

Energy is a universal exchange currency and may have to be the next global currency for a long time.

Abstract:

Here we talk about energy as a new currency, because it is an absolute global value of things that can be exchanged and converted thanks to the progress of sciences. We also suggest the equation “energy given = energy received” to be installed all around the world as a law, so that people stop cheating and so that people deserve what they get. The idea of this article requires the global shared work of physicists, mathematicians, chemists, presidents, governments, any people wishing to help, to establish equality, fairness and peace all around the world.

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1. Introduction:

Is energy the only money of exchange that can be valuable today? The answer may be yes because energy may be an absolute value, that can be, everything.

Energy can be this feeling of heat, coldness, power or capacity and that may be shared by everyone, everywhere, everything, and energy may be first of all a sensation that we experiment: « I have some energy ».

If one day, we come to exchange energy instead of money, we may wonder if the quantity of energy is infinite on Earth, or in the universe because we may lack of it.

Is energy infinite in quantity on Earth or in the universe? I found a positive argument saying that the universe is infinite so that energy could be infinite in the universe: there are always something we don't know consciously, and there may be something after the limit of the universe we imagine because a limit separates two things. If there is always something after the limit, there could always be more energy. And so, the energy of the universe would be infinite. If the energy of universe is infinite, it may be infinite where we are and I think it's the case.

Why not installing a better way of exchange if there is one? Giving the possibility to anyone, to gain all sorts of energies with the amount that is possible for anyone to give? With a simple law, a simple equation, a simple rule: you get what you give and because everything is convertible into energy and energy is convertible into anything, you could have what you need, after conversion.

Energy may be the real value of each thing. Things could be more precisely evaluated, more deeply understood, more sincerely done and exchanged, or just simply, more real.

Let me show you why it may have to be the only money of exchange, and how to exchange energy. I do not pretend that it is the only way of exchange, but it may be really simple, real, and connected to reality.

2. Let's talk a bit of energy.

What are we talking about? What is energy?

The energy is one characteristic of the nature, of the things of the nature, of the universe, that links everything. Let me explain.

Some have studied and study nature, to see if there is logic in it, to understand it. And one day, the humanity invented the concept of energy, and the measure of energy in things. So, what is energy? The meaning of energy may, in reality, be accessible to everyone. It quantifies the capacity of the object that has the energy we're talking about, to modify its environment. The more energy the object has, the more it can change its environment. It can be hard to be conscious of an energy, to

know what is energy, to describe it. Energy may be estimated as a quantity. You may totally describe the thing of the nature you are dealing with only with its energy, and it may always be possible to estimate the quantity of energy of this thing.

3. What is a measure of energy? How can we measure energy?

We can all observe that some things exist, beginning by ourselves. And that some things can be measured, like length with meters, or mass with kilos. These measures seem to be always approximative but may be precise, and we may be able to do good approximations of these measures if we have good references to be based on. But what is a reference?

If you have a stick as a length reference, then, you may be able to measure every length in the nature with the stick. That's the definition of a reference, something that is present in the nature that you can separate from the rest and that has a characteristic that is reproducible. And we would say, this things has such quantity of meter(s).

This may also be possible with energy. Energy may have to be firstly recognizable when we talk about it. That's why it may have a unity written next to the amount of energy, to recognize it. The unity of something is a qualifying thing of it. It may be like an adjective put next to the word we describe with. So, we could say that if this thing has some energy, then it is qualified with a certain amount of joules (Joule's the name of a person). And one joule could be the reference to count energy of everything that is real.

But energy may not be simple as meter to be measured. Because energy is a mixed thing of others things, others amounts of quantities. It has been established that a joule equals a multiplication of a kilo by a meter by another meter divided by a second divided by another second by but this may change and there may be other definitions of energy. We can see here, that we also invented the value of things, the cost meaning of things. But do things have values? Each one knows that the answer to this question can change from a person to another.

While studying nature, some may have found some logic in it, but this logic was also based on references. For exemple, one reference is this fact: if two elements are the same, and if one of these two elements equals to another one, then the three are the

same. This reference, as others, are supposed, and are supposed not to change. Some found links between measures of nature and these links were written. For some approximate examples of links, if the tiger is scared, he may attack (link between scare and attacking), or if I am heavier than you, I may be more fat than you (link between weight and form).

Men tried to write these links of nature, to remember it. And they attached names to things of the nature, to be able to talk about it (like tiger, door, weight, food, energy). They also invented different names for characteristics of things of the nature, for measuring it (like numbers, meters, seconds, kilos, joules).

The links that they observed are written throughout equations. An equation is a written line with this sign in the center = of the equation. This sign links what is left and what is right to the sign. If what is right is the same that what is left, then we write the same thing on the right and on the left of the sign. The sign = is the « equal sign ».

Usually, if one of the two measures changes written on each side of the sign =, the other changes.

If the beauty of a man can be the same beauty of woman, we could name « Bm » the beauty of a man, and « Bw » the beauty of the woman, and write : $Bm = Bw$

If the energy of a man can be the same of the energy of a woman, we could name « Em » the energy of the man, and « Ew » the energy of the woman, and write : $Em = Ew$.

And energy, as part of nature, can be linked to matter, to movement, to anything, throughout equations.

We know how to measure electricity, conductivity, mass, speed, light, and a lot of physical and chemical values and we have to synthesise all these things, all the formulae of physics and chemistry that deal with energy to quantify the value of the objects of the nature.

For example, we know that a molecule of water costs approximately 23300 Joules, or 23.3 kJoules. And that there is approximately 33 500 000 000 000 000 000 000 000 molecules of water in one litre, so that makes 780 200 000 000 000 000 000 000 000 Joules for one litre of water.

single piece of our world, our universe deals with energy. All physics deal with energy. All the chemistry deals with energy. All the informations deal with energy. That's what the actual science says. So, that's why we could have energy accounts, based on the reality of nature, of the world that surrounds us.

5. Why energy has to be the money of exchange?

Because the declaration of human rights requires equality for mankind.

Because it is an absolute value. Because everything has its equivalent into energy. That's why everything can be converted into a certain amount of energy, so that we can exchange real things.

The thing is that we are together, living on this planet. And that, one day, the sun that is providing us energy will not last forever. So we have to reduce our needs.

Because energy is infinite to me, maybe the whole problem of economizing energy has a solution: it's infinite.

Maybe even because the infinity has been invented, energy is infinite.

Why not installing this way of exchange? Giving the possibility to anyone, to gain some energy with the amount that is possible for anyone to give?

6. How to exchange energy equally?

By following this simple equation:

$$\text{energy given} = \text{energy received}$$

$$(eg = er, \text{ or } eger)$$

The world lives a severe crisis. This idea could change its future.

It is simple and implies a lot of scientific work about energy. We have to quantify the energy of all the people that are working. We have to quantify their work, in every domain, everywhere on Earth. We can begin by approximations, but we have to be extremely precise so that no one can be cheated, and no one can cheat. We may have

to invent machines, tools, estimations, measuring the energy consumed by any type of activity of any kind: physical, intellectual, emotional, spiritual...

Once this is done, everything has an amount of energy corresponding and everything can be exchanged in a fair way. People spend their energy at work and we grant them of the amount of energy they spent on their energetic accounts in Joules. We can also print bills and make coins of energy, that will not change the value of things, and that won't allow speculation.

This is a radical change in society and in minds, and in the equality and quality of the world that is about to come. This is also radical life style change that is about to come. It will deeply change our relations, our conceptions of work, and make it more clear, more fair, more connected to what is real, or just, more normal.

7. How to make humanity adopt this equation?

By making everyone understanding that, because everyone can spend some energy, everyone can eat, build a house, and earn a place to live correctly, or have a worth education.

By making all the governments of everywhere understand that this system may fit with any kind of political view that wants equality among humanity, in a basic needs point of view.

By sharing this article or more importantly its idea as much as possible, by talking about it, maybe, even if you're not interested in.

By researching all the ideas, all the tips, all the ways and tools that will allow us to quantify energy of all sorts of works, energy of food, water, and one day, maybe, love.

By sending me mails of researchers that are interested in this project to help me quantify energies of everything.

By making informatics simulations of global systems dealing with energy and exchanging it and sending it to me and sharing it.

By any other idea that could help in any way.

You wanna help the project? Send an email to: thomaslover@ntymail.com And feel free to leave or send any improvement comment.

THOMAS BROUARD

I am looking for devoted and faithful associates from all over the world, to establish this equation of equality in the world: geniuses, communicators, physicists, chemists, mathematicians.