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# Smart Investments in the field of innovative entrepreneurship in my concept for economic efficiency and energetic efficiency

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**Abstract**
In my opinion, smart investments in the field of innovative entrepreneurship for economic efficiency and energetic efficiency can be for example free energy devices based on Tesla, Coanda and Faraday ideas(induction generators with prime movers with neodym magnets, Faraday rotors Cages and excited Leyda capacitors) and also based on Atlantis technology free energy devices, Climeworks green chemistry devices, triboelectric nanogenerators, crystal devices based on Atlantis technology, Hutchinson effect free energy devices(anticovid 19) in the common aim to obtain economic and energetic efficiency and econometric models of innovation process based on free energy devices. Econometric models used to demonstrate this type of smart investments can be integrated in Schumpeterian Business Cycles, Romer Innovation Model, Lucas econometric model, Jan Tinbergen Econometric model for technical progress with trend analysis, Cobb Douglas and Solow Production Function and Acs Innovation Growth of the Cities book based also on econometric models mentioned above and other econometric models like Solow Endogenous Growth Model and also from the book of Henri Bergson, L'evolution creatrice sur site persee.fr collections and with Francois Perroux Les Techniques quantitatives de la planification pour les industries modernes et innovatoires and with Robert Gordon and William Jevons Paradox we can do a visionary econometric model for nowdays for economic efficiency and energetic efficiency with zero emissions of CO2 by smart investments described as free energy devices.

Keywords: smart investments, free energy devices, energetic efficiency, economic efficiency

JEL Classification> C22, O30, O35

## 1. Introduction(Literature Review)

As we said in our abstract in the field of technical progress can be smart investments nowdays free energy devices for economic efficiency and energetic efficiency zero CO2 emissions based on Tesla, Coanda and Faraday ideas and also Climeworks green chemistry devices, triboelectric nanogenerators and Hutchinson effect free energy devices anti-covid 19, Atlantis technology free energy devices by crystal devices.

In this way we must consider the fact that international literature review can mention some books like:

- The World of Free Energy Devices by Free Energy Technologies author Jeane Manning on google academic;

- Free Energy and the White Dove, author Nikola Tesla on google academic;
- The Manual of Free Energy Devices(…) on google academic;
- Synchronous generators, Electrical Generators Handbook, author Ion Boldea, New York Edition 2016 on google academic;
- The Magnet Motor: Making Free Energy Yourself, author Patrick Weinand on google academic;
- Greenly Magazine about free energy as future energy, author Conf.univ. Valentina Manoiu, Bucharest University, Geography Faculty;
- Innovations for 3rd Millenium, Henri Coanda on google academic;
- Faraday Cage on google academic and web of science;
- Backwardation to Atlantis Technology and Atlantis Civilization, Miracle Publishing House on google academic;
- Georgia Tech Review, Triboelectric nanogenerators boost Mass Spectometry Performance, author John Toon, Feb.27, 2017, section Science and Technology;
- Hutchinson effect free energy devices anti-covid 19 on google academic;
- Climeworrks firm for CO2 pollution capture green chemistry devices on google academic;

The books mentioned above are very important for us to define sharply(exactly) the role of smart investments nowdays for economic efficiency and energetic efficiency by free energy devices with zero emissions CO2 using the ideas from Nikola Tesla, Michael Faraday and Henri Coanda and Atlantis technology and also from Georgia University USA using triboelectric nanogenerators also for economic and energetic efficiency and from the firm Climeworks using green chemistry devices to capture the CO2 emissions in the atmosfere and also during pandemic covid 19 crisis using ideas of Hutchinson effect devices.

## 2. Methodology

Econometric models used to demonstrate this type of smart investments can be for example Schumpeterian Business Cycles, Romer Innovation Model, Lucas Econometric Model, Jan Tinbergen Econometric Model for technical progress with trend analysis, Cobb Douglas and Solow Production Function and Zoltan Acs Innovation Growth of the Cities book based also on other econometric models like Solow Endogenous Growth Model and also from the book of Henri Bergson, L'evolution creatrice sur site persee.fr collections and also with Francois Perroux Les Techniques quantitatives de la planification pour les industries modernes et innovatoires and with Robert Gordon and William Jevons Paradox we can do a visionary econometric model for nowdays world of innovation with economic efficiency and energetic efficiency with zero emissions of CO2 by smart investments described as free energy devices.
In this way starting with Schumpeterian Business Cycles we must say also that Schumpeterian Theory of Economic Development can be a very good example to describe the world of innovation in our century.
According to Harvard Business School .. an early champion of entrepreneurial profit, Schumpeter argues that in a developing economy where an innovation prompts a new business to replace the old (a process Schumpeter later called "Creative Destruction"), booms and recessions are, in fact, inevitable and cannot be removed or corrected without thwarting the creation of new wealth through innovation."

Romer econometric formula is described below for our world of innovation by free energy devices:

$$Y = L_Y^{1-\alpha}\left(x_1^{\alpha} + x_2^{\alpha} + .... + x_A^{\alpha}\right) = L_Y^{1-\alpha}\sum_{i=1}^{A} x_i^{\alpha}$$

where :

Y means aggregate production in our study of smart investments such free energy devices for economic and energetic efficiency;

Ly means number of innovative entrepreneurs that is operating with free energy devices for economic and energetic efficiency;

1- α means the factor of technical progress or innovation factor by individual capital goods of each innovative entrepreneur in the case of free energy devices;

$x_{1+\ldots+}x_A$ means different types of capital goods cumullated for each innovative entrepreneur in the case of free energy devices;

$0<\alpha<1$

Another econometric model for the innovation world with free energy devices we can consider also Solow production function below:

$$\frac{Y}{L_Y} = \left(\frac{K}{Y}\right)^{\frac{\alpha}{1-\alpha}} A$$

and use the fact that $L_Y = (1 - s_A)L$ to get

$$\frac{Y}{L} = (1 - s_A)\left(\frac{K}{Y}\right)^{\frac{\alpha}{1-\alpha}} A$$

where the difference from previous econometric model Romer for our world of innovation by free energy devices consists of $s_A$ the steady state of growing economy by innovative entrepreneurs in this field.

K is the initial capital for innovative entrepreneur in the world of free energy devices as smart investments;
Y is the aggregate production for each innovative entrepreneur in the world of free energy devices as smart investments;
α is the technical progress factor or innovation factor by free energy devices;

Complementary to Solow production function we must say that Cobb Douglas production function can be also integrated as econometric model of innovation nowdays and tomorrow world by free energy devices with innovative entrepreneurs in steady state of growing economy and with estimated technical progress such as:

Cobb Douglas production function formula

$$\lambda\left(\frac{\dot{s}_A}{s_A} + \frac{\dot{L}}{L}\right) - (1 - \phi)\frac{\dot{A}}{A} = 0$$

where :
λ means the parameter that can diminish the marginal productivity for each innovative entrepreneur in the world of free energy devices;

φ means the effect of the innovative entrepreneurs for technical progress by free energy devices as smart investments.

According the econometric model of Lucas for the innovation world of free energy devices the Wikipedia tell us that ,,The Lucas critique is, in essence, a negative result. It tells economists, primarily, how *not* to do economic analysis. The Lucas critique suggests that if we want to predict the effect of a policy experiment, we should model the "deep parameters" (relating to preferences, technology, and resource constraints) that are assumed to govern *individual* behavior: so-called "microfoundations." If these models can account for observed empirical regularities, we can then predict what individuals will do, *taking into account* the change in policy, and then aggregate the individual decisions to calculate the macroeconomic effects of the policy change.[4]

Shortly after the publication of Lucas's article, Kydland and Prescott published the article "Rules rather than Discretion: The Inconsistency of Optimal Plans", where they not only described general structures where short-term benefits are negated in the future through changes in expectations, but also how time consistency might overcome such instances.[5] That article and subsequent research led to a positive research program for how to do dynamic, quantitative economics.[6]

The Lucas critique was an important methodological innovation. It does not invalidate that fiscal policy may be countercyclical, which some associate with John Maynard Keynes.''

## 3. Conclusions

As I had mentioned in my abstract, in introduction and in the methodology there are some conclusions such as:

In my opinion, smart investments could be integrated in European Green Deal by free energy devices based on Tesla, Coanda, Faraday and Atlantis technology ideas for economic and energetic efficiency with zero CO2 emissions but also free energy devices using green chemistry like triboelectric nanogenerators, Climeworks green chemistry devices for CO2 emissions capture, Hutchinson effect devices for pandemic crisis anti-covid 19 etc.

Econometric models used to demonstrate this type of smart investments can be integrated in the New European Green Deal are: The Schumpeterian Business Cycles, Romer Innovation Model, Lucas econometric model known also as Lucas Critique, Jan Tinbergen Econometric model for technical progress with trend analysis, Cobb Douglas and Solow Production Function and Acs Innovation Growth of the Cities book based and other econometric models like Solow Endogenous Growth Model and also from the book of Henri Bergson, L'evolution creatrice sur site persee.fr collections and with Francois Perroux Les Techniques quantitatives de la planification pour les industries modernes et innovatoires and with Robert Gordon and William Jevons Paradox we can do a visionary econometric model for nowdays for example for economic efficiency and energetic efficiency with zero emissions of CO2 by smart investments described as free energy devices.

## References:


1. Ion Boldea, Syncronous generators, New York Edition 2016.
2. The World of Free Energy Devices by Free Energy Technologies author Jeane Manning;
3. Free Energy and the White Dove, author Nikola Tesla;
4. The Manual of Free Energy Devices(…);
5. Synchronous generators, Electrical Generators Handbook, author Ion Boldea;
6. The Magnet Motor: Making Free Energy Yourself, author Patrick Weinand;
7. Innovations for 3rd Millenium, Henri Coanda;
8. Faraday Cage on google academic and web of science;
9. Backwardation to Atlantis Technology and Atlantis Civilization, Miracle Publishing House;
10. Georgia Tech Review, Triboelectric nanogenerators boost Mass Spectometry Performance, author John Toon, Feb.27, 2017, section Science and Technology;
11. Greenly Magazine about free energy, author Valentina Mănoiu, Geography Faculty, Bucharest University;
12. Solow Production Function on google academic;
13. Cobb Douglas Production Function on google academic;

14. Romer Innovation Econometric Model with Endogenous Growth Model on google academic;
15. Lucas Critique as econometric model on google academic;
16. Jevons Paradox on google academic;
17. Robert Gordon Innovation Paradox on google academic;
18. Jan Tinbergen, L'économétrie, Armand Collin Edition Paris 1954;
19. Henri Bergson, L'évolution creatrice sur site persee.fr/collections;
20. Francois Perroux, Les techniques quantitatives de la planification, Ed. P.U.F, Paris, 1965;
21. Hutchinson effect devices anti-pandemic covid 19 crisis on google academic;
22. Climeworks firms devices as green chemistry devices to capture CO2 emissions in atmosphere on google academic