

*H3*  
*Operations*



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## Executive Summary

This operation is all about a new approach to the world's problems that will actually solve them. An approach that makes money rather than costs money as it solves our biggest problems. It has been under development since the early nineties.

Inside this information document you will find eleven sections, and contained in these sections is the full extent of the H3 operations (in waiting) as at the 1st July 2009. There have been many additions in the twelve months to June 2010, but the additional book ttk ohtk tks and mks is the only one to be added. On the H3 website you will find discussion papers, extracts from the books and a proof document, which reveals the secrets behind many technologies and reforms.

The Global Reforms are the most important part of this operation and there are currently twenty-six reforms in the H3 agenda. They will more than double the size of the global economy as they are solving many of the world's biggest problems. Everything inside H3 operations is there to serve the global reforms.

In H3 Literature there are five books that have been published. Two of the books have been published without authorship.

There are four technology sections and they are rated from Settled to Pure Concept. There are forty on the Settled list. There are eighteen on the Mostly Settled list. There are ten on the Part Concept list. And there are thirteen on the Pure Concept list.

The Commercial Operations is how we're going to pay for all of this and there are fifteen corporate entities inside H3. They are all underwritten by dominating technology and will operate in more than a dozen of the biggest industries in the world. All will operate globally. There is also one established public company to be acquired.

The Non-Commercial Operations is how we're going to do all of this and there are seven different entities inside H3, each with their own part of the objective that will accomplish the whole. The Central H3 Operations is an eighth entity with the biggest jobs of all.

There are five different Research Organizations that will each have a specific array of research foci in over a dozen different areas.

The Principal H3 Concepts are the threads that bind the entire operation together and there are currently fifteen. In a comprehensive study of this operation these concepts will facilitate an understanding of how and why this operation will work.

There are currently four Additional Elements inside H3 that don't fall into any of the other lists.

## Purpose

Someone once said, “the best way to predict the future is to invent it”, and I agree with this.

I have a vision for the future that increases the size of the global economy by over \$50 Trillion as we are solving many of our biggest environmental and sociological problems.

All of the biggest problems in the world today are solvable, all of them. But they will only be solvable if we start looking at them from an almost opposite point of view to how we’ve viewed them for decades.

The vision I have is not based on a fairytale idea of our society as so many are, it is a vision based on real technological and sociological breakthroughs. It is a vision that requires people to act only as people do in order to get to a very promising future.

In the world I see we are no longer trying to solve our problems with the direct adversarial approach. In the world I see those who would solve our biggest problems understand that people will not support action that will take the food off their table, and their whole approach is predicated on that basis.

The purpose of this operation is to safely transition us into the next age, where war is not as prevalent and people don’t screw each other over for even the tiniest gain. There are many substantial goals for the H3 operation and there are reforms and technology designed to accomplish every single one of them with solutions that work with human nature rather than against it.

1. A complete (COMPLETE) solution to Climate Change.
2. A complete end to native deforestation that will also have a huge impact on Drought regions throughout the world.
3. An end to Overfishing and a reliable management system for the resource.
4. Discontinuing the use of Coal, Oil and Gas as fuel sources, and reforms so the fossil fuel industry will not only support the cessation but prefer it.
5. Wholesale change in Globalisation so that it is no longer exploitative.
6. Reforms that will accelerate the commercial and sociological development of under-developed countries.
7. Reforms that will completely mitigate the huge job loss from our entry into the age of Advanced Robotics, which will be here far sooner than most people realize.
8. United Nations reforms that will transform it into what it was originally meant to be.
9. US Constitutional reforms that will “stop the rot”.
10. Delivery of advanced Education, globally.
11. Transformation of our society into one that has True Universal Healthcare.

12. New Economics and Commerce systems that are more inclusive but will still be acceptable to hardcore capitalists.
13. World Government structures and the development of a World Government movement.
14. Policing and Surveillance reforms that remove a lot of the uncertainty and make it far easier to catch the bad guy.
15. New Judicial systems that compliment the new policing systems.
16. New Corrections Services systems that compliment the new policing and judicial systems, and new prison designs.
17. Agricultural reforms that will be more efficient and productive, and a lot more environmentally friendly than the systems currently in place.
18. Reforms Development Structures that will ensure our sociological development keeps pace with our technological development.

What I see is a world that is no fairytale, and is hard fought. It is a world where we gradually become more peaceful and intellectual. It is a world where we can solve all of our problems by approaching them in ways that run with human nature, rather than against it as all twentieth century “solutions” did. It is a world where we solve our problems with an equal amount of indirect and direct action. It is a world that we will all want to live in, because in the world I see the zero-sum is replaced with the inclusive, and nobody loses.

We cannot just click our fingers *voila*. Our path must be one that those in power will not just accept, but desire.

There is a clear path to achieving all of this with realistic solutions that includes technology, altruistic actions, commercial operations, and political, social and economic reforms that those in power will support after it begins. The path to achieving this vision only requires people to act as people do, sometimes good and sometimes bad, in order for this vision to become a reality.

I would ask you not to balk at this if you cannot grasp the full scope. Nobody could at first glance, but it is something that everybody will grow to understand.

It has taken fifteen years to develop to this extent, and although it is forever evolving, it's now time for action.



*H3*  
*Literature*

Extracts are available from the H3 website and all are viewable on Amazon Inside the Book or on Google Books.

## Add \$50 Trillion and Shake

Add \$50 Trillion and Shake is a non-fiction publication of 170,000 words. It is an introduction to a new approach to world affairs that will actually solve some of our biggest problems. In the very first chapter it gives us the knowledge of how we can solve every single problem in the world. The rest of the book deals with how we can apply this knowledge in the real world; how we can solve our problems by running with and taking account of human nature rather than fighting against it as we always do.

The most materially significant part of the new approach is social, political and economic reforms that will increase the size of the global economy by tens of trillions of dollars. It is utterly impossible for so much new commerce to be ignored; the reforms will be implemented. Add \$50 Trillion and Shake is a handbook for the H3 operation that is not written as a handbook.

## 21<sup>st</sup> Century Testament

The 21<sup>st</sup> Century Testament is a non-fiction of one million words (about the same size as the old and new testaments combined). It is a testament of '57 books' for the modern age that is intended to bridge the gulf between the antiquated doctrine of organized religions and the current era. It deals with the humanities rather than the deity, and is meant to compliment the various scriptures from the many different religions and exist beside them, NOT compete with them. 21<sup>st</sup> Century Testament is a new bible for our times that deals with our existence in this life, this century, and leaves the deity to the scriptures. This testament of '57 books' gives us what we need to live well in this life, but it doesn't preach, and it provides a framework of understanding rather than a rigid set of ideals.

If we are to keep in touch with our spirituality, we are going to need something that can bridge the gap between the antiquated doctrine and the Modern Age, and this is the function of the '57 books' of the 21st Century Testament.

One other very important aspect of the 21st Century Testament is that there is no author. Such an important document, that would be as we would wish it to be, must belong to everybody. To attribute any part of it to an author cheapens it, and it would lose part of its power. None of those who assist in the writing or editing of the 21st Century Testament, including me, will be given credit for the writing. It is a document committed to the human race for the ages, NOT written by a person to be held up as a celebrity.

## Trillion Dollar Prophet

Trillion Dollar Prophet is a collection of hundreds of predictions mostly dealing with the next one hundred years. There is extraordinary detail, and it paints a promising picture of where our society could go if we start moving in the right direction. It does not predict some fantasy Utopia. It predicts a hard fought future that will take us over a thousand years to get to something resembling an ideal society; intellectual, unending physical and mental stimulation, or not, as the individual desires. I'm not going to suggest that I wrote this book (I probably did), but I will qualify that it was formatted for publication by me and that I have the absolute right to ownership of the material.

The book has been formatted as predictions made by some unnamed figure sometime in the last seventy years and instead of predicting doom and gloom as all other "prophecy" books always have, it predicts a promising future that we must fight for. About 110,000 words.

## The Eskimo

The Eskimo is a collection of over a hundred passages of varying sizes that is essentially an addendum to Add \$50 Trillion and Shake. Add \$50 Trillion and Shake gives a reasonably comprehensive overview of what the H3 operation is all about and what it stands for. The Eskimo fills in whatever holes remain in that display. The Eskimo is not for the easily insulted. There is a straight forwardness in Add \$50 Trillion and Shake but it is still a little sugar coated albeit very slightly. The Eskimo has no sugar coating. Add \$50 Trillion and Shake occasionally strays into the area of personal issues but it mostly sticks to the big picture. The Eskimo is saturated in personality and character issues, and without the sugar coating such issues get a bit rough. The Eskimo accurately reflects the views that will drive decision making inside the H3 operation. About 96,000 words.

## ttk, ohtk, tks and mks

This book was written in January 2010 and it is a display of technology and operations, including dozens of illustrations that will show a very different future for us in space. There is NO warp speed or slipstreams or tractor beams, phasers and photon torpedoes. There is just plain vanilla technology that does not require us to rewrite the laws of physics, but oh what plain vanilla technology we have in here.

About 66,000 words.



*Global  
Reforms*

## Oasis Forestry

The Oasis Corporation is a proposed organization that will create more than ten times the volume of annual forest requirement in new plantations.

Natural resources for wood products are dwindling fast all over the world and the figures emerging from the forest industries themselves are suggesting that the natural resources will be gone somewhere between fifteen and thirty-five years, depending on which region is being discussed.

In about fifteen years the company or companies that own the largest forest plantations are going to control the industry completely.

Oasis Corporation is about creating a commercially viable forestry operation that creates plantations in arid regions almost exclusively.

The initial project is designed to create 35 million hectares in outback Australia that will create assets worth over \$500 billion. I have devised a way to create this asset so that it can be the anchor for an IPO that will raise \$45 billion. The second stage of Oasis is much bigger and will take place in Africa, and the third stage is about the same size as the first and it will take place in the Americas.

The Oasis Corporation is a commercial operation, but it is a commercial operation that will have an enormous positive impact on Climate Change, Deforestation and the Drought. It will have an impact hundreds of times greater than anything we've ever done for any of these issues.

There are elements in its operations that will even prevent the Deforestation that is done to clear land for grazing, but these elements are not going to be discussed before Oasis begins for a number of reasons.

There are other documents available if you wish to know more about the Oasis Project and the proposed Oasis Corporation.

## FISCIL

Everything we try to do to solve the issue of overfishing is all about slowing down the denudement, and not about a solution at all. We reduce the number of boats allowed to fish certain waters, which does very little because what it mostly means is that the remaining boats simply have a bigger catch. Or we use different nets that are not meant to reduce the useful catch at all, only the size of the peripheral catch that is useless to us. Or we create little fish sanctuaries that are far less than one percent of even a local fishery.

FISCIL (Fishing Industry Segmentation Creating International Licenses) is the name of the reform that has been created to address the issue of overfishing. It is not going to be laid out in detail here and there are no public access documents available for your perusal such as there is with Oasis.

What will be said about it is this:

If we segment the world's fisheries into five areas and then give five newly created corporations the sole rights to fish the waters within these five areas, what we will do is create huge assets that can be leveraged.

Open ocean aquaculture and coastal aquaculture has come, and is about to come a long way. With hundreds of billions of dollars being made available through leveraging these new assets, we will be able to undertake initiatives that will dramatically increase the number of fish in the ocean. Within about twenty years it will even get us back to pre-industrial levels, extinctions notwithstanding.

The whole point of FISCIL is to link the health of the oceans with increasing profits and increasing asset valuations. The ocean is healthier if there are more fish in it. The more fish there are the higher the profits and the higher the profits, the higher the asset valuation.

None of the existing fishing corporations will lose under the arrangement and seafood supply does not have to be effected.

As a major peripheral benefit certain actions to be taken under FISCIL will dramatically increase the absorption of Carbon Dioxide by the oceans.

That the international negotiations for adoption of FISCIL will be extremely complex is something of an understatement, but there are many factors that will make them a lot easier than most imagine.

## Kyoto II

Kyoto Protocol II is a recommendation to fill the global policy vacuum that exists in the area of Climate Change.

Everybody now agrees that Climate Change is real, but there is currently no agreement on what to do about it.

Kyoto Protocol II is what its title suggests it is. It is a global agreement that is meant to supersede the first Kyoto Protocol.

Many of the elements of the original Kyoto Protocol are included in Kyoto II, but there is a change of emphasis on key points that changes the perception of the Protocol from one that costs money, to one that makes money.

The principal purpose of Kyoto II is to get the world moving in the same direction on the issue of Climate Change. Everybody agrees that something needs to be done, but there is no agreement on what to do.

The key shift in emphasis is the subordination of emissions targets to the creation of technology and Balancing Reforms. Technology to eliminate fossil fuels and reforms that will completely mitigate the introduction of such technology.

In other words, eliminating fossil fuels from the global economy will take several trillion dollars out of it and the primary focus of the research, the purpose of the Balancing Reforms, is to add a lot more into the global economy than we take out.

Emissions targets are a part of Kyoto II, but they have been reduced from the primary focus to a supporting element.

The financial consideration (and main focus) in Kyoto II is that governments will divert one percent of GDP towards research for new technology and Balancing Reforms. Governments have no objection to spending money when the purpose is to increase commerce such as it is with Kyoto II.

Kyoto Protocol II will not try to be something that it's not. It is a bridging tool towards a first step in addressing Climate Change and not a first step. When there is so much disagreement on an issue, a great deal of work needs to be done before we can get ourselves to a first step. Our inability to solve most of our biggest problems comes about because we always try to jump straight into the first step, until now. In the big picture real consensus must precede formulative action.

One of the strengths of Kyoto II is that it doesn't require a stretch into unfamiliar territory. It is simply a new and improved Kyoto Protocol. And another is that it will not interfere with a developing economy's ability to grow.

## The New Democracy

Unless a political system can truly put the selection into the hands of the people, and then guard against entrenched power, it is always going to produce a quasi-Caesardom, or perhaps more accurately a Quintumvirate whose interests very quickly diverge from that of the majority.

It is a new electoral system from pre-pre-selection all the way through to governing so it is not going to be overviewed here:

- We will get the highest and most altruistic minds into government.
- We will encourage a significant change in the party system towards a higher form of democracy.
- Parliaments will finally be used for the open debate of policy for the good of all, instead of a useless forum for petty squabbles and a woman called Dorothy (Dix).
- We will take the adversarial nature out of the political system so that valid and reasonable arguments win out rather than, “I have to beat you at all costs”, and winning that contest is all that matters.
- We will reduce the influence of industry back to the strength of their arguments rather than the strength of their cheque books.
- Under The New Democracy we will almost instantly even up the number of women in parliament and not because they are women but because they are amongst the best.
- A stint in parliament will soon be seen as the best job and the most productive use of an individual’s time. Under the present system it is considered in the opposite light.

There is no fancy or kitschy name for the new system. It is, quite simply, a natural evolutionary step for democracy to take if it is to continue to be *pro populi*.

## The Intermediate Democracy

We are so blinkered when it comes to things like freedom and democracy. We see a country suffering what we view as massive human rights abuses and we automatically assume that we can just jump in the middle of the situation and supplant a new form of government that will take them from dictatorship to a western style of democracy. We have fifty years of current history to show us just how effective such an idea is. It doesn’t work, and yet we are doing the same thing over and again, and if North Korea came to a crisis point in the next decade, we’d simply try to do it there also.

It is not being suggested that democracy is not possible for such societies, but what is being suggested is that we need a form of democracy that suits the specific culture that develops when a form of dictatorship has been in place for many decades. To my mind this seems a fundamental truth, and yet apparently it is not.

In Islamic nations I would propose something that would look a little like a grass roots democracy with no party system initially. A country could choose to implement it later with little negative impact on the system but although many would caucus together, it is unlikely parties would form in a system I would propose.

The basic structure would be thus: Fifty households of a specific religious persuasion would choose a representative. A Ward Council is made up of twenty such individuals and again all of a specific religious persuasion. These twenty govern for their thousand and are each responsible for reporting directly to the fifty households they represent. The thousands and thousands of Ward Councils then elect a governing council of eleven, thirteen or fifteen individuals to govern federally. The governing council then appoints about fifty cabinet positions. Clearly it becomes a lot more involved from here.

The flavour would be slightly different for a country like North Korea.

## CODIN

The Community Of Developing Independent Nations is a reform to address the inequities in our current form of globalisation. It is an exhaustive reform that is designed to bring the underdeveloped nations up to the rest of the world, and to do it in such a way that the developed nations will not only welcome but desire it. The CODIN reform is too exhaustive to overview in here, but what can be said about it, the most salient issue to westerners, is that by the time the dust settles on the CODIN reform implementation we will have increased the size of the global economy by more than thirty trillion dollars. Western countries will be involved in a lot of this ownership and the developing nations will be happy for this to be the case. About thirty years after CODIN is implemented Africa will have a larger economy size and higher status than that of China 2009. Nobody is going to say no to that. The \$30 trillion increase in the global economy is made manifest a lot sooner than that; a lot sooner than even ten years.

## POINT

Private Organizations In National Treaties is a reform that will be used to assist CODIN in its bid to make globalisation more equitable. In 2008 POINT had been dropped altogether, but has since been redesigned to be the reform that will almost completely address the issue of warlords in our bid to bring underdeveloped nations into the global system on a more equitable basis.

## Post Manual Labour Reforms

The PML Reforms have been designed to completely mitigate the negative effects of our move into the age of advanced bi-pedal robotics.

The thing we need to be concerned about the most with our move into the age of true bipedal robotics that can do all of our manual labour is indicated in this sentence. Our transition into such an age will take less than fifteen years from the time the first prototype is produced. What we need to be most concerned about is: What do we do when over 50% of the workforce is out of a job over a period spanning less than fifteen years?

This is not the space to outline the extent of the Post Manual Labour Reforms because the brief overview is extensive, and at a cursory glance, which is all that could be afforded here, it looks like other than what it is. At a cursory glance it looks socialist in nature, and yet the hardcore capitalists are going to prefer a system with the PMLR changes to what they have at the moment; not to the alternative if they simply do nothing, but to what they have now. What can be said about it is this:

The main thing that needs to be understood is that the existing capitalist system will remain and the PML Reforms will run alongside the existing system. There will not always be two systems running alongside each other inside this reform, but the system being replaced will be allowed to reach a critical mass failure point at its own pace.

We are going to need reforms that cover standard of living levels and the things you can do in this “brave new world” to increase your standard of living, which must necessarily change in the Post-Manual Labour era.

We are going to need a review of Government Levels and Governmental Structure. We need a review of Banking and Finance. Insurance re-organizations will be necessary, as are reforms to cover the necessary metamorphosis of corporation structures formed under the PML Reforms. We need to cover the metamorphosis from GDP to Quasi-GDP and several alternate Macro-economic and Micro-economic systems, and alternate Currency Arrangements.

It will call for an enormous increase in construction activity for about two decades. There will need to be corporations and suppliers of goods and service’s performance standards that need to be clearly defined with the metamorphosis in these areas.

There needs to be a massively revamped education system that prioritizes education all over the world.

As one of the areas in which people can actually increase their standard of living, there will be “forums” set up for lobbying and activism for changing society and there will be

Reforms Development Structures that actually lead somewhere, other than the dead end any other such structures have ever gone to before now.

And there needs to be a volume of focus on scam protection, particularly in the transitional period.

A full three quarters of the Post Manual Labour Reforms of the TAM Stone deals with the principal reforms, but a full quarter deals with the form of the analysis structures and preparations that need to be put in place, and the transitional elements from one to the other over thirty years.

## Natural Selection Reform – Basic

This is one of the reforms designed to mitigate the negative effects of introducing technology that will make fossil fuels redundant. In a straight switch from fossil fuels to non-fossil fuels, even over ten or fifteen years, the negative effects would be enormous.

The basic form of the Natural Selection Reform has been almost completely shelved. It was one of the first reforms ever created by me and is the only one in the entire suite of reforms that is somewhat artificial in nature and savours a little of the Carbon Credits ideas I am so fond of bashing because of the artificial nature of them.

The basic version of this reform involves people paying into an environmental fund rather than paying at the petrol pump, and for that money to be directed to a massive number of green initiatives that would be undertaken by those companies who currently provide our fossil fuels (Exxon, BP, Shell, etc.). It is a great deal more involved than this, but that is the gist.

I don't like this one anymore, and although a discussion paper will be released on it, it is not a reform to be driven by H3 operations. If some other group wishes to take it up, then I would be happy to provide support.

## Natural Selection Reform – Advanced

Also to deal with the redundancy of fossil fuels, this Natural Selection Reform will be undertaken by H3 operations, but is not going to be overviewed here. It is in the early stages of development and it will be one of the principal magic bullets inside H3 reforms. The CODIN reform and the PML Reforms were the two biggest reforms inside

the H3 suite of reforms in both complexity and value, but the advanced version of the Natural Selection Reform may trump both of them in value if not complexity. What will be said about it is that it will yoke the value of an asset nobody has ever thought to use until now, and it is not some artificially created asset; it is something sitting out there ready to be used. It would not be appropriate to use this asset for just any purpose, but cleaning up the planet is an appropriate use for this asset.

## World Government Structures

In order to facilitate a move towards a world government, which is inevitable, we need to design appropriate structures that address the all important issue of human nature. We can accomplish nothing of any significance in any area of our life unless we take account of the all important human nature.

In defining structures for a World Government we need to try and apprehend, at least a little, what parts of our society would have changed by the time we are ready to move forward with something like this. And we need to define a structure for an initial attempt for when we think we're ready for such a thing. It is quite possible that some will attempt to form a World Government sometime in the next twenty years, but we are not going to be ready for it. It is unlikely we will be ready for it until well into the second half of this century.

We move towards something more quickly and with greater purpose if we can see what it is we're heading towards, even if it be fifty or sixty years away. We need to define early structures, and structures for a more developed world that has been moving towards a World Government for fifty years.

## World Government Movement

A move towards a World Government is essential to our long term survival as a thriving species and it will happen a lot quicker if we are encouraged towards it through a plethora of indirect influences.

There are innumerable elements in the other two dozen reforms in the H3 suite that will form part of the World Government Movement, because that is the nature of the reforms developed inside the H3 ideals, that everything effects everything else.

One of the most visible elements of a sustained move towards a World Government will be the number of unions between different countries, firstly in the same vein as the European Union, but as our society develops we will see alliances like Argentina and Uruguay forming a single country, and multiple unifications across Africa, such as Mali, Mauritania and Chad forming a single entity that will likely have a different designation to country, perhaps a Central African Union, that may even include Sudan, Ethiopia and Somalia (yes, Sudan and Somalia).

If the other reforms in the H3 suite are adopted, a World Government Movement will develop seemingly without any effort on anybody's part, or rather, the movement will far outstrip any perceived action pointing us in that direction. Things always happen better and are more likely to succeed if we affect all of the issues surrounding that which we want to accomplish rather than focusing on it directly.

## New Economics and Commerce Systems – Transitional

Even if it takes one hundred or two hundred years before we have something else, the current form of capitalism is not the way of the future and we need a way to transition away from it.

When designing such a transition system we need to forget about our sensibilities and forget who deserves what and look at it from the point of view that unless those who make all the decisions in this world actively desire what is proposed then it is not going to happen. This is the principal limiting factor in anything of global significance we wish to do.

## New Economics and Commerce Systems

There are many ideas on what may come after capitalism, but whatever it is, it is going to need to be in sync with the way human beings are, and it is going to need to understand the way human beings behave and allow for it. The many forms of socialism, communism, agrarianism and anarchism that have been tried or promoted in the mainstream, and that influence the economics of a society, are not going to be a part of our future because they do not take account of these two crucial factors.

We will need a system that is agreeable to those with money and power, and this must be our focus. Unless those who make all the decisions in this world want a thing to happen then it will not happen. This needs to be included into our calculations.

## Reforms Development Structures

At the present time the idea of changing our society is as abhorrent to those in power as having a limb cut off. In a future where the reforms on this list are gradually implemented, perhaps over as many as sixty years, we will see a move away from this abhorrence of change, and we need to setup Reforms Development Structures that actually lead somewhere other than the dead end any such systems currently in place lead to today.

Reforms Development Structures must form part of any new economic system that is proposed. Not to bash down the system, but to get us to where we need to go.

## UN Reforms – General Assembly and Security Council

The United Nations needs to evolve to bring it more in line with the post-Cold War era. To bring it more in line with what it was originally intended for, and to move it away from what it has become. There needs to be a great many procedural changes in the General Assembly and the Security Council must be redesigned to represent every region of the planet and where none have veto power.

## UN Reforms – Funding and Finance

So long as countries pay the bills and there is direct quantification of how much of the UN Bill each country pays for, it will never reach its ideal, NEVER. The reforms for this have been developed and yet with the adoption of the PML Reforms or something similar, this reform will be completely different to what it is currently.

## US Constitutional Reforms

Rather than as they actually were, as Americans imagine the Founding Fathers were, they would turn over in their graves if they saw America of today. And for a hundred different reasons that can mostly be traced back to the US Constitution, and how it has been interpreted and revered over the centuries. In a show called Boston Legal they

made two jokes that close to perfectly illustrates the problem: They accidentally refer to the Bill of Rights as the Bill of Sale on one occasion, and on another occasion they call it the Ten Commandments. That doesn't say it all, but it's not far off saying it all.

These suggested reforms have a more complex implementation than most other reforms in here and so they cannot be discussed. The overriding considerations for the US Constitutional Reforms is that the United States is in a mess at the present time and has been so for decades, and its social problems have gone way beyond what can be solved by ordinary government initiatives. And another is that because of America's place in the world it cannot be allowed to fall; so many believe it to be inevitable.

## Policing and Surveillance Reforms

Our technology has almost reached a point where we could identify almost everybody who commits a violent crime within days, and sometimes hours of the commission of the crime. And we could do it without breaching the Big Brother fears that we should most definitely be concerned about.

A very advanced CCTV system is at the core of this reform, but it is only one of many other technologies to be implemented as part of it. The CCTV element is mentioned because the country that would have had the biggest problem with such a thing, America, has been installing them everywhere. It is not an exaggeration to suggest that most violent crimes would be solved within hours of the commission of the crime.

## Prison Reforms Systems

Nobody is going to argue against the view that Prisons all over the world, with very few exceptions, are mostly training grounds to spit out "better" and more hardened criminals. To say that they can be structured in a far better way is the most ridiculously obvious of all truisms, and yet it is an easy thing to turn a blind eye to.

At the core of this reform are new prison designs that greatly reduce the cost of imprisonment, and procedures that make it completely impossible for Joe Average citizen to come out worse than he went in, mental illness notwithstanding.

## Judicial Reforms Systems

That we believe the adversarial system of justice to be the best is one of the greatest jokes in our society, and I do not make such a statement lightly. To reduce matters of life and death, and other such serious matters of society down to a game of, “I have to beat you and winning this competition is the only thing that matters”, with all of its attendant immorality, does not assist in the positive development of our society; quite the opposite. Not to mention the other side of the coin where the future of the accused, guilt or innocence being an utter irrelevance, is decided dispassionately over a drink or a game of golf, with the accused being threatened that they will DEFINITELY be convicted and get a far worse sentence if they don’t go along. It is apparently a great deal more disgraceful than it is depicted in the movies and television shows, and a great deal more common than we can imagine, or would like to imagine.

This reform is a fundamentally different system of jurisprudence that takes the adversarial nature out of the justice system, takes the jury of one’s peers out of the equation, and inserts a judicial jury of three with a range of checks and balances, and a way to implement it so that it will be acceptable to those who would automatically be against it.

## Agricultural Reforms

The most descriptive statement about these Agricultural Reforms is that although our current methods in this area are certainly mechanized, they are very far from being advanced, and very far from being as efficient as they could be.

Using current agricultural methods causes a plethora of negative effects on the environment and has turned many a fertile area into a dustbowl. Obviously yields are the most important factor for the time being and we can change things around without impacting yields to a large degree, and if we can ensure the preservation of fertile lands in perpetuity this cannot be a bad thing. With an increasing population we need to be increasing the amount of fertile lands, not decreasing it.

## Global Education System

This is as it sounds, although it has considerably more scope than one might at first imagine. In addition to facilitating physical delivery of the media/data/resources and

teachers, there are cultural and social problems that need to be addressed from country to country, some of the issues relating to violence and some of them not. There are very few people in this world who would truly realize just how difficult the “peripheral” problems in this issue are, and how numerous.

It is highly likely that the reform as it stands today will bear only passing resemblance to that which is initiated in about ten years after consultation with the best pedagogists in the world.

## PHAIR

Pharmaceutical and Healthcare Asset Infrastructure Reforms. The idea of charging for healthcare is a blatant immorality that goes against common decency. To say to someone, “I will care if you live or die, if you suffer or are cured, but only if you pay me to”, well, it is a shameful thing for a doctor to behave in such a way that makes it clear this is their view. Yes I am for true Universal Healthcare (so not the way Americans interpret the term), but we need to get there in such a way so that those in power will find it acceptable.

We need to do it so that both pharmaceutical companies and healthcare providers can see great benefits in it for them or it will not be accepted. As with every other reform developed inside the H3 ideals the principal question to ask is always: What do the people inside these corporations want and need, and then we will give it to them.

## ChEMS

Chemical Environmental Management System. We need to start dealing with Toxic Waste in such a way so that we will catch the majority of it, and so that those who actually produce it will be the ones who want to deal with it. Like about half of these reforms, ChEMS has an evolutionary technology at its core that will be able to treat all non-nuclear waste, unlike we have ever treated it.

The key human nature question inside here is this: If executives of companies that dump waste will actually make money by ensuring that it is treated properly is it going to be treated properly? And yes we don't breach any duty of service issues.

**The TAM Stone** is the collective term for all the global reforms inside H3 and incorporates all of these reforms. These reforms are designed to be implemented independently of each other, but they are so strongly interrelated that each implementation will make a half a dozen of the others more attractive and that half a dozen make another half a dozen each more attractive.

Each reform in its entirety is designed to have an impact on no less than three and usually about a half a dozen of the world's biggest problems and there is considerable overlapping and a lot of redundancy built in. The TAM Stone is a four-dimensional jigsaw puzzle that is designed to take us down the right path for the next thousand years.



*New Technology*  
*– Settled –*

There will be no big revelations inside these four technology sections because they form the backbone of H3's ability to fund its agenda. Inside the proof document that has been produced, the secret to nine of the new technologies on this list is provided, and twenty can be discussed in detail if a discussion on this operation is what you desire.

Inside these four technology sections you will get a varying range of information on each tech, but there are no secrets unveiled directly. Also, this document was mostly produced in 2008 and major developments for everything in this document emerge on the average of about once a year, once a year for each.

## D-CET

Dual Cascade Energy Technology is one of the first highly innovative electricity generation designs that came to me. It does not use fossil fuels and does not involve anything that is currently being used in the mainstream nor does it use anything that has been proposed for the future.

## PJST

Photoelectric Josephson Superconducting Technology is its name and this is the one amongst the more advanced energy designs that I'm least enthused about. It is the only one amongst the more advanced that uses a similar principle to another method of generating electricity that has been done already, but seems to have been left to "rot on the ground".

## CHES

Compressed Hydro Energy Source. Obviously with a word like hydro in its title it involves water, but that's as much as you're going to get about it here. Just like D-CET, it does not use fossil fuels and does not involve anything that is currently being used in the mainstream nor does it use anything that has been proposed for the future.

## IWF

Iso-ernst Weyl Formation. The thing I will say about this advanced energy design is that it is a less advanced version of the next one on the list, AWE. Just like D-CET, it does not use fossil fuels and does not involve anything that is currently being used in the mainstream nor does it use anything that has been proposed for the future.

## AWE

The name Alternating Weather Energy doesn't really help you in trying to figure out what this one is, just like the IWF is about as clear as mud. IWF will probably never be pursued because AWE is based on very similar principles and is far superior. Just like D-CET, it does not use fossil fuels and does not involve anything that is currently being used in the mainstream nor does it use anything that has been proposed for the future.

## C-TEG

Centrifuge Thermo Electric Generator is probably my favourite of the advanced energy designs and is the one I've done the most work on. It is both scalable and compressible. All the others amongst the advanced energy designs are also scalable, but in compressibility this one is in a class of its own. Does it help anybody to say that CMR is a reasonably important part? Just like D-CET, it does not use fossil fuels and does not involve anything that is currently being used in the mainstream nor does it use anything that has been proposed for the future.

## Swings and Roundabouts

This one makes it onto the list but it is probably going to be the least valuable in the advanced energy suite.

## VAST

Very Advanced Solar Tower. Many people have heard of the Solar Tower being proposed by an Australian company for construction somewhere in the outback. VAST is simply a more advanced version of what they are proposing. It involves thermal only solar ponds that will allow it to come close to usability as a base load generator (if located in the right region of course), and a more efficient design in general that greatly reduces the cost per kilowatt installed capacity. VAST is not going to cost more than about \$2000 per kilowatt installed capacity and yet it is still redundant because of the more advanced energy suite above.

## Water Tower

The Water Tower has changed greatly since it was first developed in about 2004. It was originally a technology for generating electricity from the ocean, and that version of it is still valid. It was redesigned in 2009 to be something almost completely different. A discussion paper is available on the H3 website in which its secrets are laid out for all to see. As something that will beat coal in the marketplace, it was incorrectly assumed that it would make a bit of noise.

(IN PROOF DOCUMENT)

## BME

Blade Mount Enhancement is a massive improvement to wind turbine energy that will greatly increase efficiency. It involves a completely different approach to increasing wind turbine efficiency, but just like VAST and Water Tower it is redundant because of the H3 advanced energy suite.

(IN PROOF DOCUMENT)

## NIPS

The New Internet Protocol System will be put forward as an alternative to the current Internet. If it is adopted then it will be initially laid over the top of the existing before eventually phasing out the old system over about ten years.

NIPS will deliver to corporate and private Internet users the level of security they've been after since the early nineties. It involves new technology, new procedures, several new languages that will not be accessible by any other than the creators and thence trustees, and more.

## Pages Hardcode

This is a network computer security system that hardware codes every computer (client) on a network with an uncopyable code. Only clients with a registered code can gain access to the network. It doesn't matter how good the hacker is unless they are using a registered client, because the server/mainframe reads the hardware code as part of the login process. Even if a hacker can ghost (copy the hard drive) a client, the code won't remain on the copy, and that statement gives away far more than I should.

## Pages Proximity

A low cost computer security system that prevents a computer from being used unless the regular user for that specific computer is in close proximity. The solution for a network is quite different for that of the individual or home computer, although they are based on roughly the same principle. The solution for the home user prevents the user's computer from ever being used by remote hackers for things like DOS attacks, or any other purpose for that matter. The computer will not physically function unless the user is in close proximity and it is a hardware limitation not a software limitation so it cannot be manipulated by a remote hacker to allow them to overcome it.

## Pages Relay

This is a network computer security system that prevents someone from login to a network on a stolen password. An additional feature of this technology is that it can be set-up to track the perpetrator as they are seemingly given access. This is necessarily, a very minimalist description that doesn't give a true indication of its strength, and yet this one, along with Pages One, are the two strongest of the computer security options.

## Pages One

This is the foundation technology for a new computer operating system that is overwhelmingly superior to any of the Windows products from Microsoft.

## Pages CD

Although this particular part of the Pages Suite will not prevent a hacker from using your computer, it will **ABSOLUTELY** protect all of your files from being accessed remotely, and even prevent the directories from being seen.

## SAFE

Smoother And Faster Elevator. How about a high-rise elevator technology that gets rid of cables and replaces them with a variation in LIM technology. MAGLEV trains are an example of LIM technology and there are people and companies trying to apply this technology to elevators, but unsuccessfully. This technology includes three additional elements to increase the power of the LIM by more than four times, and reduce the power consumption by something over 50%. This technology will be used in all new high rises going up everywhere in the world within a short time of its release because in addition to the cable issues, the space required for the elevators is considerably less using SAFE; six 0-shaped elevator shafts (so six up and six down) would be all that was required. Theoretically you could put over sixty cars in each 0-shaped elevator shaft but it is unlikely there will ever be more than twenty in each shaft; more than fifteen will be rare even for a 150 storey monster. Oh yes, it's a smoother and faster ride also (still only seven to eight mps but there's no need to change elevators half way up).

## One Card

A new technology and process that prevents other people from using your credit card on the phone or even on the Internet. The principle behind it makes it physically impossible for someone else to use your credit card without your permission. You could tell everybody your credit card number and nobody else will be able to use it, and one of the main reasons it will be accepted is that it imposes no conditions or extra effort on

the end user, the consumer. And the other reason it is more likely to be adopted is that, quite apart from the credit card fraud reduction savings, it inadvertently creates an additional revenue stream that will more than pay for its implementation.

(IN PROOF DOCUMENT)

## 3c Card

Three cornered credit card (does not refer to the shape of the card). A new credit card technology that completely prevents other people from using your credit card in person. This could be implemented on its own, but is designed to be combined with One Card.

## Instant Hydrant Grader

This is the main appliance based on this Instant Hydrant principle. This is a large version of a technology that will put out bushfires more effectively and more quickly than we do today. Property damage will be very rare in a future where technologies based on Instant Hydrant are being used. It does not use water and it does not use chemicals.

(IN PROOF DOCUMENT)

## Instant Hydrant Cycle

This is the secondary appliance based on this Instant Hydrant principle. This version of the technology will allow us to reach previously inaccessible areas with extinguishing equipment that uses fire retardant that does not run out. Property damage will be very rare in a future where technologies based on Instant Hydrant are being used. It does not use water and it does not use chemicals.

(IN PROOF DOCUMENT)

## Instant Hydrant City

This is a version of the Instant Hydrant principle applied for use in city environments. It is possible that this option will not catch on, but it is worth including anyway.

## Flight Grid

The ultimate rich man's toy for the next few decades. Imagine being able to fly anywhere over a huge grid that was a hectare or more in size and up to an altitude of five to ten metres. It is more likely that the primary use for this will be for military training. The principles involved in Flight Grid will be useful in many different areas, and are involved in several of those on this list.

## DOFFE

Deployable Oil Field Fire Extinguisher. Sometimes these oilfield fires burn for months but this will be able to extinguish any oilfield fire instantly. It uses a non-flaming ablative and many other elements that take most the danger out of the process.

## VOICE House

Voice Operated Inter Connected Electronic House. It will allow us to "wire up" the appliances in a house to be reliably voice activated at a very low cost. TV, DVD, VCR, Air Conditioning, Stereo, Lights, TANK door technology if it's installed, and even the phone can be completely integrated to answer or dial from any room in the house, and all for a retail price of less than \$1000 installed.

(IN PROOF DOCUMENT)

## TANK Door

Transponder Activated No Key Door. It is an electronic locking system that is much more secure than what we have at present, and with the door opening for you as you approach it, it will look like magic. Government and large businesses have been using something like this for decades, but the price has now come down to a point where it is commercially viable for residential application.

(IN PROOF DOCUMENT)

## DSAT

Deep Sea Aquaculture Technology has been designed to be a part of the FISCIL Reform of the Global Fishing Industry. It has many uses and its most important will be as a catalyst to greatly increase the volume of life in the ocean over about twenty years.

## Mimicked Multi Book

If we can provide a medium that looks and feels like a real book then perhaps the age of reading our books in digital form will be a little closer. This is an option that looks and feels like a real book.

## Tablet Multi Book

If we can provide a medium that looks and feels like a real book then perhaps the age of reading our books in digital form will be a little closer. This is an option that is more like an A5 size PDA or Reader with features to make it feel as close to a book as possible.

## TEPID

Thermal Exothermic Pipeline In Desalination is a very simple idea that will greatly decrease the heating requirement for thermal desalination technologies thereby greatly decreasing the cost of the process. This would not be useable in all situations. It is a supplemental idea that may be used in Oasis operations. It is useable in Oasis operations because of the specific requirements of the operations and the locations of the reservoirs.

## Ring of No Fire

It is one of the more advanced fire fighting options and will not be released early.

## MSCLE

Mimetic Spiralling Cordelleous Laminiferous Endomysium. Musculature for bipedal robots. Another for which I'm revealing far too much, this time in its name. There are no hydraulics, cogs, drive systems, or anything even remotely resembling these things, and the energy consumption for this technology is extremely low. This will be revealed fairly early, and it is to be used as an integral part of many other technologies, some of them you will find in here and some of them you will not find in here.

## IDC Helmet

The Instantly Deploying Combat Helmet is a defensive defence technology that is designed to deploy in a fraction of a second to protect the head and neck of the wearer from incoming fire.

## AGS MagS

The Artificial Gravity System Magnetic Suite technology is the first generation of artificial gravity for spacecraft. Just like so many other technologies on this list it is a lot simpler than you might imagine, and just like so many other technologies on this list, it uses principles that have never been applied to the idea of artificial gravity before. Of course that is assuming that there is anybody out there working on the idea of artificial gravity.

(IN PROOF DOCUMENT)

## tkS Propulsion

The tkS Propulsion Very Advanced Propulsion System (VAPS) came to me as recently as June 2009. It is the next generation in spacecraft propulsion and yet again is extraordinarily simple. I like to joke that with everybody looking at the ceiling in complexity that I'm simply picking up all the good stuff lying around on the floor. That is certainly the case for tkS Propulsion. And it is in the group of Settled Technologies because there is absolutely no doubt that it will work. In literal terms, we could have figured this one out about forty years ago if we were paying attention.

The tkS Propulsion is named after a velocity term I created. It stands for Thousand Kilometres per Second (3.6 million kph), and this VAPS will be able to travel at this velocity, but it is unlikely that we will get it up to this speed until we start visiting the outer planets. The tkS Propulsion will get us to Mars in less than a week. Amazingly, we even have toys based on this principle; toys from forty years ago.

## GLALT

Ground Launch And Landing Tarmac is one of the elements designed to get the tkS vessel mentioned immediately above into space. In the terms we use today, GLALT is a very advanced MAGLEV design that will accelerate the tkS launch configuration to over MACH 1 so that extraordinarily powerful engines (something resembling a Ramjet) can kick in and take the first stage configuration up to about sixty kilometres, where the second stage kicks in. The tkS vessel is very heavy so a space shuttle style launch would not be practical.

## MASS

Modular Approach Space Station is about a different approach to constructing space stations, and bases we will create on the moon as well. The approach is reasonably simple, and although it is more complex than the following statement, it can mostly be related by saying that the Saturn 5 rockets we designed back in the sixties were huge, and without the stage separation that would be a lot of internal room to launch into space. If engineered to all fit together (modular), a half a dozen slightly upgraded Saturn 5 launches could create a space station that was as big as several football fields inside over several floors.

## H-RED

High Rise Evacuation Designs. I'm almost embarrassed to admit that I have this one because it pre-supposes that I spent some time on it when it simply came to me as a consequence of thinking about the specific architectural design of the H3 Headquarters (refer Additional Elements). I mention it because someone will probably use it.

## PASR Law

Policing And Surveillance Reforms Technology. This is the suite of required technology to make the Policing and Surveillance Reforms a reality. From greatly enhanced CCTV to personal data recorders for police officers to high altitude high resolution imaging that covers a city and its surrounds. Everything that is required can be done right now and well within the budgetary restraints of a modern metropolitan police force, or a federal government that chooses to make law and order a priority.

## PRS Designs

Prison Reforms Systems Designs. Prisoners will be able to talk to each other and see each other but will not be able to touch each other. The new prisons will be specifically designed to prevent Joe Citizen from leaving prison worse than when he or she arrived, the cost of corrections services will be greatly reduced, and the danger to prison guards is also dramatically reduced. The new prison designs is one element and the procedures will be the other. Together they will do what is being suggested here.

*New Technology*  
*– Mostly Settled –*

## AVE

Advanced Vacuum Energy is another one of the advanced energy suite and it is in Mostly Settled because there are elements that seem certain but need to be tested before it can be declared Settled. Just like D-CET, it does not use fossil fuels and does not involve anything that is currently being used in the mainstream nor does it use anything that has been proposed for the future.

## Q-CIT

Quad Cascade Iso-over-unity Technology is in Mostly Settled because it came to me after the advanced energy suite “category” was already packed to the rafters. It is also in this section because it is so obvious and so simple that I have a hard time imagining why it hasn’t emerged elsewhere and long before now, so my sense was that I must be missing something. I will probably never go through this one again, but somebody else in the IIII research operation probably will. Just like D-CET, it does not use fossil fuels and does not involve anything that is currently being used in the mainstream nor does it use anything that has been proposed for the future.

## Wind Chime

Wind Chime is another that I have no interest in pursuing because it is another that is designed to greatly improve wind turbine efficiency, which is a technology that is now mostly redundant. The idea is sound but there are a few engineering difficulties, most of which are easy, but not all. The principle in Wind Chime may be useable in another technology.

## Milosi

Milosi is a new motor vehicle engine design that is unlike any others currently in existence, and the principles behind it are even different to any of the advanced energy suite mentioned above. Milosi does not use fossil fuels and will be able to accelerate a tank to almost Formula One performance and without any of that pesky refuelling.

## E2 Car

E2 is another new motor vehicle engine design that is not quite as amazing as Milosi, delivering small car performance and with only periodic refuelling if any at all. Think of a Hybrid on steroids and without requiring fossil fuels and you're there.

## GRAV

Geared Reverse Acceleration Vehicle is a low power engine design that is suitable for a one person UTV.

## GRAV SC

Geared Reverse Acceleration Vehicle – Super Compressed is a step up from GRAV. It takes the GRAV principles and injects an idea that emerged in the nineties to use super compressed air. It would be suitable for use as a longer distance UTV or even a very small two person car.

## DVDNA'S

This is a new approach to Video on Demand that will allow instant access to over fifty thousand movies with an infrastructure cost that would even make it viable in a country the size of Australia. This came to me when the names of all the big studio owners came together to make a catchy little name. DVDNA'S stands for Disney, Vivendi, Dreamworks, News Corp, AOL Time Warner, Sony. It is unlikely that we will ever do this one but we might.

## VAMP

Very Advanced Music Protocol is a new approach to security for Music CDs that uses the Internet for both validation and as an integral part of the copy process. That the music companies haven't made this leap yet is beyond me. What they have been doing since about the year 2000 is making things more complicated than what they need to be.

## Real Virtual Reality

This one is in Mostly Settled because a reasonable amount of tweaking is going to be required, not to mention the fact that I haven't even looked at these designs for about six years.

## OPH

Oxygen Photolyzing Hydrant is the most advanced fire fighting technology in H3 and it will not be released for several years. When we develop this one, fire fighting of any kind, will look as if it is being done by magic.

## Pot of Soup

Pot of Soup technology is part of the ChEMS reform and it will be able to deal with toxic waste unlike we have ever dealt with it. All of the elements required to put it together have been available for a decade or more and although I cannot remember now why I put it in Mostly Settled, I did so there must be an issue left to be resolved somewhere.

## SAFFA

Safer And Fire Free Aircraft are designs for a new type of (commercial) aircraft that does not use fossil fuels and will have supersonic/hypersonic cruising velocities. SAFFA is on the Mostly Settled list because there are too many elements to bring together and I would like to see them working in unison before I decide just how close we are to building a prototype. It has long been the plan to give this technology to another company after it has been developed, possibly Boeing, but the events of 2008 and 2009 have led me to reconsider this.

## JLP

The Jet Launching Platform is an idea that has been floating around in movies since about 1980. The idea is to load a space vessel onto the top of an aircraft and for that aircraft to carry the spacecraft up to a very high altitude, at which time the space vessel would be released and accelerate into orbit on its own steam. Whenever it has been

shown in the movies the spacecraft was on top of a standard commercial style jet, a 747 for example. We need to design an aircraft for this purpose alone and with the latest SAFFA engine designs the JLP will take a spacecraft up to about sixty kilometres and accelerate it to at least MACH 7 before being released. The attraction of this is that we get the spacecraft through the tropospheric soup and get it about a third of the way to the required velocity without using any of the spacecraft's fuel. Booster rockets will still be required for the first major spacecraft designs, but with the weight of the spacecraft being proposed inside this operation, a vertical space shuttle style launch is not practical. Even without its supplies, the weight of the first tks spacecraft will come in somewhere between 300 and 400 tonnes.

## Vacuum Cleaner

There is no more apt name for this than Vacuum Cleaner. There are tens of thousands of objects floating around in Earth orbit, and every little piece, from an inch to decommissioned satellites, are potential tragedies waiting to occur. When I heard that the Chinese space agency purposely crashed two satellites into each other at high velocity, I couldn't believe it; and apparently America is not much better in this regard. Even without outrageously reckless actions such as this, we need a major clean up so that the only objects in orbit are spacecraft of one kind or another. This is actually "very easy" to do and should probably go onto the Settled list, but even though the mechanisms are reasonably obvious I've yet to define some of them, so it stays here until I have.

## Six Environmental Suits

Over the coming century we will be getting out into space and will require a number of different environmental suits to deal with the range of different environments that will be encountered. A different suit will be required for Venus, a different suit for Mars, a different suit for EVA in space and different suits to encounter the range of environments we may encounter elsewhere.

## ORCA Explorer

The ORCA Explorer is a design for a deep sea vessel that incorporates new propulsion and energy generation technology that will allow prolonged exploration of the ocean floor. Every element that needs to be considered has been considered from the issue of nitrogen to illumination. It will be designed to carry six people for months at a time and

will be docked at ORCA, which will be located around Newcastle or just south of Sydney.

## **BSV**

This one is named after the principle that is yoked. When you mix Baking Soda and Vinegar and place it in close proximity to a fire the fire will be extinguished. BSV takes that principle and puts it on steroids, but there are a few issues to be tested, and although it is possible, it is unlikely that we will use Baking Soda and Vinegar. Think of BSV as weaponizing the Baking Soda and Vinegar principle.

*New Technology*  
*– Part Concept –*

## EL ES

The Euclidean Lorentzian Energy Sphere is the most advanced of all advanced energy designs inside H3, but although the principles behind it are sound, some of the elements that come together to make it work are yet to be tested. If it works then it is likely that this will be the power plant we use for our first generation of pure space vehicles (vessels that only work in outer space). Its power to space ratio far outstrips any of the others, again, if it works.

## E2 Energy

Electrolytic Energy is something that people got all caught up with in the last quarter of the last century, but then we had a few discredited claims and it seemed to be banished to the fringe and nobody will touch it anymore, especially not under its *nom de plume*, which I will not mention here. Just because you get a few shonkies or delusionals into a particular area of study doesn't invalidate the area of study. It is an extraordinarily complex area of study so the rank and file have probably placed it into the too hard basket for now.

## ICU PASR

ICU (pronounced I see you) Pattern And Spatial Recognition, is a technology that will facilitate our entry into the age of high functioning bipedal robotics that can perform every physical function a human can perform. With the MSCLE technology giving them the ability to move as freely as we can, the only stumbling block is the ability to move without bumping into things and to apprehend and interact with every object they encounter, including us. ICU PASR will do this and the only reason it is all the way down here in Part Concept is because it will require at least two years and perhaps even as many as five years to develop from my designs. It is a different type of computing, and just like the MSCLE technology, it will have a very low power requirement.

## IDES

Instantly Deploying Environmental Suit is a safety device that is designed to be worn as a belt by all those deployed on space vehicles. In the event of a massive loss of pressure it deploys to protect the wearer from the conditions in space for a short time. It is unlikely that this will ever be deployed because I don't think it is a likely danger, although it might be once we leave Earth orbit. I think I was encouraged to develop this by watching too many science fiction shows where decompression is used frequently for dramatic effect.

## SBPR

Using different wavelengths to affect different living things is not a new idea (the Active Denial System developed by the US military for example) and the Sound Based Pest Response is based on this. It will require a lot of experimentation before we get to a prototype.

## Evaporative Desalinating Pipeline

A new form of desalination that would be a great deal cheaper than how we do it now, and everything takes place in the pipeline from the sea to the reservoir.

## MARS

Mars Atmospheric Reforming Systems. Every idea to terraform Mars has always involved some massive project that takes no account of the fact that the atmosphere was stripped from Mars because of the planet itself. If we try to simply thicken up the air with the right balance for us it will simply be stripped away anyway so we need to look at it from a different perspective. There are a great many "narrow" canals across the face of Mars and this is where we terraform Mars. The MARS plans involve some elements that have been suggested before but most of it has never been proposed. Additionally, those elements that have been suggested before have been altered, such as a different way of utilizing the sub-surface water (if it exists), a different method of

propagating algae and other plant species and we will not need to use domes to keep the atmosphere mostly contained within our living spaces. Using the “narrow” canals only, we could create areas capable of supporting millions of people, so space won’t be an issue this century.

## LACERS

Light Activated Chemical and Electronic Radiation Shield sounds very fancy, and I suppose it is, but all the elements of this technology have already been done in other fields. The reason it is down here in Part Concept is that the specific elements that come together to make LACERS may react oddly to the presence of the others and I wouldn’t be prepared to upgrade it to Settled until we’ve put them all together.

## MISS VAPS

Magnetic Induction Slide System – Very Advanced Propulsion System is my favourite of all the advanced propulsion concepts in Part and Pure Concept. It is also the one I believe will be the most powerful and the most likely to do exactly what I suggest it will. It involves magnetic fields, multiple wavelengths, a ship that is a toroidal cylinder, and about a half a dozen other major elements that include a further shift away from what has traditionally been considered propulsion. Such a shift will have already been made with tks Propulsion but this is far more advanced than that.

## CCW

This is another technology that was probably born out of watching too many science fiction shows. It is something that could be considered a first or pre-first generation for an electromagnetic shielding system. It uses arc lights and a couple of the effects Michael Faraday first observed. It is all the way down here in Part Concept because we need to put the elements together to know how they will react with each other.

*New Technology*  
*– Pure Concept –*

## Compressed Fusion Concepts

It has been my view for some time now that we are not going to get anywhere in the area of fusion until such time as we see some new ideas injected into the research, and I don't mean ideas that will take us an inch further down the path. We need outlandish ideas that those who are currently hip deep in the technology will look at and say, "that won't work" or "are you crazy" or any one of a hundred versions of these statements. I have developed a few such ideas and H3 will test them out in due course.

## PhotoVoltaic Gel

Photovoltaics may still have a role to play in the future I'm proposing, but their efficiency is going to have to go through the roof, perhaps even twice what the most efficient triple junctions currently can do. When I last checked there was something I called GIPGAGO and it was somewhere around thirty-seven percent. GIPGAGO indicated the main elements used in its construction and included Optics, Gallium Arsenide, Germanium, Indium and Phosphorous. A European corporation developed a special kind of gel for use in car batteries and the PV Gel I'm suggesting takes this technology, seconds it into photovoltaics and "retrains" it to fit in; a little bit of sodium probably wouldn't hurt.

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I would probably be best served by not even mentioning this one because there are no clues as to what it is. Some people might guess what it is given its name. It has multiple uses and one of them is in the area of toxic waste, although the idea that this could be used in that area is not in the notes, and only comes to me about half the time I look at this one. Its primary purpose could also be considered as controlling toxic waste, but only if you're a poet. Some will consider this the most significant technology I ever create, assuming of course that it all comes together and works.

## MFIM VAPS

Magnetic Field Induction Motor – Very Advanced Propulsion Systems for space travel. Although I have a few early concepts on this one, it is probably more than a hundred years away in reality. The magnetic field referred to in the name of this one is the magnetic field generated by a planet, a star or even the magnetic field that is present throughout the solar system.

## MFIM VAPS 2

Magnetic Field Induction Motor – Very Advanced Propulsion System for travel in the atmosphere of a planet. Just like the one above, there are a few early concepts, but the magnetic field we're talking about here is the magnetic field of the planet.

## RPS VAPS

Rotating Plasma Spheres – Very Advanced Propulsion Systems is a concept that yokes the idea of the massive heat possible in plasma and utilizing it as propulsion in an unusual way that may or may not be possible using planned imperfections in a magnetic field array.

## Spacecraft Deflection Systems

There are a number of concepts on the drawing board. Some of them will work such as rotating the outer hull at very high revolutions but are very inefficient, and some of them are very efficient but we have to wait and see if they work when we put everything together.

## Inertial Dampening Systems

To give a true appreciation of just how complex this issue is, it should be pointed out that science fiction writers have attempted to explain how advanced concepts might work for other endeavours hundreds of years into the future, but they have never given an imaginary technical rundown on how inertial dampening might work, but they all include it in their writing nonetheless. I would be more inclined to think that my designs in this area are more likely to lead to some other idea that will then lead to the key rather than being the key to inertial dampening itself. I did however have a lightning strike on this one for a new seed on the 1<sup>st</sup> of August 2009 so who knows.

### AFI

Aircraft Friction Impairment is going to be one of the contributing factors to more efficient hypersonic flight, and greatly reducing the power requirements of airflight in general. The most I will say about it is that if you aerate water you move through it much more easily, but it is a little more complicated than just transplanting this directly into aerodynamics.

### RBHP

The Rotating Black Hole Principle has nothing to do with black holes. It is primarily about energy storage although it is likely that if it pans out it will be used in our first generation of hand held energy weapons whencesoever they arrive.

### EMPP VAPS

Electro Magnetic Particles Platform – Very Advanced Propulsion System attempts to yoke the idea that you accelerate more efficiently off a platform and attempts to mesh this with the idea of utilizing the massive number of particles that are floating around in space. I'm not overly keen on this one anymore, but it will be investigated.

## HIV AIDS Cure Concepts

Some of the many concepts in this area may have already been done, but given an understanding of how medical research is looking for the cure for HIV and AIDS, I doubt that any of the concepts I will propose have been tried. We'll get to them very early.

Now I understand how a medical researcher who has had it drummed into their head that the textbooks and lectures they attended represent absolute fact might react to the following suggestion, and therein lies the problem: The idea of giving cytotoxic drugs to people that destroy their immune system when they are suffering from a disease that destroys their immune system is utterly ludicrous. This also tends to be how we treat many cancers.

We need a fundamentally different approach. Let's try to cure people with medications that don't destroy their body in the process. If the destructive treatments are all we can come up with for a particular affliction then we're not thinking hard enough.

## Athanasia Concepts

We are finally at the point in our development where we can start realistically looking at the idea of living for centuries. Previous generations did not have the frames of reference to consider such a thing and so any such search was pie in the sky for them, but it is no longer so for us. I have considered a number of concepts and they will be investigated early on. The search will be ramped up considerably from there. I wouldn't mind a few centuries to see some of this through to the end.



*Commercial  
Operations*

<sup>3</sup>H is the entity that will house all of the Commercial Operations.

## Oasis Australia

Oasis Australia is the designation for the first forestry operation inside H3. It will house about \$500 billion in assets and will be the biggest IPO in history. There is already a company called Oasis Australia so it may be necessary to change the name of this operation but we will try to keep it. The operation will create up to fifty million hectares of forest plantations in outback Australia.

There are a few important considerations for both the Australian and African operations of Oasis: The first is that H3 will own less than fifty percent of each. The second and far more important is that according to the statistics within the forest industries themselves, natural resources for wood products will be exhausted within fifteen to thirty-five years depending on which area is being discussed. The point is that by initiating Oasis Australia and Oasis Africa now, these two entities will almost completely control the industry for wood products in about fifteen years time. The corporate strategy involved here will not hinder this process.

## Oasis Africa

Oasis Africa will create about one hundred and fifty million hectares of arid forestry across sub-Saharan Africa and it will be done for a considerably lower relative cost than Oasis Australia. Now although we could get away with paying workers very low rates of pay in Africa they will end up being paid a lot more than the average in their region. Oasis Africa is a corporate entity that is participating in the process of bringing Africa up to the rest of the world and this is one of hundreds of activities designed to do this. H3 will probably own less than twenty percent of Oasis Africa and perhaps as little as ten percent.

## Natural Selection Corporation

Initially, Natural Selection will be H3's largest commercial enterprise. It is the vehicle to be used to commercialize H3's suite of energy generation technologies. The technologies are sufficiently advanced and efficient to completely dominate the industry within a very short period of time. You don't need to know the size of the industry to know that this is very big business. The commercialization strategies for Natural Selection are extraordinary and unique, and they will guarantee a speedy adoption of the various technologies even though none of the technologies are based on fossil fuels.

Additionally, the action that will be taken in adopting the various socio-economic reforms will more than double the value of Natural Selection. Natural Selection will be the world's first Trillion Dollar Corporation.

## HR

This stands for Homo Roboticus and HR is the name of the corporation that will commercialize the first generation of bipedal robots. Imagine the functionality of the lesser model from the movie I, Robot, and you would be very close. It cannot be stressed enough that HR is not an early strategy of H3. Although the musculature required for such a technology can be built immediately, it will take several years to work through the software concepts designed for this technology because they are very advanced indeed. Theoretically they could be worked through in as early as two years and I would be looking for a very early prototype around two years after work begins, but my feeling is that it will take about five years to work through completely. Security surrounding the development of HR is going to be unlike anything we've ever seen in Australia.

Human beings will take to the idea of a full assimilation of this technology, and if this is commercialized well, HR will replace Natural Selection as the largest commercial enterprise inside H3. Natural Selection will be a public company right from the word go, as will several other commercial enterprises on this list, but even though I would like to retain 100% ownership of HR and there would be no financial or personal reason to take it public, it is unlikely that I will be able to retain full ownership for a wide variety of reasons, chief amongst them being what I believe is called Domain; governments around the world will want to be actively involved in the development of Homo Roboticus, thence its successors that I've already dubbed DANA and TANIA: Dual Alinear Neotronic Automaton and Triple Alinear Neotronic Illimited Automaton. Just like every other part of H3 (including all of the technology) I have a very clear developmental view of HR technology.

## Milosi

Even though it is quite simple, the etymology of this name is not going to be made public until after the technology behind it has been unveiled. Milosi is the organization that will be used to commercialize H3's suite of new motor vehicle engines. There are three main technologies and a fourth that is only suitable for use in a UTV. But it is a bit of a mis-statement to say that there are three main technologies. The main technology for which this organization has been named, is so exceptional that if you could keep it on the road, a standard Milosi engine could power a HUM-V to Formula One race car performance. The other two are about on a par with existing motor vehicle engines, none of them produce emissions and the fuel will cost from zero to a few cents depending on which technology we're talking about. The design of the main technology is unlike anything currently even being talked about in the mainstream.

Although I toyed with the idea of creating a few new marquees around the world with the view that the debt heavy auto makers would be "easy" prey to a new player that had vastly superior technology, it was only a passing fancy and would never have been undertaken, because all the agro that would be created is the opposite feeling I'm looking to create.

Although it is not my first choice, I believe that Milosi will be forced into a position where they will have to provide access to the technology to everyone in exchange for some as yet undefined, and considerable, consideration. There are other commercialization options that will be considered.

## Matrix

Matrix is an obvious name for the vehicle that will be used to promote the NIPS technology and process that will propose a new protocol to replace what we already have. Originally there were other Internet elements and they may even be reactivated, but as it stands this vehicle will be used only for promoting NIPS and any other major Internet technologies to come out of research operations.

## DVDNA'S

DVDNA'S is the name of the vehicle that will be used to commercialise the DVDNA'S technology, which has probably already been shelved, but it stays in here until the decision is settled on.

## News Evolution

News Evolution is the name of the vehicle that will be used to implement a new financial model for newspapers all over the world. It would probably be neither here nor there if I detailed the new model because nobody has the deep pockets to implement it at this stage, but I'll keep it to myself anyway.

The new model will require between Ten and fifteen billion dollars to implement and H3 will foot the bill for the lot. H3 will set up a global news service in its first three years and as soon as this has been established we will proceed with News Evolution. Access to the new model will be available for all established newspapers around the world. So it is likely to be a timely lifeline to News Corp, not to mention all of the other newspapers that are teetering. News Evolution may come too late to prevent large scale closures, but everybody loves a good Lazarus story.

## DCS

Defensive Combat Systems will be the vehicle used to commercialize the IDC Helmet and any other defensive combat systems that emerge from H3 operations. This may be a small commercial enterprise or it may rival HR and Natural Selection Corporation in size. Such a thing cannot be said at this stage.

## DAT

Domestic Automation Technologies will be the entity used to commercialize VOICE House and TANK Door provided we can gain the co-operation of the domestic appliance manufacturers around the world. As a dominant player in the marketplace

and allied with all of the appliance manufacturers then it is worthwhile, but if the market becomes fragmented early then it is not something we will do. We will either give it to someone else to do or abandon it altogether.

## Million Kings Press

Million Kings Press has been designed to promote the subtle ends of the H3 organization. Both the titles and the operations of Million Kings Press have been very well developed. Inside Million Kings Press there are designs for a surprisingly unused method for locating and developing new talent. There are three new book formats; Bimorphic, Trimorphic and Trilemmic. There is a new publishing classification that is neither fiction nor non-fiction. There is new technology that will revolutionize the Book Publishing Industry.

And as far as other books is concerned: There are five original and well developed non-fiction serial titles, all of which are simple compiles (NOT compilations of other published works). There are seven original and well developed fiction serial titles. There are twenty-nine additional original and well developed non-fiction titles, about one third of which are relatively simple compiles (NOT compilations of other published works). There are twenty-seven additional original and well developed fiction titles, up to ten of which will be developed under the new book formats and classifications.

Over and above this, innovative action has its own energy and there will be many other innovations to come out of Million Kings Press. And this will be equally true of every other H3 organization.

## GV News

Any organization that wishes to have an impact on the world cannot hope to accomplish this unless there is a substantial media operation behind it. Global Village News will be set up as if it is setting up over three hundred new newspapers all over the world without the printing press requirements. Shortly after this operation is established the new financial model for newspapers will be rolled out and GV News will be in an ideal position to take advantage of it. Global Village, which is the controlling entity for GV News is designated as a not for profit inside H3 operations, but with the advent of News Evolution driving huge sums of money into GV News it is likely to make a profit.

## Reforms Technology

Reforms Technology is the entity that will be used to commercialize H3's array of technology designed to support various global reforms. It will be undertaken whether it is profitable or not, but it will be hard to avoid making a profit as the various H3 reforms are initiated. Some of the technologies to be commercialized here will be Deep Sea Aquaculture Technology, Pot of Soup, Policing And Surveillance Reforms techs, PRS designs.

## Futuregrail Micros

Futuregrail Micros is the entity that will be used to commercialize H3's suite of less valuable technologies. Many of H3's less valuable technologies will be given to others with similar ideals to that of H3, but those that are not given away will be commercialized out of here.

## A Large Airline

The acquisition of specific large airline fits in with H3's long term plans.



*Non-Commercial  
Operations*

## Global Institute for Balancing Reforms

The acceptance of world changing reforms depends on our ability to make them attractive to those who have power over their acceptance. In a world where one needs to negotiate with people in power at great length just for them to do the right thing, when they need to be convinced that there is something in it for them personally, just to do the right thing, the direct approach to our biggest problems is completely inadequate. Any world changing reform must take this, and other matters relating to human nature, into account.

The emergence of new Superpowers, the relegation of oil and gas as fuel sources, instability caused by one-sided globalisation, and the continuing degradation of the environment are all obvious, certain, and very dangerous problems we face in the first half of this century. Reforms are going to be needed that are both potent and implementable; reforms that maintain the power and financial status quo, and actually solve the key elements of the problems at the same time. If we are to survive and grow as a thriving global multi-culture we're going to have to make some major changes to our society.

The key to the Global Institute for Balancing Reforms is a different perspective. True empathy in the face of absolute mistrust, being able to trust those you absolutely mistrust to do the right thing because it is in their best interests, evicting both sides of the decidedly low brow and Militaristic "A" word from the geo-political dictionary, discontinuing the application of the Zero Sum in the global political arena, and showing an understanding and application of the full range of political (including legislative), market, and technological implements available to us, and especially how to apply them in previously untried ways.

The GIBR will introduce reforms that will increase the size of the global economy and change the face of the world; the form of globalisation, the Global Fishing Industry, the Global Forestry Industry, it will change the attitudes we have towards limiting fossil fuel use, and in a best case scenario, will be a contributor to a major change in the structure of The United Nations Organization.

## Centre for Environmental Repair

We have taken a lot out and inflicted a lot of damage in the past few hundred years, and the planet could repair itself if only we'd let it. It's time to stop arguing about the semantics and give back to the planet something that approximates replacement.

The Centre for Environmental Repair is responsible for quantifying the extent of the environmental damage around the globe, deciding what is the best course of physical action to counter the damage, and to then implement appropriate solutions.

The key statement to gain an understanding of the nature of the CER would have to be: Advanced and completely natural geo-engineering (however incongruous that may sound) on an unprecedented scale around the globe to try and counter the negative impact humans have had on nature; to provide the planet with something that approximates replacement for that which we've taken out.

The planet has a massive, and massively complex cleaning and repair "machine" but we've "removed too many cogs" and "thrown too many spanners into the works" for it to be able to function the way it's supposed to. Although the CER has several other secondary and peripheral functions, its primary function is to fix this machine.

Obstacles to individual projects should be minimal because in addition to environmental repair, most of the action undertaken will have substantial regional economic benefits, will be fully funded, and will not require any *quid pro quo* from anyone.

Of course I acknowledge, that the global scope and implied range of action would seem to paint the primary function of the CER as being specious on many levels to say the least, but most are going to be surprised at the range of funding sources, none of which currently exist, and just how cheaply certain project elements can be undertaken.

In answer to the question that would be on everybody's lips – "Do you have any idea how much all of this would cost?" – I would simply answer that this question is a silly question to ask someone who has developed so much. I have known for a long time that the success of the H3 operation in its entirety was reliant on my ability to make this estimation, and then find a way to pay for it all.

## Earth Co-operative Initiative

The ECI is an organization for funding environmental action undertaken by organizations unconnected to H3. There are many thousands of environmental projects proposed around the world every single year. In matters of the environment, H3 seeks to concentrate efforts on action that will repair the worlds many cycles. Action proposed by other organizations that will help in this regard will be funded by the ECI, and without any *quid pro quo*. H3 itself will only undertake very large projects. It will rely on local groups and smaller organizations to do their part, and it will give them the money to do it; for every large project there are hundreds of peripherals required to complete the picture.

After it is established, funding the micro-environmental action and co-ordinating it with the other H3 organizations will be the primary function of the ECI, but in its formative stages the focus will be on identifying pro-active individuals that have different views on how to address our environmental and sociological problems, and giving them the means to create and grow roughly parallel, but completely separate organizations of their own and beholden to nobody, not even H3.

## Global Village

Global Village is the Media Division of H3, not to be confused with Media Relations or the Media Advisory Group, which are two parts of Global Village.

Any undertaking that wishes to influence the direction of our society to any measurable degree in the modern age must have significant media involvement.

It is important to differentiate right up front the sort of influence being suggested through media. The sort of influence considered here is not of the Hearst or Murdoch ilk, but rather something that is subtle that influences through programming changes. Influence that doesn't say this or that is bad, but rather behaves well and is unambiguous in its adherence to middle of the road moral principles; Middle of the Road being very distinct from Conservative morality. The sort of influence that subtly interacts with society over fifty or one hundred years to raise the human race towards what it can be, and move us away from the small thinking that has got us into so much trouble up to this point.

The principal goal of Global Village is to ensure there are avenues to disseminate its extensive range of print, film and television related intellectual property.

## 21<sup>st</sup> Century Testament Trust

This is an organization that will undertake a specific array of action in the humanities. Its action will reinforce the ideals of the 21st Century Testament; peace, equality in all things, justice, intellectualism, humanitarian behaviour in general; an advanced humanist approach to the world.

There is far too much focus on worship of the deity in religions, for which we have no frames of reference, and far too little heed paid to the humanitarian aspect in modern religions, for which we have as wide a frame of reference as we wish to develop.

If we are to accept that the Holy Scriptures, of whatever religion, are the words of God, then we also need to accept the nature of Man at the time the scriptures were written by men. Men in such times were in awe and fear of what they could not understand. They would choose to worship as a matter of course.

If as some believe, we were created in God's image, then one must assume that what is meant is more than just the physical, the wrapping. One must assume that this should be interpreted as our soul or essence is in God's image.

A great man or great woman is not God, but a great man or great woman does not seek worship, he or she shuns it. But let us take that further and say that even just a good person does not seek worship over the well being of others. If a great individual would seek none, and even a good person would say no until we have seen to our problems, then a God in the same image as us would surely not.

Yes. Logic has no place in faith, but this is not about a logical progression, it is about a rudimentary understanding of God and Man.

Accept the Holy Scriptures, yes, but include in your belief that from which there is no escaping, and that is the underlying human nature of those who penned them.

Whatever we may consider God to be, if we were made in God's image, then God would want us to get our act together in this existence before we concern ourselves with what comes next (or at the very least God would not want to be worshipped). The purpose of the 21st Century Testament is to help us do this (and understand this), and the reason for the 21st Century Testament Trust is to reinforce the issues. It is not enough to say the words, you must also live them and the Trust will do this.

## John Locke Development Prize

The John Locke Development Prize will be a prize in the same vein as the Nobel Peace Prize but with a considerably larger cash award and much higher attainability standards. It is a prize that will be awarded to entire parliaments rather than to one or two individuals. The sort of action that will qualify will be the major powers agreeing to a staged nuclear disarmament, the re-establishment of social services in American Society or true Universal Healthcare, again in America, or the leaders of North Korea or Burma agreeing to bring their country into step with the rest of the world with at least a form of democracy. It is an award that is designed to promote social development.

## Disaster Relief Reserve

The Disaster Relief Reserve is all about establishing an international force that can be deployed at a moment's notice into areas that have been hit by a natural disaster such as tsunami or earthquakes. The executive of the reserve will be based in the H3 Headquarters but the reserve itself will be made up of English speaking individuals in about five or six different African countries. Until some natural disaster does hit, the budget for maintaining a force of 20,000 in these countries is very low, and most of the cost will come in the form of setting up a large number of micro finance banks in the regions we draw forces from.

H3 is going to be on very good terms with most African countries and agreeing to participation will confer some additional international prestige. There will be few if any African countries putting obstacles in our way.

*Research  
Operations*

### IIII

The name IIII is pronounced four eyes and is a play on words, being both slang for “eggheads” and representative of the four big words required in research, Intellect, Innovation, Inspiration, Improvisation; there are many other “I” words that can fit in here. IIII is all about Advanced Technologies Research. It will only deal in significant or generational leaps in a wide variety of industries including, Energy Generation, Robotics, Virtual Reality and many others. It will not conduct any research on inch improvements to existing technologies. There is enough of that going on out there already.

Just like all other H3 research organizations, it will be located in a specially created and private technology park just outside of Newcastle or just south of Sydney.

There will be other Techcentres funded by H3 but IIII will be the biggest. It is likely that apart from the central operation, IIII and GIBR is where I will spend most of my time.

### BARC

The Botanical and Agricultural Research Centre will involve itself in cross-endeavour application in the fields of Agriculture, Silviculture, Arboriculture, Soil Science, Nutrient Cycling and a dozen other related endeavours.

Just like all other H3 research organizations, it will be located in a specially created and private technology park just outside of Newcastle or just south of Sydney.

### ORCA

The Oceanic Research Centre Alpha will be devoted to searching for answers to the ocean’s ills. Its secondary purpose will be to conduct a visual survey and research on the ocean floor, starting with the deepest trenches. New technology has been designed to allow ORCA to accomplish this task a great deal quicker and more efficiently than we can do it at the moment.

Just like all other H3 research organizations, it will be located in a specially created and private technology park just outside of Newcastle or just south of Sydney.

## Fishpjll

The name Fishpjll is an anagram of the first letter in the last name of eight of the most important names in the history of medical breakthroughs; Fleming, Imhotep, Semmelweiss, Hippocrates, Pasteur, Jenner, Lister and Long. The two principal foci of Fishpjll are the cure of Virii (not the treatment), starting with HIV AIDS, and the other is to unlock the secret to greatly extended life, with the majority of the focus being on the indefinite extension of life. We are at a point in our development where we have the frames of reference to be able to start looking at these things in the real world.

I have considered a number of very advanced concepts in both of these issues, but this is the only area of endeavour where I am unsure if my concepts have any validity. The concepts came to me in much the same way as they did for other fields of endeavour, so there is certainly some hope that my concepts to cure AIDS and for greatly extended life will have some validity. We'll find out soon enough.

Just like all other H3 research organizations, it will be located in a specially created and private technology park just outside of Newcastle or just south of Sydney.

## ONE HQ Research

ONE HQ Research will research and develop H3's array of aerospace technology and concepts. Because the budget for this sort of research is going to be enormous it will be ramped up a little more slowly than the others. Having said that though, there is a great deal of preliminary work to be done in H3's designs in this area so although it will move a little more slowly for a couple of years, it won't be that noticeable to the researchers.

Just like all other H3 research organizations, it will be located in a specially created and private technology park just outside of Newcastle or just south of Sydney. But at some time over its first ten years ONE HQ Research will be moved so that it is closer to the ONE HQ Headquarters, whether they be in NW Australia or Sakhalin Island or Africa or somewhere else.



*Principal  
H3 Concepts*

## The Prince Principle

The Prince Principle abridged, is simply to take account of the prevailing human relationship conditions in a macro issue, and to structure what needs to be done accordingly (for true agreement), rather than complain about it and then take the adversarial stance; it is the quintessential negotiating ability. When a negotiator has eliminated sides then a negotiation is over.

“The Prince” is a 16thC book by Niccolo Machiavelli that is considered by most in a negative light, but I interpret it very differently.

## Incremental Commitment

Everybody comes to extreme beliefs through incremental commitment. Incremental commitment leads us from the maybe to the almost completely impossible, a bit at a time, and allows us to believe that it all sounds reasonable when we get there. The idea of incremental commitment is most often seen in our move towards bad behaviour. It is normally stated something along the lines of “if you do something bad then the next time it will be easier to do something as bad and even worse. And the very essence of the power of incremental commitment is when it is obvious to most that it is a step in the wrong direction, but it doesn’t appear so to the one taking the step.

## Superhero Necessity

In this society it is almost impossible for any sane adult to think of themselves as some sort of superhero that can have a major impact on how the world unfolds. Modern childhood society is geared towards fostering the superhero feeling, but modern adult society is designed to show us that we have vulnerabilities and limitations, and most of us come to accept that these are constants; that our vulnerabilities and limitations in one scenario will be so in another but this is clearly not the case. A large number of us are potential superheroes and the very first step is to understand the true nature of the world and to believe. This is a theme that has been overdone in movies since the 1990s and although that lessens the impact of this basic truth in many eyes, it doesn’t make it any less true.

Whether it is inside us or not, every single one of us who wants to make a positive difference in this world needs to believe that they are a superhero and can be THE ONE that will make all the difference, because such talents do not emerge except under

pressure and practice. And if you do decide to try then to do so for six months or even just six years, is not trying at all. It needs to be a life choice or the energy will not be there to make it happen. It needs to be “from this moment on, this is what I’m going to do, and it’s this or death”; there is no in between if you’re to be a superhero. In comics, cartoons and the movies the superhero can be reluctant, but not in the real world. To be a reluctant superhero in the real world is to be no kind of hero at all. In the real world no push equals no result.

## Toxic Saturation Effect

The Toxic Saturation Effect is a term I use to describe the one problem that encompasses all of the biggest environmental issues and includes Climate Change and the Enhanced Greenhouse Effect, Ozone Depletion, Toxic Waste Dumping in the Oceans and Waterways, Land Based Toxic Waste Dumps, Deforestation, Modern Fishing Practices, Whaling and Dolphining, Current Farming Practices, Desertification, Famine and Population Growth, Excessive Damming, Toxic Chemicals Research and Production, Government Policy Processes and a few others.

All of these problems are so heavily interconnected that when one is impacted, ripples are sent through the chain. Fortunately for us this works both ways, so as we positively impact each element of the TSE, benefits will be sent through the chain as well. It is the interconnectedness between all the issues that is the primary element of, and creates what I refer to as the TSE.

## Gender Imperative

There are a few perceptual problems in the area of gender equality at present. The biggest problem is that we’ve come so far, and we like to call what we have equality, but something is ringing in our ears: This is not equality! I don’t feel equal! How can we be there when both national and international policy still reeks of the masculine, of aggression and intolerance? But that’s not the biggest problem. The biggest problem is that nobody knows what to do next, nobody can imagine how to move it forward, and that’s what fosters the whiny outlook so many people have today. And to just make suggestions for moving it forward that could never be adopted in the real world does not mean you know how to move it forward.

Just like AIDS in Africa and the Middle-East Conflict, Gender Equality is a huge sociological issue that cannot be solved through direct means. Obviously direct action is

going to be taken, but for issues like this the direct action is only a distraction. Something to do while others attempt to speed up the process of sociological evolution through other means.

As a general rule it is better to have powerful women in control, than powerful men because the male energy is far more aggressive, and far more selfish. Most people have a little of both, but a woman should never try to be like a man, and for those who are naturally so, it's nothing to be ashamed of, nor is it something to brag about. It's just the way it is and how we manage ourselves, how we manage what's inside us is what brings us shame or credit.

The Gender Imperative is that almost before we do anything else in international issues true gender equality is absolutely essential, or perhaps to put it more accurately, we need to start moving towards it with a whole plethora of indirect activities that is actually moving the issue forward, and globally.

## The Billionaire Proposition

In order to gain their position at the top of the tree and then keep it, wealthy individuals must have a strong intellect. Luck does get you places but it doesn't take you to the very top of the tree on its own. These canopy dwellers have the right skill set to make a major intellectual contribution to solving our problems and all they need is to make the choice to do it.

When one, or several of these billionaires bring both their money and their intellect to bear on the world's problems and commit themselves as they did to build their fortunes, then we'll see some real life superheroes that will be remembered. If an individual wanted to be remembered for centuries, or even millennia, this is how they can do it. Orchestrating a major move towards world peace, or helping to manoeuvre the green industry into a position as one of the pillars of society is the sort of thing that will get you remembered, and it is the sort of thing these billionaires would be able to accomplish, because they know how the world and people work better than anybody. It is the Zeitgeists, or those that introduce the big changes that are remembered, not those who spend their life in pursuit of money, no matter how much money they make, or how much they give to charity.

## Evolution in Mind

We are on the cusp of understanding how to use our mind at a far higher level than we do currently. When we learn how to actively use our unconscious mind to work on the problems that vex us, things will begin to change as if by magic.

## The EOJ Principle

The EOJ Principle is named after one of the chapters in *Add \$50 Trillion and Shake* called *Extrahyoidic Oratorious Jactitation*. Big words and complicated sentences are fun to use, but extensive use of complex technical terms and metaphors or abstracts that can only be understood by a decimal percentage of the population are only used in serious general conversation for one reason. Those who do it should not be thought of as superior; rather, they should be pitied or thought of as fools. If someone needs to assert their superiority in such a manner, then the chances are that they aren't. Machiavellian "antics" aside, the point of any conversation should be an exchange of information and ideas, and this can't happen if people don't understand the words that are coming out of our mouths. Life should be fun and interesting whenever possible, not needlessly awkward and adversarial.

Some prefer and frequently use complicated language to discuss solutions to our biggest problems in excruciating detail. It can be fun for intellectuals to do so, but it is a counter-productive thing to do because we're already talking about complex issues, and if we use our intellect for sentence structure and complex word salad, we're training our intellect away from the relevant and towards the irrelevant. This is in addition to the fact that only one in one thousand will actually understand what you're saying, and about two hundred out of every one thousand will pretend they do.

## The SIC Principle

The Sociology Innovation Co-ordination Principle. Over the coming centuries it is going to become very important to match technological innovation with sociological development. Because so many large tracts of society lag behind in their social development by decades we need to keep the mainstream social development moving along as our technology develops. As the centuries progress more powerful weapons and more dangerous technologies are going to become accessible to those who lag behind. The more socially developed we become the more in sync these two groups will

become. Sometime over the next thousand years the group that lags behind will become an endangered species.

## IIIP Principle

The IIIP Principle (pronounced 3iP) is all about the danger of focusing in on small developments in our research endeavours. It stands for Inch Improvement Innovation Poison Principle.

All research work of any substance going on in the mainstream is all about inch improvements to existing technology; this is where the safe money is to be made, although hardly enough to justify the institutionalization of this intellectually stunted research. Only in extremely rare cases will this focus lead to significant breakthroughs. In a world that is dominated by money we focus in on this intellectually stunted research at the expense of that which will lead to great discoveries. This switch in focus from what we did in the centuries before was done so gradually that we can't even see that this is what we've done, much less see what is wrong with conducting science in this fashion.

Unfortunately the small amount of research that is funded outside this ideal is given to those who focus their efforts on the left brain aspects of developing new technology rather than the right brain aspects of developing new technology. No major real world breakthrough has ever occurred by focusing on the left brain aspects of the science. The creative lightning strike is where all discovery begins, and to focus in on the mathematics of a potential discovery before you have the lightning strike is not going to get you anywhere in real world development.

Now although you don't need to be Einstein or Faraday to figure that one out, it is something that our education leads us away from. Those who come to this realization mostly come to it with age and experience, and this is a very important point. Experience of life is an essential ingredient for creativity, to understand it or to channel it. Could this be the reason our wunderkind of the last century have produced nothing; nothing within a lion's roar of their promise.

## PR Principle

The Political Reality Principle states that we must not be blind to the limitations and true motivations of politicians. Politicians can only react to current events and can only

do so with direct action. Because of this they can never be expected to solve any of our biggest problems. This is not an insult simply a political reality. Another reality that falls under this principle is the understanding that being re-elected is the main focus of every politician. And in regard to politicians that serve under conservative parties, re-election aside, they think of money first and second, and every decision they make in government or in opposition is informed by this focus. There are many other aspects of the Political Reality Principle.

## The PPP Principle

The Post Party Political Principle. As we become a more enlightened society the conservative parties are going to become increasingly more marginalised. As our focus on money gradually falls away one of two things will happen. The conservative parties take a genuine ideological step to the left or they will become hardened and concede to the policies and ideologies of the hard right in their party. Whichever way it goes, the dominant ideology of government will become centrist in nature, and wherever it comes from it will be genuine rather than disingenuous and done for the sole purpose of being elected. Either way it could be a long time in the wilderness for conservative parties from this point.

## The UNUSA Principle

The United Nations should not have residence in “Rome” because there is an implied quasi-overlord feeling to it all that has contributed to the UN’s growing irrelevance in the past few decades. There was a true test to gauge the United Nation’s position in the world at the beginning of 2003 that would be the first step towards enhancing the strength of the UN, or would be an illustration of it’s increasing irrelevance and show very clearly that it cannot have residence in “Rome”. Countries like Taiwan, Singapore, Canada, Australia or even Turkey would be better locations for the United Nations.

## The Generational Effect

The greatest strength/benefit behind H3 is something that could not be seen except under detailed analysis. It is the Generational Effect. Every idea, every motivation, every strategy inside H3 is designed to make the world a better place. These ideas,

motivations and strategies have been shrouded inside a huge cloak of making more than \$50 Trillion (by the time the dust settles). So people in this generation will see the action and how much they can get out of it and they will do it, but mostly they will only do it because the money is there to be made. We should be under no illusions about that.

But this is the Generational Effect: This generation will do what they do for the money. Whilst they're doing what they're doing for the money, we stop cutting down native forests. Whilst they're doing what they're doing for the money, oceanic fish stocks are returned to pre-industrial society levels and Whaling is no longer. Whilst they're doing what they're doing for the money, the issue of Climate Change is completely solved. Whilst they're doing what they're doing for the money, a billion who would've died every ten years around the world will no longer die. Whilst they're doing what they're doing for the money, the half a dozen other major issues that plague Africa are well on their way to being solved.

This generation mostly does it for the money, but the next generation mostly only sees the altruistic outcomes; the actions that solved all of these problems. They mostly see only the good example to follow, and the generation after that only see the good example to follow. This is the Generational Effect, that regardless of the motives of the first generation, if there is enormous, positive outcomes from the action, the next generation see the good example of doing the right thing, and within a couple of generations the right behaviour becomes ingrained.

## The UU Principle

The Utilitarian in Ubiquity Principle is a new name but it is based on a very old philosophy. The UU Principle states that even a single life must not be chosen by others for sacrifice to save another. A single life must not be chosen by others for sacrifice to save a hundred, a million or even six billion lives. If you can't see an alternative to such sacrifice then you're not looking far enough. Think Harder. Only the individual can choose to sacrifice their own life to save another, a hundred or six billion.

If we choose others to sacrifice so that we, or even the entire human race can survive, then what is left after such a decision is not worthy of survival, not worthy of being called human, or at the very least is not worthy of being called evolved.

Think Harder, as it is the only thing that separates us from the other animals.

*Additional  
H3 Elements*

## H3 Headquarters

If you have gotten this far then you definitely have the message that this operation is enormous. All you need to do is look at the Table of Contents to see that we need a very substantial headquarters.

I noticed with pleasure that the *Barangaroo* development near Darling Harbour has been delayed. It is currently the intention to propose a redesign of this development to include the H3 Headquarters.

The H3 Headquarters is currently designed as a 110 storey tower that will rise at least six hundred metres above ground. The design is very slick and will set off the Sydney skyline beautifully. It is possible that such a thing will not be possible, but if this operation is everything I'm suggesting, who would say no to it. It is not simply going to be a big ugly vertical rock that will ruin the site, quite the opposite.

With H3 coming onto the scene as it will, such a headquarters is a necessary statement. H3 Headquarters will have very high ceilings, will contain over ten thousand personnel and have facilities that visitors to the *Barangaroo* site will be able to use including a dozen floors for a hotel, three floors for food courts and restaurants at about 450 metres up and several fitness related floors.

## H3 Research Park

The H3 Research Park will also be very big and will house BARC, ORCA, IIII, Fishpjl and the ONE HQ Research centre although it will be moved to be closer to ONE HQ Headquarters after a decision on its location is finalised.

The H3 Research Park will be located just outside Newcastle, or south of Sydney (but north of Wollongong) and each of the research operations housed there will be amongst the biggest in the world in their fields. The entire park will probably end up being around ten square kilometres in size and perhaps even bigger.

## New Renaissance Conference

The subject matter of the conference is an exploration of eight social, political and economic reforms that will increase the size of the global economy by over \$30 trillion at the same time as solving many of the world's biggest social and environmental problems. The reforms have been structured so that although they are reforms of change from one standpoint, they are designed to maintain the power and financial

status quo of those in power. Those who have power and money today will have more of both tomorrow under these reforms.

Because of the *gravitas* of the subject matter it is believed that the register of speakers for the New Renaissance Conference will include several of the most important speakers available. Those who will be asked to speak will include Bill Clinton, the Secretary-General of the UN, Chair of corporations such as Morgan Stanley, Exxon and HSBC, David Suzuki, Mohammad Khatami, Noreena Hertz and several other high profile academics including the current President of Harvard University.

The subject matter paints the New Renaissance Conference as a must-attend for all top tier politicians, bureaucrats, corporate CEOs and board members and it will be as big a conference as the host city can handle. A congress of 20,000 is not out of the question and the program can be expanded if required. Obviously if we get the speakers, and we should be able to get several if not a majority, we will have ten times more people wanting to come than we have space for.

## ONE HQ Headquarters

The ONE HQ Headquarters will be established no less than five years after the main H3 operation begins and is unlikely to operate as a spaceport (for exploration, business or pleasure) for several years after that.

The general idea is that ONE HQ will take over space exploration from all the various government controlled entities like NASA and the Euro Space Agency. And that it will be conducted under quasi-oversight by the United Nations (neither controlled nor responsible for its budget) with a mandate to do what is required to move the human race forward into space.

The seed technology for ONE HQ, which is almost certain to be based somewhere in Australia, will come from H3 operations, starting with tks Propulsion, GLALT, MASS, JLP, SES and AGS MagS.

ONE HQ stands for Offworld Navigation and Exploration HeadQuarters.

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