

This is a discussion paper
on energy and power, called:

What do you think about?

It is a compelling subject. Just what do people think about beyond the mundane of everyday life? What is it that occupies our consciousness? With the vast majority of our thoughts being repetitious. With such things as getting dressed, eating breakfast, and our daily work routine. New thought, or as we commonly call it, innovation, is rare. Our society, in fact the human condition is such that we admire and uphold those individuals that create new, or original, thought. Often paying vast amounts of money for original art or a new device, a new music script or new medication.

As adults, as much as ninety nine percent of our thought on any given day is repetitious. Those who are younger and still in school, experience the thrill of experiencing something new to them, but it has still been thought of before. It's true, original thought is hard to come by and when it does happen it is often celebrated.

We have many distractions in our thoughts. Poverty, politics, sports, religion, race, education and war all play a role in what we think about. For many survival is all they have time for. It occupies all of their thought. No time for the luxury of thinking of what is possible. What if? Of course any new thought has to be proven to be true. A new sculpture must be pleasing to the eye, music to the ear, a new device must be efficient and a new theory must be proven by mathematics and science. But still without the original idea, all the math and science in the world will not be able to accomplish the same. It is the theory, if proven right, that has all the value. Not just in monetary terms but in health, environmental, and societal advancement. Human advancement.

So much value has been attached to innovation that it has generated an economic industry for the protection of intellectual property (new thought). In our society, innovation equals equity, which needs protection. Getting a patent in one or more of the world's largest economies is the standard way to do that. But what if you wanted to protect the intellectual property and not gain economic value. Protect the value so it could be shared by all humanity. Even though, removing the economic value from innovation could undermine current financial norms.

Over the course of history there have been many great theorists, too many to list here but we all know them, Leonardo Da Vinci, Einstein, Marconi and Bell just to name a few. These are people I call, Conceptual Theorists. You might call them highly educated, intellectuals or even geniuses. But it is conceptual theory that they all share. The art of professional day dreaming. What if? It is important to note that conceptual theory really has no connection to higher education, though some education is required. As many of history's great conceptual theorists did not have what today would be call a higher education. It could be said that education often puts blinders on our ability to see beyond what is right in front of us. It teaches us what is and is

not possible. Although, it takes an education to know what to do with a theory. But still, without the original theory, all the education in the world will not be able to accomplish the same.

Conceptual Theorists. Where do they come from? Who are they? And why do we not hear from them more often? There are many reasons for that. Some never get the chance to be heard, some die young, but for the most part they are in the wrong place at the wrong time. It has been suggested that with a population of seven billion people there should be three to seven such individuals at any given time. Individuals that are far ahead of their time and may not be understood. Or worse yet, ignored. As many of the theories or ideas of a Conceptual Theorist are interruptive technologies. Think of the financial and social up set if we had something to replace oil. Another molecular fuel available to everyone on an equitable basis. Such a fuel would have the potential to bring down conventional financial systems. A true Pandora's Box.

These individuals are cultivated by the society in which they live. Usually it is a time of peace and prosperity with other cultural and civic developments happening. Most have a basic education and free time. Meaning that they are not distracted by civil unrest or survival or the social and religious parameters imposed on us.

Conceptual Theorists change the world. They advance the human race. They have given us such things as, leisure time, ability to travel, and of course, medicine. But not all great innovation is for the good of mankind. On one hand we have nuclear energy, on the other we have nuclear weapons. So it can not be the responsibility of the theorist as to what mankind does with a concept. The conceptual theorist's only responsibility is to communicate the concept. Whether it is heard is another matter.

As a Species, we have free will. With the power of deduction and analysis and are able to manipulate our environment. There is no limit to what we can achieve but all too often we get stuck on a concept and can't see a way past. For example; ever since the Wright Brothers flew their plane, all planes to this day have a tail wing (rudder). That is interesting because, Birds don't have a rudder and are able to achieve greater aerodynamics than a jet or plane could ever hope to accomplish. Imagine the advantage a fighter jet would have without a tail to induce drag. Again, ever since the launch of the first missile, there has never been a second step in the advancement in the technology, so our astronauts are still riding on the back of a Roman Candle to get into space. You can't really think that is the definitive way to get there. How do you refuel a rocket on Mars or in space? How can we come and go through our atmosphere at will and in safely? And yet, many of us believe we are meant to be in space.

Conceptual Theorists can and will answer all these questions. Most Theorists have singular interests like the shape of a wing or the mysterious effects of electricity or why mold on citrus seemed to keep sailors healthy, others are capable of multiple disciplines. The one thing that they all have in common is the ability to see through all the confusion and distractions of their minds. They have the focus and the desire to create. Creativeness, Imagination, Wonder and an Understanding of Physics and what is and is not Physically possible. There are properties and

physics that dictate our universe. However, the multiples of combinations are endless.

You can't shoot the messenger. Conceptual Theorists are messengers who at different intervals of time, deliver what it is we need to know. It is a progression that never stops there is no end to intellect. It invokes the concept that all knowledge is known, preprogrammed, and life is a process of unlocking that knowledge. Being the messenger isn't always easy. Those who said that the earth was round were scorned. Galileo was vilified and jailed when he illustrated that the earth rotated around the sun.

Ever since a Popular Mechanics magazine came out in the early sixties, I have been fascinated by design. It was the copy with the train, car and plane on the front cover. All were designed in an art deco style. To a young boy it was the stuff of imagination. Thinking of who got to make these designs and why that shape? I was hooked and couldn't stop thinking about design and function ever since. Not realizing it until much later in life it came to be a conceptual imagination that can conceive of the most incredible theoretical concepts. Speciality - Energy and Power and its Transmission. The creation of power and its transmission or conversion. There is no shortage of power, it is everywhere.

There are many forms of power. Human power, horse power and so on to water, steam, wind, solar, oil, coal and tidal to name a few. The concept of power is to extract the energy from these different forces and convert that energy into consistent and dependable power that helps our daily lives. Without harming our environment. Forces can be consistent or intermittent, solar, wind and tidal are examples of intermittent forces. A good example of a consistent forces would be a river, always in one direction and at a dependable rate. So for example; why would you flood a valley or put a tidal generator in the ocean, when a river flows at a constant rate in a consistent direction? We are stuck on the notion that we need small amounts of water at high pressure to create hydro. When large amounts of water at low pressure will do the same thing.

Many times a conceptual theory will be the result of a deliberate train of thought and at others it could be an insight following a tragedy creating the inspiration to do better. Sometimes the task takes years, at others it comes instantly. There is no real process and it does not come on command. And yet we are all capable of being a Conceptual Theorist.

To a conceptual theorist there is a fundamental Law of Life that helps find the way forward. It is called the, "Law of Provision and Proportion" It is not by coincidence that all minerals and materials that we need in life are provided and in proportion to that required. All things in life are provided as we need them. Concrete, steel, aluminum. silica for glass, gold, copper and rare metals. Therefore, if all things are provided in the present then all things will be provided in the future. Meaning that when a need is required the need will be provided.

If we need a clean fuel then there is a clean fuel. If we need to be in Space then there is a safe way to get there. You just have to believe in the Law of Proportion and Provision and the answer will come to you because it's there, it's provided.

We all know that oil is not the answer to our future needs. It pollutes too much and is in limited quantity making it too expensive. More importantly to a conceptual theorist is that it will only last another fifty years or so. And then what? The Law says that there will be something else that will replace oil. Well there is and it has come now for a reason, because we are coming to the end of oil. A new technology will require several decades of overlap covering the change from oil to the new system and that is now.

When asked the question. What do I think about? This is what I think about and I am fortunate to have the time to do it. Now for more the five decades.

The above is an attempt to explain how it is possible that a lay person outside of any particular field of expertise can somehow come up with a theory that has stymied others, some of whom are experts in their own fields. It wouldn't be uncommon for an engineer to tell a tradesman that they could not accomplish an engineering task when it was already accomplished. At times it can be very hard to be heard over the din of life.

Who do you tell when you know, truly know, when you are right about something. Say something that would make flooding of the Peace River valley unnecessary. What if you knew how to increase hydro production by five hundred percent without damming rivers. Hydro projects that could be every kilometer of every river. Without stopping, changing or polluting the river. Very little environmental impact, out of sight and no impact on fish or shipping. And with next to no environmental footprint. Wouldn't you want to know if someone knew?

What if you knew about things like better propulsion systems for ships and submarines, or could reduce the human effort to peddle a bicycle by twenty percent? Improve solar systems by four hundred percent, or remove the rudder from an aircraft?

What would happen if there was a missed molecular fuel source? In the rush from wood to coal to wind to oil to nuclear back to wind and onto solar, we missed one. And now it's too late to go back and could be too expensive. But would you still want to know? What if you knew how to build an engine that was inversely proportional to the load than that of a conventional engine. In other words an engine bigger than the truck or the plane. An engine that had one hundred thousand horse power. Not a typical engine as we know them to day, but one with no lubricants, no bearings no fuel pumps, no crank shaft. A Piston driven engine with only one moving part, one hundred pistons, one hundred and one moving parts. Two hundred pistons, two hundred and one moving parts.

What if you knew how to plug a deepsea high pressure oil well eruption twenty minutes after the well head was cut clean, or make a rescue hovercraft obsolete with a watercraft that was faster, safer and ran on half of the fuel? Or house the populations throughout the tropics in houses that were locally made, affordable and impervious to rot, insects and weather. What if you knew the environmental trigger for Multiple Sclerosis? How many people could you help if you could be

heard?

What if you knew all this and more. Didn't fully understand why, but felt a deep conviction to share the knowledge. How would you do it? By this time I have questioned myself a thousand times and always come up with the same answer. The probability of being right on one or more concept is quite high. Since by this time I have learned to communicate, draw and have made prototypes and gained and lost patent pending.

What if you could share a definitive mind's eye view of spirituality? One so simple everyone could understand from the youngest age. Or explain the shape of our universe, the cosmos, black holes, wormholes, time travel and where to find the parallel universe. Even though we would never be able to see it until we were there.

Is it too much for one person to know? Is it even possible for someone to know of these things? It is, because it is only conceptual theory. It is one thing to know of them and another to know about them. To know of them is just one small aspect, to know about them takes mathematics, science, chemistry and engineers.

There it is. Is anyone interested in knowing? And how do I tell you? I would prefer to maintain my privacy and be left alone but feel compelled to pass on the information. It's hard to stand by and watch all the damage to our only home. I do not even wish for fortune as I am already one of the planet's richest people. Being born Canadian and being healthy and educated.

It is easy to find people who will say the theories are wrong. What is needed are those who want to prove the theories are Not Wrong. Understanding this is not for fortune, this is for our environment, our world. To stop the pollution and save our environment. To bring equity and energy to everyone. And to dream about, what if we could do it better.

After the fact, Conceptual Theory often looks like the obvious. Here is an example of a theory that science has yet to prove but is still obvious once you hear it. It may be difficult for you to believe that we can live in such a modern world without knowing some of the most fundamental aspects of our environment, think of this.

Every inboard and outboard gas engine on every boat in north America, hundreds of thousands of them, dispels its exhaust gases out through the leg of the motor and out through the propeller shaft while the propeller is turning. This process mixes the hydrocarbons and gases like carbon dioxide into the water at a level of very fine particulate. Suspending these pollutants in the water. Every one of these types of motors on every river, lake and ocean is polluting a finite environment. Then all those pollutants wash out of places like Shuswap Lake and Osoyoos Lake after three months of continuous polluting by thousands of boats, when the fall rains wash it down our rivers. Killing our salmon and likely contributing to the warming the oceans as carbon dioxide does in the atmosphere.

With all the scientist, environmentalist and government agencies involved with issues of pollution and global warming and you first heard about this issue from this discussion paper. The environmental movement has never raise the issue. Yes, it will be expensive, but that industry and that practice has to change. It is no different then putting the exhaust pipe into your environment or your home. We are having too much fun to see past the reality of our actions.

Being a Spiritual person I believe in not forcing change as it will come soon enough. The answers are not always what we want or had hoped for but they are better than what we are doing now. Change creates uncertainty but in this case change is going to come whether we want it or not. Because life has provided the answers and in abundance just when we need it the most.

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