

**Virtual growth as the first step towards solving**

**Highlighting a so far unnamed problem in new dimensions**

**by Rolf D. Lenkewitz**

Sporadically the critical question to the continued existence of the growth is put in the media, as a dogma and engine for the economic development.

In the world crisis the states further stick to their financial systems and with it to linked complicated constructions of the issuing banks and components of the state loans, stocks and investment products.

The policy announces the stronger the slogan of the growth, the more dangerously the worldwide financial crisis tapers to a point.

Basically to question the growth it is looked upon almost as a sacrilege and of the predominant part of the economists strictly rejected.

For a long time it is doubted that growth is to be regarded , in the historical course of a growing development, which is obviously declining, as dominating basis for the human development. Maybe it is nothing more than a strengthening crisis factor.

With certainty the questioning of growth is no out-of-touch demand, even if growth is in general a part of the biological and spiritual development and shows from there a component of vital importance.

The discussion controlled superficially up to now and the quarrel about it overlook the real important contents and questions. They change the subject of it. Conceptual questions stand here in the foreground and not a flat 'Per' or 'Against' **Growth**.

It is a matter rather of looking at a new form of virtual growth which is integrated equally to customary growth into our system, by a reduction of the disadvantages which are connected with customary growth.

With a closer look to a distinctively virtual growth, already existing in our societies, in an immaterial and digital way which is done on our technological development in the electronics and informatics.

To find a definition for virtual growth is not quite easy, but it is kind of about spiritual growth, the generation of knowledge and knowledge products on digital bases.

The emphasis of a virtual growth requires an identification and process description, because coming near to spiritual and digital bases, this form of growth, as participating variant, is lost in the general growth of the economy and systems.

Before the details of the virtual is considered further, we must consider the paradigms of growth and the associated increase in value more closely.

In my drawing "The identification of the core systemic problems of humanity and the search for solutions," I refer to the context of employment, growth and monetary theories to the close correlation between growth and planet Earth.

„ The realization of work and tasks orientates itself by the compulsion to receive money and loan, to be able to survive consuming.

The physical and spiritual needs are a very strong human impulse for it.

Money is, in the theory of money, also a credit. Since it belongs to the roots from the Latin word 'credo', "I believe", it is a dynamic medium of exchange, with a relative value.

The system relies on the continuous growth of primary biological basis for the income supplement, which lies in the future to siphon off.

With the mechanism of the monetary creation about the issuing banks the loan amount is raised arbitrarily and with the compound interest, the "liquidity premium", the possession and the accumulation is recompensed by money and loans.

The money supply grows and increases the level of profits in which the fictitious growth is forced into an exponential curve.

The exponential curve leaves cyclically the relation to real values and growth and is thereby devaluated sooner or later again.

The exponential character results from the limitless spiritual dispositions of the person.

The seemingly alchemical value out of nowhere comes to the limits of confidence, if the amount of the notional value is reset in relation to, the currently valid, planetary reference system.

I consciously integrated the phrase "currently valid" because the fictional intellectual hyperspace (of intellectual development), which treats the planet, ecologically seen, with feet, could be a shift in values and trust propagation in the virtual and neglect the fictive space of a knowledge society.

Such a shift in values, however, would lose the final relativistic frame of reference to a substantive consideration earth and change the monetary system to a yet unknown matter.

The overall growth as a factor in human development and economic systems is a process that is by its nature not in her ideal form bound by the limitations of a single planet, the Earth.

Who talks about growth, thinks at first of the increase of the humanity and the permanent expansion linked with it of the Industrie-und service systems. the increase of the resource consumption and the consumption, thus to the consumption and the change of goods without taking any consideration of the planetary boundaries.

Not sufficiently taken into account the planetary boundary expressed in dependence of a system which responds closely linked to feedback (eg real estate bubble burst, stock market crashes).

The taking place back couplings between growth systems and the planetary frame can be described with the science of the cybernetics as a basis rather well.

The growth associated with development of systems and components, eg of products and the associated increases in the value includes a very long time a distinct intangible level, in particular, it was of not much interest to us up to now.

In my articles I refer, e.g., to the exponential curve of the appreciations of value of the investment products which cross every earthly-material reference framework and illustrate always future, at first fictive expectations to profits and appreciations of value (see graphic arts).

Forecast and expected growth is to blame in these events constantly and the increase in value can be taxed away in principle as long as the planetare value of the earth is not bled out with his resources and possibilities.

What does that mean? The answer is simple if we take into account that values and capital gains, which exist in paper currency, yet in principle can be converted into any other form of goods.

If you have done with stock shops a million profits you can take the 1 million euros and buy real estates.

In this case you have transformed 1 million euros in real values.

If we look at the totality of the planetaren debts, the debit side and the counterpart of the credit side, today we know that the appreciations of value are pure fictive numerical values in the computers and can never be transformed in this scale in earthly real values and potential projects (production activity).

The astronomical profits from investment transactions exceed the terrestrial reference frame and the actual present economic and innovation many times.

The exponential increase of the investment products of the financial industry, the bonds issued and generated profit sums and debts do not really an increase in systemic gains, eg in the form of new industries or consumption.

The exponential increase of the investment products of the finance industry, the spent loans and generated profit sums and debts do not really lead to an increase, in systemic gains, e.g., in form of new industries or the consumption.

The dependent circulation of a circulating exchange system between buying, selling and good transformation was synchronized no more with the necessary increase of the available loan means, the really taxed away profits from paid labor and the processing of resources which are available for the users.

So, the global bubbles have burst and the national economies can grow no more!

The scale achieved with the world crisis of fictive appreciations of value, in relation to 7 billion people, has reached a level, which no longer allows us to go back to our well known financial-monetary and economic system .

The crude and primitive mechanism of a drastic reduction and new adjustment of the systems over a third world war, with never before lived and deeply felt destruction potential, is likewise no more option!

So what is up to us, what can we do?

We must do what we avoided for decades, the analysis and redesign of our financial-monetary and economic systems, on the basis, wich implements an unbelievable growth of human kind, never known before.

The completely wrong approach it is to want to give up the growth of superficial and untested, which makes up our existence and our progress.

The right beginning lies in it the principles of exponential growth, this stamping, integrated in an antiquated financial system and linkedly with dangerous disadvantages, to change and generate a new form of virtual growth on the basis of a new concept, if necessary

We neither like nor want to give up our spiritual and biological growth, our real nature, especially in a situation of the increasing collective and neural interlinking of the humanity.

However, we can abandon the antiquated form of growth and change our financial monetary and economic systems comprehensively.

**One solution could be the creation and growth of virtual reward, in the form of knowledge solutions and knowledge products, produced on a purely digital domain!**

A solution which would be connected inseparably with a modification of our systems.

This is in principle a process of transformation, however, due to the exponential growth of the values in the virtual reality, which can never be converted fully into real goods and real services.

Die mathematisch festgesetzten elektronischen Werte in der virtuellen Investment-Realität bleiben damit fiktive 'Credo-Werte' (lat. Credo „ich glaube“).

The mathematically established electronic data in the virtual reality of investment remain thus as an imaginary 'credo values' (Latin credo, "I believe").

At this point, seemingly there is a contradiction between a diagnosed participation fictitious and virtual processes, the growth of the global economy and blurs the distinction of a new solution, which is also based on virtual aspects of growth.

Instead, we are introduced to more substantive layers of events.

The strength of a virtual growth lies in the informal level digital projections that initially considered in isolation, are generated by a transformation in earthly goods and material production activities.

The production of an architecture draft as drawings CAD/CAM and the execution as a virtual project file for a virtual celebration of the new building in the Cyberspace generates at first a fraction of the resource consumption which would result if the building is really built.

The resulting consumption of resources depends on that point of time with people involved, the CAD designers and performing PC technologists, requiring only a fraction of food and energy in that case to produce virtual products on a digital level

Instead of an architectural design endless variations are possible in intellectual products, which are produced at this level. Other virtual knowledge products could include solutions for cleaning our waters or the improvement of medical surgical technologies.

You will argue that all of this happened a long time ago but,. Virtual production in a virtual running growth process, which is reflected in the enormous increase of the global information network and in the cloud (Big Data) This basic process applies only to a minority of people and rewarding the 'virtual' production activity depends largely on material production processes.

For global growth, attended by all, this is by far not. One is to the people's access to this type of production process, regardless of the level of education and vocational orientation and the other should be able to pay in a sturdy frame as independent as possible, run away from material processes and dependencies.

For a global growth, where everyone participates this is not sufficient by so far. On the one hand, independent of educational level and the professional adjustment, people should be acknowledged by their ability!!!

Such a form of growth, the production activity and basic security has never existed before.

The details and layers that are associated with the idea of virtual growth, require the consideration and intensive treatment of high technology and software concepts that govern the interaction of such 'virtual' work and production processes.

A further focal point for a systemic solution to our global problems, using virtual growth lies in not thinking away networking and modification of existing financial systems.

Who further spins this seemingly utopian ideas and hopes here to have found a workable solution that hits a powerful yet unnamed problem, a spiritual and intellectual challenge that arises from the coupling of virtual growth, with a real existing remuneration system, is asked to give an answer!!!

If we think of the virtual growth in the digital environment of a virtual world takes place, in which the propagation of information in 2011 is around 1.8 Zetabyte, representing a number with 21 zeros, then we can easily imagine what happens when an economic system would work on the basis of the virtual real growth to this extent.

The result would be a size of the production activity and the 'virtual' results on the basis of the digital inputs of the citizens which would find a form of the real conversion still less than today.

The pure number of the virtual products and results in astronomical regions would make a conversion impossible.

Even if we solve the astronautics to other planets and have found other inhabitable planets, the mathematical size of the neurally working spiritual group will cross with closer looking the Parametrisierung and indexing of the universal dimensions.

With it is meant: Today the number of the stars detectable with our telescopes becomes with 70 Trilliarden, thus of 7 with 22 zeros given and the aggressive development comparatively seen in addition of the humanely generated information, in the spiritual, digital space, besides, is to be made up in this dimension.

From this comparison, serious consequences arise:

The decoupling of the production of virtual products from intellectual activity in the implementation of a physical layer and the decoupling of pay based on a rating system.

The intellectual and technical process of humanity includes a direction that has catapulted us into these problem areas, but we are not prepared for it and find it very difficult to put the phenomena and events in a meaningful, sensible relationship.

No matter what options we consider, for example one that assumes that only a small number of virtual to physical implementation results go, we have here to do with a very complex and far-reaching problem!

And then, of course, considering the quality of the results and their current feasibility! And the general question of a required implementation of virtual manufacturing into real products.

Why even think in that direction, we have the same results in the virtual digital space and why not let them grow there to consume them there!

**Spontaneously after these first considerations the demand of the basic protection of the cosmopolites moves into a new foreground, without every demand in consideration in the form of work. To find a remuneration for virtual growth, in this earthly-material frame, appears to be impossible.**

**The independent basic security, limited to the sum without consideration, would get an economic cycle maintains that constitutes a consumption quantity that depends mainly on the number of people.**

**We would, however, still continue to face the problems associated with a cyclical fiscal and monetary system, with interest and Zinzes interest, with levers and cash accumulation.**

**Parallel to this basic security we use a global internet-based online portal through which all people who can read and write, regardless of occupation and education can enter their suggestions for projects, tasks, activities and solutions.**

**In this way, a pool of knowledge and solution of power and dimension of global networking and collaboration is the working process to eliminate the limitations of policy.**

Everything what politics and media say, considering further growth, for so-called savings and structural reforms in this world, is superficial and contraproductively in relation to the content requirements we need and have to achieve in reality.

The real needs arise in the consideration of the deeper levels affecting our development.

The growth and the appreciations of value were always, in the historical development of the humanity, afflicted with a 'virtual' and fictive quality. Only this has barely struck somebody as long as the world population was low and allowed the planetare frame materialisierung of the appreciations of value.

Now time has come, that all humans solve the problems in and with peace and prevent the third world war.

Munich, 12.12.2012

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My graphic illustrate our system state in a modern view:



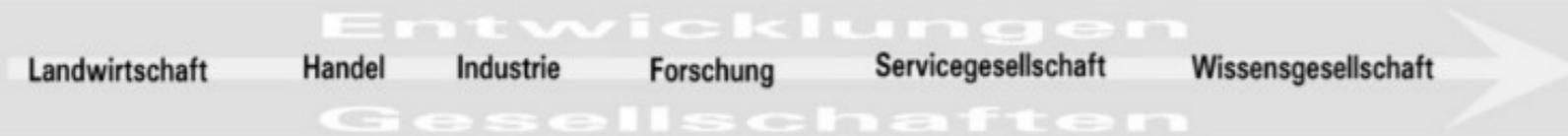
**Beschreibung und Lösung der globalen Systemprobleme in 2013**



## Lösung der globalen Systemprobleme in 2013

### Maßnahmen:

- Bürger erzeugen Projekte, Aufgaben, Tätigkeiten und Lösungen selbst über Kollaboration
- Entwicklung und Entlohnung für globale virtuelle Produktionstätigkeiten
- Kombination mit Grundsicherung für alle Bürger
- Abschaffung des Investmentbankings
- Einsetzen einer internationalen Kooperation für die Analyse der Weltsystemkrise
- Neue Konzepte und Systeme für die Geldschöpfung
- Entkopplung der Geldschöpfung von der Politik (Dezentralisierung)
- Globale Währungsreform auf Basis der Ergebnisse aus internationaler Kooperation
- Globale Reform der Finanzsysteme
- Entwicklung der direkten Demokratie

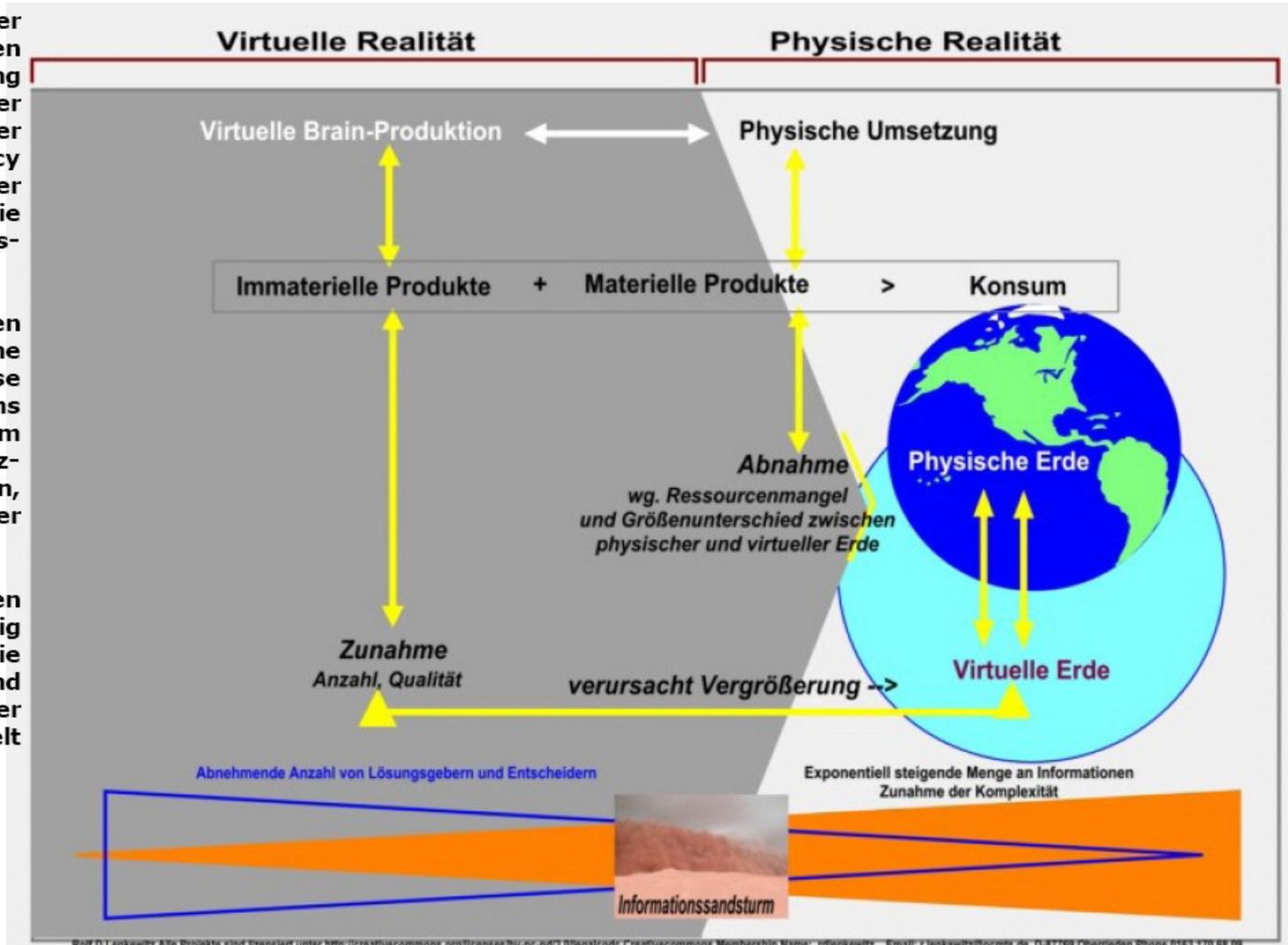


7 Mrd. Menschen >

Die eigentlichen Ursachen der Finanzkrise liegen in der geistigen Entwicklung und der Vernetzung der Menschheit hin zu einer virtuellen Existenz, einer virtuellen Erde. Liquid democracy ist das logische Ergebnis der informationellen Entwicklung, die Antwort auf den Informations-sandsturm, der uns überflutet.

Die Entwicklung der exotischen Investmentprodukte, die für eine gierige und grenzenlose Vermehrung fiktiven Reichtums steht paßt nicht mit einem historisch gewachsenen Finanz- und Währungssystem zusammen, dass in erster Linie in der physischen Erde verankert ist.

Mit dieser diagnostizierten Entwicklung muss, unabhängig von der Weltsystemkrise, die Zukunftsfähigkeit der Finanz- und Währungssysteme in ihrer jetzigen Ausprägung, bezweifelt werden.



*Schließlich können wir nicht in einer virtuellen Dimension Gewinne erzeugen, in einer Höhe, die über die maximale Werthaltigkeit der Erde soweit hinaus reicht, das Sie nicht gedeckt sind, um dann anschließend einkaufen zu gehen.*

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