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Dialogue: The Science Behind Glass-Steagall
'World Food Crisis'—Direct Product of British Empire
Zepp-LaRouche: There Is a Limit to the Tyrant's Power!

**Lyndon LaRouche on 'Forecasts:
Statisticians Who Failed Today'**



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EIR

From the Managing Editor

Wherever you look around the world today, the haunting words of Shelley's poem "Ozymandias" come to mind, in which, "a traveller from an antique land," tells of a decaying statue, whose remains stand in the desert, "half sunk, a shattered visage," wearing a "sneer of cold command." On the pedestal of the monument to this ancient tyrant, is written:

'My name is Ozymandias, King of Kings:
Look on my works, ye mighty, and despair!
Nothing beside remains. Round the decay
Of that colossal wreck, boundless and bare,
The lone and level sands stretch far away.

And so, today, from Tripoli to Trenton; from Ireland to Indonesia; from Dublin to Delhi, and from Madison to Mexico City, we are witnessing the toppling of the tyrants, as you will read in the pages that follow. Then, the question becomes: What happens next? For, as we can see in all these places, while the people realize that "there is a limit to the tyrant's power," and may even seize that power, without true leaders, that power will turn on them, and, as with the French Revolution, a reign of terror may ensue.

Happily, the needed leadership available. This issue brings you Lyndon LaRouche's Feb. 10 dialogue with a group of U.S. and international policymakers and economists who are studying LaRouche's proposals for a global economic recovery, based on an extended Glass-Steagall, and great projects, like NAWAPA. "We can save this planet," LaRouche states, if we immediately begin to address the common goals: power, water, and food."

As Sky Shields, the Basement Team leader who joined LaRouche in the discussion, insisted, the universe is anti-entropic: "If you look at the history of the Biosphere, and you look at its current state, in order for it even to survive, it has to move to successively higher and higher states." The revolutionary ferment which is sweeping across the world today, gives us the opportunity to move mankind to the next evolutionary platform.

How we will do this, will be spelled out on Thursday, March 10, beginning 1 p.m. Eastern Time, when LaRouche will deliver his next international webcast on "Ireland and America" (www.larouchepac.com). You will not want to miss it.



Cover This Week

The gigantic toppled statue of the Egyptian Pharaoh Ramses II (13th Century B.C.), which inspired Shelley's poem "Ozymandias." Ramesseum Temple, Luxor, Egypt.



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“There is, presently, in fact, an accelerating and spreading of waves of crises with the characteristic quality of a threatened, or even actually in-progress, breakdown-crisis of a nation,” Lyndon LaRouche writes, “a wave presently sweeping throughout the trans-Atlantic world, and, also, threatening to explode, or perhaps even in process of exploding among nations of the Asian regions.” We are virtually “inches away,” he cautions, from a destructive force which even the great nations of Asia could not withstand.

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On Feb. 10, as extraordinary events were unfolding in Egypt, Lyndon LaRouche addressed a private gathering of approximately 75 individuals, gathered in New York City. The gathering included international representatives from Russia, China, India, Egypt, and Ireland. They were joined by a large group of leading American economists from California, New York, New Jersey, Massachusetts, and Connecticut, most of whom comprise what has been referred to as the greater Stanford Group. LaRouche was joined by Sky Shields, leader of the "Basement Team" of scientific researchers.

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FORECASTS

Statisticians Who Failed Today

by Lyndon H. LaRouche, Jr.

February 25, 2011

In the statistical forecasting of trends, all predictions of trends, excepting those written post-facto, have failed. Therefore, watch carefully the choice of the date identified in the heading of a report, before you attempt to interpret somebody's forecast. Note, that none of my general forecasts were ever dated less than six months before the forecast development was first likely to occur.

Also note: that the definition of a competent economist is that of one who not merely rejects, but who actually understands, and thoroughly abhors the inherent incompetence of the use of statistical predicting of economic trends. The secret of competent forecasting lies in reading the failures made in forecasts, as much as the customary failures of the minds of those in positions of responsibility to influence, who are either shaping, or failing to shape today's current policies competently, but within and among nations.

Every would-be forecaster of late, who has attempted to explain a severe social-economic crisis in any nation, but who also attempted to explain the crisis as the special product of the political-economic situation in terms specific to that nation itself, is worse than a failure, not only as a forecaster, but as a human being. There is,

presently, in fact, an accelerating and spreading of waves of crises with the characteristic quality of a threatened, or even actually in-progress, breakdown-crisis of a nation, a wave presently sweeping throughout the trans-Atlantic world, and, also, threatening to explode, or perhaps even in process of exploding among nations of the Asian regions. These crises are not the product of the internal situation within each specific nation; each is a crisis with the characteristic of a virtually global economic-breakdown pandemic, a pandemic already exploding within the nations throughout the trans-Atlantic regions, while threatening to overwhelm the Asia rim.

That present world-wide, financial-monetary economic system entering a break-up phase, is presently gripped by an onrushing, general, physical-economic, as much as a financial-monetary breakdown-crisis. The same crisis which is hitting the southern and eastern sections of the Mediterranean region, is also bringing down the respective national economies of the Americas. We are virtually "inches away" from the present potential of a general breakdown-crisis throughout the trans-Atlantic and "Near East" regions, a wave of a single crisis which even the great nations of Asia could not withstand.

Take note of a fact of special importance. The current President of the United States, Barack Obama, is already gripped by his own personal breakdown-crisis.



U.S. Navy/Communications Specialist Jesse B. Awalt



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"In manifest effects," LaRouche writes, "Scott Walker's Wisconsin and Gaddafi's currently disintegrating Libya are pretty much the same politically..." They are, "personally, expressions of the same, global, trans-Atlantic breakdown-crisis currently in accelerating progress."

Since the developments of this just past January, it has become plainly visible to an observant portion of the public, that Obama has lost control over both the nation and himself. Much the same is to be said of both the Federal executive and of both the House of Representatives and the Senate respecting any crucial legislative or related effort to prevent the presently onrushing

general breakdown-crisis of the U.S. economy generally. In brief, the U.S.A. itself is presently gripped by the most deadly economic crisis which the world had known in recent centuries, while Europe, including the British empire, is in a condition as bad, or worse than that of the U.S.A.

In the case of the government of the U.S.A., we find that the national institutions of the government are curiously inept, unable to take any actually rational action to deal with the onrushing physical and social effects of a presently accelerating, general financial-moneymetary-economic breakdown-crisis. Those institutions are "letting the worst breakdown-crisis in U.S. history simply happen, pretending that the situation is out of their hands." At the present moment, the only evident source of political vitality is found on the level of the general citizenry of our republic, not the officials of rank in the Federal Government or the governorships of the states.

So, in manifest effects, Scott Walker's Wisconsin and Gaddafi's currently disintegrating Libya are pretty much the same politically, from the top position occupied by the state's already notorious Governor and virtual prospective cannibal-in-chief, down. Gaddafi and that Governor are, personally, expressions of the same, global, trans-Atlantic breakdown-crisis currently in accelerating progress.

It is time to remember that the French Revolution launched in July 1789 was a relatively mild affair when compared with the global disaster now accelerating throughout the planet, under a reign of the spread of political tornadoes, throughout the presently ruling political and financial institutions of the trans-Atlantic region as a whole. A certain madness grips the minds of the reigning political and economic institutions, a madness among the institutional leaders of public and private authority, alike. A certain special kind and degree of madness among those institutions. A madness to which no leading governmental institution of the trans-Atlantic region has brought any significant sign of sanity thus far.

In light of that general state of affairs in that region of the world, my uniquely superior qualifications on record as a competent forecaster, may be brought into play through a fresh approach to remedies. I have announced this approach now, and will be presenting relatively detailed pieces of warning and advice during the days and weeks immediately ahead

The Doom of Quadaffy-Duck

by Lyndon H. LaRouche, Jr.

February 27, 2011

Today, we should review the situation confronting the forecaster, by beginning with some useful insights prompted by considering what the case of Muammar al-Gaddafi typifies.

Daffy Duck, by which I mean, on this occasion, Quaddafy Duck, is going down; but, we must not overlook the many other, closely related current situations, cases of many of those in U.S. Republican Party ranks, who, like Wisconsin's Governor Scott Walker, might imagine that they are getting a head, but, are now in the process of beginning to become about as unpopular with the state's citizens, who are about as secure a source of wisdom concerning their own future as King Louis XVI after the storming of the Bastille. The foolishness of Louis XVI from about 1782 on, marks a pathway to doom which should be considered as a case-study to apply to the cases of many foolish leading strata inside the U.S.A. today, cases of supposedly influential people who are scheming cleverly in ways, similar to the follies of Louis XVI, which tend to guide them, full of themselves, on the pathway to complicity with their own pending doom.

Louis XVI Wrote His Own Doom

The truth about the backing for the cause of U.S. independence by sundry governments of continental Europe, was their bitter memory of the way in which the Anglo-Dutch adherents of Paolo Sarpi's New Venetian Party had reacted to their recognition that the nominally British Sarpi party had played the rest of the nations of Europe for fools in the so-called "Seven Years War" of 1756-1763. In the aftermath of the 1781 victory of our United States and its allies over the British at Yorktown, many in the U.S.A., as many former allies in Europe, virtually went to sleep, while the British Empire, then under the 1782 leadership of Lord Shelburne and his lackey Jeremy Bentham, launched and directed the creation of the new-born British Foreign

Office. This featured what were to become the most notorious of the leading intelligence officers of the British Foreign Office, Bentham himself, first, and, his protégé and anointed successor, Lord Palmerston. Shelburne's orchestration of the separate peace treaties of Britain with the United States, France, and Spain, set the stage for the special role of Bentham in orchestrating what was to become known as "The French Revolution."

In brief, those European states which had been suckered by the British orchestration of the Seven Years War, played the part of a sucker of the same folly of 1756-1763, which had brought Lord Shelburne to power, in the British Foreign Office's orchestration of the run-up to the French Revolution, including "the Queen's Necklace Affair," which would be, in highly relevant, essential respects, the subject of Wolfgang Amadeus Mozart's original script used for *Don Giovanni*. The ruin of the French economy under the poisonous influence of the Physiocrats, and a direct British Foreign Office control over the French agents of British influence behind the affair of the Bastille and the subsequent Reign of Terror, weakened the United States greatly in sundry ways, a result in which British-orchestrated influences used the Napoleon married to a Habsburg princess as a puppet for the destruction of the nations of continental Europe along the same lines expressed by the precedent of the Seven Years War.

In general, the essential corruption inside the United States, from the break between the pro-American patriots and such tools of the British East India Company as Judge Lowell, has been the effort by the British empire either to simply crush the United States, or to corrupt it into self-destruction through the role of the Wall Street-centered swindlers who have been the indispensable elements of every principal evil done to our republic, both from within, and from without. Even a number of U.S. Presidents have been actual, or virtual traitors in and out of office. As a matter of strict fact, for those who actually know the facts, there has been no significant exception to that rule, up to the present day, under British puppet Barack Obama.

There is no significant general problem of the United States within the past hundred years and more, which was not a product in which the British empire has played a leading part, including the British international monopoly, since the 1790s, in the international drug trafficking.

The failure of many influential U.S. citizens, to recognize that fact, is the second most significant factor in

all of the worst mistakes made by not only the U.S. Government, but the mistaken opinions of most of our citizens, most of the time. The worst, is the belief in the doctrine of British Liberalism of Adam Smith: Smith's Sarpian dictum that there is no truth but that of pleasure and pain.

The principal source of the crises of our United States is those two effects of virtual "brainwashing" of our citizenry in ways which they have lost the power to distinguish truth from falsehood.

Thus, competence in the practice of intelligence functions on behalf of the U.S.A., whether as officials of those services, or professionally qualified grades of volunteers, depends upon this understanding of that British problem, a problem centered in Paolo Sarpi's substitution of pleasure-pain for reason, which is the principal factor in both our internal and foreign affairs since the beginning to the present day.

There Is a Remedy

For most of the governments and leading press throughout the continents and nations among the trans-Atlantic world, a phenomenon like the present, imminently global richocheting crisis of collapse among a growing roster of this sector, is beyond their comprehension, just as Percy Bysshe Shelley described the occurrence of such mass phenomena in the concluding paragraph of his *A Defence of Poetry*.

For that just-stated reason, the case of Obama no longer has special interest for what had been usually considered, otherwise, as competent forecasters; a higher order of lawful processes than they are able to comprehend has seized the command over current world history.

Just so, contrary to the world's customary lying, or simply foolish leading press, and the like, the wave of crises reaching from such places as Bahrain to Wisconsin and beyond, is not a coincidental collection of local crises, but, rather, in the likeness of a trail of droppings of feces left by a strange, large creature marching, with rapid and giant steps, across a broad terrain of the nations in the creature's pathway, as from Bahrain to Wisconsin, and where former Governor Schwarzenegger had now departed. Only a wishful fool could imagine that the individual turds are independent phenomena. The crisis appears to be trans-Atlantic; it is actually an all-encompassing, global crisis. The entire notion of an accepted set of rules of political-economy is now doomed to general extinction, until the time that either

that set of monetarist rules is discarded, or the world system collapses into a new dark age, planet-wide.

For example, it were now almost certain, that the recently notable mucky-muck of Libya, Muammar al-Gaddafi, for example, will soon lie like a defeated creature rotting on the desert sands, while what were formerly his bankers in Switzerland, London, and like places, are preparing to swoop down to pick whatever passes for the image of his very bones. From the point of currently unfolding history, he is no longer of any particular importance on the desert sands, or elsewhere. In the sands of modern history, it becomes clear now, that he really never was: a clown, merely put on stage, to posture up and down before his audience, until the final curtain on that performance rings down. An entire legion of assorted specimens with similar ultimate destinies has been dropping, like rotting fruit, from the trees.

Consider the ultimately similar case of the present Republican Governor of Wisconsin; and, there is an abundance of others similarly intended to lie in the shallow, wind-blown sands of discarded fame. Dread fate swoops down in many places, like hordes of the feared Erinyes, sweeping away the souls which had once inhabited the seemingly great power owned by those tyrants and fools who worshipped the god of both their now worthless money and their now increasingly worthless reputations. What a pitiable wretch each former tyrant is to behold, when the piteous creatures who once seemed, for a time, to rule the world, shall vanish from memory. Empty graves attract few mourners.

The planet, especially the trans-Atlantic regions for the moment, has now already entered into a terminal phase of the worst general financial-economic breakdown-crisis in known modern history. That is not something which could happen, or might happen; it has already happened, falling like an already dead body, still falling, soon to hit the ground. For the survivors, it will soon be as if an old world had died, in order than a new might be born—only "might be" born.

Thus, the danger to the people of every nation, tends to lie, in a similar way, within themselves. It is the misdirection built into the way most among us customarily think, which leaves us open to those self-deceptions by means of which our witting adversaries are best readied to cause us to bring about our own destruction, as the cases of the succession of Presidents George W. Bush, Jr. and Barack Obama cause our own citizens to make fools of themselves and our republic, again, and again, and again, up to the present day.

There Is a Limit to A Tyrant's Power!

by Helga Zepp-LaRouche

This article was translated from German.

Feb. 25—A drama is being played out before the eyes of the world, which involves nothing less than the future existence of human civilization, at least as we know it. Like a giant earthquake that has affected the entire planet, freedom struggles are spreading everywhere, with mass demonstrations, destabilizations. The system of globalization is crashing—and the outcome remains uncertain.

Mankind is being submitted to a test of whether we have the moral fitness to survive. Will we act in time to strip away what Pope John Paul II once called “the structures of sin,” and replace them with a political and especially economic order that is in harmony with the order of Creation, with the laws of the physical universe?

Given the threat of national bankruptcy of the United States, of many countries in Europe and the so-called developing countries, which have long been prevented from developing, and the increasingly widespread foreboding in the population that the world financial system is only a few centimeters away from a collapse, the political class is acting with crass incompetence. Unable to free themselves from the axioms of the present system, they are sticking to well-trodden paths, as though they were afraid even to perceive the reality of the collapse.

Listen to Schiller

Ordinary citizens, however, feel connected worldwide by the knowledge that they have no future within the Ancien Régime, neither in North Africa, nor in the

United States. Messages of solidarity are being sent from Wisconsin to Egypt and from Ireland to Tunisia. And whether people are taking to the streets against a despotic U.S. governor who wants to smash the trade unions, or for the right to affordable bread prices in India, no one has expressed the prevailing spirit better than our great poet of freedom, Friedrich Schiller, whose famous Rutli Oath was itself inspired by the U.S. Declaration of Independence:

No, there is a limit to the tyrant's power!

When the oppressed man finds no justice,
When the burden grows unbearable, he appeals
With fearless heart to Heaven,
And thence brings down his everlasting rights,
Which there abide, inalienably his,
And indestructible as stars themselves.
The primal state of nature reappears,
Wherein man confronts his fellow man;
And if all other means shall fail his need,
One last resort remains—his own good sword.
The dearest of our goods we may defend
From violence. We stand before our country,
We stand before our wives, before our children!

These days, government officials and politicians are revealing whether they are on the side of the common good and republican freedom, or on the side of the casino economy and the speculators, who decided to defend their right to mega-profits and related privileges.



swiss-image.ch/Jolanda Flubacher

German Finance Minister Wolfgang Schäuble became the first G20 finance minister to support the findings of the Angelides Report on the reasons for the crash. He failed to identify the solution, however.

The first category includes, for example, Icelandic President Olafur R. Grimsson, who has now refused, for the second time, to sign an Act of Parliament involving compensation for British and Dutch banks, over the bankruptcy of Iceland's Landsbanki. Instead, he supports the referendum that the majority of the people are demanding. In Ireland, a referendum can also be expected after the election.

The second category includes such blockheads as IMF director Dominique Strauss-Kahn and European Central Bank (ECB) president Jean-Claude Trichet, who want to fight against the inflation that results from their own policies, by driving down the real income of the population.

A Shift in Germany

German Finance Minister Wolfgang Schäuble can definitely claim the honor of being the first finance minister from the G20 countries who now fully supports the findings of the U.S. Angelides Commission [Financial Crisis Inquiry Commission, FCIC]; he even unambiguously rejects the dissenting opinion of the four Commission members from the U.S. Republican Party, in a speech today at the University of Frankfurt's Center for Financial Studies. Schäuble explicitly confirmed that the excessive pumping of liquidity—meaning, exces-

sive bailouts for the banks and excessive deregulation; meaning, the abolition of the Glass-Steagall standard—are to blame for the crisis.

This is an important first step, for which Schäuble deserves credit. Unfortunately, however, he could not bring himself to endorse the only realistic solution, which is the reintroduction of a two-tier banking system—the Glass-Steagall system—on the global level; instead, he pointed to the planned restructuring law and the Eurosystem, both of which remain within the context of monetarism.

The fact that times are changing was also shown by a poll of more than 200 economists from the German-speaking countries, of whom 189 said that the purchase of toxic government bonds by the ECB aggravated the euro crisis and led to (hyper) inflation. Only 7 economists voted in favor of the bond purchases and 11 abstained.

Global inflation has already long been out of control, such that a growing number of the poor in Germany and in many developing countries, where people have to spend up to 60-70% of their income on food, are already paying with their lives for the results of this policy.

Guttenberg's Privatization Schemes

Unfortunately the never-ending saga of Defense Minister zu Guttenberg's doctoral dissertation also partakes of the habits of the Ancien Régime. Apart from what the scandal itself says about him, the question also arises of how a university, which after all has to worry about its academic reputation, could accept a doctoral thesis, with the designation "summa cum laude," which is then exposed as containing probably 270 cribbed pages. The daily *Bild-Zeitung* now reports on a cooperation agreement between the University of Bayreuth and the Rhön-Klinikum AG, from 1999 to 2006, during which EU750,000 made its way over to the university to fund a new department of medical management.

Now, the Rhön-Klinikum Clinic AG, a hospital on whose board Guttenberg sat from 1996 to 2002, and which had previously belonged to the Guttenberg family, is known for the conception of privatizing health care, which leads directly into a three-tier system. And the course of study of medical management includes so-called health economics, in which cost-accounting efficiency comes to the fore—which naturally has fatal results under conditions of a breakdown crisis.

Now this cooperation agreement might have been considered totally legal, just as health economics has



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German Defense Minister Karl-Theodor zu Guttenberg's "reform" of the Army amounts to privatization, with both social and military consequences that no one seems to have taken into account.

unfortunately become acceptable. But if Guttenberg's thesis advisor had an eye as blind as that, then something is at least fishy.

To put it clearly once again: The privatization of health care belongs to the paradigm of globalization, which is currently collapsing, and to which we owe the fact that the Federal Doctors Association now intends to permit a weakening of the Hippocratic Oath, according to which the doctor is dedicated only to healing people.

Even more serious, however, is that the whole political Establishment has allowed Guttenberg to palm off a reform of the Bundeswehr (Army), which virtually amounts to privatization, and which likewise belongs to the axiomatics of globalization. Furthermore, the reform deprives the social welfare sector of important manpower, and, has resulted in an enormous lack of technical capability, whose important consequences were simply ignored.¹ And *Die Welt* already gave it the headline: "The lower class takes over the national defense," because it's expected that the only people who will henceforth want to go into the Bundeswehr, are

1. The reform included an end to conscription (officially, a "suspension"). As a result, many conscientious objectors who were doing mandatory alternative service in the social services sector are now free to leave. The draft was ended so abruptly, that technical capabilities have also been affected.

those with no other opportunities. The Bundeswehr reform is definitely not in the national interest of Germany, and should be stopped.

A Window of Opportunity

No one who thinks the situation through will be able to deny that the continuing attempt to save the thoroughly bankrupt financial system by means of further "rescue packages," creates more liquidity, therefore more speculation, especially in raw materials and food prices, and that this leads in turn to more food riots, to more waves of refugees who naturally want to come to a place where they think they might have a chance to survive—to Europe. The Italian government is obviously correct in not wanting to be left alone to deal with this potentially gigantic problem. And it is also correct when it demands a Marshall Plan for North Africa. But we need a

reconstruction plan for the entire world!

The reality is, that mankind has only a short window of opportunity within which we could carry out the necessary reorganization of the financial system, and could replace the monetary system with a credit system in the tradition of Alexander Hamilton and Franklin D. Roosevelt's New Deal and Glass-Steagall standard. In Germany, the Kreditanstalt für Wiederaufbau [Reconstruction Finance Bank], which was modeled on Roosevelt's Reconstruction Finance Corporation, brought us the closest to such a credit system, and thus successfully brought Germany out of a rubble field, making it, within a very few years, into the country of the economic miracle. We must take up this tradition.

A credit system has nothing to do with money; the state, through the allocation of credit for future production, makes sure that the domestic market, and with it the living standard of the population, is raised. It also means that sovereign states conclude long-range treaties of cooperation for concrete industrial and development projects, which go exclusively for raising the productivity of the workforce through the development of the creative potential of mankind. Either we accomplish this, placing mankind again at the center of politics and the economy, or we collapse into a dark age.

Join us in the most important mobilization of our lives!

Majority of Danish Parliament Backs Angelides-Type Financial Crisis Probe

by Michelle Rasmussen

COPENHAGEN, Feb. 22—Yesterday, Denmark’s national Danish Radio station announced that there is now a majority in the Parliament that supports the convening of an independent financial inquiry commission, consisting of parties not in the government coalition, with the addition of the votes of the Danish People’s Party. This now paves the way for a full Danish inquiry, hopefully patterned on the U.S. Congress’s Financial Crisis Inquiry Commission, led by Democrat Phil Angelides, former Treasurer for the State of California, which issued its report on Jan. 27, 2011.¹

This breaking news development occurred in the wake of the scandal created by the collapse of Denmark’s ninth-largest bank, Amagerbank, including the fact that the government will lose at least \$1.2 billion, which it deposited with Amagerbank just three months ago.

Coincidentally, the Schiller Institute in Denmark, the Danish branch of the international LaRouche political movement, a few days before, had delivered copies of its latest 60,000-run campaign newspaper, to each parliamentary office, with the banner headline: “Amagerbank Scandal: Angelides Commission Now!” In addition, there is a statement by the chairman of the Danish Schiller Institute, Tom Gillesberg, in which he says, “We in Denmark need a financial inquiry like the Angelides Commission, which can reveal and document the deep incompetence that the politicians, finan-



LPAC-TV

Danish Schiller Institute chairman Tom Gillesberg, is shown in an LPAC video, with the Institute’s newspaper calling for an Angelides-style inquiry into the causes of the financial crisis, just six days before the Danish Parliament endorsed such an investigation.

cial world, and the state authorities have exhibited in their handling of the financial crisis of the recent years.”²

The newspaper also publishes an article about the conclusions of the Angelides Commission; the text of Lyndon LaRouche’s Jan. 22 webcast urging the passage of Glass-Steagall legislation; and the text of the Jan. 28 Schiller Institute testimony in the Danish parliament (see below).

The U.S. Financial Inquiry Commission was also mentioned in the article entitled, “Politicians will get to the bottom of the financial crisis,” printed in the Danish labor movement’s weekly newsletter *A4*, the source for the Danish Radio story, which stated:

“During the past years, in the U.S. and several EU

1. See www.fcic.gov

2. See www.schillerinstitut.dk/drupal/system/files/ka12.pdf



EIRNS

Denmark's ninth-largest bank, Amagerbank, went belly-up on Feb. 7. It is believed that the Danish government will lose at least \$1.2 billion in the bank failure.

countries, economists have tried to get to the bottom of the financial crisis to find answers concerning how a new crisis can be avoided. At home, the government has so far refused to unravel the causes of the financial crisis. It now emerges, however, that there is a political majority behind getting an independent review of the financial crisis in Denmark. . . . Several countries have already completed their unraveling of the financial crisis. The studies that have attracted the most attention are from the hardest-hit countries like Ireland and Iceland, but also France, Norway, England, and Holland have turned the causes of the financial crisis upside down. In January, the U.S. commission on the financial crisis finally issued its report.”

On Jan. 28, ten days before the collapse of Amagerbank, and one day after the issuance of the Angelides Commission report, the Schiller Institute in Denmark testified before the Danish parliament’s European Committee, beginning with the conclusions from, and importance of, the Angelides report. This testimony was also televised on the Parliament’s TV channel.³ The Schiller Institute in Denmark is well-known in the parliament for its numerous testimonies based on the American economist and statesman Lyndon LaRouche’s warnings about the accelerating financial collapse, and proposals for recovery, including reinstating the 1933 Glass-Steagall bank legislation.

Gillesberg Testimony

In his Jan. 28 testimony to Parliament, Gillesberg stated, “We must no longer be intimidated by the generally accepted delusions and incompetent dogmas which

have dominated the financial community during the past three decades. We must introduce a Glass-Steagall law, and put the financial world under the control of sovereign nations.

“The necessity of doing this should be evident to everyone, after the Angelides Commission, established by the U.S. Congress in May 2009, to shed light on what actually went wrong with the financial crisis, published its report yesterday. It concluded that: ‘The crisis was the result of human action and inaction, not of Mother Nature or computer models gone haywire.’

“According to the report the crisis was attributed to a change of values in the financial and political world, over the past three decades, which resulted in deregulation, and the removal of government control—above all, the repeal of the Glass-Steagall Banking Act, in 1999, and a 2000 law that allowed the creation of trillions of dollars of derivatives.

“According to the report, the highest economic authorities in the U.S. Federal Reserve Bank, the financial world, and the U.S. government, have shown a total lack of understanding of the economic process. This resulted in the crisis, and the hopelessly incompetent handling of it. The commission’s conclusion was, ‘The greatest tragedy would be to accept the refrain that no one could have seen this coming and thus nothing could have been done. If we accept this notion, it will happen again. . . .’

“One thing the Angelides commission forgot to mention, is that, if the American statesman Lyndon LaRouche, who is the only economist who has been right in his economic predictions during the past 50 years, including the prediction of the current crisis, and his collaborators in Schiller Institute, had been listened to, then the financial crisis would never have occurred. We

3. See <http://schillerinstitut.dk/drupal/node/426>

warned about the crises and catastrophes, which the generally accepted way of thinking would lead to.

“In connection with elections here in Denmark, The Friends of the Schiller Institute, and I ran for office with such slogans as: ‘When the bubble bursts—a New Bretton Woods’; ‘After the Financial Crash—Maglev across the Kattegat’; and, ‘Only a new credit system can save Denmark.’ We have extensively warned Members of Parliament, including through numerous testimonies in the parliament. It is therefore time that Members of Parliament, and the Danish government, instead of blindly, like lemmings, leading Denmark over the cliff, along with the euro countries, listen to the solutions the Schiller Institute has presented, which will not only safely bring us through the current crisis, but also give us an exciting and fascinating future.”

Support Grows

The Social Democratic Party, Socialist People’s Party, and the Unity Party have previously announced their support for a financial crisis commission. In his statement to A4, the financial spokesman for the Social Democrats, Morten Boedskov, expressed his intentions for the breadth of the commission’s mandate. “We have witnessed major financial crises in Denmark in the ’80s, ’90s, and, more recently, with the [current] financial crisis. Every time we have seen heavy exposure in the real estate markets, immensely creative financial products, bank managements approving high-risk investments, and a state financial supervisory institution which has lagged behind. We simply do not want to see it again for a fourth time. That is why a commission is necessary.”

The Vice President of the Danish Peoples Party, Peter Skaarup, told A4 that a commission should investigate “the stupidities and mistakes during the crisis. In this context one cannot avoid the role of banks.” An economics professor from Copenhagen Business School, Jesper Rangvid, stressed the need for the commission to also produce recommendations to prevent the recurrence of future financial crises. “But what did the Danish banks do in the years up to the crisis in order to guard against risky lending? And were the rules adequate? We need answers in order to decide how similar crises can be avoided in future.”

He condemns the government for starting to write legislation without investigating the causes of the crisis, especially the role of the banks. And Jacob Funk Kirkeg-

aard, from the Peterson Institute for International Economics, said that there has been practically no showdown with the banks in Denmark.

The spokesman for the Socialist Party, Ole Sohn, emphasized the role of the government in approving interest-only loans, which puffed up the housing bubble.

The two government parties, as well as the bank association, are against convening a commission.

The Next Danish Bank About To Crash

According to the Danish government’s “Bank Package III” legislation now in effect, Amagerbank became the first European bank to collapse since the Icelandic bank, Icesave, where depositors lost money (all deposits over 100,000 euros), and senior bondholders were given an approximately 41% “haircut.” Afterwards, the Danish Financial Oversight Authority itself stated that more banks were likely to crash in the future.

The day after the announcement of a majority behind establishing a Danish financial inquiry was reached, the news came of the name of the next Danish bank that has already jumped off the cliff—Aarhus Lokalbank. The bank, essentially, publicly declared itself bankrupt, but is trying to buy time by attempting to convince investors who are holding bank debt, to convert it into stock (which would put those investors in a worse position, in the likely case that the bank were formally declared bankrupt).

Nor is this the only shoe to drop: Two other banks considered “too big to fail,” including Denmark’s largest, Danske Bank, and the Inter-Alpha Group’s Nordik Bank, are also on the “failing” list—a list of “the 18 most dangerous European banks,”—banks that would create systemic crises in the European banking system, if they were to fail, compiled by the European think tank, Breugel.

The Schiller Institute will intensify the pressure for a Danish Angelides Commission and Glass-Steagall legislation, by continuing to distribute its newspaper, of which over 14,000 copies have already been handed out, and by leading the debate. The circulation of a La-RouchePAC video on the subject is bringing international attention to this development, and is spreading the momentum for Angelides commissions around the world, needed to pave the way for crucial Glass Steagall legislation.⁴

4. See <http://www.larouchepac.com/node/17555>

Traitors to the Nation Are Swept Out of Power

by Nina Ogden and Dean Andromidas

March 1—When the 31st session of the Irish Parliament convenes on March 9, the ballot revolution will have swept away the Fianna Fáil ruling party, which had run the Republic of Ireland for many of the last eight decades. The Irish population has decisively rejected its government's policies of brutal sellouts to the international bankers, the IMF, and the European Union, and is demanding a decisive change for national sovereignty.

But the most stunning development of the election, as the British press has nervously noted, was the dramatic results for the one party which opposed the bank bailout imposed on Ireland by the EU/IMF combination—the nationalist Sinn Féin party. Sinn Féin, under the leadership of former Northern Ireland leader Gerry Adams, trebled its numbers in the Parliament (the Dáil), from 4 to 14 seats, and is poised to lead the offensive by the opposition.

Sinn Féin ran its election campaign under the theme of “Burn the bondholders,” insisting that the nation of Ireland let the private banks pay for their own mistakes, rather than saddling the Irish people with a bailout. Its electoral offensive emboldened the other anti-bailout parties, and Gerry Adams has vowed to continue it.

Lyndon LaRouche welcomed the developments, noting the common history of the foundations of the American Revolution and the Irish fight against the British Empire, from the time of the 1688 invasion by William of Orange. In effect, he argued, the long hand of Irish history has reached out to bring down the traitors of the Fianna Fáil, who had sold out the people of Ireland to their British imperial enemy.

Inter-Alpha versus Ireland

It was the British Empire's Inter-Alpha Group of banks which chose Ireland as the scene for the battle which led to this revolution. Faced with utter bankruptcy, due to the collapse of its speculative bubble, the London-centered international banks demanded that



albertw

Gerry Adams' Sinn Féin party, which won significant gains in the Irish elections, ran his campaign on the theme, “Burn the bondholders.”

the people pay—specifically, the people of Ireland. As the blowout approached, in the Fall of 2010, enormous pressure was put by the EU, the IMF, and the banks themselves, on the Irish government, to adopt a program of massive bailout for their bankrupt private banks, most especially, the Inter-Alpha's Allied Irish Bank, as well as Anglo-Irish and others.

The Irish population did not give in easily. Over 100,000 people demonstrated in the streets of Dublin, in freezing weather Nov. 27 (the equivalent of 7 million demonstrators in the United States). And polls began to trace the rapid and stormy rise of the Sinn Féin party there, hitherto, a small minority, which was the only party to reject the package, at once, and in toto.

Through bribery and treachery, however, the ruling Fianna Fáil party—along with its coalition partner, the Greens—capitulated to the bankers' demands. They rammed through an agreement to a deal, which is worthy of comparison to that forced on Germany at Versailles in 1918. Under that deal, 10% of Ireland's GDP was to be given over to the bondholders, annually, by 2014, on top of 10% thrown down the same sewer by five similar such programs over the past two years. And another 10% of the average Irish family's income would be taxed away for that purpose, on top of 10% per annum over the past two years.

And all for what? To indemnify the foreign creditors of Ireland's banks, who gambled and lost, due to their own stupidity and greed, on mortgage bubbles and other more lurid swindles, just as in the United States.

Sinn Féin's Leadership

At the beginning of the Irish crisis, as details of the rotten bailout deal began to leak out, Sinn Féin took the moral leadership. Gerry Adams resigned his seat in the Northern Ireland Parliament and announced that he would lead a full slate of Sinn Féin candidates in the Republic of Ireland. While all other parties were crawling on their knees to the IMF and EU, Sinn Féin announced that "not one red cent should be paid to bail out the banks." The Sinn Féin candidates campaigned against every aspect of the austerity budget agreed upon by the government and the financial empire running the bailout.

The election campaign was tarnished by filthy operations against Sinn Féin, and Adams, in particular, but the Irish voters were not fooled.

When it was announced that Adams had won on the first ballot, he was hoisted on the shoulders of his supporters, and declared, "We went out in this election, we set out our stall very, very clearly. I think the votes across the state show a significant amount of people support the position we have taken up."

"We went out with a very, very clear manifesto in terms of core, genuine republican values which are about upholding citizenship, looking after the most vulnerable, making sure that people have their entitlements," Adams said. "That's what we're about. We're also a united Ireland party. We're an All-Ireland party."

Quoting from the pamphlet by James Connelly, who was tied to a chair and executed by firing squad for his role in the 1916 Easter Rising against the British Empire, Adams said, "Okay, so this isn't just about who wins what, and who tops the poll, and who doesn't; this is about actual sacrifice in terms of ongoing reconquest of Ireland by the people of Ireland."

The Next Step

The overwhelming victors in the election were the Fine Gael party (generally seen as "conservative"), with 76 seats of the 166 total. The Labour Party came next, with a record 37 seats. The Socialist Party and the People Before Profit Alliance each won 2 seats, and the Independents, 15. The "ruling" Fianna Fáil went from 78 to 20, with only 1 seat in the capital, Dublin. The Greens were wiped out of Parliament.

Sinn Féin will be joined by other anti-bailout parties in the new opposition, including the United Left Alliance and Independents. The leader of the Socialist Party, Joe Higgins, who had challenged European Commission president José Barroso in the Euro Parliament, over the bailout package, was elected, as were others who agree with the intention to "burn the bondholders, save the people."

As of this writing negotiations have begun for a new governing coalition of an impossible group of strange bedfellows Fine Gael and the Labour Party. Enda Kenny of the Fine Gael is set to be the next Prime Minister. He has already gone to the EU, begging that the interest rates agreed to in the bailout be lowered. He was rejected before, and it's unlikely his plea will be accepted now.

As it announced during the election campaign, Sinn Féin Members of Parliament, as well as many Independents now elected, are likely to call for a referendum on the bailout under Article 27 of Ireland's Constitution, which allows for a referendum when Ireland is faced with a national crisis. The Constitutional referendum has been invoked twice before in Ireland's history.

America's Untold Story

How the trans-Atlantic republican movement waged a continuous fight for freedom, beginning with John Winthrop's Massachusetts Bay Colony in 1630.

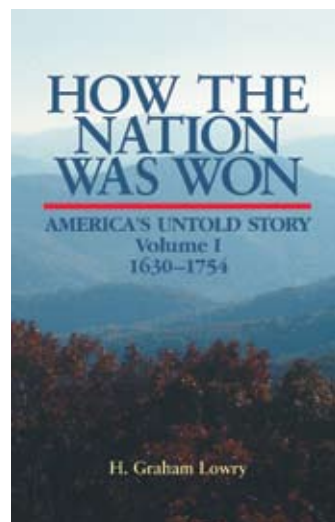
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LaRouche Basement Team's Martinson Addresses Ukraine's 'Student Republic'

Feb. 24—*The 3rd Annual Winter Student Republic, held in Ukraine's Carpathian mountain region, is taking place Feb. 23-27. The announced theme of this event, being attended by young people from throughout Ukraine, is "Teams for the Future." On invitation from the National Democratic Youth League, the organizers of the Student Republic movement, Peter Martinson of the LaRouche "Basement" project sent a videotaped briefing, with subtitles in Russian, to be shown to participants. The ten-minute video will also be posted on RuTube.*

At the 2010 Summer festival of the Student Republic movement, Lyndon LaRouche's videotaped greeting was voted "Best of the Best." Also during 2010, the Student Republic website published a critique by Michael Kirsch from the Basement Team, of the Ukrainian movement's "Ukraine-2050" report.

Here is a transcript of Martinson's greeting, which was recorded on Feb. 19.

In the Midst of a Global Collapse

Message from Peter Martinson, LaRouche Political Action Committee, to the Winter Student Republic meeting, Ukraine.

Hi, my name is Peter Martinson, I work with Lyndon LaRouche's movement here in the United States, and I am a member of his "Basement" Team. In a couple of minutes, I am going to tell you what the Basement Team is, and how we function; but first, I want to give you a quick sense of what is happening internationally, because it is quite relevant to the event that you are having in the Carpathians right now.

We are in the middle, right now, of the collapse of the global economic system. The economic system is finished—there is nothing that can save this economic system. The reason for the recent uprisings in northern Africa, spreading into the Middle East, and also spreading other places around the globe, like my own country, in Wisconsin and Ohio: These uprisings are a reflection of the collapse of the global financial, economic system. They are not just local uprisings against dictatorship, like the British lying media would lead you to believe.

These are uprisings that were sparked by the lack of food, by the breakdown of food production, over the recent period. But, the breakdown of the food production, and food distribution systems, is a result of the takedown of the physical basis for the economy, over the past 30 or 40 years.

Now, we can't save the system. What we can do, is put in its place a system that actually develops human beings, at larger and larger population densities on the Earth, to higher and higher living standards. We can put a new system into place, which would be called a "credit system." Many of the policies would be put into the United States, first, but then immediately put into place, through a collaboration of sovereign nation-states, around the globe. This is possible. We have a window of opportunity in the very near period, and it is absolutely necessary. Without it, we will have the collapse of civilization into something that is only comparable to the 14th-Century New Dark Age of Europe, which was local—it wiped out fully one-third to one-half the population of Europe in a very short period of time. This time, it's a global collapse.

So, we can stop the collapse of civilization, but we can't save the current financial system. Which is good! We should replace it with an economic system that treats human beings like human beings.

Now, LaRouche has made clear that, although the policies exist to stop the collapse of civilization, the policies themselves are not going to be sufficient. They are going to act as firewalls, but everybody in the world is going to have to do work on another aspect, which is a deeper aspect, which is why I am going to tell you about the Basement project right now.

The deeper aspect is, we are going to have to change how people think, because the current trends in popular opinion internationally, especially in the Western world, have gone completely down the tubes over the last half century, to the point that people believe in completely stupid ideas, which are wrong, and also violate natural law.

Now, the way the Basement began, was that, in



Peter Martinson, of the LaRouche Basement Team of young scientific researchers, delivers a videotaped address to the annual Winter Student Republic in Ukraine, as seen on RuTube.

So, the mission was to investigate, how these scientists thought, and how they made their discoveries, in order to understand how to get people to make new discoveries—how to make discoveries ourselves, but how to create policies which generate higher and higher densities of discoveries and creative thinking among the populations of the world.

In 2006-2007, the project accelerated with the creation of the modern Basement Team, which started with a very close investigation of the scientist Johannes Kepler. Now, people might have heard that Isaac Newton discovered gravitation,

2001, Lyndon LaRouche began to recruit a youth movement, in opposition to the development in the Presidential election. People might remember, that we elected the dumbest President in American history, George W. Bush, son of the second-dumbest President in American history, George H.W. Bush. It was a horrible event in our history, and we're not very proud of it. But, we began recruiting a youth movement around that time, and the core of the youth movement, besides the organizing on the streets, and explaining to people what the policies were that we needed, was an educational policy. It was an educational policy based on studying the great masters of science, such as Plato, Johannes Kepler, Carl Gauss, etc. But not just studying them to get a mastery of science, but studying them with the intent of understanding how the human mind works.

Now, what's clear, is that human beings are not animals. Each animal is bred with a certain set of instincts, and what you could call traditions, within that animal species. There are variations in this, especially when you get into domesticated animals. But, in general, in the animal world, each species represents a distinct type of behavior. Human beings, on the other hand, have the ability to change their behavior in a fundamental way, which is reminiscent of the transformation of species over geological history. Human beings have the effect of changing species. Now, how do we do this? Well, we do it through what is called scientific discovery, and creative thinking.

but, in reality, Isaac Newton never discovered anything. Really, Johannes Kepler discovered universal gravitation, and it is not in the form that you would expect. He discovered that planets don't pull on each other, but the planets of the Solar System, are organized according to a system of universal harmonics which is not observable by the senses. You use the senses—you use the sense of sight, and you also use the sense of sound—to investigate the motions of the planets. But the motions of the planets are organized according to a principle that then organizes those sense perceptions, those data readings, so to speak, those instrument readings.

Kepler demonstrated how you take more than one sense-perceptual instrument reading, and then look for the paradoxes, and then generate a new hypothesis of what principle must be controlling those sense perceptions. And, he found that those principles are not anything that can be observed by the senses, but they exist. We have a Solar System to demonstrate that.

The process of the Basement developed through studies of Gauss, Riemann, and Russian-Ukrainian biogeochemist Vernadsky. Now we are at a point, where we are taking the modern scientific investigations of scientists all around the world, and putting these together in ways that these scientists never thought of, because of the method of thinking. A lot of scientists are doing good work, but they don't have a concept of a universe that is organized according to the Human mind.

Because, it is very interesting: What Human discov-

ery makes clear, and what the advances in Human economy based on those discoveries make clear, is that Human society acts according to advances in improved methods of organization of the Universe. What this also represents, is that the Universe, itself, has the capability, inherently, of improving how it is organized. Which means that the Universe is not universally entropic. It's not running down; we're not going to run into a heat death; the whole universe isn't going to turn into a bunch of black holes, or anything like that. The Universe is developing to higher and higher, and better, states. Human beings have the willful ability to enact those higher states of existence. That's what we call physical economy.

So, now, part of the organization of the Basement Team, is to organize people to recognize what are the next steps we need to take for humanity. Ultimately, what we need to do, is to colonize the Moon and Mars. We need to go into the Cosmos, as human beings, and develop. To get there, we have to enact certain policies on the ground, here, such as the North American Water and Power Alliance (NAWAPA), which is a vast bio-

sphere-engineering project, to bring water from the Arctic of North America down, into Canada, through the lower 48 states, into Mexico. There are similar projects in Africa, in Russia, in Europe, in China, and so forth, to do giant water-moving projects.

We have to do these projects as a global operation, to shape the biosphere now, not only so we can produce the economic industries and might to build the spaceships, and things like that, to go into space, but so that we can recruit a youth generation who can think, who are trained in how to solve problems, and to discover new principles that they didn't know existed. The NAWAPA project, and similar biosphere projects, and the launch into space, represents how you are going to transform the thinking of the next generation of youth, so that we are creative, and that each individual recognizes that the human ability, is to transform the universe into higher and higher states of existence.

So, I hope that you enjoy the next few days at the Winter Student Republic, and would suggest that you check out some more of my movement's work, notably that by Lyndon LaRouche. So, thank you very much!



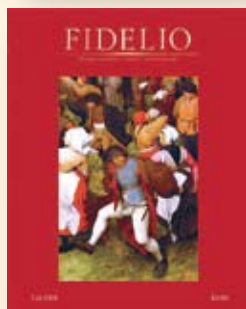
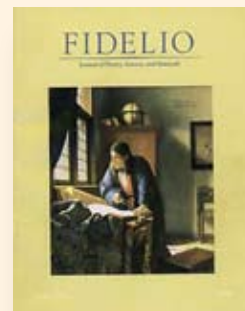
FIDELIO

Journal of Poetry, Science, and Statecraft

From the first issue, dated Winter 1992, featuring Lyndon LaRouche on "The Science of Music: The Solution to Plato's Paradox of 'The One and the Many,'" to the final issue of Spring/Summer 2006, a "Symposium on Edgar Allan Poe and the Spirit of the American Revolution," *Fidelio* magazine gave voice to the Schiller Institute's intention to create a new Golden Renaissance.

The title of the magazine, is taken from Beethoven's great opera, which celebrates the struggle for political freedom over tyranny. *Fidelio* was founded at the time that LaRouche and several of his close associates were unjustly imprisoned, as was the opera's Florestan, whose character was based on the American Revolutionary hero, the French General, Marquis de Lafayette.

Each issue of *Fidelio*, throughout its 14-year lifespan, remained faithful to its initial commitment, and offered original writings by LaRouche and his associates, on matters of, what the poet Percy Bysshe Shelley identified as, "profound and impassioned conceptions respecting man and nature."



Back issues are now available for purchase through the Schiller Institute website:

<http://www.schillerinstitute.org>, and www.larouchepub.com. Please consult the websites for prices and availability.

‘World Food Crisis’ a Direct Product of the British Empire

by Marcia Merry Baker

March 1—Alongside the hyper-speculation in food and related commodities that must be stopped urgently, there is a related feature of the food crisis to be eliminated: the now-extreme globalization of the food chain. This has come about under the control of a select few commodities and logistics cartels, operating above and against national governments and the interests of their populations. Nations have been forced into dependence on food from hundreds and thousands of miles away; now it isn't there to be had. Genocide *is an intent* of this system, not a side-effect.

Governments and financiers today, prominently including Federal Reserve chairman Ben Bernanke, are notorious for saying that the current spike in food prices, and the growing shortfalls are simply a result of “increased demand,” i.e., “market forces.” They are maliciously lying.

What “markets”? The way it works is that these cartel companies’ activities and practices are what is meant, when “the markets” are cited. The companies are, in fact, the hard-product wing of the financial interests, best called the neo-British Empire.

How It works

- They dominate the export and import of basic foodstuffs—wheat, soy, corn, rice, sugar, dairy, tropical products, etc.
- They intervene to determine where crops are



India has seen repeated protests against Monsanto and Cargill, over their insistence on imposing their seeds and onerous conditions-of-use for their BT (biotech) seeds, including patent and trait rights, etc. Shown, Indian farmers protest against Monsanto in 2003.

grown, which they call “export sourcing,” and “value chain” development.

- They engage in, and often set, speculation on the commodity exchanges.
- They dominate world crop and livestock research and genetics with wrongful patent/intellectual property rights, to seeds, breeds, and even biotech procedures.
- They dominate fertilizer and other agro-chemicals—development, pricing, and availability.
- They dominate food processing.

- They position their operations to control retail—final distribution of food—and dictate prices and standards to suppliers.

- And, of course, they thwart any and all attempts at national food self-sufficiency.

If this sounds like a replay of the British East India Company, dictating conditions and trade in rice, indigo, cotton, tea, opium, and other goods of their time, it should. Beyond gargantuan profiteering, the result of today's cartel practices is genocide. On every continent, potential food productivity, through national water, power, and agro-industrial improvements has been deliberately subverted, to the point now of mass hunger and starvation.

The Deadly Details

The following summarizes some of the aspects of the degree of control and ruination of today's world food situation by these commodity cartels.

Grains. Of the total 2,182 million metric tons of grains produced worldwide, some 272 mmt are traded, about 80% of which is dominated by a very few firms, principally Cargill Inc., ADM, Bunge, and Louis Dreyfus.

Several of these same firms dominate grain processing, and are also heavily involved in biofuels. For example, ADM and Cargill are in the forefront of corn for oil, HFCS (corn sweetener), and corn ethanol.

In the U.S.—the world's single largest corn grower—nearly 40% of production is now going to ethanol, instead of the food chain, *This is the policy of Cargill, ADM, and London.*

Earnings and profits are up over 20% in recent months for all these firms, while shortages and hunger worsen.

Seeds. Through wrongful seed and biotech patenting, a small group of agro-chemical companies exerts extreme control over crop genetics, including Monsanto/Cargill, DuPont, BayerCropScience, and Syngenta.

Meats. A very few mega-firms now dominate large shares of meat slaughtering, both for export, and for domestic sale, the world over. For example, only four mega-firms account for most meat packing in the U.S.: JBS, Tyson, Smithfield, and Cargill.

Dairy. Leading names in the world dairy cartel: Nestlé (headquartered in Switzerland), Dean Foods (U.S.A.), Danone (France), Fonterra (New Zealand/British Commonwealth), Unilever (U.K./Netherlands), Kraft (U.S.A.), and Lactalis (France).

Specialty Crops. The production and shipment of a

whole range of fruits, vegetables, nuts, and other specialty crops of all kinds, are increasingly organized by cartel-associated commodity networks into what they call supply “value chains” for looting. This is epitomized, for example, by temperate crop vegetables and fruits (onions, peppers, etc.), going from Africa to Europe; the same from Central and South America to the United States, and so on. In 1990, Egypt exported 60,000 tons of onions; by 2005, it was up to 270,000 tons.

For other more specialized crops—nuts, spices—the degree of control is also dramatic. Olam International, started in 1989, and now based in Singapore and London (14% owned by Temasek, the Singapore quasi-government holding company), is the world's largest “supply chain manager” for sesame seeds, cashews, and cocoa beans. It operates in 60 countries, for 20 products, with 13,000 employees. Olam recently bought the largest peanut processor in the world, Universal Blanchers LLC in the U.S.A., in its drive to dominate global peanut supplies.

Events in just one case—Haiti—show the impact of public/private “value chains” imposed as a supposed benefit to poor farmers. Last October, a mangoes-for-export project began in Haiti, as a joint venture with Coca-Cola, funded by USAID. The same week, cholera broke out. This is *the intent* of globalization.

The Way Out

The combined impact of all this, is to be seen today in the fact that world production of staple cereals of choice—rice, wheat, and corn—is at *half the volume* required for decent levels of direct and indirect consumption (through the livestock feed chain); fruits, vegetables, and oil crops likewise. At the same time, large areas of farmland are suffering the depletion of their soils and water-resource base.

None of this is “natural.” It is the result of allowing the continuation of the de facto British East India Co. farm policy.

The way out is to cancel it, and launch long-deferred improvements on a vast scale. For immediate relief: Cap food prices. At the same time, establish collaboration among nations for a new credit system, as defined by FDR's 1933 Glass-Steagall law, to replace the dead monetarist regime now killing nations and peoples.

The funding can then flow to continental-scale projects for massive agro-industrial development, such as that embodied in the North American Water and Power Alliance (NAWAPA).

The Specter of Egypt Haunts Mexico Food Crisis

by Dennis Small

March 2—"Freak frosts" which swept the Southwest of the United States and northern Mexico in early February, wiped out agricultural production on about 600,000 hectares in Mexico, including about 4 million tons of corn, which is close to 20% of national production. The majority of this occurred in the state of Sinaloa, which produces 27% of the country's corn, with neighboring Sonora also suffering major devastation. What this means is that, in order to maintain Mexico's meager level of consumption of corn, the most vital staple in the Mexican diet, Mexico will have to increase imports by 3 million tons—from 8 million in 2010, to 11 million in 2011.

But that extra corn simply doesn't exist, even in Mexico's main source of corn imports, the United States.

Ironically, the area most affected by the frosts is precisely the region of Mexico that would most benefit with the development of the NAWAPA (North American Water and Power Alliance) biospheric engineering project, and its complement, the Mexican PLHINO (Northwest Hydraulic Plan), which are at the center of the LaRouche movement's programmatic organizing on both sides of the border.

At heated policy discussions in Ciudad Obregon, Sonora, on Feb. 12 and 18, which included a half dozen federal Senators and Congressmen in gatherings of 100 or so representatives of farming organizations and political activists, LaRouche associate and leader of the Pro-PLHINO of the 21st Century Committee, Alberto Vizcarra, sharply focused what was at stake:

The entire world is in the throes of a mass strike process against the international financial policies which have devastated the economy, creating food shortages along with soaring prices of essential products. Like Egypt, Tunisia, and other countries ear-

lier this year, Mexico is now facing that reality.

Over the last 30 years, ever since José López Portillo left the Presidency of Mexico in 1982, all protection of the country's food production capabilities has been systematically dismantled. Great infrastructure projects such as the PLHINO were abandoned; scientific research and technology were scuttled; credit for the countryside evaporated; parity prices and subsidies for technological inputs were slashed; and the entire concept of food security was sacrificed on the altar of British globalization and free trade. Worst of all, Vizcarra stated, was that the physical economic concept of *water-to-produce-food* was replaced with the monetarist dogma of *water-to-make-money*.

Under the official National Water Commission (Conagua)—which is, today, run by allies of Prince Philip's nazi World Wildlife Fund—this criminal *idea* has dictated national policy. The PLHINO has been sabotaged with the sick argument that a cubic meter of water is more profitable if used in the swimming pool of a luxury hotel, than as irrigation for a hectare of corn or wheat.

"This was the same policy implemented in Egypt," Vizcarra warned the angry gathering, where a country which in the past was a major grain producer and even exporter—like Mexico—was driven to food scarcity and chaos. "Mexico is following the same path," he stated, "by allowing the subversion of the basic concepts which are the foundation of any nation's successful existence. The idiotic policy we have followed, that it's cheaper to import food than to produce it in the country, is now forcing those who hold that view to eat *money*, since we've run out of food. We should keep a close eye on what they defecate," Vizcarra concluded amidst laughter.

The specter of Egypt was also front and center, in an



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Alberto Vizcarra, leader of Pro-PLHINO Committee, shown here, addressing a rally in Sonora, March 5, 2010, told a gathering of farm organizations, political activists, and elected officials in February, that Mexico faces the same food crisis as that which triggered the recent upheavals in Egypt, Tunisia, and elsewhere.

unusually sharply-worded demand for an about-face in national food policy, presented by Congressman Francisco Rojas, the powerful head of the PRI party's congressional grouping, in a Feb. 22 opinion piece published in the daily *El Universal*. Headlined "Food Emergency," the article denounced speculation on world markets as a major cause of food price inflation, and warned that Mexicans face the "imminent threat of shortages and hunger."

Rojas also warned that Mexico should learn the lessons of Egypt, "where unemployment, along with high prices and shortages of food, contributed to the recent social revolt." He added that Mexico had made a terrible mistake of abandoning its historic policy of food security. "Mexico imports more than 40% of the food it consumes, because the country's food security was left to the mercy of the world market, which offered better prices. Rojas concluded correctly that "food dependence is suicidal."

López Portillo's SAM

Food self-sufficiency, or "food sovereignty," was one of the hallmark policies of President José López

Portillo, although Rojas does not mention him by name. In 1980, López Portillo—who collaborated throughout his Presidency with American physical economist Lyndon LaRouche—launched the Mexican Food System, or SAM, whose basic tenets were elaborated in a March 1, 1980 document.

"It was determined that self-sufficiency can be achieved in corn and beans by 1982, and, by opening up new land to cultivation, firm steps can be taken to achieve it by 1985 for the other basic products where there are deficits," the document stated. This was to have been done by promoting technological change, parity prices, and other dirigist policies: "We must subsidize, through inputs, research and extension programs, technological change at the level of the farm, which will rapidly increase the productivity of the land.... These are areas where a subsidy of inputs (above all, fertilizer) will encourage technological change."

As *EIR* reported in a June 20, 2008 article on the SAM: "Had Mexico stuck with López Portillo's policies over the last 25 years, it would be a different country.... Corn production would today exceed 34 million

tons, rather than the 19.5 million tons produced in 2006. Not only would the country be self-sufficient in corn, but per capita consumption would be 30% higher than it is today. As for beans, production would be 3 million tons, nearly three times what it is today, as would per capita consumption.”

Instead, the British imperial bankers imposed their dictatorship on Mexico after López Portillo left office in 1982, and destroyed national production of corn, wheat, beans, rice, and other staples. For example, per capita production of corn has fallen by 15% since 1982, and bean production has plummeted by 51%—leaving the country defenseless in the face of “natural disasters” such as the recent frosts.

Today, 47% of all Mexicans (some 50 million out of 110 million people) live under the poverty line, with 18% enduring extreme poverty, which is sometimes referred to as “food poverty”—i.e., people who regularly go hungry. The head of the National Peasant Federation (CNC), Gerardo Sánchez Garcí, on Feb. 8, reported that the price of the essential market basket has risen by 70% over the last decade, while wages have plummeted by 26% during the same period.

In 2011, the worldwide hyperinflationary collapse has accelerated, leading in Mexico to a January jump in food inflation at an annualized rate of 4.5%, including a whopping increase of 218% in the price of limes, a key staple in the Mexican diet. The accelerating crisis represents a dangerous threat to Mexico’s social stability, Sánchez warned, asking why President Felipe Calderón hasn’t taken steps to prevent “food riots.”

Although Mexico has not yet witnessed Cairo-style protest demonstrations, the pot is simmering and could boil over at any point.

On Jan. 31, a large protest march against Calderón’s economic policies occurred in Mexico City. The march to the capital’s central plaza—the Zócalo—which included tens of thousands of peasants and farmers, as well as urban workers, denounced high food prices and scarcity of basic staples. Agustín Rodríguez, secretary general of the National Autonomous University’s (UNAM) employees’ union, who has given joint webcasts with Lyndon LaRouche, spoke, and demanded that the federal government guarantee people’s right to food, and sufficient food production, to meet the population’s consumption needs.

Food Price Hikes

Huge Protests Flood Many Indian Cities

by Ramtanu Maitra

Feb. 26 (EIRNS)—Tens of thousands of trade union members demonstrated against rising food prices in New Delhi Feb. 23, under the leadership of G. Sanjeeva Reddy, a Congress Party member of Parliament, and president of the Congress Party-affiliated trade union INTUC. Other trade union organizations, including the CITU and the AITUC, also joined the rally. One estimate is that more than 100,000 participated in the protest march to the Indian Parliament. In addition to denouncing speculation in food, and deregulation of oil prices, many marchers carried placards in solidarity with the Egypt revolution.

Reddy said that he joined the protest march because the ruling United Progressive Alliance (UPA) coalition government was not acting on the demands of the trade unions in the interest of the workers. “Leaders of the Congress Party are, first, servants of people. Due to price rises and unemployment, people are being forced to die, and so, we have joined the protest,” he said.

In addition to the protest in Delhi, thousands of trade union members in a number of other Indian cities carried out similar actions, while the Delhi march was joined by unionists from 19 Indian states. “We have come here so that our voices reverberate inside the house (Parliament), and they can see what pain the common man is going through,” said Akhil Samantray, who had come from Orissa to take part in the march.

A Message to Manmohan Singh

The demonstrations and protests were organized to send a message to Prime Minister Manmohan Singh, and the ruling UPA government, saying that if the common man’s interests are not protected in the annual budget, to be placed before the Parliament on Feb. 28, all trade unions will join hands with the vast majority of India’s poor, to escalate the level of protest and bring the government to its knees. Union members, who

handed their memorandum to the Parliament speaker, Meira Kumar, refused to give it to the Prime Minister, whom they rejected as “indifferent towards the working class.”

The protest was as much against the food price rise as it was against the World Bank-trained Singh, who, during his seven years as Prime Minister, has done nothing to improve conditions in rural India, where the vast majority of the country’s 1.2 billion people live.

It is clear that India is not immune from the global breakdown which is bringing people into the streets throughout the world. The reasons behind the events now unfolding in the Maghreb nations and in the Arabian Peninsula include a global financial collapse and a flood of trillions of dollars of bail-out money, which have sparked inflation all around; a steep rise in food prices affecting millions of families who can no longer feed their children; the absence of any nation, or group of nations, willing to address the immediate necessity to arrest the food price rise, and put in place a global financial system which allows investment to alleviate poverty; and a total disregard of the reality facing the poor and underprivileged, by those who only care about making money. All these conditions exist in India.

Will Egypt Come to India?

Can such uprisings like the ones in the Maghreb and the Arabian Peninsula happen in India? A senior Indian analyst stated: “We in India cannot afford to be overconfident that it can’t affect us. It can. If it does, due to our insensitivity and self-complacency, it will not have a pan-Indian impact. It will be an impact felt in some pockets where there is already people’s anger, as in the Northeast, or Jammu & Kashmir, or in the tribal areas of central India. We have to be alert. Being alert does not mean more security forces. It means actions to monitor the grievances and anger of the people and timely steps to address them.”

The ingredients to trigger an uprising exist in India.



It is estimated that more than 100,000 Indians marched to the parliament in Delhi Feb. 23, in protest against soaring food prices. In this Jan. 11 photo, women from Andhra Pradesh hold a picture of Prime Minister Singh (left), whom they hold responsible for out-of-control food price hikes.

PTI

It could be triggered by one factor, with other factors coming into play to make it more powerful. India’s hundreds of millions of poor, who spend 80-90% of their income to buy food, and who continue to face a steep rise in food prices month after month, may not stay at home under such conditions.

India is not a food-short nation, but over the decades, its vast agricultural sector and small and medium size industries—the two sectors that together form the source of most of the jobs—were virtually neglected. The World Bank-trained Prime Minister, and his chief economic advisor, deputy chairman of the Planning Commission, Montek Singh Ahluwalia, another economist reared in the World Bank’s stable, have ignored these sectors in order to generate a “high rate of growth” to entice foreign investors and their foreign exchanges. As a result, the agricultural sector, under the Singh duo’s watch, has stagnated, showing a 2.0-2.5% growth rate, while GDP was growing at a rate close to 8%.

The non-investment in these sectors mean not providing absolutely necessary infrastructure in rural India, where at least 400 million live without electricity. Since the ruling UPA took over as the ruling party, with the Congress Party its main partner, under the leadership of Manmohan Singh, no serious effort has been made to manage India’s water supply, or to increase its power

generation capacity. India's extensive network of railroads remains clogged, and no effort has been made to modernize this vital sector, which provides the means of travel to the majority of Indians. Because of these conscious acts of omission, India's agricultural productivity has not risen during the last 15 years or so, and is presently about 50% of the productivity attained in China.

Such failures in these vital sectors, where a majority of Indians are employed, have kept the poor and underprivileged economically at least as vulnerable as they were two decades ago. Added to their misery, is the callousness of the UPA government, which has allowed food prices to rise steeply month after month. Last month alone, food prices rose by almost 12%. Despite false promises issued from time to time by the Prime Minister, prices of some basic food items, such as vegetables, cereals and pulses, which are the only food items that the poor can afford to consume, have risen by more than 100-150%. During this same period, their earnings in real terms have not increased by even half of that amount.

Prime Minister Singh may feign ignorance, but he could not have been unaware of the difficulties that the poor face in feeding their families, in light of rising prices. Last March, various political parties and other groups, in Assam, Manipur, and other northeastern states, and also in the northern state of Himachal Pradesh, staged massive demonstrations against price rises. In Assam, 20,000 women, belonging to the Assam Mahila Parishad, the women's wing of regional party Assam Gana Parishad (AGP), vented their anger against the Congress-led central government.

Protests also rocked Manipur, with trade unions such as the All India Trade Union Congress, an affiliate of Communist Party of India; the All Manipur Trade Union Council, and the All Manipur Nupi Marup, staged mass demonstrations in Imphal, the capital of Manipur. The trade unions sought immediate measures from New Delhi to control food prices, as well as to end the sell-off of profit-making state-run companies, and to provide social security to laborers in both the organized and unorganized sector.

But all that fell on deaf ears. On Jan. 11, 2011, Singh convened a "special meeting" to discuss ways to rein in runaway food prices. The high-level meeting ostensibly discussed different possibilities, including doing away with import duties on food commodities such as sugar, and banning their export. It was widely characterized by analysts as a mere show. Prior to the "special

meeting," reports indicated that food prices rose by 18.32%, for the week that ended Dec. 25.

Not only was it evident from the outset, that the Singh government has not been interested in reining in prices, but the January figures show food prices rose by almost 12% again. Facing the attack launched by the opposition, the ruling Congress Party said the high-level meeting convened by the Prime Minister shows the UPA government's "sensitivity" towards the issue.

Time To Forget Business as Usual

However, it should be clear to Manmohan Singh and the UPA government that "business as usual" may not work much longer. Besieged by a series of huge money swindles, committed by politicians and the UPA-favored businessmen alike, the Prime Minister called in a number of electronic media editors to his home on Feb. 16 to convey to the country that he is "above all this" and he is not a "lame duck Prime Minister." He told the media: "I am not such a big culprit as is being projected. I wish to assure the country as a whole our government is dead serious to bring to book all the wrongdoers..." His statements drew derisive comments all over India.

It is also evident that the Singh government is now operating under a limited time frame. The Feb. 23 demonstrations were organized by trade union workers who have become victims of the steep food price rises, but they did not include the other victims—the vast majority of India's poor from the agriculture sector. If the tide is not turned quickly, they would surely join demonstrations in large numbers, and that could happen very soon.

On Feb. 24, following a two-day South Asia Conference of the Federation of Farmers' Associations, at Doddaballapur in the state of Karnataka, at a news conference, spokesperson Chukki Nanjundaswamy announced that, to protest the anti-farmer policies of the UPA, she would bring thousands of farmers from across the country to stage a demonstration in New Delhi on March 9.

She said the two-day conference condemned the exploitation of farmers worldwide in the name of economic development and special economic zones (SEZ). If the agricultural community in India was facing a multitude of problems arising out of the globalization and liberalization policies, the tillers of the land in such countries as Nepal, Bangladesh, and the African nations, have also become the victims, she said.

IMF, Brits Conspire To Starve Indonesia

by Michael Billington

Feb. 21—Indonesia, the fourth-largest nation on Earth, with 238 million people, is in the midst of a totally unnecessary food crisis. While singled out as one of the 13 countries targeted for population reduction in the infamous National Security Study Memorandum 200 of 1974, which argued that population growth in these nations would use up the valuable resources needed by the Atlantic powers (see *EIR*, Feb. 18, 2001, p. 23), Indonesia is suffering from the same global genocidal policies now exploding the globe: British free trade.

Following the 1998 speculative assault on the Indonesian currency, which collapsed whatever real growth the nation had achieved under the 1966-98 Suharto dictatorship, the IMF, which bailed out the usurious and largely illegitimate foreign debt, imposed horrific conditionalities, including the elimination of tariffs on rice, soy, and other staples, as well as the elimination of the state monopoly over food import and distribution.

Within a few years, fully half of the 5 million soy producers were driven out of business by cheap imports, mostly from the subsidized U.S. export market. The staple food, called *tempeh*, for the majority of the country's 75 million poor, is made from soy and chili peppers. In the past few months, the cost of soy has risen by 40%, while chili peppers rose by an incredible 400%, creating an immediate threat of malnutrition and food riots among the poor—in fact, the less-severe food inflation of 2008 saw food riots in many parts of the country.

The government is meeting the crisis by selling rice at subsidized prices. However, to get the extra rice, it has again lowered the rice tariffs to zero, which, in turn, threatens the livelihood of the rice farmers—about 20 million households—by driving down the price paid to the farmers. The two major opposition parties (GOLKAR and PDI-P) are fighting to cancel the government's plan to import 2.5 million tons of zero-tariff rice. Of course, rice prices are themselves certain to rise

in the near term, as hot money from the bailout of the Western banks flows into food speculation.

The severity of the impact of food inflation is exemplified by the fact that, on average, Indonesians spend 43% of their income on food—among the highest in the world. By contrast, Americans spend only 7%, although the poor in the U.S. spend about 20%.

There is more. Prince Charles has travelled numerous times to Indonesia, in an effort to stop any new deforestation, under the guise of stopping “global warming,” but, in fact, to prevent agricultural development and promote his depopulation plans. In May 2010, the Prince, with help from George Soros (the architect of the destruction of Indonesia's economy in the 1998 speculation), signed a deal with Jakarta to hand over a paltry \$1 billion in aid, in exchange for an Indonesian pledge to stop any new transformation of forest land to agricultural purposes—and even to turn some agricultural land back into forests!

Indonesia is the world's leading producer of palm oil, a crucial nutrient in the Southeast Asian diet. Yet huge quantities of this major food source are being sold as a “biofuel” in Europe. And now the expansion of palm oil production is jeopardized by this British colonial policy of locking up forest land against agricultural use.

Indonesia has never recovered from the destruction of the 1997-98 speculative attack. While the British financial elite prattle about Indonesia joining the BRIC (Brazil-Russia-India-China group) as a leading driver of “global recovery,” the reality is otherwise, as admitted by the World Bank's lead economist for Asia, Shubham Chauduri, at a Washington forum on Feb. 23. Chauduri acknowledged that the “growth” of the past years was primarily in the service sector, while infrastructure and manufacturing remained dormant, despite repeated appeals from the government for foreign direct investment in these areas. The Western powers demand conditions on their investments which impose all the risk on Indonesia, which has generally refused to give in. Some desperately needed infrastructure investment is coming in from China and India, but not adequate to the needs.

Chauduri heaped praise on Indonesia for retiring much of its foreign debt. Indeed, it is the extraction of debt service and raw materials which constitutes progress for the imperial interests, even while the threat of famine promotes their intended depopulation.

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Will Americans Heed LaRouche To Win This Mass Strike?

by Nancy Spannaus

March 1—"We have, around the world, a mass movement, which is largely a spontaneous mass movement, which became conspicuous at first in Tunis, then in Egypt. It's all over the place now: It's now in Wisconsin; it's now in other states around there. You're going to see it in Pennsylvania; you're going to see it revolting against the new governor in New Jersey; you're going to see an upsurge in New York State. This thing is out of control. The question is: Are we going to have the leadership that is needed to steer this in a *sane direction*, and hopefully not some insane, French Revolution type of mess, type of problem?"

So spoke Lyndon LaRouche, at the conclusion of an interview with Columbus, Ohio talk show host Khari Enaharo, on Feb. 28. LaRouche was speaking in the wake of a weekend of citizen actions that brought hundreds of thousands of working people into the streets, from every state of the Union, including over 100,000 in the Wisconsin capital itself. While apparently concentrated on the "issue" of the union-busting being attempted by Wisconsin's Gov. Muammar Walker, the growing political protests are, like the actions around the globe, targeting the broad array of Wall Street assaults on the population—ranging from Medicaid cuts, to cutbacks in fire and police service, to assaults on public education. And the momentum is growing.



LPAC-TV

LPAC Michigan Congressional candidate Bill Roberts organizes firefighters, who are protesting in the state capital Lansing, against attempts there to eliminate collective bargaining for public employees.

Into this ferment, there is only one political force which is offering a solution to the *cause* of these crises, the breakdown of the British Empire's financial house of cards, called the "shadow economy" by the Angelides Report. The slate of six LaRouche Democrats running for Congress has put out a clarion call around the theme, "The Global Mass Strike Demands Glass-Steagall," and the candidates themselves are deployed in state capitals, and in the streets, to rally the citizenry to their demands for action now, prior to the next phase of collapse.

The reimposition of Franklin Roosevelt's Glass-Steagall, "will destroy the entire system of the London-centered empire," a joint LaRouche candidates' state-

ment argues, and thus free the states and the Federal government to reassert the priority of their citizens' welfare—including emergency aid to the states, and credit for economy-saving, job-creating projects, like the North American Water and Power Alliance. It must be done now.

The Real Enemy

As in Tunisia and Egypt, the mass strike in the United States has taken the form of a reaction against increasingly unbearable conditions of life, which the incoming crop of Republican governors and Congressmen are determined to make a lot worse. But only the foolish would see the confrontation as a partisan issue. The entire political class, at the top of both the Democratic and Republican parties, and emphatically including President Obama, is functioning as tools of Wall Street, the British Empire's outpost in the United States.

Instinctively, the citizens now taking to the streets understand this reality. Recall, for example, the mass rallies against Obama's Hitler-like health-care policy, and the Democrats who supported it, back in 2009. That upheaval led to the creation of the Tea Party movement, which has remained largely amorphous, except for efforts by the likes of Dick Armey and other scoundrels to take it over. Predictably, the Tea Party went to the polls in November, and punished the Democrats, big time. But, as soon as the Republican "winners," like Scott Walker in Wisconsin and Ohio's John Boehner, began to push their murderous budget cuts, many of the very same people went into the streets to protest again.

The reason, which LaRouche explained immediately after the election, should be clear: Our fellow citizens let themselves be led into voting *against* one evil, but did not bother to educate themselves on the program of those they were voting *for*. If they had looked carefully, they would have realized that the majority of the right-wing Republicans they were voting into office, were as bad, or worse, than the Democrats, in supporting Wall Street, at the expense of the people.

The Republicans they were voting for, were just the next targets to be thrown out!

For the budget-cutting policy which such blowhards as Walker and New Jersey's fatso Gov. Chris Christie are pushing through, are nothing other than sops to the



EIRNS

Wall Street's poster boy Obama has to go, if the United States is to survive. Shown: the famous "Obamastache," displayed here in Massachusetts, April 2010.

Wall Street bankers, who have been demanding precisely the policies of pension cuts, wage cuts, and mass murder of the indigent, chronically ill, and elderly, which the British financial empire considers necessary for its survival.

But, as an increasing number of nominally Democratic protestors are being forced to acknowledge, Obama and those "Democrats" who ally with him, are no less committed to ramming through the cuts which Wall Street demands. As Jay Carney, Obama's press spokesman, likes to put it, "All workers have to tighten their belts." Nor has it been lost on the labor movement, that Obama and his crew have taken the lead in attacking teachers' unions nationally, all in the name of "competition" games like "Race to the Top."

It should have been no surprise when the fascist Christie, on CBS's "Face the Nation" Feb. 27, lavished praise on Obama's education program, because Obama is attacking the unions.

Glass-Steagall

As LaRouche has repeatedly stressed, there is no way that this rising mass strike process can win a victory, without taking on the global issue of the British Empire's genocidal economic policies. The first step to addressing those policies is the cancellation of trillions of dollars in gambling debts which have virtually taken over the world's banking system—and the means for

doing that, is the Glass-Steagall banking reform.

On this issue, the traditionally Democratic institutions, which are currently mobilizing against budget cuts and union-busting, have to face the bitter reality that many of them have been ducking for two years: the fascist character of President Barack Obama. Obama's commitment to Hitlerian policies became clear in the Spring of 2009, with his health-care policy. And he has gone on from there, to maintain the bailouts for Wall Street, every step of the way. Obama is a British stooge—who would be qualified to be a traitor, if he weren't so mentally ill.

Yet, as long as Obama remains in the White House, even as a figurehead, he has the capability of blocking the implementation of Glass-Steagall. In the Spring of 2010, this is precisely what Obama did—despite the fact that there was a clear majority in both Houses of Congress to pass the measure. The British government directly intervened to inform the Administration that it saw Glass-Steagall as a hostile act against it, and the Administration clicked its heels and acted to kill the bill.

Outrageously, up to the present day, the Democrats in Congress who supported the reinstatement of Glass-Steagall are still too intimidated by the power of the White House, to relaunch the drive for ramming through this legislation. And this, despite the fact that leading financial experts, and Democrats like Phil Angelides, of the FCIC report, have made it totally clear that the financial system is on the verge of an even worse blowout than the one which devastated the U.S., and the world, in 2008.

In full cognizance of this cowardice in Washington, the LaRouche candidates, and LaRouchePAC supporters, are directing their energies to mobilizing political leaders in the states, unions, and localities, as well as those local citizens who are taking to the streets in revolt. It's in the nature of the American republic, from our earliest days, to take responsibility for raising up mankind as a whole, and that is the reality that confronts the American wing of the global mass strike today. American action to reimpose Glass-Steagall is an indispensable step toward victory for the millions of people globally, who have come out into the streets to demand a future.

The only sane policy for an American patriot today, is to follow the lead of LaRouche and the Slate of Six, to force Congress to pass Glass-Steagall now. All the material you need can be found at www.larouchepac.com.

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The Nazi Precedent

The Attack on Collective Bargaining

by Harley Schlanger

Feb. 24—Picket signs are popping up in Madison, Wisc. and elsewhere, in demonstrations supporting the fight in Madison, denouncing Gov. Scott Walker's attempt to eliminate collective bargaining, as a replay of Hitler's destruction of the German union movement in 1933. It is also an indication of the degree to which the LaRouche movement's exposé of the Nazi precedents of Obama's policies, are resonating within a broader section of an angry population. The American people are reacting to the gutlessness of the politicians, and the lying of the media, by responding to the leadership of Lyndon LaRouche, and his slate of six Congressional candidates.

LaRouche has insisted, repeatedly, over the objections of many Democrats, and even members of his own organization, that the Hitler mustache on Obama is a truthful representation, and that nothing short of Obama's removal from office is necessary, if our nation is to survive. This image has now become the rallying point for a growing section of those Americans who refuse to submit to the Nazi policies being pushed by Obama and his allies among the corporate fascist networks running the Republican Party, such as Dick Armey and the notorious Koch brothers.

The Hitler dictatorship, which was consolidated in the opening months of 1933, was supported by the same City of London/Wall Street financier and corporate forces which stand behind the Obama-Republican Party alliance today. And the underlying issue—a British monetarist policy of murderous austerity and assault on government, versus the American system of physical economy, based on a credit system—is also the same, as in the decisive days in early 1933, when Hitler was imposed as Chancellor of Germany, at the same time that Franklin Roosevelt was inaugurated as President of the United States.

Prior to the Hitler coup, Germany had been victimized by austerity regimes, first, that of Chancellor Hein-



Bundesarchiv

Many are denouncing Wisconsin Gov. Scott Walker's attempt to eliminate collective bargaining, as a replay of Hitler's destruction of the German union movement in 1933. Shown: Hitler, participating in May Day celebrations in Berlin, 1933. The next day, the unions were dissolved, their leaders arrested, and the Nazi Labor Front was created.

rich Brüning, then of Franz von Papen. A decisive shift occurred following elections to the Reichstag (parliament) on Nov. 6, 1932, in which support for the Nazi party collapsed, followed on Dec. 2, by the appointment of Gen. Kurt von Schleicher, as Chancellor.

The Lautenbach Plan

Von Schleicher gave an address to the nation on Dec. 15, in which he issued a call to action. His speech echoed the initiatives of Dr. Wilhelm Lautenbach, which had been presented 16 months earlier to the Friedrich List Society, and by trade union economist Wladimir Woytinsky, both of whom had put forward a program of mobilizing state credit, to invest in job-creating, and wealth-creating, public works projects.¹ In his speech, von Schleicher attacked the policies of Brüning and von Papen, calling instead, for a program which consists of just one point: Create work!

On the issue of the federal budget, von Schleicher was explicit: There must be no further cutting the wages of state employees. This meant a certain progress in comparison with the past two crisis years [the years of Brüning and von Papen's austerity]. The Reich government would help the states and municipalities in troubled financial condition, through organizational and financial measures.

This intention of von Schleicher convinced the

London-based networks which had been backing Hitler to move immediately, to oust von Schleicher, and launch the coup, which made Hitler Chancellor on Jan. 30, 1933. Less than one month after Hitler assumed power, he used the pretext of a fire (set by his henchmen) in the Reichstag to issue a series of emergency decrees, which tightened the grasp of his Nazi Party over the state. It was at this point, that he moved to crush the potential of the trade union movement to serve as a focal point of resistance.

The day after the Nazis participated, with labor leaders, in the traditional May Day marches and celebrations, Hitler moved, dissolving the unions, arresting union leaders, and announcing the creation of the

Deutsche Arbeitsfront (DAF, German Labor Front). He appointed one of his most loyal and degenerate supporters, Robert Ley, as the head of the DAF, and announced that the actions were necessary due to the corruption of the unions, as the unions did not act for the common good. Using language that could flow easily from the lips of Governor Walker, Ley said that the purpose of the action was to create a true social and productive community. His first action was to announce a freeze on wages.

Lest one offer the delusional statement that it can't happen here, keep in mind the words of Indiana's (now former) Deputy Attorney General, Jeffrey Cox, who tweeted that police should use "live ammunition" against the Wisconsin protestors, adding, "You're damn right I advocate deadly force."

The lessons of history make clear that these London-centered enemies of humanity are fully intent on crushing the resistance to their fascist policies, and reducing the world's population, even beyond the perverse dreams of Hitler. They must be stopped, by rallying the people behind LaRouche's proposals for the immediate imposition of Franklin Roosevelt's Glass-Steagall standard, to end the hyperinflationary bailouts, and a wipe-out of the phony assets of Wall Street. This, combined with the job-creating, wealth-producing development of new, productive platforms of economic and social development, beginning with NAWAPA and the Trans-aqua projects, will bring about the economic recovery the world is crying out for.

1. See Helga Zepp-LaRouche, "The Lautenbach Plan and Its Consequences," *EIR*, Jan. 10, 2003 (<http://tinyurl.com/4zbyltg>).

Who Is Pulling Walker's Strings?

Behind Wisconsin Gov. Scott Walker's effort to smash public employee unions, is a well-defined network of Wall Street-funded, right-wing foundations and think-tanks, which have schemed for years to unravel any remnant of Franklin Roosevelt's New Deal. Governor Walker didn't think up this union-busting crusade on his own; when he took office, Walker was handed a script, which he has followed faithfully to the present day.

That script came directly out of the network of foundations and think-tanks established to promote the Hapsburg Empire's "Austrian School" of economics—which was created in the 19th Century, in explicit opposition to the "American System" of political-economy, championed by Alexander Hamilton, Friedrich List, Henry Carey, and 19th-Century Republican Presidents from Abraham Lincoln to William McKinley.

Walker's script was written in detail by the American Legislative Exchange Council (ALEC), which coordinated meetings between Walker and various Southern GOP governors, in the post-2010 election transition period. It was in these meetings that Walker and state Senate Majority Leader Scott Fitzgerald mapped out their plans to make Wisconsin a "right-to-work" state—with public employees the first target, but private-sector unions next.

ALEC is funded by the "big three" right-wing foundations—Scaife, Olin, and Bradley—plus it enjoys major funding from the Koch family. It has targeted public-sector unions—indeed, *all* unions—for decades, and is a major advocate of privatizing, or "outsourcing," public services.

Walker put himself right in the middle

of this network. The Koch brothers, David and Charles, were among the largest contributors to Walker's gubernatorial campaign. A blogger pretending to be David Koch had no problem getting through to Walker on the phone; Walker then proceeded to spend 20 minutes on the phone with "Koch" bragging about how he was about to "drop the bomb" on the public unions in a few days, and comparing his actions to President Reagan's breaking of the air-traffic controllers strike in 1981.

Years ago, the Koch brothers provided the funds to launch the "libertarian" CATO Institute, and also Citizens for a Sound Economy, which morphed into FreedomWorks and Americans for Prosperity, which together, are the major controllers and brainwashers of the "grassroots" Tea Party movement. It was this network that bussed in counter-protestors to Madison, to demonstrate in support of Walker's union-busting efforts.

To fill out the picture, it should be noted that Michael W. Grebe, the president and CEO of the Bradley Foundation, was chair of Walker's transition. In the Wisconsin case, the string-pullers are never far away from their puppet.

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The right-wing billionaire Koch brothers, Charles and David, moneybags behind Walker, have made it their mission to wipe out labor unions; below: an AFL-CIO rally against Walker's union-busting drive, at the National Governors' Association meeting, in Washington Feb. 27.



EIRNS/Stuart Lewis

DIALOGUE WITH LAROCHE

The Science Behind Glass-Steagall

On Thursday, Feb. 10, as extraordinary events were unfolding in Egypt, the American economist and statesman Lyndon LaRouche addressed a private gathering of approximately 75 individuals, gathered in New York City.

The gathering included international representatives from Russia, China, India, Egypt, and Ireland. They were joined by a large group of leading American economists from California, New York, New Jersey, Massachusetts, and Connecticut, most of whom comprise what has been referred to as the greater Stanford Group.

Joining Mr. LaRouche was Sky Shields, the leader of his organization's science group (referred to here as the "Basement Team"). The event was moderated by Mr. LaRouche's national spokeswoman Debra Freeman.]

We begin with Mr. LaRouche's opening remarks following Freeman's introduction.

LaRouche: Okay. I should say, first of all, I have an associate of mine with me here in the studio, Sky Shields, who is the leader of the science group for our organization, because I thought perhaps that some of the international people, as well as others, would like to hear his response, when questions which might be directed to him, come up. So, he's here in the studio, and he's watching me—I suppose I need watching, or at least some people think so. So, that's it.

Now, I think the topic we ought to consider is this: We are now, actually, with the rate of hyperinflation inside the United States, and also in Europe, in particular, and in Brazil, also, we have generally, in the trans-Atlantic region, we are dominated by a rising rate of hyperinflation. There is no sign of any recovery of the U.S. economy in sight for the years ahead, as of now. And my view is, as long as this current President remains President of the United States, there is no chance for the United States to recover, and also for Europe, because if the United States goes down, then, knowing the situ-



EIRNS/Stuart Lewis

Lyndon LaRouche and Basement leader Sky Shields address a private gathering, by videoconference, of economists and diplomats on Feb. 10.

ation in the British system and other systems, *Europe will not survive a collapse of the U.S. economy.* We are now actually in a hyperinflation.

There are remedies. But they are remedies which must be *chosen*. And that's the situation.

I know the President is telling lies, our President here; well, he's good at that, but not much else. But we are in, actually, we're on the scale of a hyperinflation, which is comparable in general mathematical terms, to what happened to Germany in 1923. The difference is, Germany, in 1923, was under attack by the Allied forces, led by Britain, and therefore, the hyperinflation, then, was essentially confined to the boundaries of the German nation. Therefore, the process of unfolding of the hyperinflation was more predictable, once it started.

Now, we're dealing with a hyperinflation of the world economy. That is to say, that outside of the Asian sector, in which there still *is* some progress under way, that in the trans-Atlantic sector, we're dealing with a general breakdown crisis. That is, we're dealing with a kind of hyperinflation, which is concentrating money, as counted, in pure speculation. At the same time, the amount of physical production, per capita and per square kilometer of territory, is rapidly declining, at an accelerating rate. We are already in a significant part

of an accelerating hyperinflationary process, in the trans-Atlantic region. We're vulnerable to a sudden breakdown, of any significant instability of certain types.

In other words, you can not, as I have always insisted, you can not predict results in an economy. You can forecast the effects of a choice of alternative policies. But you can not predict something mathematically. You can examine what the conditions are, and determine what the likelihoods are, but the ultimate result depends upon the choice.

In the case of Germany in 1923, there was no room for choice! We now have a situation globally, where there *is* room for choice. But one of the choices has to come from the United States, which, at this stage, really, means this President should be thrown out of office for mental incapacity, and the 25th Amendment of the Federal Constitution provides for that, under Section 4 of the 25th Amendment of the U.S. Federal Constitution. And this man who is President, is fully qualified to be ejected from office, on the grounds of mental incapacity to serve.

As long as he remains in the position of President, and as long as the Republican Party behaves as it's behaving itself, and the Democrats continue to be as cowardly as they are, we are looking at the prospect of a general breakdown of the planet, starting in the trans-Atlantic region, which may be triggered first in Europe or in the United States; but the collapse in either Europe or the United States, will mean a complete trans-Atlantic collapse of the whole system. That means that you will have, even Asian nations, such as China and India, which are somewhat more stable and actually having some growth, in that event those nations could not withstand the effect of a collapse of the trans-Atlantic system.

As I've indicated, I have Sky Shields here—I remind you of that—because we may have some interesting

questions. The nature of the questions is largely, as many people know, what I've been pushing for over the past, most of the recent months, into the year, have been pushing for the installation of a general reform called NAWAPA, the North American Water and Power Alliance. This would result in a recovery of the United States, provided we went back to a Glass-Steagall operation first.

In other words, if the United States declared the Glass-Steagall principle as operative, we would then stop the hyperinflation inside the United States. The hyperinflation is what's called the "bailout," which has actually been in progress for a longer period, but it's been explicitly the case, since the Autumn of 2008. If the bailout were reversed, and it could be reversed by simply the adoption of the Glass-Steagall Act, which was initially introduced by President Franklin Roosevelt in 1933: If that Act were installed, you would immediately cancel—*cancel*—several trillion dollars, or more, of absolutely worthless waste, which is on the books presently. I would estimate about \$7 trillion would be eliminated from the debt of the United States, by the enactment of Glass-Steagall.

Now, as you should know, the British Empire has threatened the United States, that it will not tolerate the United States reenacting Glass-Steagall. That threat was delivered, prior to the Nov. 2 [2010] election inside the United States. And as of now, under this current President, the Glass-Steagall is blocked, and some idiots in the Congress are also committed in the same direction.

But, at the same time, we have a worsening situation, an alarming situation, which means that sheer panic may cause people to go to Glass-Steagall as a way of saving the nation, and saving the world. Because, if the United States goes down now—and it could go down in *weeks or months*, which, I don't know; nobody can know, because that depends upon what the decisions are, but we are in a trend-line—if this trend-line continues, the United States is going down, if Europe doesn't go down first. And if Europe or the United States goes down, you're going to have a chain-reaction effect in the trans-Atlantic region which will sink the entire planet into a dark age.

This is where we stand.

So, the situation is extremely serious. And the only remedies for this lie in reenacting Glass-Steagall, and



LPAC

Without the restoration of Glass-Steagall, LaRouche emphasized, the nation will die. So, for the bankers, it's Glass-Steagall or jail, as this LPAC cartoon conveys.

the present commission [FCIC], investigating the history of this collapse, leads to that conclusion—that is, the evidence is clear on that.

So, if we do that, we can make it. If we don't do it, then either the collapse will occur in the United States first, or Europe first, and then the whole planet goes. And it could happen weeks from now, it could happen months from now; these things can not simply be predicted statistically. But if the mistake is made, or if these remedies are not applied, then it is going down. And if the United States continues on its present policy, under this present President, I can guarantee you, that before the year is out, the world will have gone into a breakdown crisis. So, that's the point.

Now, to indicate what the remedies are, go back to the Glass-Steagall question, and also to the NAWAPA program. The states of the United States—and our system in the United States is different than any European system; the Constitution is different. Europe in no case—you've had periods where Germany for example, would go in this direction, other states would go in the direction of the United States model. But if the United States goes under—it's the only system

which could actually spark a general recovery in any part of the world. First of all, under our laws, under Glass-Steagall, we would cancel 7 or more trillion dollars of debt officially on the books of the United States, now.

The cancellation of that debt would enable the United States, under its policy, to utter new credit, by going to a credit system, not a monetary system—new credit which would enable us to, first of all, save the states of the United States. Every state of the United States is now either hopelessly bankrupt, or on the verge of going into bankruptcy. The whole nation is bankrupt! The rate of increase of unemployment is accelerating. The conditions of life in the states, elementary conditions, are being ruined. And in the meantime, the President, and the idiots who support him, are pushing, again, more and more hyperinflation!

So, it's a short fuse.

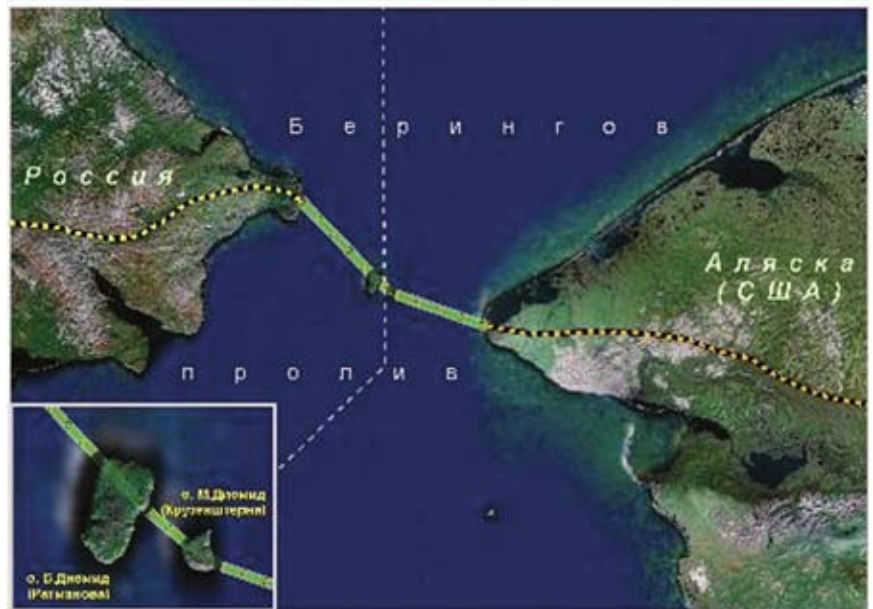
But, with Glass-Steagall installed, we could immediately resuscitate the stability of the several states of the United States. Federal credit, as credit, could be uttered, under our laws, under our Constitution, *immediately*, to pull these states out of destruction!

NAWAPA Would Change the Planet

But we would then need a major project, to reverse the post-industrial trend in the U.S. economy. That would be done. NAWAPA would do it. Now, Canada in the past, is not too supportive of the idea of NAWAPA. But now, they face a situation, where they don't have any choice. It's either they adopt NAWAPA, if the United States offers it, or they die! They have no alternative. And it is beneficial to them, so there's no cheating of them in NAWAPA.

This project would change the planet. This project would mean a change in, instead of using existing resources on the planet, we would organizing a system which would, by increasing the power and water flowing through the U.S. system, would generate a revolu-

The tunnel across the Bering Strait



Council for the Study of the Productive Forces

The linking of Siberia and Alaska through the Bering Strait Bridge/Tunnel is just one of the many revolutionary development projects which can and must begin, immediately after the Glass-Steagall restoration.

tion, not only in the United States, but elsewhere.

For example, the development of NAWAPA would mean the Bering Strait Tunnel, between Alaska and Siberia. The development of that tunnel would mean opening up parts of Siberia, in Russia, which have valuable mineral resources within them. And under a credit system, Russia would be able to have the credit, to open up those facilities. These facilities are necessary for China, in particular, and also for India and other Asian countries, because you have large populations like China and India, who are short of essential raw materials.

There is, in the northern part of Eurasia, there are essential raw materials there! The Russia science, or the Vernadsky tradition, is capable, with financing to do it—is capable of opening up the opportunities for development of raw materials, mineral forms, which are essential for the future of China, India, and other countries of Asia; which would be a stimulation immediately, for South Korea, for Japan, and for other countries in Asia.

Now, this would mean a new system.

Then, you go to the other side of the thing: The same concept means—let's take Africa, or let's take Egypt, right now: Egypt has been suppressed in its potential, since the collapse of the program for Egypt in 1982, which the United States and Britain collapsed! At that point, Egypt had a bold, imaginative, and capable program, for development of its economy. Since 1982, at the time that, under pressure from Henry Kissinger and others, Egypt backed off from this policy, the quality of Egypt's life has deteriorated.

Now, we take Egypt together, and give it a chance to get back on its feet, with these kinds of programs. And then, you look at Eritrea, you look at Ethiopia, you look at Sudan, and the adjoining territory of Chad, which is a very interesting territory, a very poor country with a very interesting potential, as the so-called Transaqua policy project indicates. We can then, on the basis of this kind of thing, with the development of railway systems, new kinds of railway systems, we can open up the development of Africa.

We can actually connect every part of this planet, by rail line, or something superior to rail, landlines, with means like an evacuated tube, up to 1,000 miles an hour—that's what the potential is. It's a little bit over the horizon, but it's a known potential right now. This means we can connect Eurasia, and Africa, and the Americas, in a continuous land-based system of transport for development. The Darién Gap between South and North America is a connecting point.

So these are the options before us. They require a recognition, that we have to get out of what is called a monetary system.

Now, the United States' Constitution, which is unique in its concept, unlike the imperialist relics which still run Europe—the monetary systems, the monetarist systems which dominate Europe, and Asia, and Africa, today—the U.S. credit system is based, not on trying to assess a value on money, of a monetary asset, but is assessed on the basis of the *physical improvement*, per capita and per square kilometer of territory, of a nation. So the nation utters credit, based on its scientific confidence, that a certain kind of project, undertaken by the United States, will actually more than pay for itself, if it's given a certain estimated time to do that job.

We can extend this principle, through the cooperation with nations which are now hanging on the verge of bankruptcy. We can extend that, through cooperation among sovereign nation-states, to create a fixed-ex-

change-rate system, a fixed-exchange-rate *credit-system*, by which we can wipe out the worthless debts, the pure monetarist debts of the world; organize the world on a fixed-exchange-rate *credit-system*, which is actually what Roosevelt's intention was for the post-war period, before Truman came along, and in that way, we have a chance to go ahead, not only to recover what we have lost in recent years—we have the chance to take mankind to heights that mankind has never dreamed of before!

These are practical considerations now. *This* can be done. We're on the verge of doing it. Give us 20 years—we'll change the planet. We can bring justice to every continent on this planet, even the ones that are not connected, like Australia and New Zealand. We can do it! And that should be our mission.

But to do that, means we've got to change some of the rules of behavior. We've got to put the world out of the present monetary system, because the monetary system of Europe is just as bankrupt, as that of the United States! Europe will never recover, without cancelling the present monetarist system. Europe can only recover under a credit system.

Take the case of Germany in the post-war period, when [Hermann] Abs was leading in the reconstruction of Germany. Germany was operating on a *credit* system—the so-called “German miracle” of the immediate decade and a half of the post-war period was on a credit system, modeled upon the U.S. credit system.

So if we can go back to Franklin Roosevelt, and reach agreement on establishing an international credit system, as a fixed-exchange-rate credit system, on a global basis, *among sovereign nation-states*, we have the means to revive science. It's going to take time, because we killed a lot of the science over the past 30, 40 years. But if we go back to a dedication to revive a science-driver approach to humanity, we can solve these problems before us. And in the meantime, once we start down that road, we're on the road to security, and the threat of a crash of the world system, comes to an end.

And part of the work we're doing, which is why I brought Sky in today, to have him available—Debra knows what the score is on that!—because he's involved, first-hand, on teams of scientific workers who are engaged in much of this kind of work to which I've referred today.

So, back to you, Debbie.

Dialogue with LaRouche

Freeman: Lyn, I know from the earlier discussion that we had here, we have many questions that will undoubtedly require Sky's input, and I was going to introduce him right after you got done speaking, but you did that so I don't have to worry about it.

What came up while you were speaking is a question that is asked by one of our Russian friends, who would like you to comment on it more for the record; and also from one of our friends from Ireland, here, who is trying to catch up a little bit. What essentially is at issue is the following: Our Russian friend says, "Look, we are well aware of the fact, that in Tunisia, in Egypt, and in other places as well, the current instability that we see is not confined to what's going on inside those countries; and although some people like to dwell on human rights abuses, really, there are more fundamental issues at stake: We really are dealing with a product of a global crisis, and with that, we could not agree with you more.

"However, what you have said, on more than one occasion, is that what occurred in Tunisia, and then, subsequently, what we're seeing now in Egypt, is a product of this global hyperinflation. Now, we've spent some time actually studying the Angelides Report, and we understand very clearly how this hyperinflationary spiral operates within the United States, and certainly we can see how it operates within our own country. What we need some clarification on, is how, in fact, this has affected Tunisia, Egypt, etc., where it would seem, at least to someone with a more limited understanding, that the problems that they face, the economic problems they face are more internal. We don't see it that way, but we would like your comments on this, for the record."

LaRouche: Well, first of all, in these countries, we're dealing with imperialism. And if Russians may remember Rosa Luxemburg, who defined imperialism accurately, where others did not: She was one of the few people in the world, who understood what imperialism is. That it is not a colonial system, although there may be colonial features in imperialism. Imperialism is the existence of an international monetary system, which is dominated by one power, essentially, or a group of powers, the same as one; and that this monetary system is not a colonial system, but the monetary system itself, which dominates the relationship, in trade and so forth, *among nations*, is imperialism. This is the form of imperialism, which was begun, as an imperial system, by

ancient Rome. It started from the Isle of Capri, where this monetary system existed.

Now, the Roman Empire as such, by name, collapsed. And the Roman thieves who ruled Rome fled to the swamps of the northern Adriatic, and hid there, with their treasures, for some time. Meanwhile, power went from Rome, to Byzantium, and Byzantium became the new Rome, the second Rome. And when Byzantium began to disintegrate economically, about 1000 A.D., and the Venetians moved in, you had the old Venetian system, as a monetary system—not as an empire, in the sense of physical empire, but controlling the monetary systems of Europe!

Then, this collapsed in the 14th Century; then it was started again, after the Renaissance, in an attempt to destroy the Renaissance, and you went through the so-called Catholic form of Renaissance, their anti-Renaissance movement, which collapsed in the middle of the century.

Then you had the rise of [Paolo] Sarpi, the so-called Liberal system, which was the New Venetian Party, as the new empire. And it became an empire, because the imperial system of Venice, of Sarpi, went to the Netherlands first, and the Netherlands was the new Venice, the base of Sarpi's system. Then you had William of Orange, who crossed the sea, kicked out the Stuarts, and set up the kernel of a British empire. And the British Empire was not the British Empire, it was the new Venetian empire. Because what Britain represented under these guys, particularly after the Seven Years War, was a Venetian system, the New Venetian system, the so-called "Protestant" version of the Venetian system. And the world, Europe, has been dominated by that Venetian system!

Now, the exception was, Nicholas of Cusa, who was a genius leader of the Renaissance, of the 15th-Century Renaissance. He said, at a certain point, seeing what was happening in Europe, under the Venetian influence, "We must cross the oceans, to meet the people on the other shores of the oceans. And we must build, in those areas, a society which is capable of curing Europe of its disease, of imperialism, of a monetarist system."

There was an effort to do that, initially, following Columbus, in South and Central America, in the Hispanic-speaking area, but that failed, because the Venetians, under the Habsburgs, had control of this area, and suppressed the brave attempts by Spanish-speaking settlers in the New World.

So then, what happened, in the beginning of the 17th

Century, is, you had a launching in Massachusetts, what's called Massachusetts, and there, we started a system which represented European culture, largely English, Dutch culture, French culture, as in Quebec. And this culture of European culture, was transplanted, *in freedom from* the grip of the Venetian system or the British system, while the Europeans with their culture, were still simmering under control of this New Venetian system, as a successor to the older forms of Roman Empire, the United States was a bastion to defeat, to oppose—.

In other words, we in the United States, up until the recent time, when more Asian people and so forth [began] coming in; we in the United States, or what became the United States, actually were the same kind of culture, the same general kind of culture, as the nations of Europe from which many of our people came. But the difference was, while we had the same basic culture, language-culture, art, and so forth, *we had freedom from imperialism*, freedom from monetarism.

The difference about the United States, in its tradition and so forth, is, we are intrinsically, an *anti-monetarist nation*, as a republic. We have a lot of the other kind in us. Wall Street, for example, is the other type; it's really part of Britain. So therefore, as long as we had the strength, to defend our Constitution against the monetarist systems resident in Europe, specifically the British monetarist system, because the British gold standard and other mechanisms of the British controlled Europe. And therefore, while we are the same culture, except for immigrants from Asia, and so forth, we are of the same culture as the European culture, we are in a sense, legally, Constitutionally *free* of monetarism. Though there are efforts by Wall Street and other places to introduce monetarism.

What has happened to us, since 1971, when the monetarist system was reintroduced to the United States



The republican tradition of the United States, epitomized by that son of Massachusetts, Benjamin Franklin, represents the available alternative to the imperialist system, whose implosion is causing the current worldwide revolt. Here, Franklin, painted in 1778, by Joseph Duplessis.

under Nixon, we have now come again, under a monetarism system. That's why we're bankrupt.

That's why our Constitution is so important: Because it gives us the embedded, Constitutional authority, to take those initiatives, in the United States, which would liberate the world of monetarist systems! Now, I think the people of China, the government of China, right now would be happy, with that kind of arrangement with the United States. I think other countries would also be happy with that arrangement. And therefore, it is our mission—remember, we come chiefly from Europe. We are essentially, in our cultural background, a European culture, the same culture as other Europeans, in general. But we have a *freedom* from monetarism,

built into our founding of our nation and its Constitution.

Therefore, if we are freed, to offer what Roosevelt offered before he died, a fixed-exchange-rate system, and he meant a fixed-exchange-rate *credit* system, not a monetarist system. But it was the 1971 reintroduction of the *monetarist* system, as an *international monetarist system*, which has led to this. And the worst of it came in, of course, with Alan Greenspan, and his reforms, which have largely destroyed us, morally, as well as financially, and economically, inside the United States.

But, if we free ourselves, if we conspire, with Europeans, and China, and India, and other countries, if we conspire to free Africa from this, we can do it! Because Europe knows what it's suffering. Asia knows what it has suffered. And our job is to convey the fact that by going away from a *monetarist* system, which is implicitly imperialist, which very few Europeans seem to understand; Rosa Luxemburg was one of the few economists who had the brains to understand what the difference between a credit system and a monetarist system is.

And therefore, going back to the idea of the *credit system*, from the United States, that initiative, under conditions of the present world crisis, *if we in the United States have the guts, to kick this sick-minded President out of office, as our Constitution provides us the means to do so*, and simply go back to Glass-Steagall, the reenactment of Glass-Steagall, now, would give us the means, to get our Federal states out of bankruptcy, get them back into life, and start the process of rebuilding our nation, on the basis of a credit system.

And in order for our nation to succeed, we must cooperate with other sovereign nations, who share the same intention, and do what Franklin Roosevelt intended to do, for the post-war period, [which] is to create a credit system, a fixed-exchange-rate credit system among nations.

The British Empire Caused the Crisis

Now, in the case of North Africa, the biggest problem here, is food. Why do we have these problems? Because the North African rim, from Algeria across to Egypt, and down into Chad, and down into other parts of Africa, has created a condition of starvation! Look at the production of food in Egypt in 1982, and look at the production of food in Egypt today! Look at the standard of living in Tunisia. Look at the standard of living in other states: *The imperial system of the current British Empire has created the shortages, which caused the eruptions in these countries!*

There are two reasons for it; one's generational. First they were starved, because *they were denied the ability to maintain their own food supply!* And you look at the history of the food supply of Egypt from 1982 on, when they were *suppressed*, and not allowed to develop their country; look at the same thing in Tunisia. Look at the same thing in other countries in North Africa; look at Chad, look at Africa in general! Look what's been done to the Africans, by the British: All of Africa, essentially, is a British colony! A colony of British-style slavery, and mass murder of people!

That's why they were that way. There is no such thing as these internal problems. Look at the case of Tunisia, like the explosion of Tunisia: You had an area which had been more prosperous, or really semi-pros-



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The food crisis in Egypt, as in other countries, is the deliberate result of British imperial policy, imposed in that country since 1982. Here, an Egyptian girl eating her meager meal, back in 2007.

perous anyway, which was peaceful. Then, the result of the British policies, imposed on Tunisia, through the European system, was now suddenly—an area which had been a livable area, growing its own food supply—all the people who had the ability to get jobs elsewhere, left! And left only the poor behind, with poor resources!

Then you look at the situation in Egypt: The same thing. Look through the entire area. Look at the conditions of life—going into that part of Asia: You're seeing misery! You're seeing a revolt against *misery!* Imposed by *evil!* And the evil is the British Empire.

There's no special case for these countries. Yes, they have special cases, special cultures, religions, and so forth, shadings of religion, and so forth, but that's not the problem. The problem is, the entire planet is now being hit, by a vast *food shortage*, organized by the monetarist system, which controls trade in foodstuffs! You see, as in Egypt, the production of food, since 1982—a catastrophe in food supply! Same thing in Tunisia; same thing elsewhere.

There are no indigenous forces behind this crisis. There are effects on indigenous situations, which cause this crisis. The effect is located in one place: The British Empire. And it's the British Empire, to be defined, not as some idiots in textbooks define it, but a

British Empire based on the *British monetarist system*, and the British monetarist system dominates the world, because, since 1971, when the fixed-exchange-rate system was pulled down, by traitors to the United States from within, the result was, since that time, a general decline of the world. A decline in food, a decline in production, the skills of production have been lost. People who were, and areas of the United States, which used to be productive, are no longer productive. People are out there, getting a living by begging, practically, or conditions tantamount to begging.

And the question is, do we have the courage, and will, to recognize this problem, and get rid of it! What I see, despite our despairing conditions now, we have the means—one chance remains to us; if we take it soon enough, we can solve this problem. It's going to take the will, it's going to take the will, led by leading nations, nations which are respected, because they're powerful nations; and Russia, China, and India, are typical of the powerful nations, or potentially powerful nations, which have the ability, together with the United States, to *force* this kind of reform!

Put this whole system through a bankruptcy reorganization system: Go from a monetarist system to a credit system; establish a fixed-exchange-rate credit system; adopt the perspective of large projects, which are going to *change* the character of this planet; increase the productive forces of labor, and we're out of the problem. Maybe not immediately, but it's the difference between going down and going up.

You may be going up from a very poor condition, which is what the planet condition is now, but it's better than going down! And what we're headed for right now, we're on the edge of a chain-reaction of disintegration. Very simple: Count the amount of so-called financial assets out there, what are claimed as financial assets. Now look at the portion of those so-called financial assets, which corresponds to *actual production* of food and essentials: What you have now, is you have a monetary explosion, a hyperinflationary explosion, with a collapsing physical economy, collapsing per capita and per square kilometer.

And what we have to do is, we have to say, "Get rid of this monetary system!" this monetarist system, *which is killing us*. It's killing all of us.

Do we have the guts to do it? Do we have the combined forces to be able to force this through? If we do, we can survive.

The Universe Is Creative!

Freeman: One of the things that came up this morning, during the discussion of a monetary system versus a credit system, which was an important issue that I believe was largely resolved, is the whole question of the measurement that's used to determine progress in an economy. Because, whether you're talking about Tunisia, or Egypt, or Russia, or the United States, everyone keeps looking at these ridiculous numbers that say, "We've experienced a 7% rate of growth, this rate of growth," etc., and in fact, that's all obviously an illusion. It's the growth of the bubble.

But what was established by our friends from Stanford, and they proved it very nicely for some of our guests, by using your Triple Curve Function, is that it's not simply that people are lying or parroting an illusion, but that, in fact, as that bubble expands, and expands now exponentially, that that, in fact, itself, has the effect of destroying the physical component of economies.

But the question that came up, and was asked by one of our friends from Russia, and although some of the Stanford Group representatives made a great attempt at answering it, they didn't quite answer it. I know they didn't answer it, because I happen to know more what the answer is. But it's now been put on the table, by the Russians, by the Stanford economists, and also by our friend from Ireland.

They're saying that there's no argument that a credit system is preferable over the current monetary system, but that, really, what we have to establish, as we find our way out of this current crisis, is really to define what economic value is. And not only how you determine economic value, but as several members of the Stanford Group are saying, that, while on the face of it, it appears to be a philosophical question, that it *is*, but that it is also scientifically knowable and measureable, and that you have done it repeatedly.

Lyn, they'd like you to comment on that. And certainly if Sky wants to say some things about it, in relation to the work in the Basement, I think that would also be useful.

LaRouche: I'll refer to what the Basement has done on this. We have one of our members, working with the others, who has done a recent study pertaining to the history of life on this planet. That doesn't have everything to do with every bit of life, but the argument of the presentation is clear in all essentials, has been presented. It was presented in about 45 minutes, and that presentation is conclusive, at least for scientists, any



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The North American Water and Power Alliance (NAWAPA), shown in a schematic depiction here, represents the next step in man's exercising his creative power in the universe, and thus, will redefine, upward, the concept of value in the economy.

scientist who's involved in this sort of thing.¹

In other words, we start from unicellular life which we know on this planet, and we see how the action of life itself has changed the planet. And then you get to the point, you first, finally, get to an oxygen environment, which is what we presented in this report by him; and then, the oxygen environment, as it increases, creates the ozone layer. And the progress from the oxygen environment, which gives you the water system, begins the revolution on Earth.

Creativity existed beforehand! Forget all this talk about the fixed boundary conditions of life. There are no boundary conditions to mankind. There is no such thing as that—the so-called zero-growth potential—not true! The universe is creative! Look at it! The universe grows and changes, it goes to higher forms of organization, even from what we know about it, so far. And the same thing is true of Earth.

Here's Earth: How did Earth get a magnetic field? It grew one! Was the magnetic field important? Yes! Well, then, who did some of it? Well, little unicelled organization, beings, did that. And they evolved, they changed. The system went to a higher state. There is no such

thing as a law of entropy! There's only entropy of some people's heads, especially certain professors.

So, we went from then, to a water environment, which is a product of this oxygen revolution. The oxygen revolution led to the ozone area, which gives a protective layer for higher forms of life to occur.

So you're saying the universe is intrinsically creative. Forget the so-called Second Law of Thermodynamics: a piece of crap! Only idiots would actually believe in it.

Therefore, and man comes into the picture, when? As a product of this development. What's the difference

with man? Man's the only animal which is creative. Some animals are creative by their nature, or by evolution, of this kind of evolution into higher forms. But man is the only agency, as Vernadsky defines, in terms of the Noösphere, which *willfully* creates a higher state of organization in the universe.

Now, what do we live on? Take iron, the best example of this. Now, how do we get iron? Well, it was collected by little unicellular animals and plants. They gobbled up iron, as part of their bodies, and probably in areas where more water was involved, or similar kinds of things. So the little animals died, little plants and animals died; what did they leave behind? A concentration of whatever they assimilated into their little bodies, including iron.

We come along, and we want to use some iron. We go to the area where there's been a concentration of these bodies of these little creatures who died there, and we find a good concentration of iron. We go to the area where the iron is most richly concentrated, hmm? And we start to use it up!

Then we have to go to iron which is less well-concentrated. Now, how do we do that? Well, mankind has got a very simple solution: It's the solution of Prometheus, always. We go to a greater degree of power. What mankind has done, even in man's [early] existence, is that mankind goes to a higher energy-flux den-

1. See the LPAC video, "The Science of Glass-Steagall," featuring Cody Jones and Michelle Fuchs (<http://www.larouchepac.com/node/17323>).

sity: We go from burning trash, to wood, to charcoal, and so forth, all the way up.

Now, we've reached the point, that for mankind to succeed on this planet, we must tear down all windmills, we must destroy all solar collectors, because they're fake! They are very inefficient, they're energy-inefficient; they cost more than they're worth. And we go to nuclear power, thermonuclear power, and we go on to higher orders of power. Because mankind is able to deal with the shortages which we apparently create, by using up what was left to us, by creatures that died, we, now, by going to higher orders of energy-flux density, we're able to increase our power.

We're now at a point, where we are going with the NAWAPA project. The NAWAPA project is also, always an intimation, of going to space travel, the characteristics of it. If you build NAWAPA, you're going to have effects on the Arctic and other parts of the world, which are very significant for Siberia. Mineral deposits in Siberia: How are you going to develop that? You're going to use higher forms of power, you're going to create systems, you're going to start changing the environment, as we're changing the environment with NAWAPA, by its installation. We're increasing the rainfall pattern; we're turning the desert areas into fertile areas. How? By increasing power, man's power. How do we do that? By scientific progress, and by the complementary cultural progress that goes with scientific progress.

Man becomes more and more valuable to us. Man is a more powerful creature, per capita, on the planet and in the universe. There's no limit to where mankind will go in the future.

Aristotle's Anti-Promethean Doctrine

Let's take the other side of the thing. Where's the other side of the thing, from Aristotle, and so forth? People are taught the doctrine, of the anti-Promethean doctrine, the doctrine that man is inherently limited, and that man must not progress. The doctrine was, some people are the gods, they're the rich people, they're the people who control society, and their problem is they've got to control this society. They need the work of the poor slaves, the human slaves and serfs. But they don't want the human slaves and serfs to get too smart! Because, if they get too smart, they won't put up with the



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The British Royal Virus, also known as Queen Elizabeth's consort Prince Philip, is a prime example of the oligarchical principle, especially in his calls for reducing the world's population, and promotion of that aim through the World Wildlife Fund.

oligarchs! And therefore, the oligarchs have the policy of the so-called Second Law of Thermodynamics: "Don't let these human creatures get smart, or they won't tolerate us."

We live under a culture, a European culture, for example, and other parts of the planet, which is what? It's the *oligarchical principle*! That a small oligarchy must manage the other human beings of the planet, as if they were animals, and prevent these animals from becoming too numerous. Because if they become too numerous, they're going to need to develop; and if they develop, then they're not going to be stupid any more. So you won't be able to control them. And that's why you have the World Wildlife Fund of this fascist, Prince Bernhard, who was a Nazi, who married a Dutch princess, and no improvement to anything.

And then you have the crown prince in England [Prince Philip], the World Wildlife Fund. What's the policy of the World Wildlife Fund? *Genocide*! What's the policy of the British Empire? *Genocide*! What's the policy of the President of the United States, today? *Genocide*! Just like Hitler, the same T-4 program, by this current President, pushed in, and he brought in a British racist, [Sir Donald] Berwick, to help implement it.

So the point we have to understand here, is, man-

kind is inherently creative. And I think, you know, as in Russian reference, you always say Vernadsky. Vernadsky is a follower of Riemann in his method; he is the man who really understood and discovered the principle of human life, the so-called Noösphere. We are members of the Noösphere. We have the potential of creativity; we have the potential of increasing our power, on behalf of mankind. We can solve the problems!

Not that each of us can solve the problem, but we, with our successive generations, by raising our children and grandchildren, in ways that they are progressing, as people of the Noösphere—there's no limit to what mankind's destiny may be in this universe. We're now in a very modest frame, but we can do better! I won't do better, I'm too old to do too much better, right? But we can have coming generations who will. And our lives mean what we mean to coming generations. The meaning of our lives, is what we're doing for *future* generations, to make future generations possible, the future generations which will do what we can't do. And that's the position we've got to take.

We have to realize that the universe is intrinsically anti-entropic, the characteristic of the universe is anti-entropy, and the destiny of man, lies in man's power, creative power, to reach higher stages of anti-entropy.

Therefore, NAWAPA itself, implies that we're going into space, not to find residences on Mars, but we will, at some distance, visit Mars. We will also create an environment, with water, with magnetism—if you make oceans on Mars, you'll get magnetism. Just plant some life in oceans on Mars, and you're going to start to get magnetism. The first thing you know, you're going to get an atmosphere. Maybe not right away, but it'll take a little time to do that—these things do take time. But that's the way to look at life. It's the way we see human creativity; it's the way we define humanity, which is crucial.

What Is 'Infrastructure'?

Freeman: Hmmm! One of our Russian participants gave a very interesting presentation this morning on the question of entropy versus non-entropy, or anti-entropy. And the point that he made, which was augmented by a presentation by one of our Stanford friends here, is the fact that, indeed, the Biosphere, if you will, is inherently anti-entropic. And the unique feature that man plays, is that man can willfully extend that process of anti-entropy.

Now, this then led to a discussion, around the question of investment and infrastructure. One of our leading American economists came back to something that had been addressed during our last get-together, which was this overall question of infrastructure, and an insistence that we have to redefine infrastructure. That, yes, take the example of the United States. You have many people who need jobs, but just giving them any kind of job, will not solve your problem. And it came back to discussion of NAWAPA.

Now this led to something that was brought up by one of our friends from Russia, who wanted me to submit it to you. He said that inside Russia right now, there's a raging debate, as to which direction Russia will take. And as we've discussed before, you have some people who believe the future of Russia lies in the information superhighway and other such things. And while Russia's developing this capability is fine, that what Mr. Putin has posed, as the real challenge for Russia—Lyn, they wanted your comments on this, in the context of this entropy versus anti-entropy question—is the whole question of Siberia.

Because, what Mr. Putin has said, is, if you look at it now, Siberia would appear to be a desolate area. Yet, it has the richest concentration of mineral resources, etc., etc. And that, just a question of developing Siberia is not simply a question of, "Do you give people jobs here, or jobs there?" but that, in fact, the development of Siberia would not only improve life in Russia, but that it would improve life on the entire planet. And that it's in that area that we have to look, when we talk about infrastructure, when we talk about investment, when we talk about jobs. And the Russians were referring to this, as essentially, their NAWAPA.

So, they ask if, in your view, they are looking at this in the right way? Is there something you'd like to add, to advance this view?

LaRouche: Yes, well, first of all, infrastructure is a very bad word, because the way it's commonly used is utter nonsense. And the idea of providing work as such, is also nonsense. Now, there's certain kinds of work we require be done. But if you look at it from the idea of "what're we going to do today?"—as if we were going out to plant potatoes or something. But if we look at it from the standpoint of the future—

Now, the European culture actually developed with the fall of the Persian Empire. But that didn't work out too well, because Aristotle got in there, and made a mess of it, among other things. And, what happened



Jim Linwood

The mission of mankind today is not to build “infrastructure” as separate projects, but as a transformation of man’s relationship to the universe, said LaRouche. Thus Siberia, shown here, will be transformed, from a desolate area with a few factories and rails, to higher forms of organization, which will raise the platform of existence for all peoples.

with Europe, Europe became a development: You know, the waters of the oceans were rising 400 feet, from the high point of the glacier, and as the Strait of Gibraltar became open, the Black Sea, which had been originally a glacial lake—the melting of glaciers had created the Black Sea, so-called—and then, one day, the waters were rising in the Mediterranean, and they broke through into this lake, and they put a salt layer on top of it, and it’s called the Black Sea. And below there, you will find, in the area which is deprived of oxygen, you will find wooden structures of people who had lived there, when it was a freshwater lake.

So, the planet is always evolving. Now, what came out of this process was a maritime culture. That is, the most efficient way of moving goods from one place to the other, from an economic standpoint, was maritime culture. And you had people who would come in, largely from the Atlantic Ocean, chiefly, into the Mediterranean. And they became a dominant culture, because people who could navigate across and find their destination on a star map, are far different from the guy who’s just paddling next door.

So the culture of these people who were oceanic, a maritime culture, became dominant. And among the maritime culture, there developed in the Mediterranean region, a system of tyranny, which became known as the oligarchical society, the oligarchical principle. Therefore, you had a difference between the so-called “gods,” as you find in the references in the ancient Greek writings, and the people, the slaves, the mortals.

So, the mortals were the poor—you know, they were the cattle. And they were kept in good order, not too numerous, not too influential, and you would slaughter them once in a while, just to make sure they didn’t become too many of them. So you had this “gods-vs.-mortals” system. And the people who dominated the maritime culture, built up a system, which we call today a monetarist system; they dominated the Mediterranean.

Now, the first really interesting breakthrough in this process came with Charlemagne. And if you want to start to understand, or define for other people, what a system is, against infrastructure, look at what Charlemagne did. Up until that time, except for some access to large rivers, by maritime culture, there was no significant development of the interior of the European continent. Now, what did Charlemagne do? Charlemagne did many things, but he began to connect these rivers of central Europe, from the Pyrenees on to the East, and developed this system as a system of navigation; which now meant, that the interior of Europe, could now develop at a rate, with relative advantage over maritime culture!

However, this process continued into modern times. And the change came, with the railway system, with the development of the transcontinental railway system, a process which really started inside the United States. The first thing, to develop the United States internally, we used a waterway system—rivers, canals, just as Charlemagne had done—rivers and canals. And the original development of what became the United States

was the development of rivers and canals.

Then we built railway systems, starting with the 1820s. The railway system in Pennsylvania was the first successful one of this type, to get coal from Reading, on the Reading Railroad, down to Philadelphia. Then we extended railway systems, along the banks of rivers, because the railway was the quicker, more efficient way of transportation.

So initially, we developed the river banks railway systems. Then, we branched out to go with larger systems.

Then, with the Civil War, under Lincoln's initiative, we developed a *transcontinental* railway system. The result of this, was the cause for World War I. When the model of the United States, of a transcontinental system, was adopted by Bismarck, and adopted in Russia, for the famous Trans-Siberian Railway system, the British said, "We now have a world war on our hands. We are going to destroy those nations, which have developed transcontinental railway systems and similar kinds of things, because *we will lose our power as a sea power over the world!*"

Now, these are the examples of what you mean, not by infrastructure, but by platforms. In other words, the change from a maritime culture, so we could develop the *inland* territory of the world, by a combination of river systems, connected by canals. And that system still exists in Europe today. From the Pyrenees east, you still see Charlemagne's system en route there. And the secret of the development of continental Europe was that!

Now, what are we doing? We, in the United States, now, we have developed the transcontinental railway system, and that became a driver for all the things we did; it changed the way we lived. And European science and American science were the leaders of the world in this field.

So, we then went to large-scale, what we call infrastructure: highway systems, industrial systems, new kinds of cities, the educational system—the public educational system! Going to beyond a secondary education, to a higher education, and the scientific revolution that occurred, in the last part of 18th Century. The continuation of the scientific revolution up to the time of Bismarck, in terms of Europe and the United States, and elsewhere: These are platforms. That is, they are something which transform a mere territory, into a *higher form of existence*, a qualitatively higher form of existence.

The NAWAPA Platform

Now, we've come to a period, with the NAWAPA project; and now, with nuclear power, and so forth, we've come to a still-higher level, even than nuclear power. The development of the NAWAPA system would be the *greatest system ever built on this planet to date!* Greater than the Three Gorges Dam. The Three Gorges Dam is a midget compared to the NAWAPA system.

So, this is a *platform*.

Now, what does this mean? We are going to change the rainfall pattern of the United States, with this project. We're going to increase the rainfall pattern! And other things of this type. We're also going to explore the Arctic, because this whole project involves the Arctic. The Arctic is an area which is of particular importance to us, as in Alaska in particular, and to Canada, for similar reasons, and also in Russia, in Siberian Russia, and so forth.

We now have to understand the Arctic, because the North Pole, or the magnetic North Pole, has been the center of organization of *life* on this planet, from way back! So therefore, we now have to understand how this planet is organized. And, you know, we're looking for a polar flip, you know, a magnetic flip of the polar system, as being probably in progress. We're asking about that, when we talk about the change in the weather patterns in the United States. We look like we're overdue for a shift in the magnetic poles.

And, in the Basement, as Sky can talk about this: We are actually trying to get more evidence to understand what this thing might be, and how we could deal with a flip in the magnetic pole! Which has occurred, we know, in past times; we have never experienced it in our literary history, and we have to be prepared for this flip of the magnetic pole.

And so, these are the kinds of things that lead us into raising the level at which mankind operates. Don't talk about "infrastructure" as this or that little thing. Talk about a "change in the quality of mankind's relationship to the universe," starting with man's relationship to Earth.

So we create a new definition of Earth! With forestation, all kinds of systems! Transportation systems! We redefine the meaning of *individual action!*

The idiot says infrastructure is—you know, I built a cooking dish in my backyard. That's not infrastructure. That's infrastructure, but that's *not* what we're talking about. We're not talking about gadgets. We're talking about changes in the dynamic relationship to his envi-



To understand anti-entropy and creativity, you have to look at the development of the Solar System and the galaxy, argued Basement leader Sky Shields. Thus you will see there is no such thing as absolute time and space. Here, an image of our galaxy, from LPAC-TV's "Our Extraterrestrial Imperative, Episode 2-Cosmic Rays."

LPAC-TV

ronment. By changing the characteristics of the environment, in such a way that man can progress. We, therefore, at the same time, have to educate man, in what we're doing in science. We have to get man able to *understand* the higher order of platforms, on which mankind is going to operate! We have to understand nuclear power. We have to understand thermonuclear power, thermonuclear fusion; we have to understand the higher orders of power that we're going to require!

Mankind is going to have more power, per capita, at his hands, in the future, if we do this, than could ever be dreamed of before. And it's that power, to the individual, given by this kind of development, which is the basis for mankind's ability to progress. And we have to have an intellectual development of mankind, which accompanies these increases in power, and the ability for us to *invent* higher orders of increasing power. That's the way to look at it.

Think big! Don't think small. The Earth is big, the universe is bigger. You want to keep company with the universe? Think big.

Measuring Entropy/Anti-Entropy

Shields: Do you think it's worth addressing.... I think there's some wrong assumptions in their measurement—.

LaRouche: Why don't you think about it?

Shields: All right. I'm almost certain that the quantity you're measuring as entropy and anti-entropy is the wrong quantity. This is something we've been discuss-

ing recently in the Basement, is that there's no such thing, really, as entropy, especially as defined by Boltzmann, but in general, as discussed outside of the work of Vernadsky, it depends upon some very incorrect assumptions about the existence of absolute space and absolute time. And as a result, you get a false idea of entropy as being some kind of absolute value, something that you can treat as having an independent quantity, when the proper way to view it is as a relativistic quantity.

There is no such thing as absolute entropy, really, as you can see manifested in economic processes. Entropy is what happens when you try to stand still. It really does exist as a relative value. But to be able to measure it, you've got to have a different sense of what the ontological significance of time is.

Now, Vernadsky has got a very clear sense of this, in particular. You guys will have access to, I imagine the questioner will have access to some of Vernadsky's work in this area, in particular some of the work he did later in life, but that he makes very clear was derived from all the early work that he did on biogeochemistry.

And looking at exactly the processes that Lyn just described, looking at the development of the Earth, looking at the concept of "anti-entropic"—and we'll define what that means, I think, in a second—of the Earth, and then man's activity on it. And what he was able to conclude: There's no representation of time, there's no existing geometric representation or mathematical representation of time, that expresses the actual

ontological significance of what time is. And so, what he says, is, you want to scrap that, and instead, you want to look at the phenomena of creativity and anti-entropy directly.

The first thing he takes a look at, he investigates it as it exists in living processes. And he draws a clear connection between the kind of handedness that Pasteur observed, in living processes, and the anti-entropy that you see in living processes, the directedness to their—that you measure time with respect to living processes, in terms of the changes, but specifically, in terms of the type of anti-entropic [activity] that they take. And from that you derive anything. . . . Whatever you want to call physical space-time has to be derived from that kind of physical activity, that anti-entropic activity.

And what he concludes, is that it's impossible to have, a) a linear time, but then, b) he says it's impossible to have a homogeneous time. And you really do have a heterogeneous time, if you want to be ontologically precise in what you're discussing when you use the concepts of time and space. You've got to recognize that the action of living processes is creating a very distinct thing that we mistakenly attach the same word "time" to, as you see in non-living processes. The same thing happens with human activity on the planet. What you call "economic time" is as distinct from "living time," as living time is from an abiotic time.

And, in the juxtaposition of these processes, in the juxtaposition of these kinds of qualitative types of anti-entropy, in that you can find a real definition of entropy, that is *not* the definition that Boltzmann uses, it's not the definition that Clausius uses, and it's not the definition of anybody who comes after, trying to modify it. And you'll find it avoids all the problems that their definitions get you trapped in.

To this day, Boltzmann's attempt to try to reduce entropy to mechanics, his attempt to introduce statistical mechanics, doesn't work. The attempt to try and resolve its problems requires people to go into just insane directions in cosmology, introducing the Big Bang, etc. They're adding epicycle after epicycle, and still it's not an adequate representation of real process, because they're not recognizing Vernadsky's breakthroughs on the subject of life, and then Lyn's further breakthroughs on the question of economic time.

If you do that, you'll have a definition of anti-entropy that will be much more significant than the one you're applying now, and it will go to the earlier question, I think, of trying to determine economic value;

that'll be your basis for determining economic value.

LaRouche: Debra?

Freeman: Yeah, I'm here. Hold on just a second.

Okay, here's the thing, and Sky's answer got right to the heart of this. In an attempt to take this question and give it an application to economic systems and economy planning, what I should tell you is that, earlier today, we had two presentations from Stanford, which caused quite a huge ruckus here. I think it would be very useful to get some comments on it, in light of what Sky just went through.

Because, what people here tried to do, was to essentially identify that if you were trying to measure growth in a national economic system, that the terms of measurement you would use, you would do it in terms of measuring the relative energy-flux density, of the power that's employed for whatever process you're talking about, and look at it from the standpoint of how that—what kind of increase you're getting, what kind of net increase you're getting in the output of production, and the net productivity, and overall quality of life of your population.

And that if you look at things that way, that that does give you a certain basis, or a certain measure, by which you can actually define progress, by your population or by your national economic system, by which you can also define the decline. Right? Because there's no rule that says, that in the United States, and in other countries as well, that there's no law that says that governments will take actions that will lead to progress. Very often, as has been the case here, you see actions taken that lead to a decline.

Now, here is what caused the big controversy: Everybody seemed to accept that, as a standard of measurement, or as a yardstick, if you will, a kind of convenient yardstick, if you're trying to measure economic growth. But then, what happened, is that a representative of one of the committees of the Stanford Group made the assertion, that what had come to them as a tremendous shock, as they began to apply this principle or this yardstick, was that the move to invest in windmills and in solar collectors, wasn't just a poor investment, or that it wasn't merely "inefficient," but that what it actually did, in fact, was that it worked to lower the rate of net output, and also not just of the immediate productivity, but of the potential productivity, of the economy as a whole. And that, therefore, you would have to identify this as essentially—it's not just that it's

not efficient, [but] that it's *entropic*, in the way that they are defining entropic.

This caused a huge upset here. Because it's not just a question of what's better—solar power or nuclear: Where do you get greater output? But the argument that was put forward by this little task force, was that, in fact, moving in the direction of windmills and solar, the so-called “alternative” forms of energy, doesn't just not help, but that they do damage, within the context of the entire system!

And I think that it was a very useful presentation, certainly a provocative one, but there is a request here for Lyn, and Sky if he wishes to, to comment on this, in this context.

Chlorophyll: The Upward Evolution of Living Forms

LaRouche: Well, first of all, remember that in the history of life on this planet, of which we know less than we should, but we know something about it, as one of our colleagues did a good job in a presentation, recently on this thing—no, the point is, that, what you do, when you take human beings, and you introduce the human being as a cost factor, and what they do as a cost factor in society, then what you're doing, is, you're not only lowering—you're wasting, you're committing waste. And it's more than waste. What you're doing is, you're taking your society, and making this crap a cultural feature of behavior of your whole population.

Now, look what's happened as a result of this now, that the Green movement, so-called, is the greatest force of destruction of humanity that has been unleashed on this planet, *more destructive than any war we ever fought!* And we've had some pretty bad wars. Because, the energy-flux density, of course, is very low: Every time you build a windmill, what's the cost of these windmills, as opposed to the alternative? What's the cost of these solar panels, apart from the fact that you don't want one on your roof; because if you get a fire, you have to quit, and run away as far and fast as you can, because you'll be killed! Because, when one of those things starts to burn, as it will tend to, especially if it's on your roof,



Both windmills (left) and solar collectors (below) are worse than useless, LaRouche said. They are a product of the murderous Green movement, and should be dismantled, and banned. “What are you doing with a windmill and with a solar collector? You are destroying society!”



US Air Force/Nadine Barclay

you leave the neighborhood immediately. Don't try to save anything—get the hell out of there, right away! Because this thing will unleash a charge; if you get near it, it'll kill you! So run away from your neighborhood, immediately, if it starts!

Now then, you take the other side of the thing, and you get a much clearer thing, when you look at solar collectors. First of all, they're impossible, in terms of economics. They're just not possible! There's no way you can justify solar collectors. And, it's worse than

that, because, what happens to the sunlight? What happens to the sunlight, which is supposed to help you with the chlorophyll? Solar collectors will turn—will demonstrate the principle the question's asked about—will immediately destroy whatever territory you put them in. Why? Because the solar radiation, which chlorophyll turns into all kinds of good things, is put out of business. So the solar collector is an act of insanity.

Now, it's more than an act of insanity; it's an act of insane people. The insane people include the British monarchy, especially Prince Philip, who's behind this. First of all, these methods of so-called power are very costly, relative to anything else. In its full lifetime, even at an exaggerated price, a windmill, if you take the period from the cost of its construction to the cost of its necessary destruction at the end of its life, the cost to operate and maintain it, the thing is *completely* uneconomical. It's negative! Solar collectors: You take away sunlight, what are you doing? You're creating desert.

It is chlorophyll which makes sunlight work for us. Why? Well, what's chlorophyll? Chlorophyll is a part of the thing we talked about earlier. Chlorophyll is an evolution, on the planet, of living forms. It is these living forms that made the planet livable with any kind of living form. It is these living forms that make the planet tolerable, for human beings.

The evolution, the upward evolution of living forms, from little unicellular creatures, exists! What are you doing with a windmill and with a solar collector? You are destroying society! And most of this environmentalist crap is of the same nature.

For example, in general, on top of it, if you do not go, to nuclear and thermonuclear fusion, now, and beyond, you're killing the human race. Because, what's happening is, in order to maintain life on Earth, we have to go to higher states of anti-entropy, higher energy-flux density of power! That's why you can not have a planet, a cultured planet, without nuclear power! And nuclear power is not good enough! Nuclear fission is not good enough, you need thermonuclear fusion, and you need things beyond that.

So, you are always—actually, you have a certain kind of attrition. Which is not what Clausius says, but it's a certain kind of attrition of this nature: That mankind, as life on Earth, as we know it, as life on Earth transformed the Earth into a higher form, was able to capture more power from outside it, in the development of life. If you reverse that, it's a loss. If you don't improve upon it, it's also a loss. Because for mankind to

continue to live, we must increase the power available per capita and per square kilometer. If you try, at a fixed level of development, you are killing mankind! If you're not increasing the energy-flux density, which is what we're going to have to do: This is what NAWAPA begins to do.

And you can apply this kind of project elsewhere in the world, the same project—I mean the Transaqua project there, is the same kind of thing. We have to introduce higher energy-flux density technology, and replace lower energy-flux density, by higher, *even to stay even!*

So therefore, if you are staying even, if you have a zero-technological-growth society, you're destroying mankind. You're a mass murderer. That's the point.

There is no such thing as a fixed system. The whole history of life on this planet: *There are no fixed systems, that work. Either progress or die!* Progress, or go extinct.

And what are we doing? Look at what the effect—take the ideological effect of windmills and solar collectors. Now, this kind of idea was very popular with the Nazis, back in the 1920s, the Green conception. It was started by the Nazis. And that was not a good system!

But look on the other side, the history of life on this planet shows that the planet has to increase the energy-flux density of throughput, and this is done largely through the effects of living processes. It's done by other ways, but living processes are the most interesting. And therefore, if you have a person, who's being stupid, by being a Greenie, he's a drag on society! If you have zero-technological-growth society, you're a drag on society. And that's what's happened: By eliminating high energy-flux density, and high rates of capital formation, you are destroying mankind.

It's not merely staying the same: You have to progress! Mankind has got to go into space! There's no way of not going into space. How many of us go into space, that's another question: but mankind has to directly intervene, within the solar system and beyond! We know that we have to intervene with the galaxy! That's a pretty big thing. But mankind is going to have to deal with the forces in the galaxy, which determine many of the things that happen to life on Earth! The 62-million-year cycle, for example. And life on Earth is governed by the galactic principle. I mean, the Solar System is something dancing around the edges of the galaxy! And we depend upon that galaxy! So, the galaxy is part of

our home. And the galaxy is part of a collection of galaxies.

So there is no limit to man's responsibility. We are going to have to develop more power, as mankind, more in the sense of physical power, to master forces beyond anything we can dream of today. But we don't have to get upset about that. All we have to do, is do enough progress, so that we're always progressing, and meeting the challenges that confront us immediately.

But our idea of man's destiny, man's destiny is a creative force inside the universe, and that's the only way that mankind can continue to exist.

Because, you know, sooner or later, the Sun's going to blow up! Or become damned unpleasant in the meantime. You won't want to be here, when it happens. It's only a billion or so years to come, or maybe some hundreds of millions of years, but that's an unpleasant experience, and you've got to get on the case and be prepared to make the changes in mailing address.

Shields: It's a fraudulent idea, and Cody and Michelle's video,² I think makes clear, there's no such thing as equilibrium, even in the Biosphere. The idea that, the notion that, for instance, the Biosphere, nature, is sort of in some delicate balance which it can stay in indefinitely, just isn't true. If you look at the history of the Biosphere, and you look at its current state, in order for even it to survive, it has to move to successively higher and higher states. That, I think, sort of makes it even clearer, how ridiculous it is, to think that somehow we, as a species, would be capable of exercising what's popularly called "sustainable development." Which I think is a funny name, because it's not sustainable. The idea—there's no activity that you can take, there are *no* activities you can take, that have zero physical costs, measured in physical terms.

The costs, as you've said, the costs for solar panels and windmills are immense—just the physical costs, for one thing. I mean, we have made the point before, the only way you might have, that a windmill could be completely wind power in the way that Greenies talk about, it would be if it were made out of wind, or if you constructed solar panels out of Sun. There's a definite cost, an immense cost in terms of resources. But then, the cost is bigger when you're measuring what you don't do. You're measuring the advances that aren't being taken, I think this is where your platform concept becomes important.

2. Ibid.

If you take a look at the advance to thermonuclear fusion, that's not something you do just to generate power; that's something you do to transform the whole space in which we operate. For instance, the ability to move human beings, safely, from the Earth to Mars, depends upon the development of the ability to produce constant acceleration at about 1 Earth gravity. You can't do that using chemical rockets; you can't do that using any existing fuel source that's been developed thus far. The only fuel source that would give you the kind of specific impulse that's needed, that would give you the proper ratio of thrust to actual mass, quantity of fuel used, would be thermonuclear fusion. That's just sort of one example of it.

If you take a look at even fission, and you look at all of what you might call the spillover technologies connected to it, it's not a question of just trying to get power from something, or trying to figure out what's going to give you electricity. It's a question of doing the same thing, we, as a species, as you see the Biosphere does in its own development, which is the complete transformation of the space in which you're operating.

And again, I think if you take up Vernadsky's view of it, you'll see that it actually is a transformation of the physical space-time. That's not sort of something nice to say. You're going to have to redefine what you mean by space and time, in order to define the kinds of actions we're talking about, and to define what you actually mean by anti-entropy.

And it's only by doing that, that you have a very clear idea of, a) what the platform concept means; and then, b) how you define economic value.

LaRouche: Okay, Debra?

The Universe Is Our Object

Freeman: The principle that's being discussed, and this is a question which we here are trying to make sure we're understanding correctly: It operates from what Lyn is describing, and again, this is within the context of an economic system, while it certainly operates from one platform, if you will, to the next, the question is, doesn't it also operate within the given platform?

And here's the specific example that's being raised: Let's say that what you're talking about is an oil-based economy, for the moment. Obviously, the first thing that's going to happen, your activity is going to be directed to areas where the oil is richest, and where it's most easily accessible. And that would seem to be obvious, and it would seem to be efficient. But at the same

time, if you employ this idea of the introduction of new technologies, or improved technologies which employ relative—at least relative to what you were doing before—higher energy-flux density, then that would allow you to essentially use those technologies to go into areas that had, perhaps less rich concentrations of oil, or perhaps, less easily accessible concentrations of it, and not only give you access to them, but actually match the productivity, match the productivity of the people who were essentially gathering that.

In other words, it's a principle that operates in a closed system, as well as when you're looking at what really are revolutionary leaps from, say, one mode of reproduction to the next. That's the question that's being asked.

LaRouche: Well, I think there is no such thing, as really, an argument for isolated systems.

See, I'll give an example, say, in our work on the NAWAPA design: Now, we went through the figures. What we did, is, we were very careful last Summer, in saying nothing until we had done a lot of work on—and I just put the lid on everything: "Nobody talks until we get this thing figured out right." And we did that, and that was very good. Because if we had gone out and tried to push NAWAPA, without having done the intermediate work of working the whole thing through as a complete system; we didn't complete everything that should be completed, but we worked with a complete system.

Now, one of the more interesting things was, that we were calculating the amount of water, which would be generated through the collecting system, through this whole NAWAPA system, which is a *unified* system. It goes from the Arctic into Mexico, and we could extend it down into Mexico, through a mountain connection; you could go all way down, to the south of Mexico.

We determined that if you did this, you would in-



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Development of a territory demands the development of the entire territory, and with each step forward, your responsibility, and the territory you have to improve, gets bigger, LaRouche said. Thus, while the Chinese took on a massive responsibility with building the Three Gorges Dam (shown here), that dam will be a midget compared to the biospheric engineering which NAWAPA will set into motion.

crease the rainfall pattern across the United States by 2.7 times. That's 2.7 times that amount.

Now, one of our big problems in the United States is the fact we have desiccated areas. We have drawn down the aquifers in the Central Plains, for example. We're creating desert conditions in the United States, *by not putting NAWAPA into place!* Because, we can manage large amounts of water. You know, water takes a detour before going to the ocean. That's no tragedy: It's going to get to the ocean anyway, sooner or later. So you give it a detour. And by managing water, like the Transaqua project for Africa, by managing water, we can create a different rainfall pattern. Not just putting water down into a well, but developing a rainfall pattern.

And we can create it across the United States, because the evaporation goes up. It goes up, becomes a cloud form, descends in the form of rain. And if you keep that cycle going, you do it. In Egypt, for example, another case: There's enough water in that area, to make big improvements in that. We knew all about this back in 1982, when the project was being calculated. There's enough water in the region, to make a great improvement in the conditions of life.

So, I think that the idea of trying to say, let's take a small piece, stereotype it, and assume by simply extending that small piece to a larger piece, that you can judge how this thing is going to work. Actually, it's the macro-system that defines the micro-system. That's the characteristic of this sort of thing: instead of "infrastructure," talking about "platforms." Charlemagne's change in the area of France and Germany, for example; what became France and Germany, a simple case.

It's the operation on a very large area, where you create a standard technology, a standard level of performance, and that's your foundation. And you don't want inferior systems! Because the inferior system draws down your whole effort. You don't want an area that's not the most advanced system. In other words, you don't want to walk—you know, take a railway system, and go so far by rail, and then walk the rest of the distance. That is not a very good idea! What you want is a system which envelops a territory, as a unit, and think in terms of the *territory as a unit*.

If you're going to talk about the galaxy, our galaxy, you don't talk about part of the galaxy. The galaxy functions as a unit. It has things in it, but it functions as a unit. The Solar System is a unit. The way we exist within the Solar System, in our vicinity, Earth's vicinity, is a unit. You can't parcel this out by the usual algebraic formula: Take a formula, say, is the formula sound? Well, it's a question of what the scale is. It's not independent of scale; and technology is not independent of scale.

That's the real answer to this question. You have to get the most advanced technology applied on—we're looking for a planetary basis.

All right, what are going to be doing for several—take the case of Russia's contribution: The Siberia factor. Now, the development of NAWAPA, and the building of the NAWAPA railway/tunnel system as part of that, means that the rail line, which is projected from the Trans-Siberian line up to that point, it now becomes functional. The opening up of that territory demands a development of the entire territory with the mineral production in mind. So you have to build a *Siberian system*. Some of this area is pretty tough to deal with, but I think our old friends from the Vernadsky Institute might be able to help on that thing a bit—they certainly indicated that, the last time I talked to them, that they understood this business.

So you have to take a whole system, and *define a system*. And you want to go from one system, like one

platform, to a higher platform. So your basic conception of economy has to be going from platform, to higher platform, to higher platform. And as you get higher, you get bigger, because you go from managing a national territory—you find yourselves dealing with a Eurasian territory. When you get a Eurasian territory, you're including Africa! When you develop the United States, you're now implicitly including South America as well as that.

So that, the more you develop, the bigger your responsibility, the bigger the territory that you have to improve. Because what you're really doing, is doing what the Earth did with life: Little things are evolving, little forms of life, as Cody said, little forms of life. And the little forms of life are doing what? They're changing the big form, of Earth! The little forms of life, are creating water, producing water. The little forms of life are producing, beyond water, they're producing things that depend on water.

Then you get enough water, the water goes up, and forms a blanket which the solar radiation turns into an ozone layer. Now the ozone layer now exists, it protects you—now you could have bigger things, not just unicellular kinds of things. You can actually get human beings, eventually, out of this process. And from animal life, you go up, to higher human beings; you get to a completely higher order of things.

Now, you have to change the definition of the Earth, from an animal-inhabited Earth, to a human-inhabited Earth. And you change everything to fit *human-inhabited Earth*. You include the plant life and the animal life on Earth as part of the process, but you *define* it by man! Man becomes the new platform, because man is creative, and willfully creative. No animal is. Animals are creative, but they don't know what they're doing, they just do it.

And that's the way, I think, we have to look at this. You have to look at the total environment. We are not modest. The universe is our object. We are not anywhere near that, but we have to think in those terms. We don't stop until we reach the universe.

The Importance of Riemann

Shields: It seems in this, that the Riemann becomes important, really important. Because there's a topological consideration, in the right way, that any action we actually take as a real action, should be changing the metric that you're operating in. It's not a question of operating within the metric.

I mean, to give you an example: This gets back to the question of the relativity of entropy, again. We're discussing right now, all the infrastructure development around NAWAPA, and we're amplifying some of the regional plans, with just massive nuclear power development. And then, the connections, also, across the Bering Strait, the new mining, etc.

When you do that, suddenly, relativistically, all the earlier discussions of hydropower, the actual value—they shift to becoming, in some cases, a net cost. That if you were to sit back and invest in hydropower that, in an earlier period, would have been beneficial, its value now goes negative, when you take into account everything physical that's involved in it, as an investment, both manpower, other physical resources, etc. And you compare that to, again, what you're not doing by doing that, which is the investment in the higher platform of nuclear, etc.

In one sweep, you've taken all of your little activities that would have operated in your earlier closed system, and you've just compressed them into something that's almost infinitesimally small, compared to what it was before.

From a Riemannian standpoint, you're acting on the actual metric of the whole manifold. You're changing what your definitions are that you use for measurement. And that should be the focus of any activity, any economic activity.

The only way to do that, to do that correctly, is to invest in the frontiers. You've got to always be pushing for what doesn't yet exist.

LaRouche: The Riemannian aspect, actually, we should emphasize, because the higher concept of what an Abelian function means, as defined by Riemann: That each of these so-called platform areas corresponds to a kind of Abelian function. You're outside a fixed system. You're no longer in a fixed system, you're in an anti-entropic system. And each of these qualities, of life



The great German mathematician Bernhard Riemann provides the crucial conceptions for defining the metric by which technological advance can be measured, asserted Shields. LaRouche added that Riemann made an invaluable contribution by developing a higher concept of Abelian functions, which are needed to understand the movement from one platform of development, to the next.

and so forth, up to human beings, defines a completely different Abelian function. And so this development of the concept of Abelian functions, as done, for example, by Riemann, principally, you'll find this reflected in the work of Vernadsky.

Vernadsky is the one who applied this concept of Abelian functions to the distinction between the nonliving processes and the living processes in general, and the Noosphere. Each of these is a different class of Abelian function! They are *nested Abelian functions*. And this is implicit in Riemann, and this is where the Riemannian aspect of Vernadsky's work becomes clearest, at that point.

Potential Relative Population Density

Freeman: Lyn, another question here. The speaker asks, "Look, I think that, between the work that we've done, and certainly some of what we've gone through today, we have, I think, an advanced understanding that, for any measurable progress to occur, that you do need—that even if we are to exist at our present level of existence, let alone, to move forward as a society, as a culture, that it does demand continued advances in what we're referring to as relative energy-flux density, both per capita and per square kilometer. And I think that there's a range of understanding of this, among some of our participants.

"But I think that there's an element that's being left out, that I'd like you to address, because I think that when you're talking about the progress of a society, or the progress of a system, that one yardstick, or one measurement is absolutely, the question of increases in relative energy-flux density, but you also—that has to be combined, at least to my mind—with an increase in what we've referred to in the past, as potential relative population density. Because it's the precondition, not only for establishing some durable state of progress of the human condition on Earth, or whatever system you're looking at. But from the standpoint of what

we've discussed, it's actually the increase in that potential relative population density, that not only improves the condition of mankind in this society, but which would, at least potentially, provide a form of progress or improvement in the universe as a whole.

"Because, really, when we talk about platforms, I mean, Lyn, what really changes everything—I listened several times to the presentation on the 'Science of Glass-Steagall,'³ and clearly, what changes everything, is the introduction of the human platform, because human beings represent—yes, we're a part of the Noösphere, but we're a very unique element of it.

"And I'd like you to address that, because I don't see how any nation, or any region, can actually measure its progress, unless it's also experiencing an increase in happy population. This idea that somehow a reduction in population could represent progress, to me, seems to be completely antithetical to the idea of progress as we define it."

LaRouche: Well, the first answer I think is, go back to what I just referred to, Abelian functions, as Riemannian Abelian functions, and recognize the Noösphere is defined as a higher form of Abelian functions.

Now, this comes up in Vernadsky's work and related work, constantly. When you go from a nonliving system to a living system, your chemistry, your physics is different, hmm? When you go from a system which is a living system, merely a living system, to a human system, a cognitive system, again, your function changes. So you can not use the *formulas*.

But this concept of Abelian functions, if you look at it, define it in terms of Vernadsky's work, and the work of his associates, as a Riemannian concept of Abelian functions, extended to the idea, the *voluntary* aspect of human creative powers, that changes everything.

I mean, the idea of productivity, for example: No animal can consciously invent a discovery. They may stumble into one, and they often do; you find that when you raise puppies, for example. They will stumble into you, and they will pick up something they didn't have as a dog before, but they'll pick it up from you—but they're still dogs. But they're dogs being acted upon by a higher function, human beings. And you find, if you raise dogs, or experience dogs, you know this. That's the difference between a dog that's raised by a dog, and a dog that's raised by a human being: It's a different function, different characteristics.

3. Ibid.

So, we have to think in these terms. We have to think in terms, really a Riemannian sense, and I think Riemann's general concept, as appreciated by people like Einstein and others, but particularly by Vernadsky—Vernadsky's work in the Noösphere dimension, applied to what we know as the problems of economy, that tells us—that's, I think, where we are. I think it's on that level of science, that we presently know what we're doing. There obviously will be higher levels we will come to in some form later on, but this is what we have now, this idea of the Riemannian-Vernadsky conception as a kind of Abelian function. And that's the framework we're working in, and that covers about everything we know, now that we're competent to deal with.

And I think we should be satisfied with that, in one sense, but also, very restive about being confined to that. In other words, you like what you're doing, but you wish it were better, and you don't quit trying.

From FDR to the Present

Freeman: Okay. Lyn, the next questioner says, "Lyn, I asked you a question at the last webcast, and I think either I stated my question poorly, or you misunderstood. But what I talked about that morning, was the whole question of unemployment, jobs, etc., and the fact that all estimates of jobs that were supposed to be created, even estimates that we had come up with, were wrong—that the jobs weren't created.

"Now, my actual point, then, which I wanted you to talk about, because it helped something else we were involved in, is that the reason why no net jobs were created, is because our normal practice, as Americans, of investing in those advances in productivity, did not take place. That, instead, what occurred—there was investment, but it was investment in things that, you know, brought us the iPhone, and 3G networks, and now 4G networks, etc., all of which are useful, you know, to some degree, but which do very little to actually effect the productive increases in an economic system.

"And the reason why I brought it up, is because it was coupled with a study which we've done, which has caused tremendous controversy, but it has been based on this question of increases in energy-flux density, and such. But, as you know, we have argued, that if you look at things from the standpoint of energy-flux density, and our ability to realize that into net productive output, that essentially, there has been *no net increase* in the long-term productivity of our labor force, since the 1960s!



Library of Congress

The insight President Franklin Roosevelt had into how to reverse the U.S. collapse, is demonstrated in the fact that the first major construction project he launched was the Tennessee Valley Authority—which eventually led us to the development of nuclear power. Today we have had a destruction of that technological potential, per British policy. Here, construction at TVA's Douglas Dam, Sevier County, Tenn., in June 1942.

“And that, in fact, what we have experienced, more recently, is an accelerating decline in long-term productivity, as we’ve experienced an accelerating decline in basic economic infrastructure, in physical infrastructure. And that the kinds of investments in technologies, that are repeatedly pointed to, they may be investments, and it may be technology, but it’s not technology that affects this.

“And I’d like you to comment on it, because it’s a critical question for us, as we’re tasked with shaping—let’s assume we get Glass-Steagall, the question is fine, we have Glass-Steagall, now where do we go? NAWAPA is an obvious example, but we have to be able to defend NAWAPA from this standpoint. And that’s what I’d like you to talk about.”

LaRouche: Well, you could discuss the matter from a longer-term view, but take a more restricted, more recent interim: Take what happened from the inauguration of Franklin Roosevelt in 1933, and up to the present, and you get some very interesting ups and downs. You look at what Roosevelt did: We were actually *in decline*, net decline in the 1920s, as an economy; and the collapse occurred the way it occurred, because of

this. Roosevelt understood.

Look, what was Roosevelt’s first significant project of construction: the Tennessee Valley Authority. Now, what did the Tennessee Valley Authority do for us, among other things? It gave us nuclear power. We became a nuclear power, through the Tennessee Valley Authority—Oak Ridge. That’s typical!

Now, what happened when the war ended, and Roosevelt was dead? Truman tore down a great mass of our productive potential, as a favor to the British! Our post-war plans, under Roosevelt, had been for the freeing, as Roosevelt said clearly to Churchill—and Churchill hated every word of it!—that: “We are not going to have colonies after this war’s over, Winston! When this war is finished, we’re going to rebuild this world, we’re going to free these nations. They’re not going to be

colonies any more! We’re going to help them develop!”

Now, Roosevelt was not simply whispering pretty words. He meant it! And I was in India in the immediate post-war period, coming back from Burma, and I was involved in dealing with what became the great Calcutta riots, which were a social explosion, caused by two British machine-gunners at the head of Dharmatala Street and Chowringhee, firing directly, with heavy machinegun fire, into an advancing crowd of demonstrators, coming down the street. And that went on, afterward, the rioting went on for about three to four days, until the people who had been rioting just dropped out of exhaustion. They were shouting, in the same crowd, “*Jai Hind!*” and “*Pakistan Zindabad!*”, in the same crowd! Where a year later, they were going to kill each other!

And what we did, we had this tremendous capability coming out of war production! Roosevelt’s intention was, we would use this capability, to build industries, and *free these countries from colonialism*. Roosevelt’s dead; Truman’s a pig! He was a fascist, actually. He comes from Missouri, but he’s a Wall

Street fascist. He was on the fascist side, at the same time as George Bush's grandfather, Prescott Bush, who was the guy who *funded* putting Hitler into power, *personally*!

So these bastards came back into power. And we *destroyed* much of the potential we had, to convert war potential into *economic potential*, which was Roosevelt's intention.

And we destroyed much of our own population. We brainwashed and terrified our own citizens, drove them crazy, produced a generation of nuts, opportunist nuts, who were crazy. And people were terrified and intimidated, by the thing that became called "McCarthyism." It wasn't McCarthyism, it was Trumanism.

Then, Kennedy came along, and Kennedy, backed by Eleanor Roosevelt, sort of his sponsor—Kennedy moved! He prevented the shutting down of the steel industry! He did other things of that type. He was building up the machine-tool capability of the United States, through a special law, designed to promote that. He collaborated with Douglas MacArthur, to avoid a war in Indo-China, which was totally unnecessary and wrong. That destroyed us! Ten years of that war destroyed us; it turned some of our young people into madmen, degenerates. And the degenerates got promoted. The people who were not degenerates got less promoted. That's how degeneracy came into vogue in the United States, in that way.

So, if you look then, at the achievement under Kennedy, of the space program: We were developing. For 10 cents worth of investment in the space program, we were producing one dollar's worth of technology. And *what was done* during the 1970s? Destroyed.

And you had a virtual fascist regime.

Now, fascist in this term, is not the way Mussolini used the term fascist. Fasces was the name of a bundle of reeds that the Roman soldiers carried before them, marching down the Roman roads. But the term fascism was used by Mussolini, and it was picked up—it was actually a Napoleonic idea. Napoleon Bonaparte was the one who invented what we call "fascism" today, institutionalized it.

So, we had a destruction of our technological potential, in several layers of this process. We destroyed the potential: Look, take the case of the O-ring crisis, when we lost some astronauts, because some idiot put in a fake, untested O-ring, and the whole bunch died! Look what happened to the space program: It was taken down, piece by piece! We had tremendous technology;

we *lost* it!

What do we have among the young people today, people under 25? What are they? What kind of work are they qualified for? Look at what happened in Tucson: Tucson—the event in Tucson is typical of what we're breeding today, as a result of the policies of the past ten years, of two Bush terms, and an Obama two years. We are destroying our own people! They're out to destroy our technology, the British are destroying our technology! Technology is being destroyed in Europe!

We're going into a *dark age*! The reason we're on the verge of a dark age, because of finances, is because we're on the edge of a dark age in terms of our physical economy. We're not producing enough food! We don't have enough food now, to feed the population of this planet! Why? Because it's a matter of policy—British policy, chiefly. British imperial policy. And a U.S. policy to match: Every time I hear the name Monsanto, I say, "Kill those guys." Because they're killing us! They didn't invent seeds! They didn't invent life! They have no right to patent life! And get a monopoly on life—they *didn't invent life*! They have no right to patent it, and to use it as a weapon against the farmer. The farmer gets one seed of Monsanto traced in his crop—he didn't plant that seed, but if it spread among his plot, somebody comes along and takes his crop away, takes his farm away, breaks him.

We put up with this crap!

So we've been destroyed.

Obama Must Go!

And therefore, the problem is not of this accidental nature, somebody overlooked something. We have been in a process, where the British Empire is out, has been out to destroy us, since Winston Churchill took over Truman, at the end of the war. We have been systematically destroyed, by them. And the agent that does it, is called Wall Street. The Wall Street, the Boston bankers, and the Wall Street crowd, and their applications in various parts of the country. They have systematically destroyed us.

And in 1971, the cancellation of the fixed-exchange-rate system: That was the beginning of our landslide into destruction. I know, I was involved—I was the inventor of what became known as the SDI, from 1977 on; I started it as a project. I had leading military figures of France, Germany, Italy, and other countries, and the United States, leading circles of the intelligence community in the United States, they were all assembled

around my SDI project. Or, what Reagan named the SDI. Reagan adopted it, on the advice of his National Security Council, with whom I was working. If the thing had gone through, we would have turned the clock around; we would have saved civilization. We lost it.

And from that point on, everything got worse! George H.W. Bush, the whining, stupid lout! You talk about the time he dived out of a plane, and left the crew behind, as pilot. That kind of thing—no good, no good at all. But his father was a fascist. What do you expect? And his son is no damned good, either.

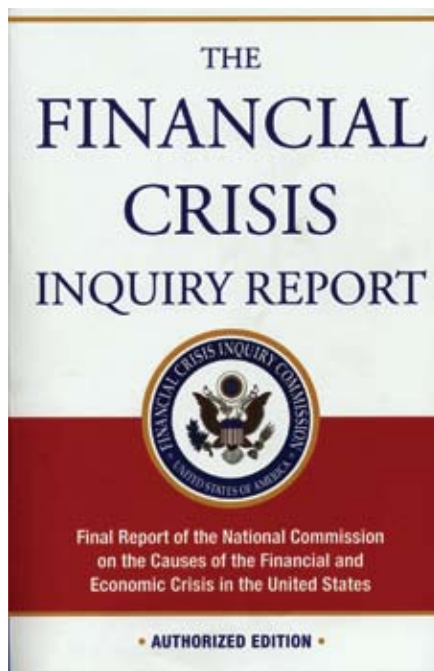
We've got a brainless mental case, very serious mental case, as President now. No wonder we have problems!

And my view is, the only way you're going to solve this, you've got to get this President out of there. He's clinically insane. He meets the criteria, under the 25th Amendment, Section 4: He fits the criteria to be thrown out of office. And he's acting like a dictator now. He's got no brains. Got a mouth; he's nasty; has terrible people advising him. But that's the problem.

So, that's where our problem lies. The problem lies, that if you don't maintain and develop a *system* of economy, which creates the foundation for progress, and if you don't maintain the intellectual development, and moral development of our citizens, then you're going to get this kind of effect!

We're going into a dark age. What the name for this is—and Summers, Larry Summers, is typical of this—it's called, "creative destruction." It's generally associated with the name of Schumpeter. The policy comes from Friedrich Nietzsche, and comes through Werner Sombart, who was not a Nazi as such, but he was a leading economist under the Hitler regime.

So we have a *fascist policy*, literally fascist policy, in the full meaning of the term, which has taken over in



The recently released FCIC report, produced under the leadership of Phil Angelides (below), provides a significant boost to the drive for Glass-Steagall, the sine qua non for implementing what LaRouche called the "star project" for getting out of the current crisis, NAWAPA.



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parts of Europe, and has destroyed much of us inside the United States.

My response to this, is that we have to pick star goals, which have universal implications: NAWAPA, for me, is a star goal for the United States. Simply take the Glass-Steagall Act, reenact it, which the British forbid us to do—well, the Devil with them!—*let's do it!* If we do that, the minute we enact the Glass-Steagall law again, the minute we do that, *we can save the people of our states*. You can't do it, as long as this bum is in the Presidency, and you can't do it without Glass-Steagall.

You want to save the United States, and the people in it? You get Glass-Steagall in there. No questions asked, no objections! Glass-Steagall is the thing that will save the United States. *Not* putting Glass-Steagall into operation, will *kill* the United States! And if you're not for Glass-Steagall, you're no damned patriot, because you're not willing to do the one thing the nation needs; you're standing in the way, of a measure which will save the nation.

Once we get the money available, a credit system,

an American credit system going, we can immediately *bail out the states*, with *real* things, not fake debt investments. Once we can stabilize the states, get the states back into functioning before the Obama plague hit them, get that going, then we go ahead with a project like the NAWAPA project. And we extend the philosophy of going with the NAWAPA project to our cooperation with nations around the world, on the idea of building up a credit system, which is a fixed-exchange-rate credit system of the type that Roosevelt intended, and put that together.

We can save this planet, and we can start—I don't know if I'll be around that long—but we can start to rebuild it, and rebuild the nations, on a system of sovereign nation-states, which are in partnership around a fixed-exchange-rate system, with *common goals*, and the common goals are, largely, power, water, and food. Power, water, and food. NAWAPA is part of that, and NAWAPA is a project which takes us into space-science, as you know.

That's where we should go! These are modest, really, modest objectives, and it's better that they be modest. A few things, which are of major importance, and major benefit. Don't worry about the rest. If you get these three things done, then you have secured civilization. If you haven't done this, you don't have civilization.

Freeman: Well, Lyn, as we are wrapping up here, one of the leaders of our American economists has asked that the following be conveyed to you, "Look, the fact of the matter, is that we've been, in these past months, extremely focussed on understanding how we got into this mess, and what immediate steps we have to take to get out of it. And to that end, many of us were recruited to help out, in pulling together the FCIC [Financial Crisis Inquiry Commission] Report. And I think we did a good job with that. Certainly, we could not have done the job we did, had we not been informed by this ongoing dialogue that we've had with you. I mean, we understood certain things, but there's no question that our ongoing discussion really—it didn't just enrich—I would go so far as to say it revolutionized our understanding of how we got into this mess.

"Now, I think, Lyn, you also know that as much as we were able to influence what the commission issued, the commission also had something of a limited mandate. They did not have the mandate to come up with recommendations in a framework for resolving the crisis. But, with the issuance of this report, I'm much

more optimistic than I was a couple of months ago, about the ability to actually pass Glass-Steagall. And I think everybody understands that if you actually restore Glass-Steagall, it gives us the ability to pump out such an incredible amount of credit, to save the states, to start reconstruction, and under those circumstances, NAWAPA becomes a realizable project.

"But, I can't help but feel, especially after our discussion today, that, really, it's not sufficient, because we really have to start revolutionizing everything about the way we think about economic planning, and the way we think about man's relationship to the universe as a whole, not just within the system of autonomy in the U.S.

"We knew how to do the job; we knew exactly what was necessary to get out an accurate and truthful picture with the FCIC Report, and I think that was done and done well. But, I'm not so sure we know how to do this!

"But, for now, I think what we will do, unless you have other suggestions for us, is, we're going to concentrate on mastering some of the ideas that have been put on the table here today, and obviously, NAWAPA is the practical expression of it. But it seems to me, we have to be far more competent than we are right now, in figuring out where we're going to go, in the wake of this collapse, which I think everybody agrees is—I don't even think saying it's inevitable is the right term; I think it's already well underway, and now it's just a question of what we do to replace it.

"But I just wanted to say that, and see if you had any words of advice. We are obviously going to continue this discussion. And on behalf of everybody here, both we Americans and our international guests, I thank you, and I thank Sky, because his contribution was invaluable in helping us get a sharper understanding."

Well, I think that's it for us, Lyn. If you have further advice, further recommendations, this is the time to make them. Everybody here has been intellectually provoked, but look quite excited and happy.

LaRouche: Okay, fine. Have fun.

Freeman: If you have anything to say—

LaRouche: My best wishes to all concerned.

Freeman: Okay! Okay, then.

LaRouche: A bientôt!

Freeman: Thank you, very much.

‘A Republic, if You Can Keep It’

Benjamin Franklin’s most famous quote should be ringing in the ears of patriotic Americans today. Asked by a woman after the Constitutional Convention, what had been wrought there, he said, “We’ve given you a republic, if you can keep it.”

Today, we know that we are in grave danger of losing that republic. We see a leadership of the Republican Party that can only be described as fascist. The same with the Democratic Party leadership in the main, with President Barack Obama at the head of the pack. And those Congressmen who are not in cahoots with these fascists, are effectively morally dead—they seem to be just sitting there, enmired in cowardice, waiting for the whole process to come to an end.

Yet, the global reality of the mass-strike process, which is bringing millions of people out into the streets around the world, including the United States, tells us that the power, and the passion, for restoring our republic is not only there; it’s in full swing. An increasing mass of people is prepared to fight to rid themselves of a ruling stratum that is bringing them, and their posterity, into the depths of destruction.

But this mass of people has a serious problem. While it clearly has the potential to take power, it also lacks the ideas with which to *hold on* to power, for the good.

To hold on to power, the mass-strike movement needs the understanding of economics, of principle, that is only available in the movement led by Lyndon LaRouche.

History is littered with failed mass movements, which lacked the principled ideas required for lifting up the people, and uniting them around a positive mission for their nations. Prototypical was the French Revolution, which began under the inspi-

ration of the American Revolution, but which became a hideous process of one dictatorship, overthrown by the next—and ending up with the fascist Emperor Napoleon, whose legacy has never been fully overcome.

What was the difference between those two revolutions? True, there was a difference in history, especially evident in the role that the tradition of the Massachusetts Bay Colony played in shaping the leadership of the American Revolution. Despite great leaders in the past, from Charlemagne to Louis XI and Colbert, France had no such republican tradition, in depth. Equally important was the fact that the Americans were at a relatively “safe” distance from the ruling oligarchy, and had, in several of the colonies, already a strong tradition of citizen literacy and intellectual aspiration.

Fundamentally, however, the decisive factor in determining the radically different outcomes, was the character of leadership. France’s leadership *failed* its people, in not sticking to the principles of republicanism, thus leaving the field to the British agents and oligarchs who played the sentiments of a “mob,” rather than a populace determined to act for the future.

Who will take leadership of the spontaneous mass strike movement of today? Will they have the ideas necessary to move mankind forward, to hold on to power, for the good?

That is the question to which the LaRouche movement, especially the LaRouche Political Action Committee’s youth movement, is addressing itself today, by elaborating the process of human creativity and universal physical principles, as applied to lifting up mankind to his proper role as co-Creator of the universe. With those ideas, we can keep our republic.

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