric conversion by 2050 of the car fleet of all EU member states, with their 260 million cars, as planned by the EU Commission, the numbers look even more staggering. It would require in total the following multiples of current annual world production: for cobalt, 17 times; for lithium, 6 times; for copper, more than 4 times; and 8 times the entire world production of neodymium. In addition, about a tenth of these amounts would be needed annually for replacement parts.

The pollution produced by mining and processing such an amount of materials would be gigantic. Additionally, there would be the need to double electric generating capacity and the capacity of electric transmission grids, as well as a new system of charging stations for all cars and trucks at home or at work.

Production of electric engines requires the rare earth



Heinrich Priok

A full electric conversion of the EU car fleet would require 17 times current world cobalt production. Shown: Samples of 99.99% pure cobalt.

Production of electric engines requires the rare earth



The pollution and other dangers to health produced by mining and processing the amounts of cobalt, lithium, and copper required for a full conversion of the current fleet of motor vehicles, would be gigantic. Shown: a copper and cobalt mine in the Democratic Republic of Congo.

mineral neodymium. Currently, due to environmental concerns (mainly raised by the green movement), there is almost no mining of [neodymium](#) in the West, and China is the main world producer.

We have seen above the giant increase of electricity production required to fuel EVs. Now consider the power needed to fulfill the above list of materials. The green idea in the West, to go fully electric and at the same time reject energy-intensive primary power sources like nuclear and fusion, guarantees that the energy-intensive aspects of EV production will never take place in the West (China has a 75% market share in lithium batteries) and that its economies will die fast, like East Bloc economies in the post-1988 period.

Social Consequences

Decarbonization of mobility would also cost several hundred thousand jobs in Germany, warned a National Platform for Mobility (NPM) [report](#) in January 2020. The NPM is a working group at the German Environment Ministry chaired by the head of the IG Metall metalworkers' union Jörg Hoffmann.

In fact, even were a successful transition to E-mobility possible, only a tiny number of jobs can be absorbed by the new production mode. This is because of the large number of components of combustion engines (ca. 1200) which are going to be replaced by one battery.

Based on the NPM estimates for Germany of up to 410,000 jobs lost in an “extreme scenario,” the estimates

for the EU as a whole are for the loss of 1.5 million jobs in the automotive sector alone. The NPM is not against decarbonization in principle, but calls for a less harsh transition and for exploring alternatives to E-autos, such as hydrogen and synthetic fuels to replace internal combustion engines.

Massive unemployment means a massive drop in family incomes and a consequent drop in consumption, depressing the domestic market. Companies' turnover will drop, forcing new layoffs. Government revenues will also drop, as a result of less income tax, and VAT and corporate taxes.

Increasing Resistance

Luckily, some governments in the EU are waking up to the insanity of the Green Transition. The EU Commission was supposed to publish its “Taxonomy” rules on January 1, but it had to postpone it due to opposition from ten member states. The word “taxonomy” has nothing to do with taxes (at least not directly) but comes from Greek and means “classification.” In the intentions of the EU Commission, it should be a classification of products and activities according to their CO₂ footprint, and should provide the basis for subsidizing or penalizing such products and activities in order to favor the Green Transition.

But last December, Bulgaria, Croatia, Cyprus, Czechia, Greece, Hungary, Malta, Poland, Romania, and Slovakia signed a document objecting to the exclusion of natural gas from the list of “transition fuels” and calling for “the possibility of using hydrogen from various energy sources.”

Facing a possible veto, the EU Commission backed down, and the above demands were included in the EU Council summit of December 10-11. But “the Commission’s woes with the green finance taxonomy did not stop at gas or the ten signatories of the paper,” Euractiv reports. “Almost every EU country or interest group had issues with the draft delegated act, according to a well-positioned source in the European Parliament who keeps a close eye on the dossier.”

The European Commission is now busy reworking its proposal and will present an updated draft to EU national representatives during a meeting of the EU member states' expert group (MSEG) on sustainable finance, scheduled for January 26. After that, EU member states can either accept the draft or reject it *en bloc*.

No to the Green Policy; Revive Our Credit System

Here is Lyndon LaRouche's opening presentation to his Dec. 7, 2012 Friday Webcast. The complete webcast, including the discussion which followed LaRouche's remarks, is archived at

http://media.schillerinstitute.org/wms/larpac/2012/20121207_lpac_webcast_en_384kb.wmv.

What I'm going to say today will cause a certain amount of difficulty in the audience, unless we pay close attention to some concepts which are not commonly recognized, which are actually crucial in this particular situation.

Now, the principal subject we're launching at this event today, is, we are taking the preconditions which are required to prevent the United States from going bankrupt. First of all is Glass-Steagall. But Glass-Steagall alone, by itself, cannot do anything miraculous in terms of changing things. But it *is* necessary to protect the banking system—that is the honest banking system—and prevent that from being corrupted by the kind of speculation which is being done now, for example, in terms of everything that the Federal government is doing which is wrong. Unless those things are changed, we are in trouble.

So Glass-Steagall is the actually indispensable action without which the United States' economy is not going to survive. And by not surviving, I mean something relatively immediate. The whole system is now going into the breaking-point of hectic irrationality, in which everything becomes chaotic. And this is the bailout point which corresponds to what happened to Germany, in October, approximately, of 1923, where everything went bankrupt. That's where we are.

However, as I say, Glass-Steagall is indispensable, but it does not contain a cure. It contains a preventive of

Editor's Note: This opening presentation by Mr. LaRouche to his December 7, 2012 Friday Webcast was first published in *EIR* Vol. 39, No. 50, December 21, 2012, [pages 13-20](#).

gambling, and it is necessary. But here's where the problem comes in: We're going to be operating, not on the basis of the present system. That is, if the United States is going to survive; if the U.S. economy is not going to disintegrate entirely, what's going to have to happen, relatively immediately, now, is the installation of a credit system as the basis of actually creating the potential growth of the U.S. economy. That is, an inflation-free form of growth, or hyperinflation-free form of growth, as the matter is now.

And most people don't understand that, because they think that money placed in a bank, or a denomination of money placed in a bank or some other kind of institution—represents credit, the basis for credit. It does not. A credit system is based on the growth of per capita wealth, per person in society, or household per society. And that's very poorly understood, because the assumption that's made by all the people who are incompetent, ever since they were swallowed by whatever happened years ago, decades ago, is they assume that money deposited in a bank, or attributed to be deposited in a bank, represents value. *It does not.*

Money is a very tricky thing, money as such, because it has no intrinsic means of defending itself against hyperinflation, or other kinds of problems. So only a certain credit system is the key to this process.

What Is Meant by a 'Credit System'?

Now, what happens is this. We have now three categories we're considering. First of all, Glass-Steagall; that is an absolute. Glass-Steagall must be imposed as the original Glass-Steagall form. The Franklin Roosevelt Glass-Steagall Act is what must be done. Anything different than that should get somebody shot, because things are getting that bad these days.

The credit system: What do we mean by a credit system? That the Federal government organizes a system under which credit is uttered, and the anticipation is that there is a time factor, that if we assign a cer-



EIRNS/Stuart Lewis

Restoration of the Glass-Steagall Act is the first step required to prevent the U.S. from going bankrupt, LaRouche said. But that must be followed immediately by the creation of a credit system to fuel the growth of the U.S. economy.

tain value to something as credit, we must assume that by the time that credit has been collected, or realized, that there will be growth in the value of the product, and growth in the value of the credit itself.

This can be interpreted in various ways—it can mean that things become cheaper, and therefore you have a gain, which is margin for profit, because things became cheaper, through productivity, for example, that kind of method. But otherwise, there is no other source of value in terms of money as such, merely as circulated, as is being done now with this hyperinflationary process which is going on now, which is about to destroy the United States. That cannot be tolerated.

So therefore, the value lies in what? It lies in physical values per capita. Now, this also includes the increase of the value of work, the value of production. Because what happens is as we become more efficient, we tend to go into higher technologies, these are more productive. And therefore, we have a differ-

ence between the point that the credit was issued first, and the time that it's matured when the payoff has to come.

So the assumption is, that an increase in productivity can take place in two ways—either in terms of the actual productivity, or the combination of an increase in productivity and also a decrease in the relative cost of the same item. We become more efficient; we can produce the same thing more cheaply. That's another source. But the point is, the key to the whole system, is that you must realize that there must be an *increase* in the physical productive powers of labor, as expressed in terms of net production. That that must occur, and that's the basis of the credit system. That's where the question of the determination of value lies.

Now, if you want a stable system, you've got to have growth—physical growth—or improvement in efficiency of physical growth. So therefore, what you have is, by advancing credit, as if you were loaning money, this money must increase in value. Well, the money doesn't actually increase in value; the cost of the product decreases in value, in terms of relative value. And that's the basis of credit.

Credit does not lie in letting money sit in a bank; it must *do* something. It must change its character; it must be more *efficient*, or it must be more *enriching*. It means technological progress; it means higher rates of energy-flux density, which is an essential part of this. People are more skilled; they do a job which is a more skilled job; they produce more value with the same amount of nominal labor. That's the system. *We must generate growth*. We must increase the productive power of labor. We must advance technology—absolutely. We must increase the energy-flux density flowing through the entire system.

So, all the myths which Republicans and Democrats alike believe in, with a kind of religious, or, shall we say, Satanic passion, are *wrong*. The generation of credit, as *real* credit, occurs *only* by the increase of the productive power of labor, as measured in *physical* terms. This means physical terms in the sense that people doing the same thing do it more efficiently, or do it at higher technology.

For example, increase of energy-flux density, in terms of higher density of power per capita. All these

factors can lead to the creation of *credit potential*, on which real credit is based.

So, the basic reform, first of all, is that. The generation of credit is associated with the *credit system*, not with the simple Glass-Steagall system as such. Therefore, the Glass-Steagall system's function is to give us a *fixed* reference point from which to make the comparisons on which growth is determined. And that is something which is *not* understood, except by a rare few individuals on both sides of the Atlantic. And that's what the problem is.

So, therefore, the credit system as such: What does that mean? It means that the Federal government organizes transactions in society, such that the credit is being generated. In other words, if you are increasing productivity by new technologies, you're increasing the *value* of production; you're increasing the *value* of labor. And it's that growth in value associated with improvements in employment.

For example, when we employ people for doing nothing—which is what we tend to do these days, if we employ people at all—we're not really increasing credit, we're increasing hyperinflation, as is the case today. But the typical Republican of these times believes that money sitting in the bank, or sitting in someone's account—*sitting* there—is just sitting there, waiting to “grow.” And what they find out is they end up with inflation, but not an increase in actual value. And there's no real *increase* in credit.

Early Examples of Credit Systems

Let's take the case of—a nice, hard one: Let's go back to the middle of the period of the settlement of the Massachusetts Bay Colony. Then we had a system of credit which was set up in that colony, that you would make a commitment to complete something, which would be an increase in technology. Then you would find that that improvement in technology had increased the *value* of the outgoing credit which had been established. So, the Massachusetts Bay Colony, during this heyday of its growth, was actually the fastest-growing nation in the world, in terms of technology and in terms of its economic measurement. And only after the Mas-



U.S. Navy/Specialist 3rd Class Jared King

The key to a sound economy, LaRouche stated, is that there must be an increase in the physical productive powers of labor, as expressed in terms of net production. Shown: a worker uses a cutting torch to fabricate a bracket.

sachusetts Bay Colony was crushed by the British interests, then it went back into a poorer condition.

The same thing was started in Pennsylvania, after Massachusetts had been pretty much crushed. And in Pennsylvania, with the influence of Benjamin Franklin, a number of things were done, based on the concept of *paper credit*, paper money, because the paper money represented *credit*, but the credit did not lie in the money *as such*; it lay in the fact of the *improvement* in the productive powers of labor, either through just the improvement of skill as such, the improvement of working on the basis of a *productive* product, as opposed to a *useless* product; and so forth.

So it was actually a *physical* value in all cases: to increase the productivity of labor, relative to an earlier

point in time, and some averaging of the whole process, of the productive circulation process, was to do that.

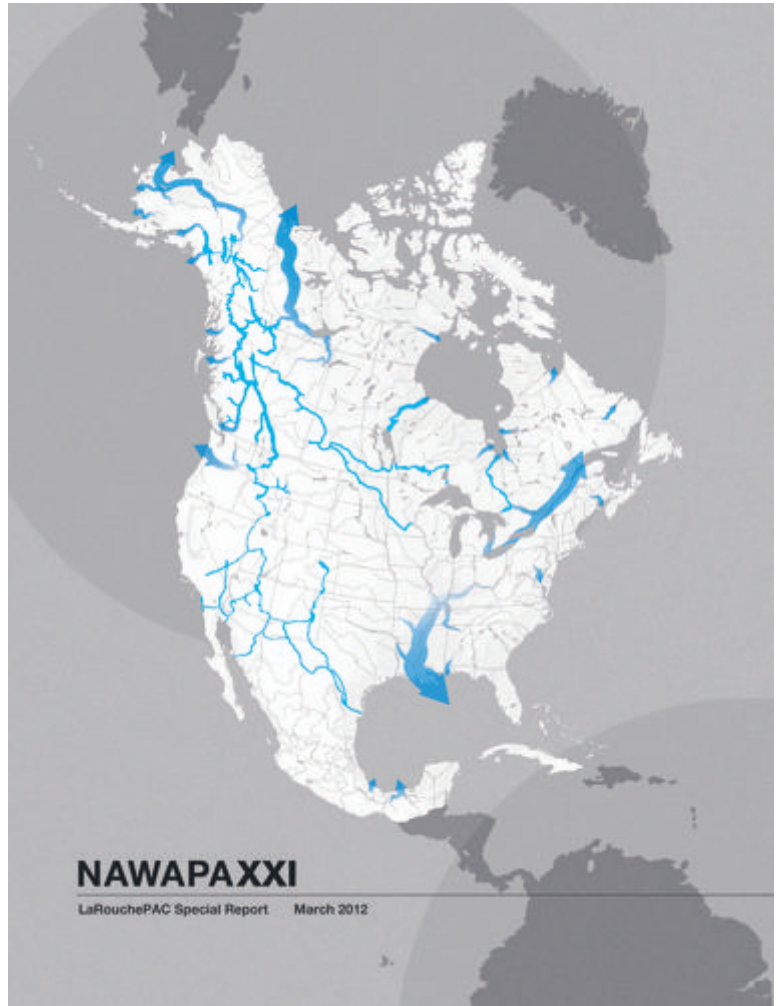
We're now in a hyperinflationary system, and it's about to crash. We're about to have the highest rate of inflation the United States has probably ever been through. And the problem is that people, including the Republican Party leaders, who are supposed to be hard-boiled, rational people—they're actually nuts! Their conception of the way the money system works is absolutely looney! The only thing that's more looney is the Democrats. Which means we do have a few improvements to make in our product.

Now, I mentioned these things so far: I emphasized credit, the credit *system*, and the credit system has been the basis for every successful period of growth of the United States, from its beginning—from *before* its beginning, from the Massachusetts Bay Colony, in its heyday. So, credit is the difference between the productivity of labor per capita *now*, and what it will be in the improvement over some point in time. So, it's the ratio of the improvement in *potential*, of *physical* potential, represented by advances in technology, or improvement in the rate of technology per capita of the population. And that's the basis.

NAWAPA, and the 'Make-Everything' Industry

Now, we have another aspect of this thing. The credit system as such works in terms of the money system; but the money system only works when it's treated as a credit system—then it works. But now we have—knowing that we get nothing out of Glass-Steagall in terms of gain—we don't get anything out of that as such, except to the degree we generate more credit, the realization of more credit. But in the case of the United States, we are so bankrupt, as the result of what has happened, particularly since 2007, but actually earlier—much earlier. But the worst period now has been since 2007, when the take-off occurred, leading into 2008, which led to the bailout money.

So, since that time, since 2007-2008, the United



LPAC

Under the reestablished national credit system, credit from the Federal government will flow into great projects, such as NAWAPA XXI, which will create millions of new productive jobs.

States has been on the road to an increasing rate of *bankruptcy*. And the result of that is a corresponding, increasing rate of *hyperinflation*.

We have a lot of labor we can't employ right now, under present conditions. The banking system does not have the capital to bring this labor, or the production, into being, as such. So, therefore, we have to find some projects which we're going to give credit to *from the Federal government*. New Federal credit is going to be supplied to these projects.

These projects will employ some millions, actually, of people. One will be NAWAPA [the North American Water and Power Alliance]. NAWAPA is essential, not only because it *does* generate a lot of true value and

growth; it changes the character of the water system of the United States; it improves the productive power of labor in every way you can imagine. And we're talking about 6 million jobs, right off the bat. They may not be too *efficient* at first. We have a few old hands who are now near retirement, or are into retirement actually, who are capable of organizing labor employed for this purpose, in order to get the thing rolling, to get this process of growth rolling. So, the NAWAPA, that's a big one.

Then we also have another category. You know what happened some years ago? We shut down the auto industry, essentially, inside the United States. Now, at that point, I was in the middle of this process, on policy. It was obvious to me—and we were boosting that at the time—Ford and some of the other industries were aware of this thing. What we had to do was go to what we did in World War II.

In World War II, the automobile industry, as it became known, was the *make-everything* industry. Airplanes, submarines, torpedoes—anything you wanted to mention—was made by the automobile industry. The greatest amount of *working-space* for this kind of production was under the heading of the auto industry. So, the auto industry, during this period of World War II, was the make-everything industry, and it became that as part of the build-up for fighting the war.

At the end of the war, we had this great potential, but what had happened is, you had a terrible President—Harry Truman—and this creep destroyed pretty much everything. He got so disgusting, that the citizens of the United States became disgusted with him, and they decided to dump him. So, we had a better, we had a real President then, after getting rid of this bum. But still it was not—

There was a lot there, but the auto industry of the 1950s also became *insane*—totally insane. And I was an expert sitting in the middle of this, and forecasting where this thing was going to go. And I had an early date in that period, in which I said it was going to collapse. And it did: The auto industry, and several other industries, went into a sudden collapse, exactly on the day I forecast it would happen.

Well, it was easy for me to forecast, because this involved a lot of contracts, and therefore if you know that something's going to crash, and you have the number of contracts, and the location of the contracts

which are subject to this crash, then you can do a pretty good job of forecasting. But I specialize in the future; it's more interesting than the present or past. Sometimes it's worse, but sometimes it's a better experience.

So, therefore, the development of the *machine-tool driver*: What we lack is an expansion of the general category of a machine-tool driver. And with that, as a supplement to, or complement to what NAWAPA will do as a project, means that we can immediately move into—and I say immediately move *into*—an end to this chaos, and this insanity of the U.S. economy now. And we can move into a gradual but accelerating rate of recovery of the U.S. physical economy.

Therefore, we can generate the *credit* on the basis of that recovery. That credit will enable us to rebuild the U.S. economy. But we have to *earn* our way, by physical increments of real value. And that's the solution we need definitely.

Now, we have a real problem in agriculture. We have *deliberately*, intentionally, destroyed much of U.S. agriculture. On one part, this destruction of the U.S. economy, its agricultural sector, is a failure to respond to challenges in certain parts of the country. On the other part, it's actually a deliberate process of mass murder of the population.

Let me explain.

The Queen's 'Green Genocide' Program

The mass murder of the U.S. population which is now in progress, is a product of the British Empire, and it's a product of the Queen, herself. Because the Queen herself has adopted, as her responsibility—or her culpability, I guess, better said—in which she's saying “We've got to reduce the population of the planet; we've got to increase the death-rates of people; we've got to reduce the world's population from an estimated 7 billion people now, rapidly to slightly more than 1 billion.” And that's the genocide program. The “green” program is a genocide program! The green program means, “Don't do anything that's going to increase productivity!”

Now this is a sure recipe for one of two things: either hyperinflation, or mass murder—one of the two. And that's the policy of Obama. Mass murder and hyperinflation—both. And that's going to become evident in a few weeks—if not *next* week. But in this immediate period, going into the next year, next calendar year,

we're headed for this kind of crisis: a hyperinflationary crisis.

Now, people are denying it, from the press circles and so forth, the usual gossip circles, but everyone at the same time knows it.

We're also headed for the threat of a thermonuclear war. And everyone who's in the military department, and really knows what's going on in that department, among nations, knows we're headed for a *thermonuclear war*, unless we change our policies. And the combination of the green policy—which is a mass-murder policy—together with this threat of thermonuclear war, which is now coming down upon us, means a general threat to the human species as a whole. You're talking, as the Queen is talking about, a *sudden, rapid reduction* of the world's population.

And mass murder is now occurring; it's accelerated greatly under Obama already. The policies of Obama are actually policies of mass murder against the population: the canceling of health care, the elimination of whole categories of health care, and the acceleration of the death rate, by withholding medical facilities, withholding technology, withholding all kinds of defense against health problems.

So, that's where we are now.

Mars, and the Defense of Earth

So, we have also something else to consider. It's a very practical problem, which only a few people are paying attention to much now. And that is Mars.

Now, Mars is very important in this process, despite what some people don't know. The Solar System of which we're a part, is not a fixed system in a fixed position, doing the same-old, same-old, same-old, same-old from year to year to year.

The Solar System itself has a limit to its calculated pre-existence. Within 2 billion years, the Sun will go away—that's the general estimate of the trend right now. And when the Sun goes away, the brightness is going to go out of the universe, for people. So, therefore, we have to have a long-term consideration of what



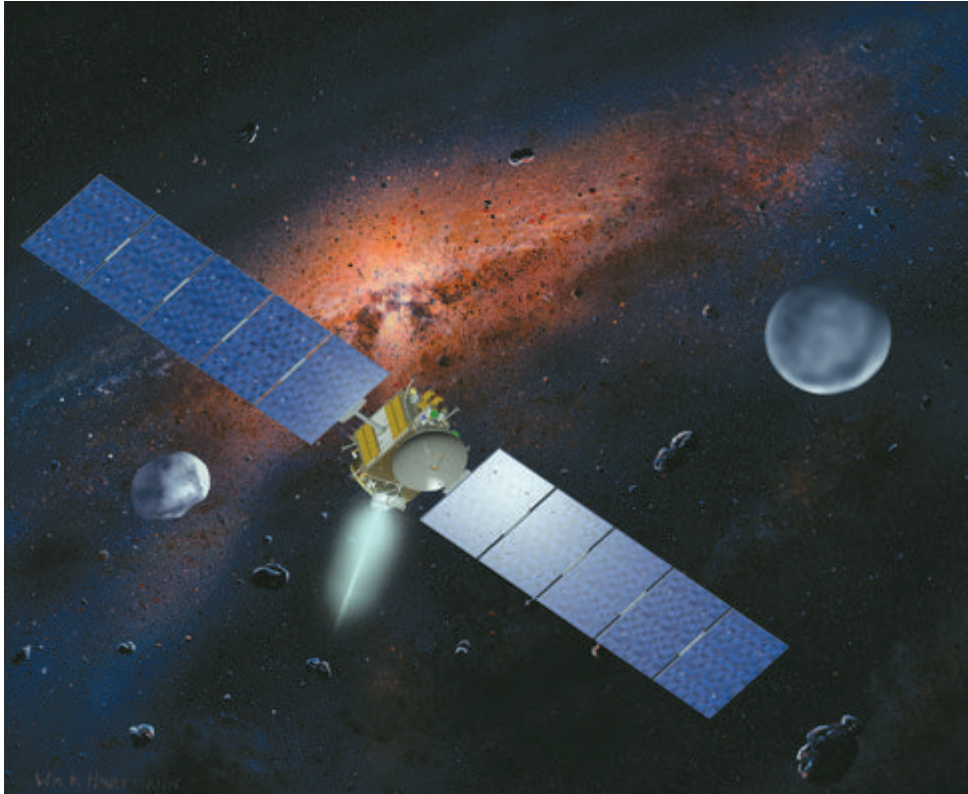
The policy of the British Empire and its "green" shock troops is population reduction worldwide by billions of people. Shown: Addle-brained greenies—these are in the Philippines—doing the Queen's dirty work.

is happening.

We're now getting an increase in the danger to mankind on Earth and elsewhere, from asteroids and comets, which are becoming an increasing menace to the continued existence of mankind, within the range, say, from the Mars orbit down to the Venus orbit. And this had been worked on for some time by some geniuses of the past, who understood the need to organize a defense of humanity on Earth in particular, against these kinds of dangers, these kinds of threats.

And therefore, it's important for us, for this, and related reasons, that we look at the Mars project as we've defined it, as a *defense of Earth* project. That is, we are limited in our capability at present, even to *locate* the asteroid which may kill you in the morning. That's the situation.

Now, obviously, we can do things about this, but it means a technological acceleration in that direction. And therefore, we have to say that mankind is no longer limited, as a matter of policy, to Earth itself. Because in order to defend Earth from mass killings—which are on the agenda—we don't know when they're going to hit in each case, because of the known objects out there, only a small fraction are actually known to us, identifiable to us, today—it's a tiny fraction. And therefore, we have a major effort to build up a system of detection and defense for mankind, operating within the range of the



NASA/JPL

The danger to Earth from asteroids and comets is a challenge that can be met by mankind's increasing mastery of the Solar System and beyond. Here, an artist's concept of NASA's Dawn satellite in orbit around the giant asteroid Vesta.

Mars orbit, and down to the Venus orbit, where all these most significant kinds of things are there. (Comets are a little bit different problem.)

So, therefore, we've reached the point that mankind must *move* from a limitation of living on Earth, to beginning to take over places like Mars.

Now, Curiosity is an example of something in that direction. Curiosity itself is not a solution to this problem, but it's a necessary step in the process of trying to deal with it. So, therefore, we're now going to have to think about integrating Man into the functions of the Solar System, at least in the region between the Mars orbit and the Venus orbit. Because that's the area we've got to solve.

So, all of these processes, therefore, come together in one thing: Mankind is now about to depart from the limitations on Earth habitation. Mankind is going into the Moon, to develop tunnels under the Moon's surface—the preparations for the mass attack on the mission to Mars. Once we do that—once, say, a generation from now, with a hyper-density of energy-flux density—

then we will be able to do that within, say, a week—a week between Moon and Mars landing. Once that is reached, mankind will have a more personally important role, direct role, in terms of this process.

But in the meantime, our job is to prepare the way for that process, and do as much as we can now, in trying to detect the threats to Earth, threats to mankind on Earth, in order to stave off the worst threats we face to now.

So that's the nature of our real task. We have a real task, and this tiddly-wink kind of thing about, "We're going to fix that with this, with that scheme or other," forget it! It's nonsense! Mankind's increase of the productive powers of labor, in terms of

improved technology, increased energy-flux density! Everything about mankind's survival means energy-flux density increases. Without that, no luck, no survival.

Increasing Man's Intelligence

So mankind has to change his policy: Dump the Green policy, which is presently the greatest single threat to humanity, that's a killer! And we have to understand that it is the increase of man's intelligence, which means also scientific intelligence, the ability to create, the ability to generate higher energy-flux densities per capita and per square kilometer of territory—these are the standards on which credit is generated. It's to increase the population of the planet: increase it! Stop this killing people: increase it! Because we need more work done. We need, also, increases of the energy-flux density of the work being done. These are absolute necessities for us.

And the crap that's been shoved into us, all this green crap, has just got to end. We have a population of

the planet, and we need every damned individual on this planet: We need 'em! They have a purpose in existing, because they can become more productive, and as they become more productive, then their children become more productive, and so forth; mankind's ability to cope with these problems increases.

There is no such thing as overpopulation. There's *under-mentation*, and that's what the problem is.

So these are the considerations. You have to think of money as something of fixed value. You walk in with this *money*: "I got my *money*! My *money*! My *money*!" Right? "This is *my* money! I'm going to spend it the way I want to! You don't get any of my money!" That kind of thing. The Andrew Jackson kind of nonsense.

So the point is, we need every human being. We need them to live longer and better. We need them to become more creative. We need to have their children better educated, and developed. We need an increase of the potential productivity of the human force, per capita and per square kilometer, and those are the missions that we must fulfill.

There are many things we don't know yet, but these

things we do know: The increase of productivity of labor per capita, with an increasing population, is the absolute necessity, which has to be coupled with the fact that mankind is no longer going to be content to sit on Earth and gossip about the neighbors.

At this point, mankind is going to take an active role in taking over the Mars orbit. We are going to be inhabiting it with all kinds of instruments and so forth that we put there. We're going to learn how to control these asteroids that threaten us. We have a very poor track on it now. We're going to learn how to use planets as communications devices, in this process.

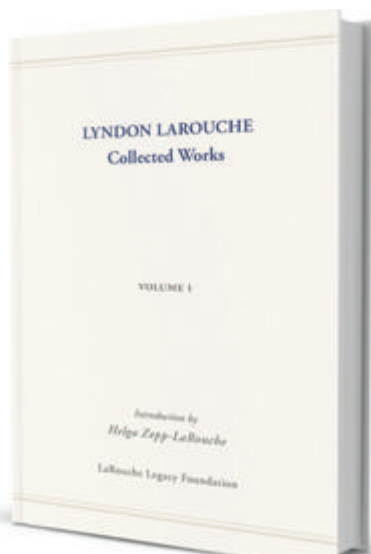
These are the things that we must do. And every step we take in this matter increases the productive powers of labor, makes people smarter, makes them more capable, gives them greater incentive, makes them happier. And that's what we must do.

And all these solutions—which are not solutions, they're actually threats. The Green problem is not a solution to anything. It's a threat to humanity! Green people are a threat to humanity.

Have fun!

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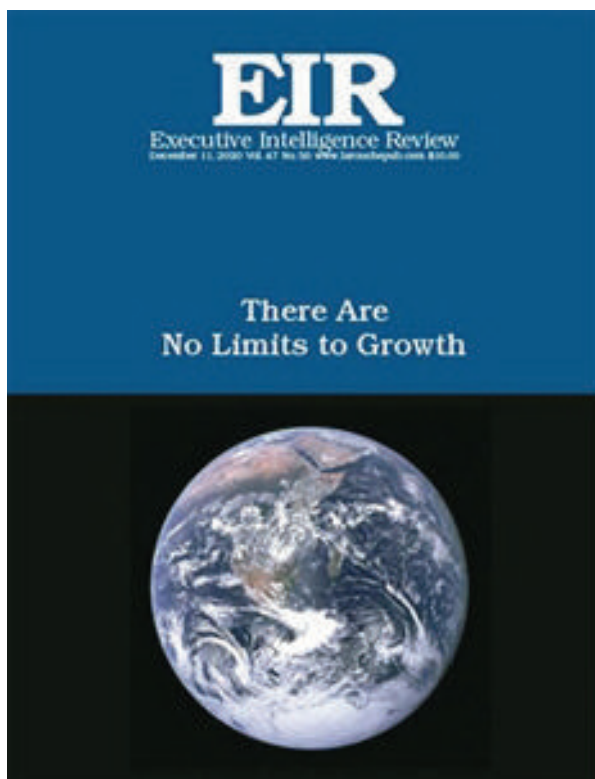
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