



International House, 36-38 Cornhill, City Of London.
totrade.co, info@totrade.co, [WhatsApp](#), [LinkedIn](#)

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● ECCIL EuroCham Laos	Posted via Social Media	Live. 1:
● Lao National Chamber of Commerce and Industry (LNCCI)	Posted via Social Media	Live. 1:
●		

For “La Elaha Ella Allah Holdings Limited”, “World Peace Development Holdings Limited”, and “Totrade Ltd.”,
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TO WHOM IT MAY CONCERN,

This proposition is not only extremely rare and unique, but it is also entirely inclusive in that it is to satisfy and fulfil not only all of the basic needs and requirements of life for all mankind, but it is to support millions of diverse peoples to thrive and strive, to achieve their own true and uniquely individual potentials.

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The objectives of 'thrive and strive' summarize not only the creation of this exciting self-fulfilling prophecy but also the realization and activation of the hopes and dreams of millions of people for a peaceful and harmonious post-COVID relationship, not only with their natural environment but also with each other. First comes inspiration, then belief, followed by the gestation and creation of that all-encompassing solution eagerly awaited and necessary. The contractions have started; the time is right, and the time is now for the financial induction of the birthing process: The Hydroloop™ System, **the hearts and bloodstream for the Earth^(R), spaceships, other planets, each including Spaceports.**

WHAT IS THE HYDROLOOP™ SYSTEM ?

As part of the initiative to improve the state of the world, the next cleanest multi-function mass transport system involves using water, geothermal energy, and hydrogen to construct artificial hearts and circulatory systems for Planet Earth, spaceships, and other planets. This innovative system is called the Hydroloop.

The process involves using greywater, which is relatively clean wastewater, and injecting it first into geothermal hotspots like hot springs and Primary Water Cycle. This can generate high-pressure steam that rises to the surface to release Earth's internal pressure directed directly to power long-distant **Hydroloop™**System. The cooled steam that become liquid can then be diverted to top-up dams that feed local **Hydroloop™**System and produce more electricity at endpoint. Additionally, the availability of water and gases can potentially be used to the widespread creation of hydrogen fuel without logistic burden leading to high cost. Moreover, the heat exchange process can purify the water, making it free from bacteria. Heat and coldness could be interchanged. Such a system could significantly contribute to a net-zero carbon footprint while distributing clean water, energy, and hydrogen.

The Hydroloop™ System generates potential and kinetic energies, providing abundant water, electricity, and hydrogen globally and space programs with a clean transport system. It aims to achieve sustainability goals with zero direct emissions, transforming travel and maritime transportation. It addresses global warming, overpopulation, economic crises, pollution, inequality, health disparities, and supports Pro-Poor development. Additionally, it enhances resilience against external threats like asteroid collisions and cosmic energy bursts leading to [cataclysm](#), progressing towards a Type One civilization.

At the same time **answering to 6 challenges accepting solutions:**

1. **Clean energy transition:** The energy transition is a significant structural change in an energy system. Historically, these changes have been driven by the demand for and availability of different fuels. Energy transitions can also result from depletion of limited and irresponsible energy sources, for example, whale oil for illumination and wood for iron smelting in Europe, palm oil for oil, rubber, and other trees for paper. Lately, the transition to solar and wind was proven big mistakes and Elon Musk Hyperloop a failure.
2. **Tackling air quality:** more water availability IS to decrease deforestation by drought and extinguish forest fires, to increase green spaces in cities and deserts, to lower heat island effects and pollution. Therefore, **The Hydroloop™ System IS to reduce particles in the air.** Global demand for oil is collapsing. If Arab oil states IS not to wean their economies off the black stuff toward what we ARE proposing here, they ARE to suffer a similar fate as cities will be designed for navigation without the black stuff.
3. **Achieving Health Equity:** **The Hydroloop™** aims to reduce health disparities by promoting healthy lifestyles and access to nutritious food. It addresses inequities in resources, particularly freshwater needed to grow fruits, vegetables, and fish for a healthy diet. The determinants of health include living and working conditions, education, income, neighbourhood characteristic, social [inclusion](#), and medical care. An increase in opportunities to be healthier will benefit everyone but more [focus should be placed on groups that have been excluded or marginalized in the past](#). Change and implement policies, laws, systems, environments, and practices to reduce inequities in the opportunities and resources needed to be as healthy as possible. Eliminate the unfair individual and institutional social conditions that give rise to the inequities.

4. Mobilisation on Climate Change IS to void an irreversible tipping point:

- The True Business White Paper to limit global warming to 1.5 degrees Celsius by targeting net-zero emissions by 2050.
- by physically exchanging natural heat with coldness, solve flood and drought that will solve desertification and allow the development of extreme regions including Siberia and Desert-Belt corridors.
- Reduce roads, airports, rail tracks from freezing and get rid of snow.
- Reduce sandstorms or infrastructure overheating.
- Reduce level of pollution (air, water, land, and in space),
- solve energy crisis, food crisis, and water stress.
- solve climate change related issues,
- increase food production and land values,
- restore biodiversity...

5. Climate Adaptation IS to integrate Public/Private Partnership (PPP):
new products and services development will generate a win-win for both public and private sectors such as the increase of well-paid multigenerational jobs, therefore GDP and tax revenues increases. It will allow Nations to decrease their debts, avoid pension funds shortfall, even increase it.

6. The : HYDROLOOP: System is the solution to the World's biggest Water Challenges:

In addition to solving previous 5 points, **The Hydroloop™ System** will allow the possibility to transport heavy loads from and to space at the fraction of the current cost making large-scale exploration of the infinite resources possible.

With this : **HYDROLOOP™: System**, we can talk to other rich Nations and big Corporations and any big project in Laos and Thailand will be profitable including big airports, all railways, highways, all airlines, hotels, entertainment, logistics, finance, real estates, education... all the way to real Space Programs creating well-paid job opportunity for many generations.

Who we are?

The Hydroloop™ System founder is the Soul beyond the man, copy-right by **: Phouthone-Thone: Siharath**. With The **Laos-Flag-State**,-and Hydroloop— <https://bit.ly/EUHYDROLOOP>—copy-right/copy-claim trademarks. He works in food production, logistic, restaurants franchises for over 30 years and adviser to Lao government and businesses on how to develop Laos and the region by proposing: The [high-speed link from China](#) and **The Hydroloop™ System** as the solution. His supporting team members are from around the world in the fields of finance, mass food production, laws, sustainable development, environment, healthcare, education, entertainment, ...

Who does it benefit?

The Hydroloop™ System IS to benefit the whole planet including fauna and flora. It IS to reverse desertification. The under-developed regions can become developed sustainably using **The Hydroloop™ System** as the cleanest multi-purposes systems. This is the real and realistic global post-COVID recovery program.

How much The Hydroloop™ System cost?

As money is just a balance between promissory and productivity, we are to take-over the collapsed supporting businesses that **The Hydroloop™ System** IS to depend on how to build it to minimise costs. The rest IS by The finance of The modern money mechanisms.

The Hydroloop™ System updated PDF File is totrade.co/spaceby50

Eliminating Previous Similar projects issues:

- **Electromagnetic fields shielding:** Electricity is the electric flow of “current” hopping from one atom to the next. All electromagnetic radiation has an electric and magnetic field — hence the name. However, each type behaves differently and can cause different physiological responses. By shielding **The Hydroloop™ System**, the electromagnetic fields remains inside the internal structure.
- **Costs Management:** The Hydroloop™ System is the Global scale solution. It needs global integration in finance, infrastructures connectivity, real estate integration with low-cost build-in low energy and resources consumption and high-grade renewable housing, farming, industrial, and space exploration modules.

- **Solving Previous failed Similar Concept Issues:** many attempts to use a tube as transport system have failed as the concept. Our : **HYDROLOOP™: System** team knows how will solve those previous issues.

The Hydroloop™ System for Global Hemp and bamboo Production by distributing water, electricity, and as a clean and cheap transport system.

- **Solving Pollution Issues:** maximize biodegradable hemp-based products, instead of petroleum-based plastic: hemp usage is connected to thousands of parts in our : **HYDROLOOP™: System**, in commodities and household items. Hemp is used to make canvas, boat sails, clothes, paper, ship rigs, twine, fish nets, biodegradable plastic, and so much more. Hemp plants grow up to 15 feet tall and take only 3-6 months to finish growing. Hemp plants are amazing at absorbing CO2 from the atmosphere, which allows them to grow very fast. **The Hydroloop™ System** will allow hemp cultivation on every continent on Earth with the exception of Antarctica which is too cold for it. It is important to know that hemp is different from the other cannabis cousin plant, marijuana. You could call hemp if you looked at it as a family relationship. Yes, they are family, but they are both different in more ways than one.

Hemp is a taller plant than marijuana. Most of its leaves are located toward the top of the hemp plant, keeping closer together as it grows. Additionally, the hemp plant has the ability to be grown in a wide range of conditions. It does not need the same care as the marijuana plant.

Both cannabis sativa and industrial hemp come from the same cannabis sativa species and have psychoactive THC, but hemp has much lower amounts of THC, the part of cannabis that gives the user the “high” feeling.

Moreover, it grows quicker and easier than the marijuana plant.

Hemp as Human Food

Hemp uses include human food. You can use it in quite a few recipes. Because of its health benefits, humans can consume it. You can make salad oil using hemp. Hemp seeds are eaten in the same way you eat regular nuts. You can add hemp seeds to your cake batter to produce baked goods. Hemp is high in essential fatty acids and amino acids. These are important to your diet. You can crush the hemp seed and make oil or flour. As food, hemp is incredibly versatile. Hemp seeds can be eaten raw and made into hemp meal or into a liquid form and used as a hemp milk.

Hemp oil is high in unsaturated fatty acids and is commonly used in the kitchen as an alternative to other cooking oils.

Even the leaves of the hemp plant can be eaten. People often eat hemp leaves in salads or press the leaves to make a healthy hemp juice.

Hemp seeds are full of protein. They can provide over 2/3rds the daily value of protein per 100-gram serving. Hemp seeds are also high in dietary fibre, B Vitamins, phosphorus, iron and magnesium.

Hemp oil contains many other as well, like potassium, copper, vitamin A, vitamin B1, vitamin B3, vitamin B5, vitamin B9, and chlorophyll (hence the green colour).

Hemp as Pet Food and Animal Bedding

The hemp plant can be used in pet food since it has so many healthy proteins. When given to cats, it makes their coats shiny and healthy. It can also be used as a dietary supplement for nourishing dogs, cows, and horses. Hemp seeds are also enjoyed by birds. Hemp uses also include pet bedding for animals such as guinea pigs, rats and other rodents. It is good to use in cat litter.

Hemp shives, found in the stem, are used for animal bedding and mulch. Owners of horses often use hemp bedding for their horses to lay on.

Hemp for Animal Feed

As cattle feed, hemp can increase performance and health in animals.

The seed is high in fatty acids, Omega 3, Omega 6, Omega 9 and GLA all of which are needed for raising healthy cattle.

Agricultural hemp contains less than 0.3% THC, when compared to marijuana humans use which often has 5% to 35% THC.

Recent changes in the United States hemp laws have opened up a new opportunity to use hemp more regularly in animal feed as an alternative to the destructive chemical-laced or corn based feed that has caused so many problems, both environmentally, and health wise for animals and the humans who consume them or their nutrients . Several US companies are looking into the use of hemp products in animal feed and this is a huge step for the US cattle and farming industry. Bees Love Cannabis! Researchers Discover Hemp Could Help Restore Bee Populations.

Clothing

Hemp is used to manufacture clothing such as jeans and sport clothing, lingerie and other high fashion apparel. Hemp uses makes clothing last longer.

Some of the celebrity clothing labels that use hemp fibers are Ralph Lauren, Armani and Calvin Klein. Hemp is one of the lightest fibers available, giving clothes a lightweight and breathable feel.

Plastic

Plastic products made from hemp are usually biodegradable and can aid in reducing landfills. In the past, hemp uses spanned

packing materials and products like CD jewel cases.

Bioplastics are plastics made from renewable biomass that are 100% toxic free.

Bioplastics have less of a negative impact on the environment and can reduce CO2 emissions when compared to traditional petroleum based plastics.

Bioplastics can be used for lots of things, like straws, bags, bowls, bottles, forks and knives and spoons and much more. Hemp plastics are derived from the stalk of the hemp plant and have a very low environmental impact.

Paper

Paper is sometimes made using hemp. It is more economical to use hemp to make paper. It saves the trees and protects the wildlife and forests. This is a nice way to protect the environment.

The first paper on earth was derived from hemp. Hemp paper is eco-friendlier and more sustainable than paper from trees. Hemp can be produced much faster than trees can.

Construction Materials

Hemp plant can make strong and durable materials for construction including The Hydroloop™ System. For example, cement made from hemp uses minerals and core fibers. When hemp is used, there is stronger resistance to bad weather and less damage incurred during bad weather.

What is Hempcrete?

Hempcrete is a mixture of hemp hurds and lime. It uses less limestones than cement.

Hempcrete is commonly used as a material for insulation and construction.

When compared to concrete, Hempcrete is easier to work and is not as brittle, meaning Hempcrete does not need expansion joints when using it for building, therefore eliminating tube expansion, better isolation from heat/cold and electromagnetic fields.

Hopefully recent changes in Hemp laws will one day make Hempcrete the choice of builders around the world including The Hydroloop™ System.

Fuel

Hemp uses includes making fuel such as bio-diesel. The petroleum industry has embraced the use of hemp in making its products. Ethanol production is also popular in the hemp industry.

Hemp biofuel could begin to lessen our dependence on fossil fuels. It can be a great fuel source and alternative to those which cause a multitude of issues for the environment.

Hemp Batteries, better than lithium and graphene

Now, with battery-powered vehicles starting to replace those that use combustion engines, it has been found that [hemp batteries perform eight times better than lithium-ion](#). Is there anything that this “criminally” underused plant can’t do?

Space Exploration

Hemp uses as space exploration materials is as beneficial as using on Earth. From space building, isolation material against electromagnetic fields, to heat/cold shielding in deep space, to commodities and materials inside the spaceship.

The Hydroloop™ System for Global Hemp Production

The only solution to allow global hemp production is The Hydroloop™ System. Once achieved, the world will repair itself and will proudly allow human progress to Type One civilisation without Earth destruction. We will be capable to sustainably explore resources across our solar system. This is the logical, natural and responsible process to allow us to explore our own galaxy.

Ignoring, opposing, or rejecting this business plan will be the foolish and irresponsible choice for your own and your children future your organisation has ever made.

A reminder to World leaders and businesses: not any country can fully develop if it can't solve current flood, drought, energy crisis or whatever future Climate is changing to. Not any continent including American, African, Australian, European-Eurasian continents.

:Confidential:

At the Gulf of Thailand:

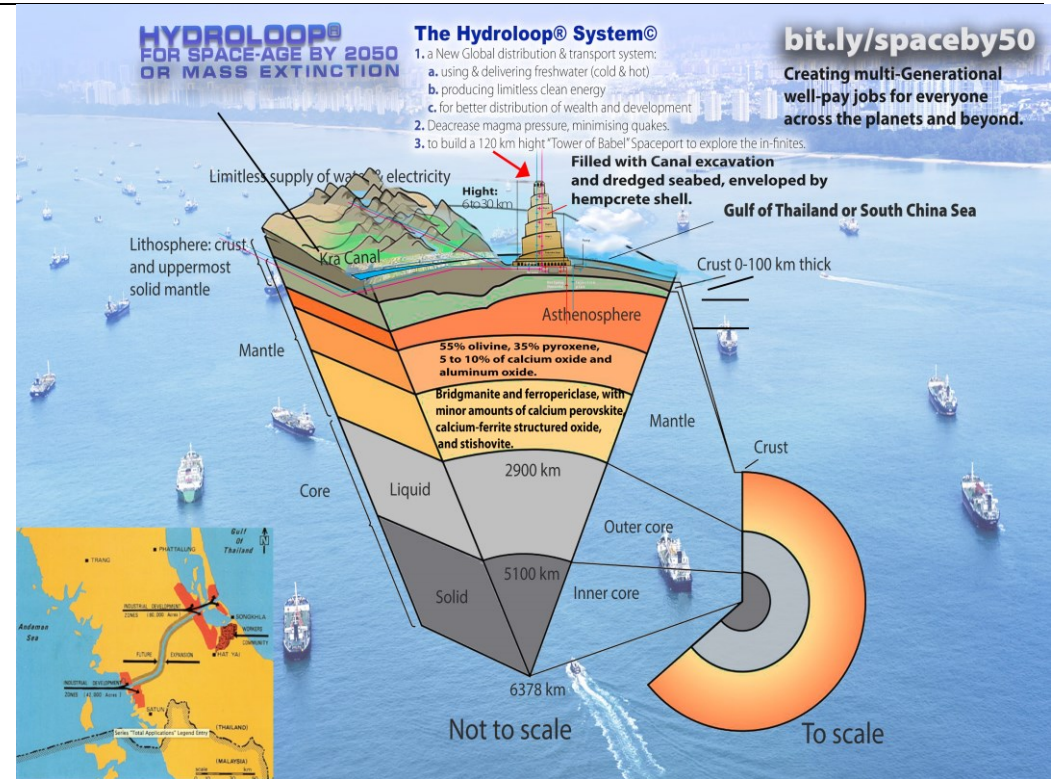
To begin, the most suitable location to minimize risks, costs and better creation and distribution of wealth greater than relying on tourism and other consumers.

At the same time and using same resources as to build the Kra Canal, the created system will inject seawater and aquifer below the sea to magma chamber. It will create high-pressure and produced freshwater will condense in higher ground, creating the Bernoulli equation effect to distribute water across Thailand for their needs. The excess could be stored at Laos:

In Laos

After freshwater is cooled at high altitude, potential energy is transferred from heat to hight to partially used to produce electricity, Both will continuously power **The Hydroloop™ System** delivering water, first to expand hemp production.

To create return loop, after water is used, example in Africa, it is to create rivers and replenish aquifers there and water will be injected to magma chamber and cooled at high altitude and partially used to produce electricity, potential energy is transferred from heat to hight to electricity, continuously power **The : HYDROLOOP™**: return loop transport **System** and to supply water to the whole Africa and South Asia creating the mass transport system for the region and connect the system with the South East Asia **HYDROLOOP™**.

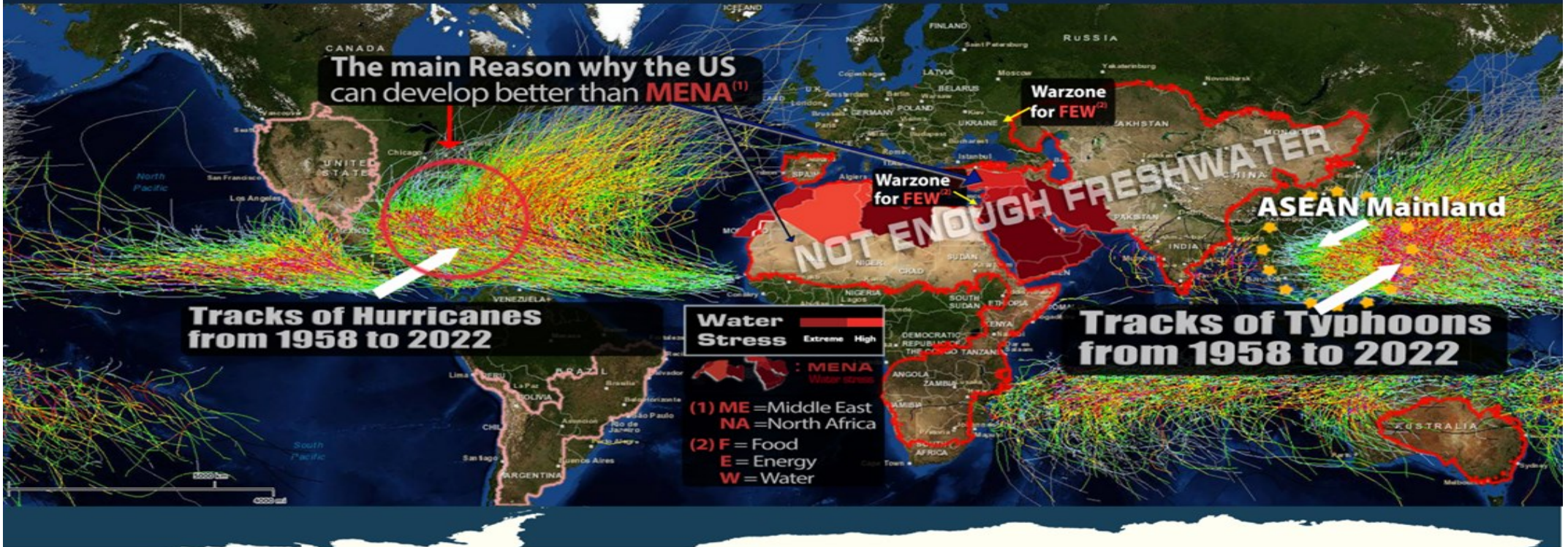


In South America, North America, Europe, and North Asia, **The same : HYDROLOOP™**: transport **System** will complete the Global loop and supply the world with energies-electricity, hot/cold water-and a clean transport network capable to lift up heavy materials at a fraction of the cost of actual space programs making mass space transportation a reality.

Our challenging times call for new ideas and bold leadership. Inequality, lack of trust in institutions, and general unravelling of the social fabric are becoming more pronounced globally.

These challenges won't be solved by one entity, one industry, or even one sector alone. It will take the collective actions and commitment of all of us. It will also take private sector ingenuity and innovation to ensure that our global economy meets the needs of all people while protecting the planet.

ASEAN Mainland, “Humanity’s Last Hope”



Canada, US, Russia, Europe, N&E Asia
 Longer and colder winters, irregular summers

Tropical Zone
 Hotter Dry season and wetter monsoon seasons.

Globally: Climate is Collapsing heading to Cataclysm

ToC

By adding:

- Tropical Cyclones, the monsoons/rains:
- from the Indian Ocean, the Gulf of Thailand & the Huge Pacific Ocean,
- The Global Jetstream, the melting Ice from Tibet

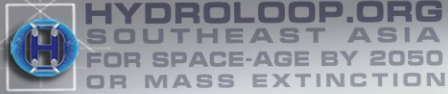
Confirm the warm tropical monsoon climate region of SE Asia, Laos has **too much freshwater**, most are under, not too deep, mountainous ground, stored, flowing down, refilled each year since aeons.

The above Map, combining Tracks of Tropical Cyclones from 1958 to 2022 and desert-belts clearly indicate where there is too much freshwater and where there is not.

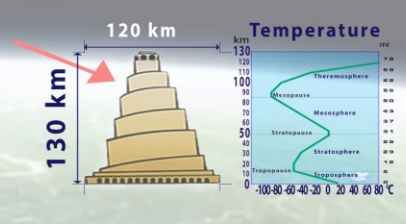
Claims:

The : HYDROLOOP™: is **the Earth artificial hearts and bloodstream** (R) : to transfer freshwater, using geothermal, kinetic, and gravitational energy from freshwater over-abundance regions and times to freshwater stress regions and times. The : HYDROLOOP™: is the clean transport system with the kinetic, thermal, and gravitational energy transfers. Once the dry region is charged with water, the : HYDROLOOP™: opposite and returning cycle is possible, closing the : HYDROLOOP™: loop.

The : HYDROLOOP™: is a **Spaceport**: to physically link Earth with Space to transport heavy materials and lots of people at a fraction of the rocket system costs.



- Filled with
1. Mekong & tributaries excavations,
 2. Lao mountains
 3. sand from desert-belts, enveloped by Lao limestone and hempcrete shell.
- Limestone formation in Laos is among the biggest in SE Asia, more in Viet Nam and South China if needed.



bit.ly/spaceby50
 Creating multi-Generational well-pay job for everyone across the planets and beyond.



Hight: 6to30km



Filled with Canal excavation and dredged seabed, enveloped by Lao limestone and hempcrete shell.

The Hydroloop® System©

1. a New Global distribution & transport system:
 - a. using & delivering freshwater (cold & hot)
 - b. producing limitless clean energy
 - c. for better distribution of wealth and development
2. Deacrese magma pressure, minimising quakes.
3. to build a 130 km high "Tower of Babel" Spaceport to explore the in-finities.

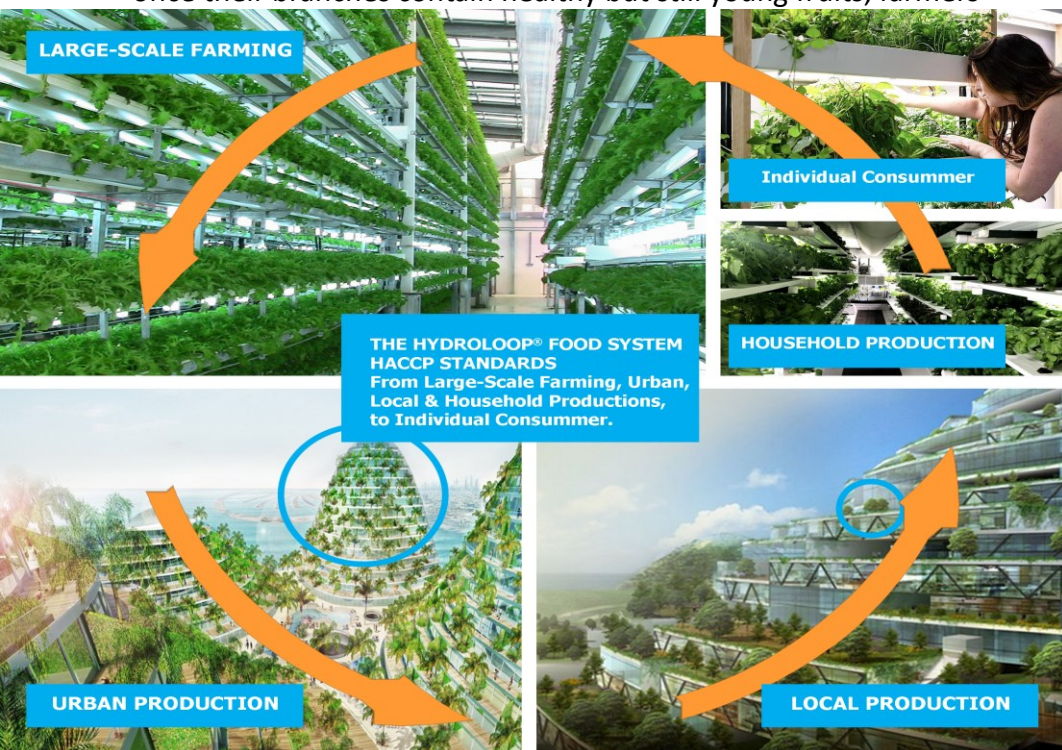
The Hydroloop™ System, the necessary steps for Type One Civilisation.

: HYDROLOOP™: End-Users Supplies of water, energy, and transport system:

In addition to the transport system, the distribution of electricity and telecommunication, The Hydroloop™ System will supply enough cold and hot water to every building needs, the end-users. There's no waste water in the : **HYDROLOOP™**: aquaponics System. Everything is recirculated and cleaned biologically. You can imagine how precious water is in a desert environment that The Hydroloop™ System will supply continuously. Aquaponics is like inter-connected oasis that can thrive in inhospitable places around Planet Earth and beyond.

1. To generate electricity when high-speed water exits the pipes
2. To green and cool the building
3. To provide water for consumption.
4. To grow food for the residents and the community's need.
5. The : **HYDROLOOP™**: will be used as the transport system of goods and high-speed data
6. The : **HYDROLOOP™**: with build-in aquaponics system will reduce plastic usage by delivering living fish and near-ready to consume still alive fruits and vegetables. As an example, for fruit like orange, once their branches contain healthy but still young fruits, farmers

can prune each tree branch. Once their root is established, each branch will become a small tree with near-ready to consume fruits. The young trees will be transported to next location to continue to grow. The Hydroloop™ System will ensure that fruits or vegetable will be at household production zone, ready for raw consumption while they are still alive. They can be replaced, and the used tree will be relocated to next farm to grow more fruits. The process will use less single use plastic packaging and energy and healthier living standards by creating more alkaline body instead acidic.

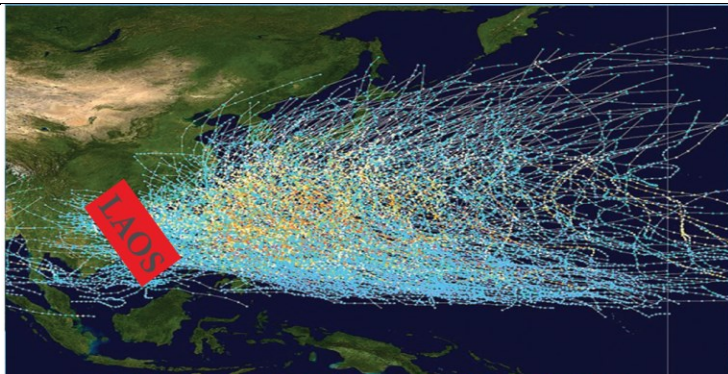


The New and real green cities in the areas between 20-degree latitudes that have daytime temperature above 30°C will look like this.

Food production that will include plants and fish will be mostly automated. Food will be mass-produced in large-scale farming and transferred to Urban Production that will be dispatched to continue to grow in Local green areas and continue their way to Household Production until reaching individual consumers while remain fresh all the time reducing single plastic and unnecessary energy consumption. The production cycle will comply with any country HACCP food safety standards. The alternate phase before full exploration of the Universe, the : **HYDROLOOP™**: will allow the building of semi floating ring across the Earth to avoid Cataclysm events, restore fauna and flora on Earth. Industrialisation and development will happen in zero gravity with zero pollution of Earth as waste could be recycled or disposed by sending them to be incinerated by the Sun. The semi floating ring will open up the new clean energy and high-speed and cheap global with launchpad from zero gravity and universal spaceport transport system both on Earth and for the Space Exploration.

For Space Exploration supply, the HACCP-Space version will ensure the hazard detection from outer Space and from Earth.

This : **HYDROLOOP™**: system will produce enough food to support current Global Population and will grow in-line with population trends and will support fauna and flora wildlife to re-generate and green the desert-Belts and to supply Space Exploration Programs.



TRACKS OF WESTERN PACIFIC TROPICAL CYCLONES

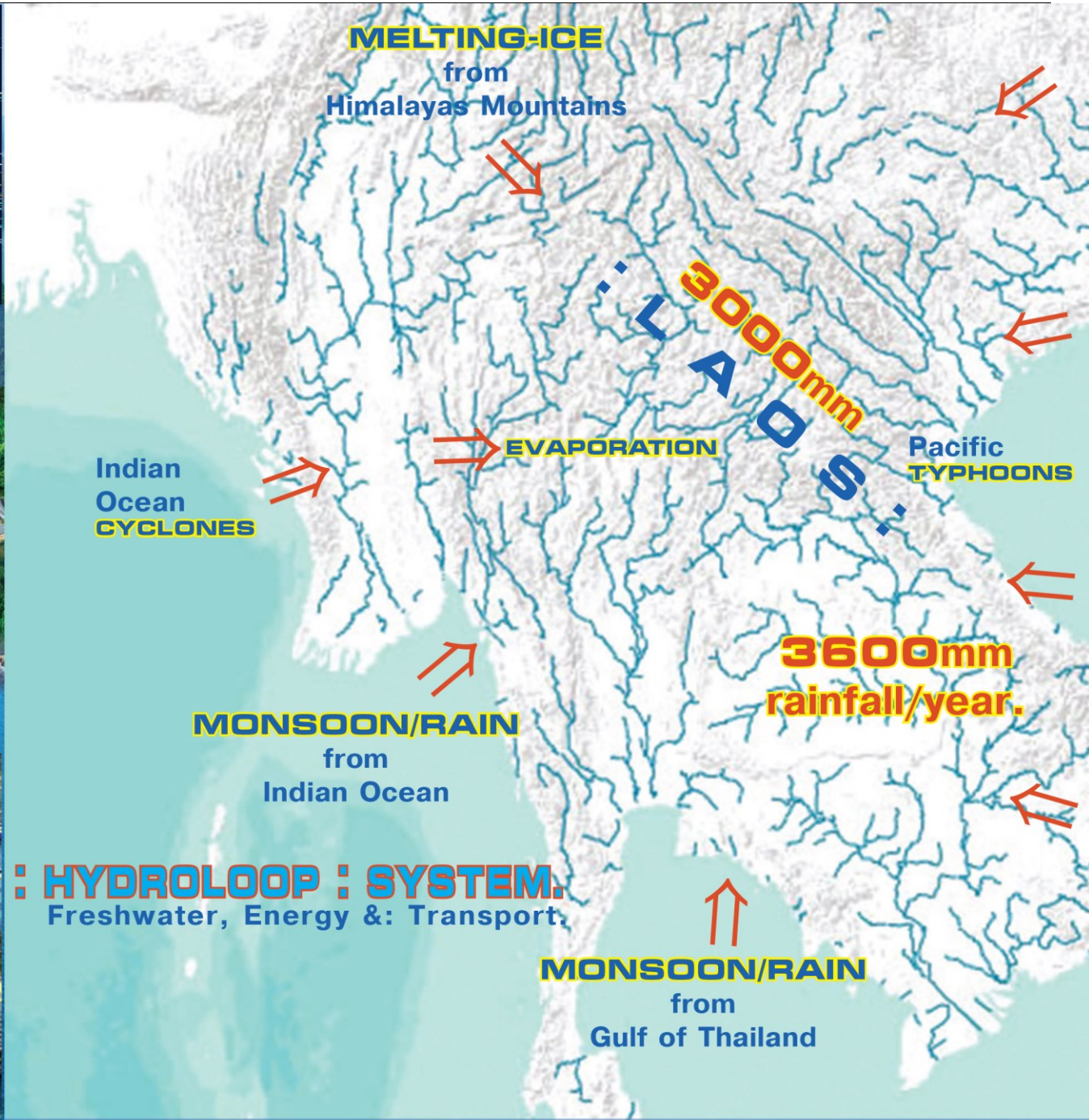


HYDROLOOP
team@hydroloop.org

FLOATING AQUAPONIC INTEGRATED RECONFIGURABLE CITY COMPLEX MODULES



HYDROLOOP : WATER & ENERGY SUPPLIED AQUAPONICS ACROSS THE DESERTS.



HYDROLOOP : SYSTEM.
Freshwater, Energy & Transport.

RIVERS-IN-LAOS, & THAILAND & CAMBODIA & VIET-NAM.

CLAIMS

The Hydroloop™ System, a critical enabler in the drive for net-zero and the new enhancer of banks, insurance, pensions and other financial approaches to managing future global financial risks for Rapid Human Progress from Type Zero to Type One Civilisation.

We are Type Zero Civilisation, cannot reduce or avoid flood, drought and many natural or man-made risks, with increased environmental destruction, still fully dependant of fossil-fuel, other Earth finite resources. To help the world meet its 2050 net zero target and other environmental objectives, **The Hydroloop™ System** is the solution.

But with the present rapid increase of population and consumption, the dependencies are going to get even worst as Earth finite resources consumption will be far beyond the world carrying capacity that cannot be answered no more by present depopulation and future reductions in the birth rate by contraception, sterilization, abortion, [using viruses, vaccines](#), zero growth global economic policies, boom/bust cycles, race wars, class warfare, divide and conquer, authoritarian governments with unpayable debts... All these efforts have failed as the number of World populations keeps increasing. As we are at a [critical time](#), here, we propose an alternative and realistic solution:

DESIGNING AND BUILDING TYPE ONE CIVILISATION

- Industrial Transition to harvest the entire Earth clean, sustainable, and responsible energy and repair its environment.
- And use harvested energy to explore other planets and nearby asteroids around our solar system.
- That will allow us to upgrade from type 0 to Type 1, then to Type 2 Civilisation in order to move to Type 3 civilisation to harvest an entire galaxy with a quicker time span.

TO SOLVE TYPE ZERO GLOBALISATION PROBLEM, WE NEED TO PROPERLY STUDY THE REAL GLOBAL RISKS

Global Risks studies require an amalgamation of Astrology, Geochronology, Geochemistry, Sedimentology, Tectonophysics, Palaeontology, Paleoecology, Glaciology, Archaeology, Chemistry, Physics, Solar physics, Astronomy, Physiology, Sociology, Biology, Economy, Commerce, Banking, History, Geopolitics, Lawful/Legal Human Rights, With basic knowledge of gardening, audio/video publishing, ITC, communication, common-sense thinking, and of course Risks Assessment. By going through this document, you will learn an amalgamation of the above subjects:

If you fear that there is no solution to growing Global population and problems, here, we lay the foundation of **The Hydroloop™ System** that will do the job to **replace failed Globalisation by more promising Universalisation, possible with Space resources Exploration, possible by utilising freshwater and sand to build a bridge to explore the Universe and solve all the world's problems, therefore, solving increasing Global population.**

Mass extinction events are caused by 4 laws of thermodynamics. To prevent them to cause another mass extinction again, the logical solution is to outsmart them. Finance is not an issue as in modern banking, it's just numbers created by banks. Once numbers are used, products are created, jobs are done, banks can run away, but what is done remains.

REAL SOLUTION TO GLOBAL RISKS (ECONOMIC CRISIS, FEARS, OR ANY PROBLEM)

► **The Hydroloop™ System** is the replacement of the failed Elon Musk Hyperloop and better space programs as **The Hydroloop™ System** will allow cheap transport of heavy loads to outer space never achieved.

- This was the alternative to COVID “pandemic” with:
- Billions of well-paid multi-generational jobs creation.
- A Massive increase in Global industrial outputs.
- We want to see economic engines fired up! But by avoiding previous mistakes and future risks.
- A real **net-zero** program by 2050.

We want to see more people back at work, design and build new types of infrastructures, new cities resilient to flood, drought, quakes, heavy snowfall, the glacial periods' advances/retreats, volcanic eruptions, wars, asteroids, solar flares impacts...any risks and to achieve **net-zero** by 2050.

We want to supply to farms, industries, cities with limitless of water, energy, and cheap resources with **net-zero achievement** by 2050.

We want to plant quadrillions of trees globally and make them grow abundantly to achieve **net-zero**, export them to outer space and to other planets.

:Confidential:

The Hydroloop™ System is the new **net-zero** transport system, powered by geothermal that can also transfer freshwater from where and when there is too much, to where and when there is too little, produce electricity without the need for high-voltage transmission lines, therefore, **eliminating flood, drought,** and produce clean energy.

Instead of investing in today's inefficient train, airlines, rockets, wind turbines, solar panels, environmentally destructive and dangerous dams that the return of glacial period will render them useless, we should be innovating in tomorrow technologies that can **solve the current global crisis** such as flood, drought, fire, cosmic threats, glacial return, pandemics, banks-run, bonds under-performance, pensions and insurances funds return of investment shortfalls, etc... by producing tangible physical wealth enough to satisfy everyone and every organisation.

The Hydroloop™ System can as well transfer Coldness to cool hot regions. Once recharged with heat, warmer water can heat cold and freezing location.

In case Earth climate suddenly shift to Catastrophic Global Warming or Glacial periods, **: HYDROLOOP™: System** will be ready as the only solution to reduce risks related to those changes.

Sea Level can be adjusted to allow ships continuous passage between existing maritime routes and reduce coastal city floods whatever the Climate fears.

The Hydroloop™ System is a Safer Transport System!

Current means of transport are affected when there are Volcanic Eruption, Quakes, heavy snowfalls, floods, hurricanes, typhoons, fire, solar flares, asteroids impact, glaciers periodically advance and retreat...

The Hydroloop™ System will be built to withstand or to avoid them from happening.

Global freshwater scarcity in some areas while over-abundance in another will be eliminated, therefore, Global Famine reduction with safer indoor and on land food production, replenishing desert belts, lost forests, rivers, oceans, animals and wildlife... In another word: **"healing the planet"**.

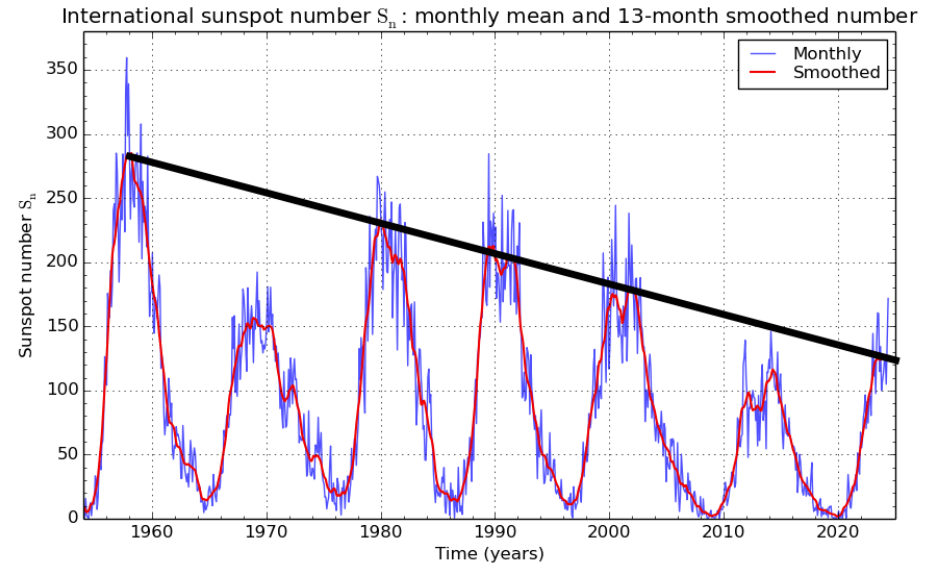
Waste, Toxic Materials industrial and domestic waste) that pollute Earth will be reduced by transporting to outer space to be safely disposed of,

The Hydroloop™ System will create Real Assets large enough to satisfy the New fairer Global Banking system and World governments working for the people's Bonds, treasuries, promissory... with real increases of Global GDP, and real value revenues...

The Hydroloop™ System will better perform Pensions, Insurances and Trust Funds Return of Investment.

The Hydroloop™ System is the only Fast Track progress Program to type 1, type 2, type 3 civilisation and beyond.

THE REAL MASS EXTINCTION EVENTS



SILSO graphics (<http://sidc.be/silso>) Royal Observatory of Belgium 2024 June 1

We know inside out why this is happening and acknowledge the human contribution to it, i. e. ocean pollution with microplastics, deforestation, bad city planning, and hydrocarbon dependence are anthropogenic factors that raise land, water and air temperatures. However, contrary to media sensationalism focused solely on human-induced climate change, sunspot activity—a primary indicator of solar heat energy transfer according to the first law of thermodynamics—has been declining since 1957 Solar Maximum.

Source: <https://sidc.be/SILSO/monthlyssnplot>

NB: The Planet will be fine as it had been through to all of these:

► Environment Destruction, global finite Earth resources depletion such as freshwater scarcity and others consumed by humans but wasted to solve:

:Confidential:

- ▶ (Super) [Grand Solar Minimum](#) related risks by transition to Glacial Period (*ongoing*), not toward manmade dangerous Global Warming,
- ▶ [Crustal Displacement](#), [Magnetic Reversal](#) & [Excursions](#) (*ongoing*),
- ▶ Solar [Super flare](#), Cosmic Disasters.
- ▶ Large or group of medium size Asteroids impact,
- ▶ Global Volcanic Eruptions (*increasing*).
- ▶ Megaflood, Global Tsunamis, ... part of:
- ▶ Cyclical Cataclysmic Cycles: totrade.co/cataclysm

PREVENTING REAL MASS EXTINCTION EVENTS PROGRAMS

- ▶ Whatever it will be global warming or global cooling, causing sea-level to rise or fall, increased pollution, development stagnation (no real well-paid jobs and near-zero Global Growth, ...), **The Hydroloop™ System** is the solution capable to explore the Universe that will allow the new type of “government” to issue bonds large enough to satisfy new restructured banking system to fit these purposes.

The Hydroloop™ System is the sole solution for any direction of Climate Change; warmer or colder. Humanity must securely advance to a Type 1 civilization with cleaner transport, well-distributed energy, better climate management, space program technologies, and a Real Space Age. This enables us to control our planet for ALL's prosperity, build The Hydroloop™ System to face risks, save essentials to avoid a new Stone Age, and continue towards the Stars Age. It ensures fair wealth and resource distribution, equal well-paid jobs for all genders, a wealthier and cleaner planet, and healthier people distributed across the Universe to prevent overpopulation, resource depletion, and environmental destruction.

The : **HYDROLOOP™: System** is a fastest and cheapest way for human progress to Space-Age on time before [mass extinction events](#) with [many advantages](#).

Our civilization, based on [Kardashev scale](#), a standardized way of classifying (hypothetical) advanced civilizations, the lowest rank, Type 1, is still way ahead of us - but by how much? When will we achieve Type 1 status and exactly how could we plausibly do so? Here, we lay down the solution.

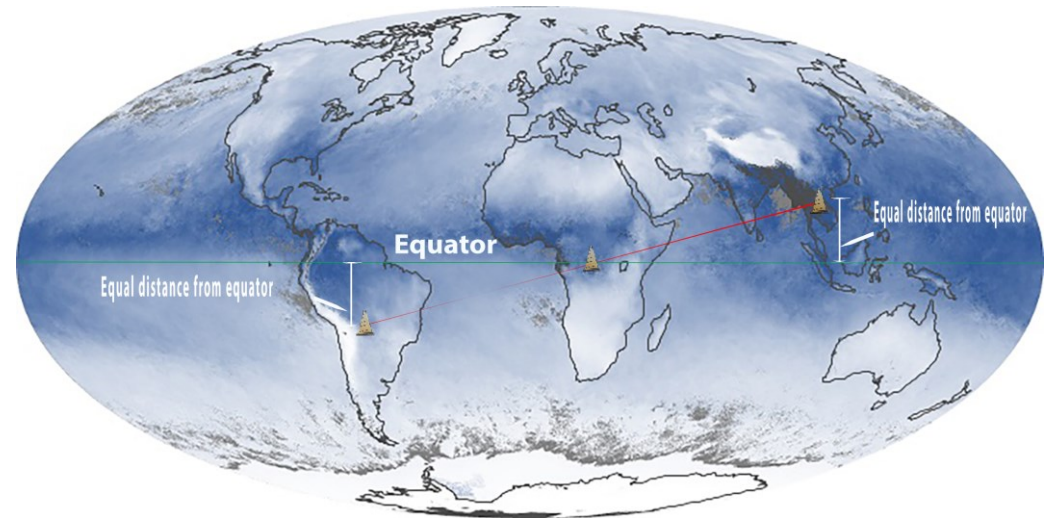
We are Type 0.72 civilization, incapable to control the energy of an entire planet, still dependant on fossil-fuel, incapable to face simple climate shift with small Jetstream change, diseases, asteroids and solar flares impacts, ...

We need to achieve technological advancement to type 1 civilisation:

Whether Humanity is still in Type ZERO civilisation because of bad decisions or move forward toward type 1 civilisation, it will be because of good decision-making by Sovereign Living Man/Woman like you.

The greatest global risk of our time is not freshwater scarcity, but its management. By 2050, the UN predicts over 5 billion people—out of a projected population of 10 billion—could face water mismanagement worldwide. 'Normal' is obsolete as populations have and will continue to grow significantly, and solar activity disrupts water cycles, leading to cataclysms: totrade.co/cataclysm. Rivers are already highly polluted in developing and particularly underdeveloped countries. The dark blue areas on the Earth map below show that near-equatorial zones possess more freshwater than others ideal for mass food production (common sense), making global-scale water management essential. But why only address the freshwater issue when we can tackle most, if not all, other global problems?

The : Hydroloop : System as Global Benchmark



The most suitable locations on Earth to create **The : HYDROLOOP™: System** access to Space section are **Central Africa, South America and SE Asia** that are perfectly aligned and located in the centre of the 3 most warm water vapour abundance Continents, outside Quakes fault lines, not yet developed region in order to balance the Earth rotation, wealth distribution, and closer to the future

world faster food, plants and animal life growing landmasses, perfect for Accelerating and Enhancing Pro-Poor Development Opportunities.

The : HYDROLOOP™: System is a new Concept to accelerate the water cycles distributing energy without high voltage distribution system, water, goods (eliminating risks from [volcanic eruptions and solar flares](#)), heat/coldness on-demand. Just like The defunded Hyperloop, but filled by freshwater high pressurised by geothermal using magma chamber that makes a lot more senses to satisfy future demand of very soon 10 billion population.

Rockets, space-elevator, anti-gravity technology such as MHD Craft, are too expensive, cannot transport extremely heavy payloads. Without an alternative, it will be too late as the Grand Solar Minimum transition to #Glacial Period triggered by Cataclysm and many real global risks as above may be around the corner. Therefore, a mass, cheap, safe, reliable transport network, using mainly sand and water, powered by geothermal with utility connections, and for cheap electricity production, between Earth and outer space.

RISK BY RISK PREVENTION

Global catastrophic risks are a hypothetical future events which could damage human well-being on a global scale, even endangering or destroying modern civilization.

EARTH PHYSICAL SPECIFICATION

The size of the Earth -- about 12,750 kilometers (km) in diameter--was known by the ancient Greeks, but it was not until the turn of the 20th century that scientists

determined that our planet is made up of three main layers: *crust*, *mantle*, and *core*. This layered structure can be compared to that of a boiled egg. The *crust*, the outermost layer, is rigid and very thin compared with the other two. Beneath the oceans, the crust varies little in thickness, generally extending only to about 5 km. The thickness of the crust beneath continents is much more variable but averages about 30 km; under large mountain ranges, such as the Alps or the Sierra Nevada, however, the base of the crust can be as deep as 100 km. Like the shell of an egg, the Earth's crust is brittle and can break.

Cutaway views showing the internal structure of the Earth. Below: This view drawn to scale demonstrates that the Earth's crust literally is only skin deep. Below right: A view not drawn to scale to show the Earth's three main layers (crust, mantle, and core)

Below the crust is the *mantle*, a dense, hot layer of semi-solid rock approximately 2,900 km thick. The mantle, which contains more iron, magnesium, and calcium than the crust, is hotter and denser because temperature and pressure inside the Earth increase with depth. As a comparison, the mantle might be thought of as the white of a boiled egg. At the center of the Earth lies the *core*, which is nearly twice as dense as the mantle because its composition is metallic (iron-nickel alloy) rather than stony. Unlike the yolk of an egg, however, the Earth's core is actually made up of two distinct parts: a 2,200 km-thick *liquid* outer core and a 1,250 km-thick *solid* inner core. As the Earth rotates, the liquid outer core spins, creating the Earth's magnetic field.

HYDROLOOP® FOR SPACE AGE BY 2050 OR MASS EXTINCTION

The Hydroloop® System©

1. a New Global distribution & transport system:
 - a. using & delivering freshwater (cold & hot)
 - b. producing limitless clean energy
 - c. for better distribution of wealth and development
2. Decrease magma pressure, minimising quakes.
3. to build a 120 km high "Tower of Babel" Spaceport to explore the in-finites.

bit.ly/spaceby50

Creating multi-Generational well-pay jobs for everyone across the planets and beyond.

Filled with Canal excavation and dredged seabed, enveloped by hempcrete shell. Gulf of Thailand

Crust 0-100 km thick

Solid mantle

Liquid mantle

Asthenosphere

Mantle

Lithosphere: crust and uppermost solid mantle

Limitless supply of water & electricity
Water storage in Laos mountains

High: 6 to 30 km

Kra Canal

Andaman Sea

South of Thailand

INDUSTRIAL DEVELOPMENT ZONES (180,000 Acres)

INDUSTRIAL DEVELOPMENT ZONES (42,000 Acres)

Future Expansion

WORKERS COMMUNITY

HAT YAI

SONGKHLA

TRANG

Andaman Sea

Not surprisingly, the Earth's internal structure influences plate tectonics. The upper part of the mantle is cooler and more rigid than the deep mantle; in many ways, it behaves like the overlying crust. Together they form a rigid layer of rock called the *lithosphere* (from *lithos*, Greek for stone). The lithosphere tends to be thinnest under the oceans and in volcanically active continental areas, such as the Western United States. Averaging at least 80 km in thickness over much of the Earth, the lithosphere has been broken up into the moving plates that contain the world's continents and oceans. Scientists believe that below the lithosphere is a relatively narrow, mobile zone in the mantle called the *asthenosphere* (from *asthenes*, Greek for weak). This zone is composed of hot, semi-solid material, which can soften and flow after being subjected to high temperature and pressure over geologic time. The rigid lithosphere is thought to "float" or move about on the slowly flowing asthenosphere.

Insufficient or malign [global governance](#) creates risks in the geological, social and political domain. They are some of mass extinction events like large asteroids impacts, massive climate shift, down to lesser casualties by man-made [global war](#), including [bioterrorism](#) using [genetically modified organisms](#), [cyberterrorism](#) destroying [critical infrastructure](#) like

the [electrical grid](#); or the failure to manage a [pandemic](#). Problems and risks in the domain of [earth system governance](#) include [global warming](#), [Global cooling](#), [environmental degradation](#), [extinction](#) of certain species, [famine](#) as a result of [non-equitable](#) resources distribution, [human population uneven distribution](#), [crop failures](#) and non-[sustainable agriculture](#).

Plausible events

Asteroid impact event, super volcanic eruption, a lethal gamma-ray burst, a geomagnetic storm destroying electronic equipment, Magnetic Reversal, Crustal Displacement (cataclysms), (Super) Grand Solar Minimum, Glacial Return, super-flood, natural [long-term climate change](#), hostile extra-terrestrial life... All happened on Earth before and it's all coming again soon. Which one(s) will come first... Or the predictable Sun transforming into a red giant star engulfing the Earth at the end of its life. These events will cause human extinction or permanently and drastically curtail humanity's potential, known as an existential risk. All of our technology is not advanced enough to face them, we remain extremely vulnerable, and scientists assure us that it is just a matter of time before our luck runs out.

ASTEROIDS IMPACT, as an Example

Major Asteroids impact events have significantly shaped [Earth's history](#), have been implicated in the [formation of the Earth–Moon system](#), the [evolutionary history of life](#), the [origin of water on Earth](#) and several [mass extinctions](#). A major impact event releases the energy of several million nuclear weapons detonating simultaneously when an asteroid of only a few kilometres in diameter collides with a larger body such as the Earth. We live at a time when giant space rocks are whizzing past our planet with alarming regularity. Sometimes we know in advance that they are coming, and sometimes we don't. In fact, on July 28th an asteroid the size of a car zipped past our planet "at a range that rivals the orbits of some high-flying satellites", but we had only spotted it for the very first time on July 26th. If we couldn't see that one until it was nearly upon us, could it be possible that there are much larger potential threats hurtling toward our planet that we currently know nothing about?

An asteroid could potentially hit anywhere on the planet. Such an impact would send a series of giant waves in all directions.

Today, almost 40 percent of the population lives in a county that directly borders a shoreline, and the population density right along the east coast is particularly dense.

There would be absolutely nothing to keep the tsunami waves from racing across the entire continent.

So, we are talking about the potential for death and destruction on a scale that is unimaginable.

We should hope that such an event can be put off for as long as possible, but we have been warned that our planet is apparently "in the midst of an epic asteroid surge"

And we are still discovering more asteroids all the time. The bad news is that there are plenty of asteroids that we still haven't discovered yet. They may collide each other and one or more of them could possibly be traveling directly toward us afterward.

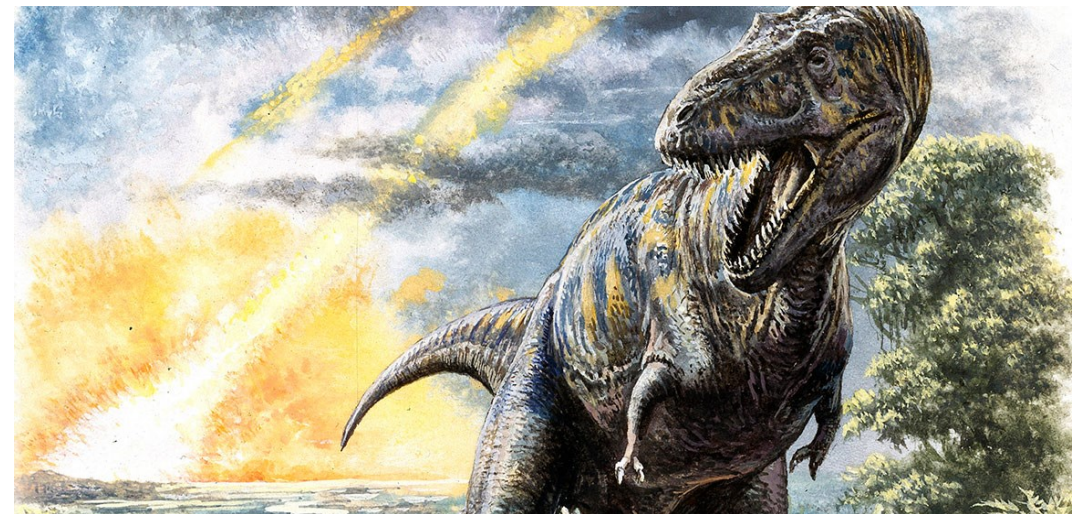
If you think we have the technology, think again. This is what we are proposing, a capability to access to space with massive materials by using new techniques elaborated here.

This 200-km-wide asteroid that have wiped out the dinosaurs struck the Earth with such force that carbon deep in the Earth's crust liquefied, rocketed skyward, and formed tiny airborne beads that blanketed the planet. If another similar size and velocity hits again,

very little life will survive, not even bacteria. The planet will be recharged with much more potential energy to re-start the evolution of life again.



The reason humanity needs to go out there with large and powerful firing power to defence our planet against such danger.



:Confidential:

Asteroids impacts and Earth Crust displacement cataclysms are among the most evident causes for the dinosaurs extinction.

Global economies are not the only thing collapsing right now. The whole planet and all of the systems it supports are reaching a saturation point and starting to irreversibly collapse.

We are witnessing the catastrophic effects of the extinction of several species of freshwater fish and insects and why this could result in the aggravation of health crises and global famines while putting the survival of mankind in jeopardy.

Almost one-third of all freshwater fish species are on the brink of extinction.

80 freshwater species - which account for over half of all the world's species - have already been declared extinct, with 16 of them disappearing in 2020 alone. And several migratory populations are suffering catastrophic declines as well, with over three-quarters having disappeared since the 1970s, while populations of larger species, weighing over 60 pounds, have dropped even more acutely, by roughly 94 percent.

Freshwater fish are essential to the healthy functioning and maintenance of our planet's rivers, lakes, and wetlands, and hundreds of millions of people around the globe rely on them to ensure food security, being the main source of protein of numerous communities. It is also crucial to the livelihoods of many groups, especially vulnerable and indigenous communities. As this decline is worsening with each passing year, without quick implementation of **The Hydroloop™ System**, it could put societies and economies across the globe in peril.

Without The Hydroloop™ System online, the significant reduction of such fish populations can lead to the intensification of hunger crises across the world.

A combination of factors, including habitat degradation, damming and draining of rivers and wetlands, pollution, introduction of invasive species, and wildlife crime, are not only adding extra pressures on global freshwater fish populations, but also the increasing threat of true climate change and Earth

Crust displacement [Cataclysms Cycles](#). “In such an interconnected world, where the behaviors of one country, company, or individual had potentially high-impact effects on all others, piecemeal attempts by one nation here, one small collective of environmental organizations there, would not be enough to stave off a climate disaster — or, for that matter, to effectively address a host of other planetary-scale problems.



Highly coordinated worldwide strategies for addressing such urgent issues just might. what we need with systems thinking — and systems acting — on a global scale. Presentation: totrade.co/solution

SOLVING THE CURRENT GLOBAL AFFAIRS

What that is actually going on is the fact that as the UNITED STATES and THE UNITED STATES OF AMERICA cannot afford to pay their staggering National Debts: reported by <https://usdebtclock.org/> at US\$28 trillion but the [true US National debt exceeds an astonishing US\\$123 trillion](#) or Nearly \$800,000 per person (US Taxpayers) used as collateral, created to fund series of unrelated projects that do not actually stimulate real productive economy and in 1999, the US came out of international bankruptcy and CEASED to exist.

This means bankers and their stakeholders are beneficiaries, including majority bondholders, CHINA INC which is another central bankers and bankers' product.

What that means is there is no congress and there is no president.

But to maintain the illusion of the continuity of government, they keep that in place so that the people don't go into chaos because it's very confusing things and people could get out of control so why the military, aka bankers army, is enforcing Martial Law.

But make no wrong about it. The US Military, aka bankers' army is under commands on muster hyphen role for performance and in that performance any congress PERSON who is fake which they ALL ARE because the UNITED STATES Congress ceased to exist in 1999.

Anyone that passes a legislation bill against the people to where they try to force vaccines on living-men, force living-men to wear a mask, force living-men to a situation on a pantomime hoax of this fraud virus called the common cold that is going around which the construct of why people relying on stimulus that do not support solid economic growth are dying and making these false numbers...

The same is going on for the UNITED KINGDOM, aka a VESSEL in dry dock that cannot afford to pay their National Debts: <https://www.nationaldebtclock.co.uk/>, just interests, let alone principals and mature bondholders, let alone periodic interest payments to private bankers and stakeholders.

Mainstream media headlines are focused on the UK's record national debts, which just surpassed £2 trillion, a figure that can only exponentially increase without any prospects of repayment unless the entire mechanism of Government finance is overhauled and implement global or even inter-planetary productive economic model typified by **The Hydroloop® System**. The truth, however, is much worse, factoring in all liabilities including state and public sector pensions, the real national debt is above £6 trillion, based on [UK population of 68 million](#), more than £88,000 for every PERSON in the UK VESSEL, not for the :Living-men in their own VESSEL.

Therefore, to attempt to balance the book without any real larger than Belt and Road productive economy, COVID is being used. Victims of flu (common cold), heart attack, stroke, brain haemorrhage, murder and traffic accidents were added to the COVID death toll if they had previously tested positive for the virus by machines that can't.

THE BIGGER GLOBAL RISKS

Apparently, according to the CIA highly sanitized declassified book, "[The Adam And Eve Story – The History of Cataclysms](#)", uncensored version: totrade.co/cataclysm, once every few thousand years, between 6,500 and 35,000 years, neutral matter escapes from the 860-miles-radius inner core into the 1300-mile thick molten outer core, and there is a literal atomic explosion inside the Earth. The explosion in the high energy layer of the outer core disrupts completely the electrical and magnetic structure in both the molten outer core and the outer 60-mile-thick molten layer. Finally, the ice caps are allowed to pull the shell of the earth around the interior, which the shallow molten layer lubricating the shift all the way.

The Ice Ages are not solely about slowly advancing and retreating ice. Instead, different areas of the Earth experience polar conditions at varying times and for different durations. These changes in position occur rapidly, sometimes within a fraction of a day. It's even possible for such shifts to happen in a couple of years.

We once thought that only severe Sunspots could be the only cause, because they do disrupt the Earth's inner electrical and magnetic structure; but we may be wrong. It's all the planets, the "moon", stars, and galaxies forces combined.

This rule applies to the last 11,700 years and will be superseded by the Milankovitch and The History Of The [Cataclysms Cycles](#). Because Solar activity is quiet for a long period of time, the COLD TIMES are returning in line with the Milankovitch Cycle of the Glacial Period return, the mid-latitudes are slowly REFREEZING in line with the increasing great conjunction occurring during or close to North Hemisphere Winters,

- historically low solar activity,
- cloud-nucleating Cosmic Rays, and
- more meridional jet stream flow
- among other forcing(s)...

The Real cooling effect has slowly begun to exit 11,700 years cycle while many people are being indoctrinated into Global Warming, renamed Climate Change narrative:

Most of North European farming is starting to get growing difficulties due to severe climatic shifts from now onward and will slowly go offline and uninhabitable in 300 years. The same for North America, Russian Federation, Mongolia, and North China.

THE TRIGGER OF REAL MASS-EXTINCTION CATACLYSM

This long low solar activity is weakening rapidly our magnetosphere, allowing more cosmic rays continuous penetration deep into Earth interior. The long-term consequence is the disruption of the magnetic and electrical orderliness inside the Earth.

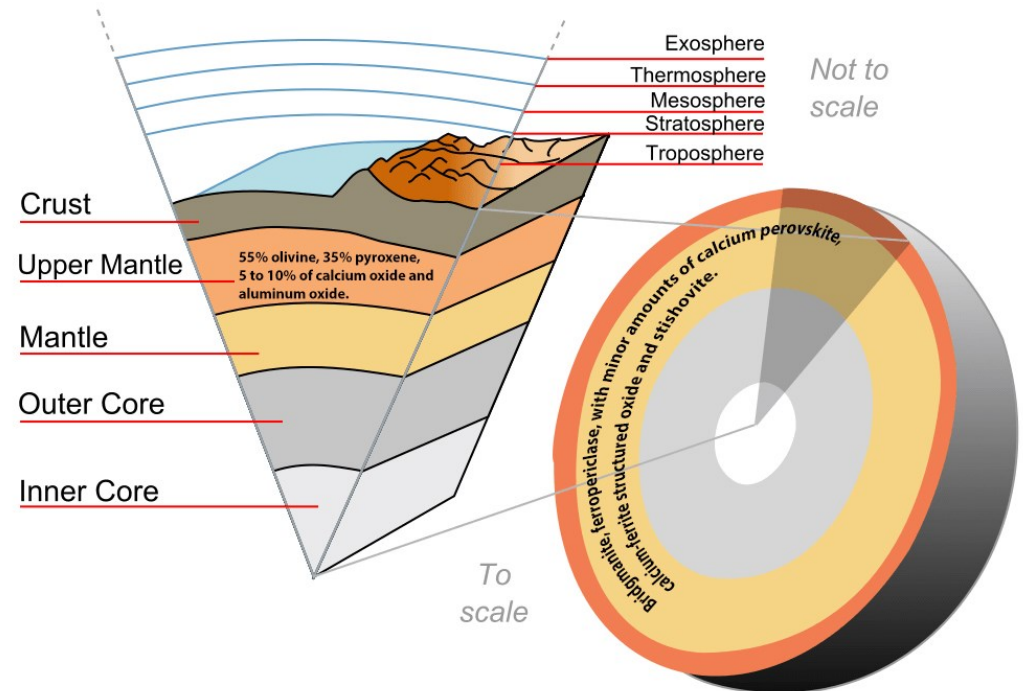
Correlation of the data between the "earth" science in stratigraphy, archaeology, anthropology, palaeontology, radiology, oceanography, seismology, glaciology, and many other fields gave the answer: there is enough data in each science to indicate that these cataclysms happen.

There is now enough to prove the concept; between-science correlation showed indeed that the concept was true. Not only **it did verify that the**

events have happened, but disclosed when the last five cataclysms were, and what positions the shell of the Earth has been in for the last 35,000 years.

So, after years of research, beginning in 1949, Cuvier's challenge had an answer: Yes, indeed the cataclysms do happen. And the last one, 6,500 years ago, was Noah's Flood!

All right. So, they happen; what is it that happens each time? The challenge was really two-folds: find the process - what happens in a cataclysm; and the trigger - what causes a cataclysm to start. Apollo programs were initiated to find out. JFK speech "to do the other thing" means to find out what caused previous cataclysms and especially how to avoid it.



Look at the cross-section of the Earth. The first layer is the **Crust** to the Lithosphere, not even visible if to scale, rigid, rocky outer layer of the Earth, consisting of the crust and below it, the solid outermost layer of the **Upper Mantle**. It extends to a depth of about 60 miles (100 km).

The important one is the thin molten layer, the asthenosphere, the zone of Earth's **Mantle** lying beneath the lithosphere and believed to be much hotter and more fluid than the lithosphere. The asthenosphere extends from about 100 km (60 miles) to about 700 km (450 miles) below Earth's surface.

The thick, deep molten layer, starting 1800 mile down at the bottom of the Mantle, and extending 1300 miles deeper, is the **Outer Core**.

Both molten layers are liquid; however, the inner magnetic and electric structure of the earth makes these layers act as if they are near solid, or plastic to hold the shell of the Earth in place as long as the magnetic and electrical structure maintains its axis in a normal manner.

The growing ice caps-Antarctica and Greenland- are not centred on the Earth's axis; and, because they rotate around the poles, are trying to swing down to the equator. The only way they could do it would be to pull the whole 60-mile thick shell around with them. As long as the shallow molten layers stays plastic, the shell won't shift; but once every few thousand years, the magnetic and electrical orderliness inside the Earth is disrupted. It then serves as a lubricant for the ice caps to pull the shell of the Earth around the inside.

In a span of 1/4 to 1/2 a day, the poles move almost to the equator, resulting in significant changes. However, it's important to note that the atmosphere and oceans don't shift along with the Earth's shell; they continue their rotation from west to east. At the equator, this rotational speed is approximately 1000 miles per hour, necessary for completing one full rotation per day. While the shell shifts due to the pole movement toward the equator, the winds and ocean currents persistently blow eastward across the Earth's surface at supersonic speeds. Additionally, the Primary Water Cycle exacerbates the situation, inundating continents with water to depths of miles.

We once thought that only severe Sunspots could be the only cause, because they do disrupt the Earth's inner electrical and magnetic structure; but we may be wrong. It's all the planets, the "moon", stars, and galaxies forces combined.

We found out that "nature's power plant" is a motor-generator system existing in many different magnitudes. It's a basic structure of the universe. The energy structure of an atom is identical to a rotating planet; to a blue-white star; to a galaxy; to a supergalaxy; to all levels of supergalaxies including a universe and even more.

As a neutron which has escaped from its parent atom's neutral zone will separate into particles, a star-through a sunspot- gives off neutral matter which explodes as it becomes energized; so a galaxy gives birth to an exploding star when a "dead" star escapes from its neutral zone in the centre; and as a "dead" galaxy explodes when it escapes from the central neutral zone of its parent supergalaxy. A planet, therefore, must act the same at its energy level.

So, apparently once every few thousand years, neutral matter escapes from the 860-miles-radius inner core into the 1300-mile thick molten outer core, and there is a literal atomic explosion inside the Earth. The explosion in the high energy layer of the outer core disrupts completely the electrical and magnetic structure in both the molten outer core and the outer 60-mile thick molten layer. Finally the ice caps are allowed to pull the shell of the earth around the interior, which the shallow molten layer lubricating the shift all the way.

You can see, then, that ice ages are not a matter of advancing and retreating ice; it's simply that different areas of the Earth are in polar regions at different times, for different durations of time, with the changes between positions taking place in a fraction of a day.

The story around the world gives a silent testimony:

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- [According to various studies, the geological age of the Mekong River is estimated to be around 17 million years.](#) However, the gorges below the Mekong 4000 Islands (Si Phan Don) in south of Laos, the **Li Phi Waterfalls**, which are about [11,500 years old](#), have remained unaffected by the mighty current of the Mekong over these estimated [17 million years](#).



SI PHAN DON, LAOS, 11500, NOT 17 MILLION YEARS OLD.

- The Beresovka mammoth, frozen in mud, with buttercups in his mouth;
- The age of the gorges below Niagara Falls and St. Anthony's Fall, both about 6,500 years;
- The sudden end of the Laurentian Basin ice cap in Canada, about 11,500 years ago;
- The uninterrupted years of evolution on the Galapagos, over 11,000 ya;
- The geological datings in the Murrumbidgee River Basin system in Australia, showing the end of an ice age cap there about 11,500 years ago;
- The age of fossil bones taken from the Wilshire Boulevard tar pits, over 11,000 years;
- The sudden end of all work in the prehistoric city of Tiahuanaco, Peru, 9,550 BC, or 11,500 years ago;
- Leonard Woolley's great work in the Holy Land, dating Noah's flood at about 6,000 years ago;
- The end of the Wisconsin ice cap, about 29,000 years ago;
- The sudden 200-foot rise of the oceans all over the world 6,000 to 7,000 years ago;
- The sudden rise of the St. Laurence River bed 6,500 years ago;
- The changing levels of the shoreline in the Hudson Bay;
- The granite blocks from the Alps, sitting on the eastern slopes of the Jura mountains, at 4,000 feet above sea level;
- The Pejark Marsh in Australia, which shows a quick extinction of a civilization 11,500 years ago;

- The Piri Reis map, showing the North Pole in the Sudan Basin;
- The Egyptian water-clock, showing agreement with the Piri Reis map;
- Granite on top of the mountains around Death Valley in California;
- The great stratifications of the Grand Canyon, Painted Desert, and Badlands, each layer homogenous, showing it to be deposited there suddenly by fantastic amounts of water;
- The computable age of the Antarctic and Greenland ice caps, about 6,500 years;
- The present growth of the Antarctic ice cap, about 293 cubic miles per year;
- The legends from primitive man in Tierra del Fuego at the southern tip of South America of the day the Sun set in the wrong direction;
- The legends from primitive man in Peru of the day the Sun stood still;
- The legends from Malayan and Sumatran aborigines of the long night;
- The varve (earth strata) counts in Wrenshall, Minnesota and Hackensack, New Jersey, which agree;
- The prevalence of jade in the Orient, which is material heaved up from the mantle, near equatorial pivot points during a tumble;
- The fantastic evidence of a burgeoning tropical population in Arctic Siberia and Alaska, completely wiped out in a fraction of a day;
- The similarity of languages the world over, from Polynesian to Greek, to Egyptian, to Mayan, to Eskimo, to Yakut, to Oriental, and more;
- The correlation of ice ages and quick extinctions the world over;
- The survival of primitive life at equatorial pivot points-the last two being the Malay Peninsula and the Galapagos, now rife with lizards;

- The existence of a coral reef on the floor of the Arctic Ocean;
- And more, and more, and more, and more, give us a historical picture of the Earth's shell during the past 35,000 years.

The overwhelming evidence, when put in order, gives a dramatic picture of which areas have been at the North Pole, when they moved to the pole, and how long they were there:

- **Wisconsin: at North pole: 35,000ya, duration: 6,000y to be replaced by:**
- **Caspian Sea: at North pole: 29,000ya, duration: 10,500y to be replaced by:**
- **Hudson Bay: at North pole: 18,500ya, duration: 7,000y to be replaced by:**
- **Sudan Basin: at North pole: 11,500ya, duration: 5,000y to be replaced by:**
- **Arctic Ocean including Greenland and Svalbard: moved to North pole 6,500ya causing Noah's Flood, duration: still there.**

THE PRIMARY WATER CYCLE INTERACTION

Located Between the Earth's crust and the molten magma, there is 5 times more water than all Oceans, Rivers & Lakes combined. It is this warm water that had been pushed up by the pressure of the tectonic shift, elevated cosmic rays... increasing evaporation into the atmosphere and, with increase cloud seeding by cosmic rays, therefore more rainfalls to create Noah's Flood.

THE ONGOING QUATERNARY GLACIAL-INTERGLACIAL NATURAL CYCLE

The Pleistocene Epoch (before the Holocene) of the Quaternary Period is the best-known glacial period (Ice Age) of the earth's history. Its ice sheets at one time covered all of Antarctica, large parts of Europe, North America, South America, and small areas in Asia.

In North America, they stretched over Greenland and Canada and over the United States as far south as a line drawn westward from Cape Cod through Long Island, New Jersey, and Pennsylvania, along the line of the Ohio and Missouri rivers to North Dakota, and through N Montana, Idaho, and Washington to the Pacific.

The ice sheets of Europe radiated from Scandinavia and covered Finland, NW Russia, N Germany, and the British Isles.

In South America, Patagonia and the S Andes lay under an extension of the Antarctic sheet.

The glaciation of the Pleistocene was not continuous but consisted of several glacial advances interrupted by interglacial stages, during which the ice retreated and a comparatively mild climate prevailed.

In all probability there were actually only four glacial stages, the lowan and Bradyan being included in the Wisconsin as one complex stage. Carbon-14 analysis of fossils shows that the last glacial period ended about 11,700 years before 1950.

This is why we need to prepare for both warmer and colder climate on Earth or in Space because out there, you will get extreme heat and extreme cold so we have enough well-paid job and businesses for everyone right from today on Earth. This is very easy to understand: there are 7 billion people, half of that are developed and another half not. The well-educated people and well-know-how companies are in the developed half.

To develop the other half, the first thing is to analyse what are the global issues? We did that already and we already have the solution: bit.ly/spaceby50

DEVELOP THE HYDROLOOP™ SYSTEM OR MASS-EXTINCTION:

The Hydroloop™ System, Issuing Greater Assets, Longer Term Bonds And Equity Instrument

Globally, there are around:

- 25,000 full license banks
- 60,000 licensed quasi-banks
- 16,000 independent banks
- 25,000 shadow or unregulated "banks" (avg of 20k-30k)

=====

126,000 Financial institutions

Long-term debt and equity instrument example, the financing and funding for the Belt & Road Initiative (BRI), not Big Enough.

The **funding of the BRI (Belt and Road)** can be classified into four distinct channels: policy banks, Chinese state-owned banks, sovereign wealth funds and international financing institutions, **a fraction of the Global Banking Institutions**, the reason **BRI (Belt and Road) is still not big enough to solve the current crisis**. Not only that, the project cannot even eliminate their own flood and drought risks, leading to Global food insecurity and infrastructure damages including the Belt & Road Initiative (BRI, #BeltAndRoad) they have heavily funded. To pay back the loans, participating countries have to consume more Chinese made finish goods, export more raw materials from their countries to China, leading to more pollution, more Earth resources depletion, without space programs capable to explore the infinite resources of the Universe that they are still not capable to solve to be less dependent on Earth finite resources.

Policy banks

- China Development Bank (CDB)
- Export-Import Bank of China (Exim)

Chinese state-owned banks

- Industrial & Commercial Bank of China (ICBC)
- China Construction Bank (CCB)
- Agricultural Bank of China (ABC)
- Bank of China (BOC)
- New partners...

=====

TOTAL BANKS: 6 + New partners

Sovereign wealth funds

- Sovereign wealth funds (SWF)
- China Investment Corporation (CIC)
- China Life Insurance Company
- China National Social Security Fund (SSF)

- The Silk Road Fund (SRF)
- New Partners...

=====

TOTAL SOVEREIGN FUNDS: 5 + New partners.

International Financing Institutions

- The World Bank Group
- Asian Development Bank (ADB)
- Asian Infrastructure Investment Bank (AIIB)
- New Development Bank (NDB)

The Belt And Road Participants

Over 126 "countries" (private corporations) and 56 international organisations are long-term debt and equity instrument issuers, using their consented people and incorporated corporations who will pay taxes as collateral of their unpayable promissory as bonds with low ROI to only 6 banks, 5 sovereign funds, 4 International Financial Institutions and new partners to participate in the Belt And Road out of the total Global Financial Institutions in the order of 126,000. The Belt And Road is not the Global Solution. If it is, the [Great Global Recession](#) won't occur after the 2008 to 2021 crisis, blaming on invented COVID pandemic as an excuse of the system failure.

The Hydroloop® System is the only solution, big and financially safe enough to satisfy the Global Financial Institutions and future population and to use fully the Belt and Road to avoid banking and other financial debt traps.

In addition, to avoid mistakes and failed projects, few areas must be reformed: **The Financial Intermediates eradication**: Central Banks supply practically free money in exchange of assets banks acquire by creating deposits through lending processes [explained earlier](#).

FINANCIAL INSTRUMENT DISTRIBUTION PROBLEMS

There are 3 big areas the total value of distributed funds does not fully reach end-users; the developed, the cross-countries fund distribution leaks, and their Financial Intermediate shares:

Developed World Leaks

"Countries" are private owned corporations. Inheritance spreads wealth to the owner many children, they are practically the owner of the consented people for

life. The United Kingdom Corporation, for example, had been bankrupted many times by their own government who are private Companies ([FB](#)), diverting funds to their private accounts. All those government - from King/queen, lords, [political parties](#) (Conservative: [Company House record, web](#), Labour: [Company House record, web...](#)), barons, to local councils (hiding behind [private LLP](#)) - are for profit private companies, diverting funds for their own shares of profits, leaving unpayable debts to the consented people accounts. All privatisations are therefore illegal.

Cross-Countries Fund Distribution Leaks

Fund providers, government officials, financial intermediaries take kickbacks, commissions, shares on the full amount supplied. The more there are intermediaries, the smaller the amount reach the end-users, but the latest have to use that fraction to create products and services to reimburse the full amount of the debts with interests, including the amount that the fund providers executives, government officials have taken.

To eliminate these issues, case model documents support is ready and contain everything necessary to bring the culprits to Competent Courtroom. For the moment, all those files are confidential.

Financial Intermediates Shares

Before banks create deposits, the financial intermediaries use as deed a forged,

non-witnessed, using property the “lenders” do not own yet as security collateral to add interests on top of cheap Central Bank Reserve and use the same invalid deeds many times to hedge against LIBORS that make money supply more expensive to end-users.

Intermediates Invalid Deeds Case study

After creating a [covered bonds LLP company](#) with [no employee](#), the same LLP guarantees covered bonds issued by their society by acquiring mortgage loans and their related security from [their society](#) that **uses [invalid deeds](#)**, use that bonds as deposits to borrow more money to buy more bonds, creating fictitious assets with no real physical goods. Further explanation in the chapter: [The Modern Banking System](#) that create more money to make more money without financing anything good.

To avoid this case repeating in our The Hydroloop^(r) System, we have the case ready to be taken to a Competent Court System:

In the UK, there are 11 million illegal mortgages, 3 million unlawfully evicted. Are you among them? You could have all the money you have paid back including compound interests and your property debt-free if you follow me, present at all my court case... read all my other posts.

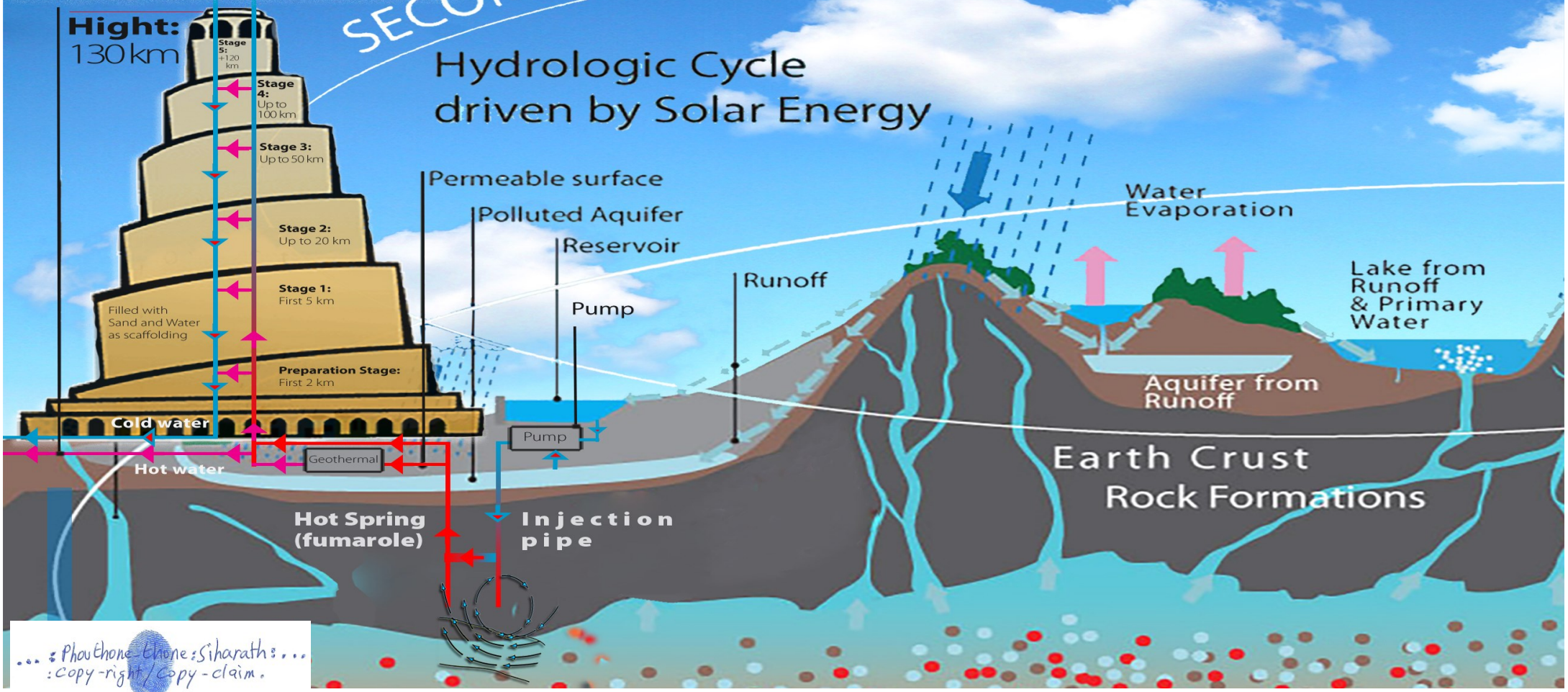
The Hydroloop System:

1. a New Global distribution & transport system of:
 - a. freshwater (cold & hot)
 - b. clean energy
 - c. goods and people
2. a Spaceport to explore the in-finite.

Type One Civilisation System
Harvesting the Energy of an Entire Planet.

SECONDARY WATER CYCLE

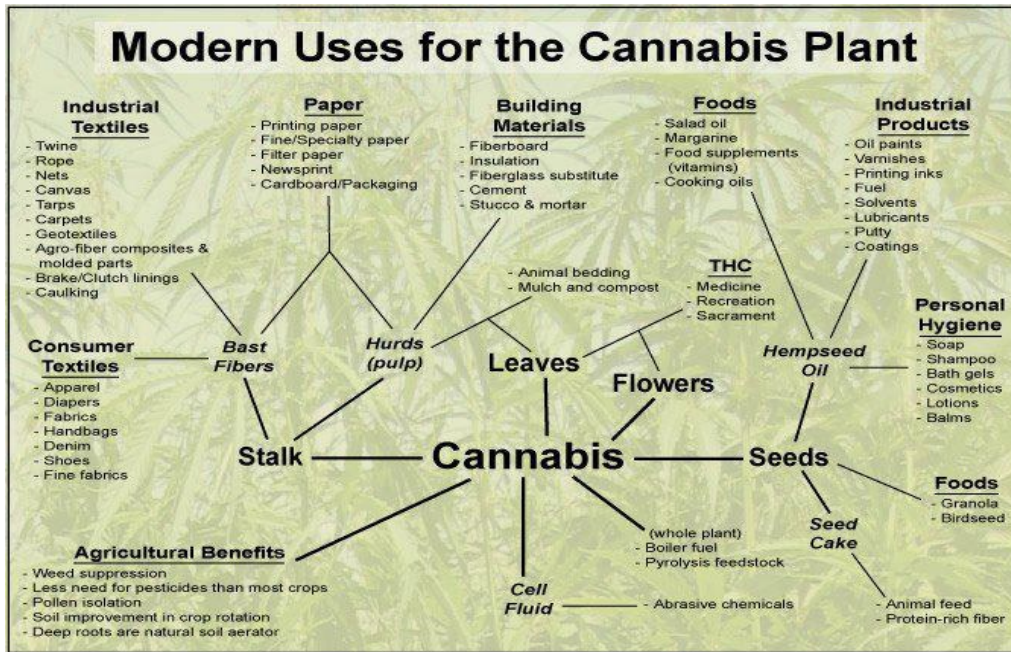
HYDROLOOP®



... Phouthone Chone Siharath ...
:copy-right/copy-claim.

The Hydroloop™ System concept: universal transport system with large volume distribution of freshwater, fresh air, energy (electricity, heat/coldness), at the same time, allowing transport of goods and people within most planets, starting with Earth and outer space. This system will create much more real physical assets to satisfy the financial system.

HEMP AS MAIN : HYDROLOOP™: CONSTRUCTION MATERIAL



INDUSTRIAL HEMP, BAMBOO & THE : HYDROLOOP™: PROJECT

Now that we've established what hemp is, we can talk about its industrial uses for The Hydroloop™ System. Hemp and bamboo are the very diverse plants! In industrial uses, their possibilities are endless since they are actually an eco-friendlier way to build The Hydroloop™ System and, at the same time, make rope, paper, textiles (like clothes, carpets, etc.), biodegradable plastics, and even superfoods!

Cannabis Hemp and bamboo are capable of producing significant quantities of building materials such as fiberglass substitute, cement, stucco & mortar (or hempcrete), also paper, textiles, beer, sunscreen, soaps, energy bars, protein powder, food, medicine, hemp shoes, hemp hats, hemp jackets, paint, hemp ropes, hemp bracelets, hemp sandals, hemp seed butter, diapers, CBD Oil, detergent, varnish, hemp sheets, hemp towels, hemp paper, clothes, oil, ink, fuel... Among well beyond 50,000 products.

Cannabis Hemp and bamboo are capable of producing significant quantities of building materials such as fiberglass substitute, cement, stucco & mortar (or hempcrete), also paper, textiles, beer, sunscreen, soaps, energy bars, protein powder, food, medicine, hemp shoes, hemp hats, hemp jackets, paint, hemp ropes, hemp bracelets, hemp sandals, hemp seed butter, diapers, CBD Oil, detergent, varnish, hemp sheets, hemp towels, hemp paper, clothes, oil, ink, fuel... Among well beyond 50,000 products.

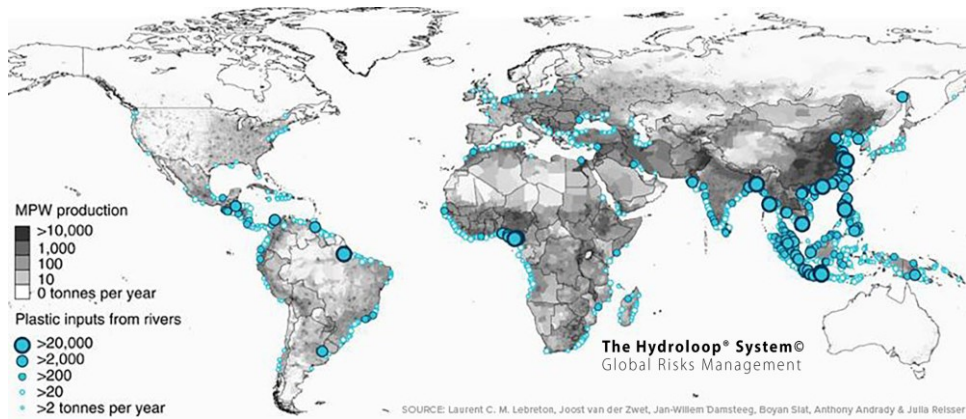
You may have heard about hemp before. You might even have some inkling that it can be used for paper and different types of fabrics & textiles. But did you know that hemp can be used to create strong, durable, ecological building materials?

Hemp is a fast-growing plant, a member of the cannabis family, but it's *not* the same as marijuana. Hemp concentrates on minimizing THC, while marijuana concentrates on increasing the THC content. To be considered hemp, a cannabis plant needs to have less than 0.3% of THC.

Cannabis Hemp is capable of producing significant quantities of paper, textiles, building materials, beer, sunscreen, rope, hempcrete, soaps, energy bars, paper, protein powder, food, medicine, hemp shoes, hemp hats, hemp jackets, paint, hemp ropes, hemp bracelets, hemp sandals, hemp seed butter, diapers, CBD Oil, detergent, varnish, hemp sheets, hemp towels, hemp paper, clothes, oil, ink, and fuel.

Every year, 8 billion tonnes of plastic waste are added to the oceans. 3 billion of that plastic waste comes from 10 Rivers in Asia and Africa. The rest comes from Coastal Cities and all the other Rivers. Hemp and bamboo plastics are non-toxic and are biodegradable and does not fill the seas with deadly petrochemical plastics, including that it can be recycled safely by taking a sustainable initiative.

Hemp and bamboo plants are outstanding for the environment. From relief from soil erosion, preventing and reducing water pollution, cultivate hemp and bamboo in the same soil for years without harming its quality.



Pollution created by hydrocarbon by-product will be systematically reduced by hemp-based by-products with existing pollution exportable to outer space for safe incineration by the sun.

H2O + Cosmic Rays + CBD (Hemp) = Artificial Planet

Cosmic rays

High-energy protons and atomic nuclei which move through space at nearly the speed of light originated from the sun, from outside of the solar system, and from distant galaxies.

The only way to explore the Universe is when the ability to transport massive material to outer space will be very cheap and make the participating Nations wealthier, not bankrupted by debts.

Space Operating centre in orbit with artificial gravity, equipped with Spaceship Traffic and AI remote controls.

Today space programs are very costly, unreliably lethal, can only transport lightweight materials that only allow few human to stay in lower orbit. We urgently need new, reliable, safe, mass space transportation system that can also [solve other problems on Earth](#) and in space.



Here, we propose the alternative and realistic solution; The Hydroloop™ System will use the hydrocarbons that are still left on earth to transport sand from deserts-belts and to use water in Laos to build Spaceport

capable to harvest solar and other non-Earth origin products, energy and other resources.

Once heavy materials can be transported economically into space, space-based Industrial Complex for the exploration of the Universe using asteroids as raw materials for a V-shape economic model achievable by The Hydroloop™ System implementation, solving global financial and big corporations current struggle as a new economic model.

TYPE ONE CIVILISATION DESIGN:

The world is going through some unprecedented economic times where we are seeing a manufacturing slowdown, business closures, unemployment crisis, and widespread riots. This is due to the lag of large scale physical and global well-paid job to satisfy all financial, corporate, and manufacturing sectors. What is needed is systems thinking — and systems acting — on a global scale. This system is The Hydroloop™ System:

- Harvesting the entire planet energy, water, freshness, resources, and distribute them, using The Hydroloop™ System, for industrial, domestic, and space program uses with modern infrastructure, and healthcare services evenly across each country.
- And use those countries to produce goods and technology to harvest another planet.
- These will allow us to upgrade ourselves to Type 2 Civilisation to harvest the energy of the entire Solar system in order to move to Type 3 civilisation (harvest an entire galaxy)

THE MAIN GLOBAL ISSUES: SOLAR MINIMUMS LEADING TO GLACIAL RETURN

Deep Solar minimum is here, now, affecting Global Crops, on-time transport system, financial system, health... but a golden opportunity for the financial sector

to invest in a new Space Age capable economy modelled by **The Hydroloop^(R) System** with industrial complexes in zero gravity.

The Sun continues to sleep into Deep 'Solar Minimum' or #GrandSolarMinimum as:

- 2020 Sees 57% spotlessness, but observed by high-precision satellites, if by telescopes similar to the 1700s, tiny sunspots won't be counted, making 2020 at least 65% spotless days
- 2019 was 77% by satellites, at least 89% by telescopes,
- 🛰️ NASA SDO launch: 11 February 2010
- 2008 with 73% by satellites,
- 🛰️ SOHO launch: 2-Dec-1995, operational from May 1996
- 1913 (85%) by telescopes,
- 1901 (79%) by telescopes,
- 4 Aug 1822 to 1 Dec 1823 (482 out of 485 days) =99 by telescopes, and;
- 1810 was 100% spotless, by very old telescopes, read:

Regardless of Human activities and the globalists intervention, our star—the Sun—is having a lockdown all of its own. Dr Tony Phillips, astronomer reports on his website, spaceweather.com, that already there have been 122 days in 2020 on 04-June-2020 (156 days into 2020: 122/156) when our Sun has displayed zero sunspots.

This adds up to a very deep solar minimum indeed which you can verify at Royal Observatory of Belgium, Brussels who consolidate Global Observation Stations:

- data file: sidc.be/silso/DATA/SN_d_tot_V2.0.txt
- graphs: <http://sidc.be/silso/datafiles>
- day-by-day images at NASA: <https://sdo.gsfc.nasa.gov/data/>, which has the option to jump to any date to see solar activity. Try to enter 2013-10-13 then click "Jump" to see Solar Maximum images.
- day-by-day data can be found by using spaceweather.com, and change the archives date. Between 1645 and 1715, no sunspots were observed on the Sun's surface, the 7-decades known as Maunder Minimum - also known as a Mini Ice-Age - when Earth's climate was substantially colder.

"The Maunder Minimum roughly coincided with the middle part of the Little Ice Age, during which Europe and North America experienced colder than average temperatures." That was the real cause Europeans conquered America, Africa, Australia, and Asia (https://en.wikipedia.org/wiki/Maunder_Minimum). Now we need to **conquer Space for infinite resources** as this is the only option left.



Space Army requirement for **Type I Civilizations**, each to include its **Heart and bloodstream known as The Hydroloop™ System**.

TYPE I CIVILIZATIONS

Type I Civilizations are civilizations that either have harnessed the full energy potential of their home planet, or have control over their entire stellar system, or both. These civilizations are likely to have full control over the weather on their planet, as well as having finished their exploration of their stellar system, capable to build a Defence system against any treats that could affect our planet such as asteroids or meteorites, solar flares or any risks from other stars.



TYPE 2 CIVILISATION

Type II Civilizations are civilizations that have control over more than one stellar system, and/or theoretically are able to harness all the power available in a single star.

So, a civilization that employs some form of faster-than-light travel is likely to be considered a Type II Civilization. Some Type II civilizations may not have capability of travelling faster than light but have the ability to harness the power of their star. This form of a Type II civilization

As planets readjust, expect major events including a higher risk of earthquake, volcanic activity and global financial "reset"

A new beginning of the Milankovitch Cycle

Approximately every 103,680 (25,920x4), the planets rearrange themselves to create 91,680 years #Glacial and 12,000 years #Interglacial. This is due to the helical rotation created special relativity pulling planets just like a child on a swing.

Another event is on the night of July 4th, there will be a lunar eclipse. At that moment in time, the maximum momentum of the earth towards the sun will be at maximum and will reverse and will coincide with the perfect alignment of the Earth with the moon and the sun.

This repeating events puts us in an even higher risk of earthquake and volcanic activity.

PLANETARY EVENTS AND GLOBAL CRISIS

Uranus is entering Taurus. The last times it happened was during the Great Depression and world war 2. Before that, it was the civil war. Before that, it was the European economic crises during the French/Indian war and the revolutionary war of America. Before that was the million death famines in India/Europe combined with many localized wars. What are the chances we'll see struggles in the coming years? The same Story told over and over.

This is self-evident Solar driven Climate dictate our world economy.

CLIMATE CHANGE

Climate is the long-term average of weather, one temperature of the whole planet, for a long period, example, 57.20°F / 14.00°C for the last 100 years. Some of the meteorological variables that are commonly measured are low atmospheric temperature, humidity, atmospheric pressure, wind, and precipitation. In a broader sense, the climate is the state of the components of the climate system, which includes the ocean and ice on Earth. The climate of a location is affected by its latitude, terrain, and altitude, as well as nearby water bodies and their currents.

Weather is the state of the atmosphere, describing for example the degree to which it is hot or cold, wet or dry, calm or stormy, clear or cloudy. Most weather phenomena occur in the lowest level of the atmosphere, the troposphere, just below the stratosphere. Weather refers to day-to-day temperature and precipitation activity, whereas climate is the term for the averaging of atmospheric conditions over longer periods of time. When used without qualification, "weather" is generally understood to mean the weather of Earth.

Solar Activity, the main parameter to predict Climate Change of our entire Solar System, Human activities have no effect, except around their cities where they

live, forests they destroyed, waterflow they interfered, and wrong policies they, Satans have implemented.

You really believe humans and their villain gas CO2 can cause Jupiter, Saturn, Venus, Mercury, Mars, Uranus, Neptune, and Earth Climate to change?

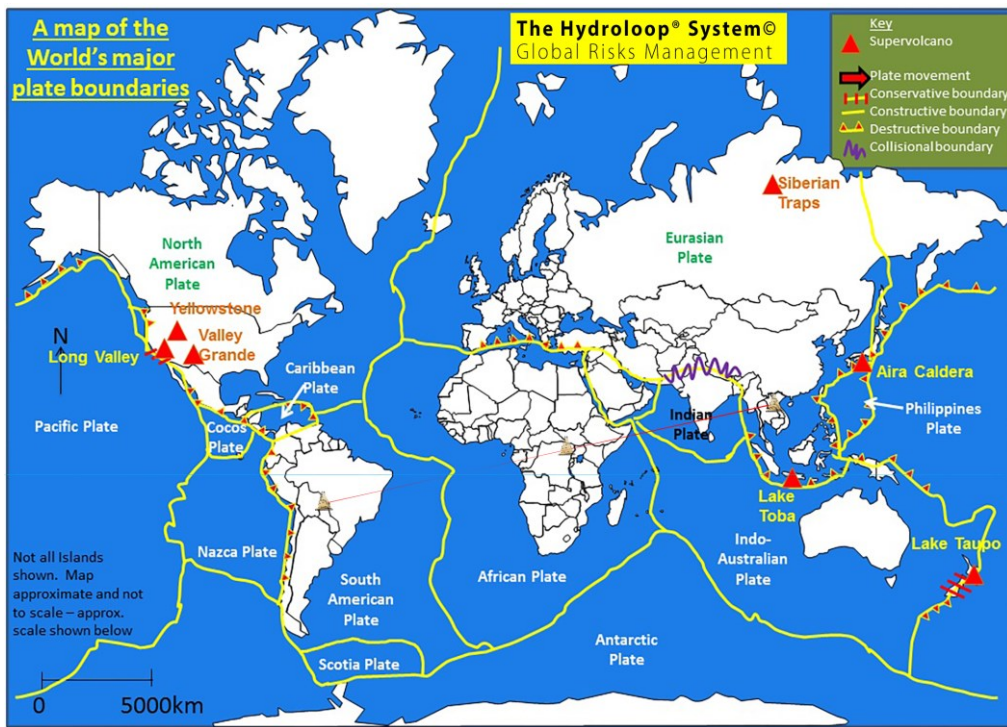
Solar activity and their special relativity, the sun energy, electromagnetic fields (sun and cosmic rays, ...) their distances (further away from the sun is colder than closer to the sun), the planet eccentricity, its axial tilt (obliquity), axis of rotation (precession), electric current flow variation between them, ... do change very often and it's cyclical.

YEARS OF FAILED ARCTIC SEA ICE PREDICTIONS

Over the past few decades, geographers, oceanographers, geophysicists, glaciologists, climatologists, geoengineers, and Al Gore –ha– have shown great interest in Arctic Ocean sea ice extent. Many of these experts envisaged an ice-free Arctic Ocean. Needless to say, each and every one of these forecasts has been proven hopelessly wrong, yet most of the scientists behind them have retained their positions and credibility within their respective fields.

The above list of fails is a sad indictment of modern science, yet the researches involved have all retained their positions and credibility — how? Because Global Warming is a powerful political tool. It will prop you up and support you if you follow the rules, but it will tear you down the minute you dare to question it. Although by then, a far more likely climatic reality will be upon us: **global cooling**.

SUPERVOLCANIC ERUPTION RISKS ASSESSMENT



Worse than killer asteroids or nuclear wars, if there is another Supervolcanic eruption occurring, there would be:

- **Climate collapse**
- **Toxic turmoil**
- **Mass extinction**

The Modern Supervolcanic eruption standard was set by the eruption of Tambora in 1815, eight times larger than Krakatoa eruption in 1883. In Tambora aftermath, 1816 became known as the year without a summer. Crops failed and livestock died in much of the northern hemisphere resulting in the worst famine of the 19th century.

The public has long been aware of the hazards of an erupting supervolcano. Explosions, lava, and debris flows. The record of recent supervolcanoes from Tambora to Pinatubo has added additional global hazard. The sulfurous haze that covered the earth in Tambora wake blocked enough sunlight to send global

temperature down by about 1.2 degree Celsius.

What would happen if a "supervolcano" eruption occurred again?

If another large, caldera-forming eruption were to occur such as Yellowstone, for example, its effects would be worldwide. Such a giant eruption would have regional effects such as falling ash and short-term (years to decades) changes to global climate. Those parts of the surrounding states of Montana, Idaho, and Wyoming that are closest to Yellowstone would be affected by pyroclastic flows, while other places in the United States would be impacted by falling ash (the amount of ash would decrease with distance from the eruption site). Such eruptions usually form calderas, broad volcanic depressions created as the ground surface collapses as a result of withdrawal of partially molten rock (magma) below.

A full eruption of the Yellowstone volcano would put 2,000 million tons of sulfur into the atmosphere. Within 2-3 weeks, the rest of the Earth would be covered with the sulfuric acid aerosols, dropping average global temperatures by as much as 10 degrees, and in some places, such as in the Northern Hemisphere, temperatures would drop as much as 12 degrees, shortening growing season by months resulting in crops failures.

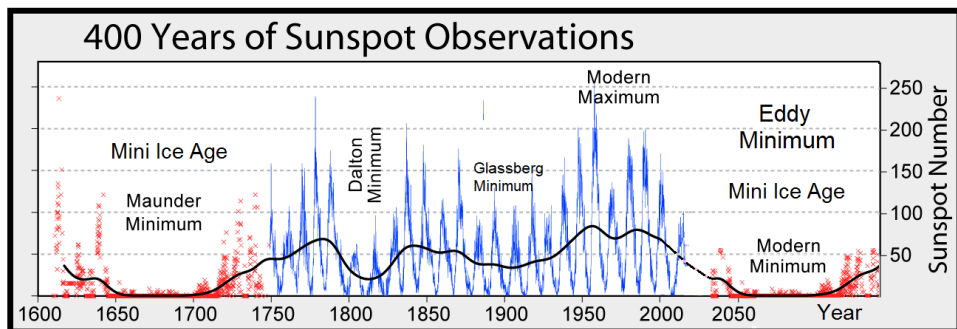
These cooler global temperatures could last as long as 6-10 years, and then temperatures would warm back up to normal temperatures. Such a disruption in global temperatures would likely cause the seasonal Monsoon to fail due to larger temperature reductions in the Southern Hemisphere, and lead to drought in the Asian countries that depend on the Monsoon rains.

If the Yellowstone volcano were to fully erupt, ash would bury a large portion of the United States, killing millions of people. Within 1,000 cubic km of the eruption, most people would die from the inhaled ash in the air that forms a cement-like substance in the lungs.

Fortunately, the chances of this sort of eruption at Yellowstone are exceedingly small in the next few thousands of years. But why wait for thousands of year if we can work on its prevention to occur right now.

RETURN OF #GLACIAL PERIOD

The COLD TIMES are returning, the mid-latitudes are REFREEZING, in line with the increasing great conjunction occurring during or close to North Hemisphere Winters, historically low solar activity, cloud-nucleating Cosmic Rays, and more meridional jet stream flow (among other forcings).



The Real cooling effect has begun while many people are being indoctrinated into Global Warming, renamed Climate Change narrative:

Most of North European farming is starting to get growing difficulties due to severe climatic shifts from now onward and will go offline and uninhabitable in 300 years. The same for North America, Russian Federation, Mongolia, and North China.

The ongoing Quaternary Glacial-Interglacial Natural Cycle

Before the Holocene 11,700 years ago (bf-1950), the Pleistocene Epoch of the Quaternary Period is the best-known glacial period (Ice Age) of the earth's history. Its ice sheets at one time covered all of Antarctica, large parts of Europe, North America, South America, and small areas in Asia.

In **North America**, they stretched over Greenland and Canada and over the United States as far south as a line drawn westward from Cape Cod through Long Island, New Jersey, and Pennsylvania, along the line of the Ohio and Missouri rivers to North Dakota, and through N Montana, Idaho, and Washington to the Pacific.

The **ice sheets of Europe** radiated from Scandinavia and covered Finland, NW Russia, N Germany, and the British Isles.

In **South America**, Patagonia and the S Andes lay under an extension of the Antarctic sheet.

In **Asia**, the Caucasus, the Himalayas, and other mountain regions were glaciated.

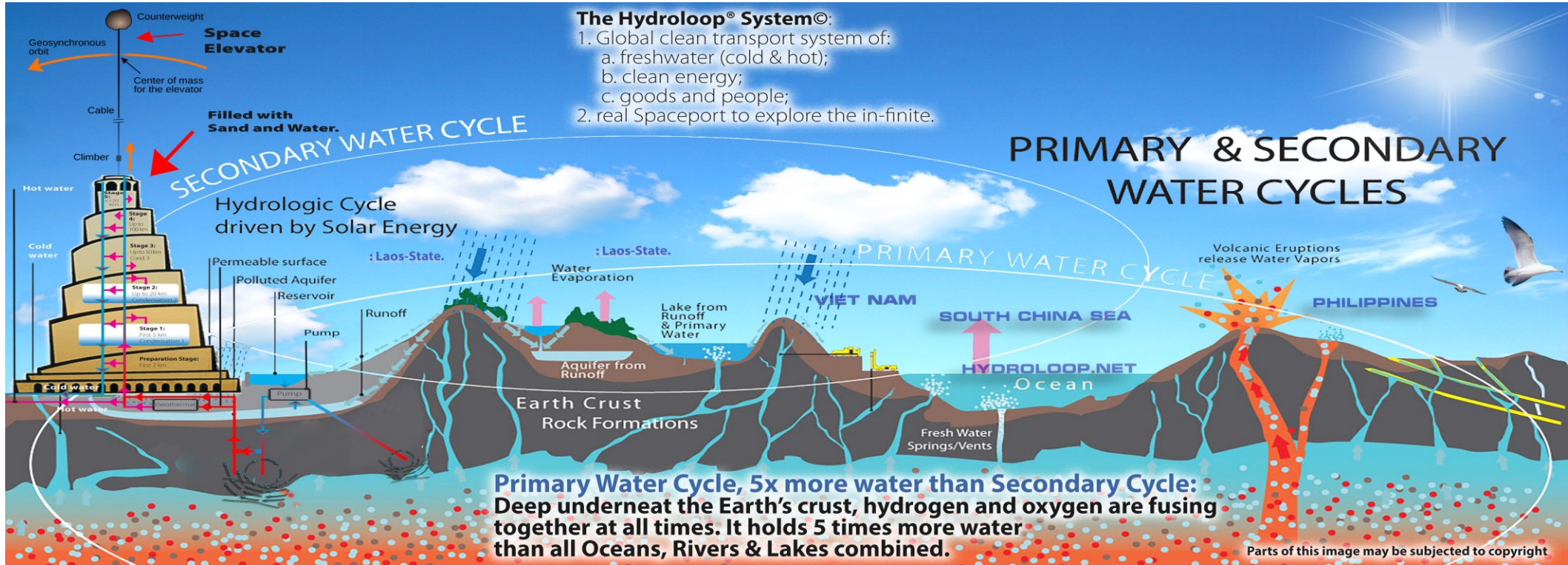


Grand Solar Minimum No Go Zones **Areas covered with glacial ice during the Pleistocene Epoch**

The glaciation of the Pleistocene was not continuous but consisted of several glacial advances interrupted by interglacial stages, during which the ice retreated and a comparatively mild climate prevailed. See [Adam And Eve Story](#).

In all probability there were actually only four glacial stages, the lowan and Bradyan being included in the Wisconsin as one complex stage. Carbon-14 analysis of fossils shows that the last glacial period ended about 11,700 years before 1950. This is why we need to prepare for both warmer and colder climate on Earth or in Space because out there, you will get extreme heat and extreme cold so we have enough well-paid job and businesses for everyone right from today.

ABSTRACT: The : Hydroloop : System, REAL-SOLUTION-Concept



The Hydroloop™ System, the hearts and bloodstream for the Earth^(R), spaceships, and other planets and a Spaceport System, patents pending.

The Hydroloop™ System Specification

- Distribute hot water from the primary water cycle powered by geothermal capable to control Earth internal pressure and expand the system globally. Hot and cold water will be channelled in parallel. The mix channel consisting of pressure from hot and cold water channel will be used as a transport system and to heat cold areas and cool warm regions, generate electricity at exit points and return water by building the same system to start the loops.
- As the loops expand, **The Hydroloop™ System as a Spaceport** will allow us to make our way into the stars by making a physical highway between Earth and Space, capable to transport heavy loads...

Primary Water Cycle

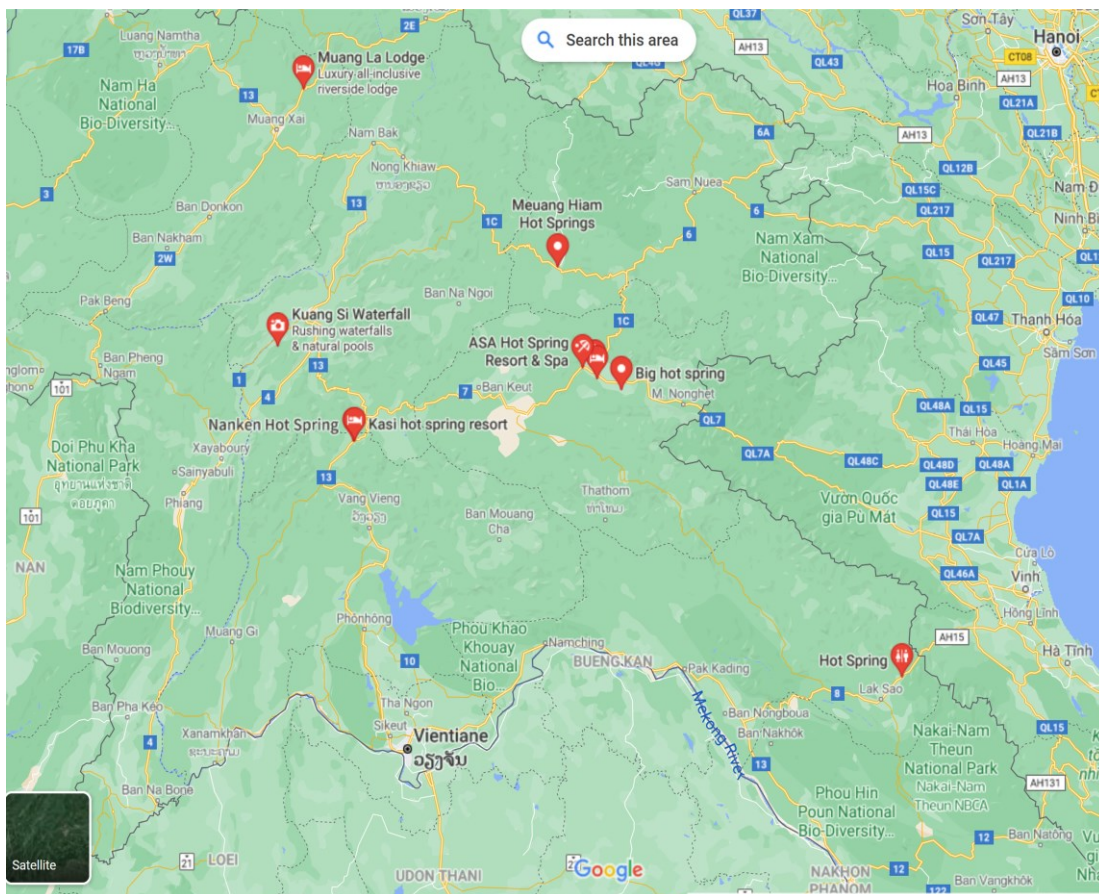
Primary Hydrologic Cycle is created underneath the Earth's crust. Under tremendous pressure from Earth's internal heat, hydrogen and oxygen are fusing together, became hot steam and forced upward through rock fissures (weakest areas of Earth's crust) becoming liquid as it cools. Primary Water is forced upward. The Primary Water Cycle is about 5 times the Secondary Water Cycle

Secondary Water Cycle

The secondary Hydrologic Cycle is driven by Solar and cosmic Energy and is subject to gravitational energy and flows downward.

The Hydroloop™ System is for The exploitation of both Water cycles.

Apparently once every few thousand years, neutral matter escapes from the 860-miles-radius inner core into the 1300-mile-thick molten outer core, and there is a literal atomic explosion inside the Earth. The explosion in the high energy layer of the outer core disrupts completely the electrical and magnetic structure in both the molten outer core and the outer 60-mile-thick molten layer. Finally, the ice caps are allowed to pull the shell of the earth around the interior, which the shallow molten layer lubricating the shift all the way.



The Ice Ages are not solely about slowly advancing and retreating ice. Instead, different areas of the Earth experience polar conditions at varying times and for different durations. These changes in position occur rapidly, sometimes within a fraction of a day. It's even possible for such shifts to happen in a couple of years.

Located Between the Earth's crust and the molten magma, there is 5 times more water than all Oceans, Rivers & Lakes combined. It is this warm water that had been pushed up by the pressure of the tectonic shift, elevated cosmic rays... increasing evaporation into the atmosphere and, with increase cloud seeding by cosmic rays, therefore more rainfalls to create Noah's Flood.

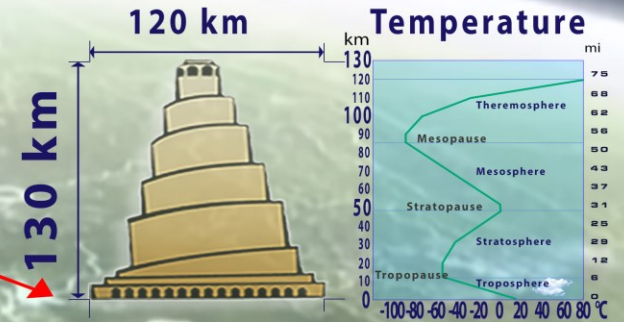
Therefore, using plenty of Hot springs are available in Laos with temperature above boiling point by injecting water deep underground, natural energy

transfer will occur powering **the hearts and bloodstream for the Earth^(R), The Hydroloop™ System**. This is the only feasible way to safeguard what we need to rebuild quickly after each cataclysm.

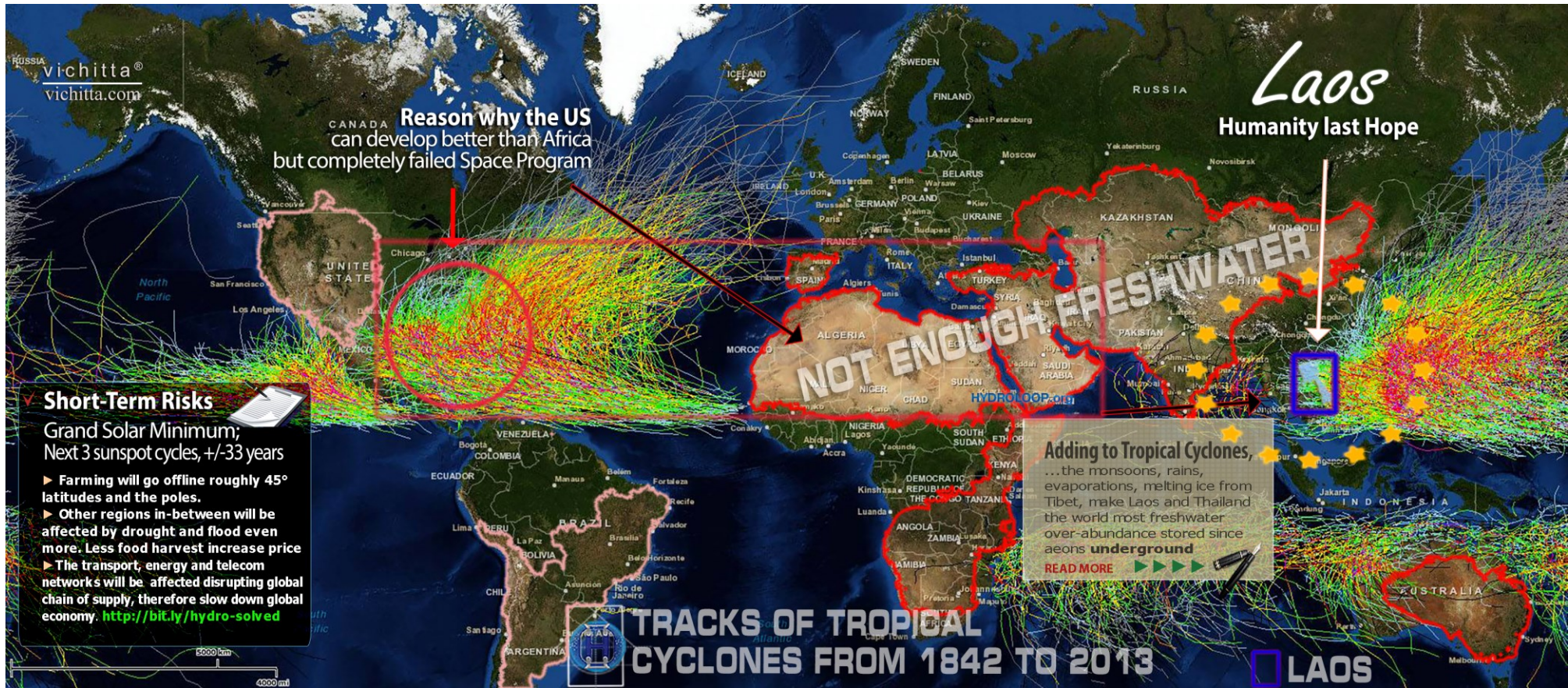
System



TOWER OF BABEL: Filled with
1. Mekong & tributaries excavations,
2. Lao mountains
3. sand from desert-belts,
enveloped by
Lao limestone and hempcrete shell.
Limestone formation in Laos
is among the biggest in SE Asia,
more in Viet Nam
and South China if needed.



Controlling flood and drought will be achieved by The Hydroloop™ System.



Laos has over-abundance of freshwater, warm (not frozen), at high altitude, and underground while most of Africa, South-Central Asia, Australia, USA Westcoast and South America do not have enough freshwater with aquifers depleting more than they can be refilled.

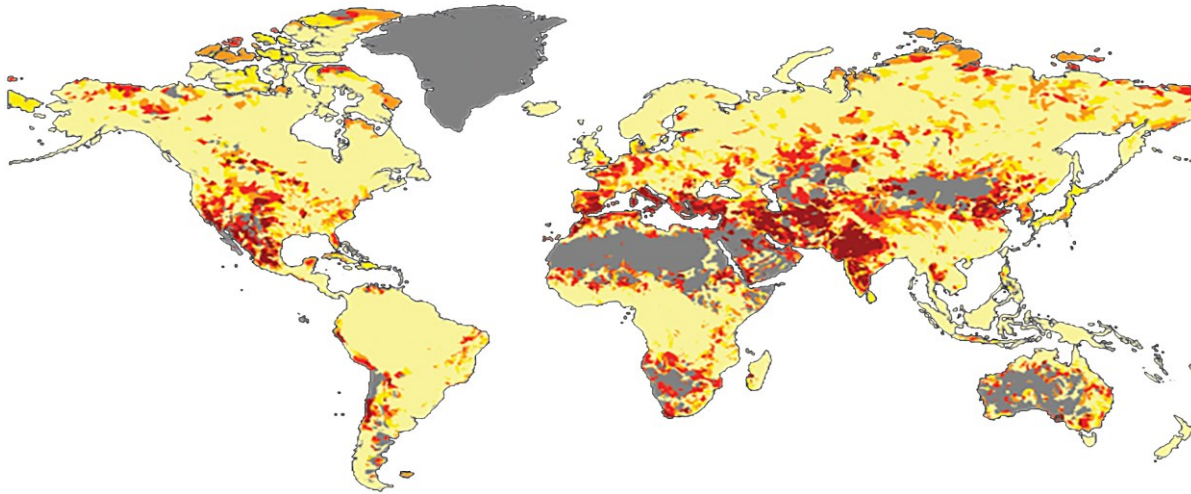
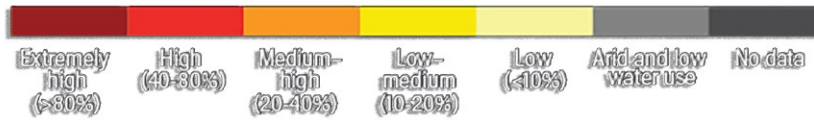
To store enough water that fall during very short period of time and move away from building dams and using them to just produce electricity will not only avoid causing environmental damages, but will allow regional economic development, creating well-paid jobs, a better education, healthcare, pension system and, at the same time solve current Global crisis including water stress, flood and drought,

secure clean water, to deliver potential energy at destination with a fraction of the cost by other expensive systems, move away from fossil-fuel, plutonium dependence, and above all, capable to explore the in-finite resources out there using left-over Earth finite resources, and avoid Mass Extinction events to continue human progress. This is **The Hydroloop™ System** masterplan financially viable, realistic, and the must as we will explain all later.

The finite resources are mainly desert-belts unusable sand. Mixed and washed by water to purify them, therefore it will be usable for **The Hydroloop™ System** infrastructure.

17 COUNTRIES FACE EXTREMELY HIGH WATER STRESS

BASELINE WATER STRESS



WATER STRESS CREATES RIPPLE EFFECTS THROUGHOUT SOCIETIES AND ECONOMIES

Water stress poses serious threats to human lives, livelihoods and business stability. It's poised to worsen unless countries act: Population growth, socioeconomic development and urbanization are increasing water demands, while climate change can make precipitation and demand more variable.

An example, Singapore, a steamy, low-lying island city-state, is the fifth most likely country in the world to face extremely high-

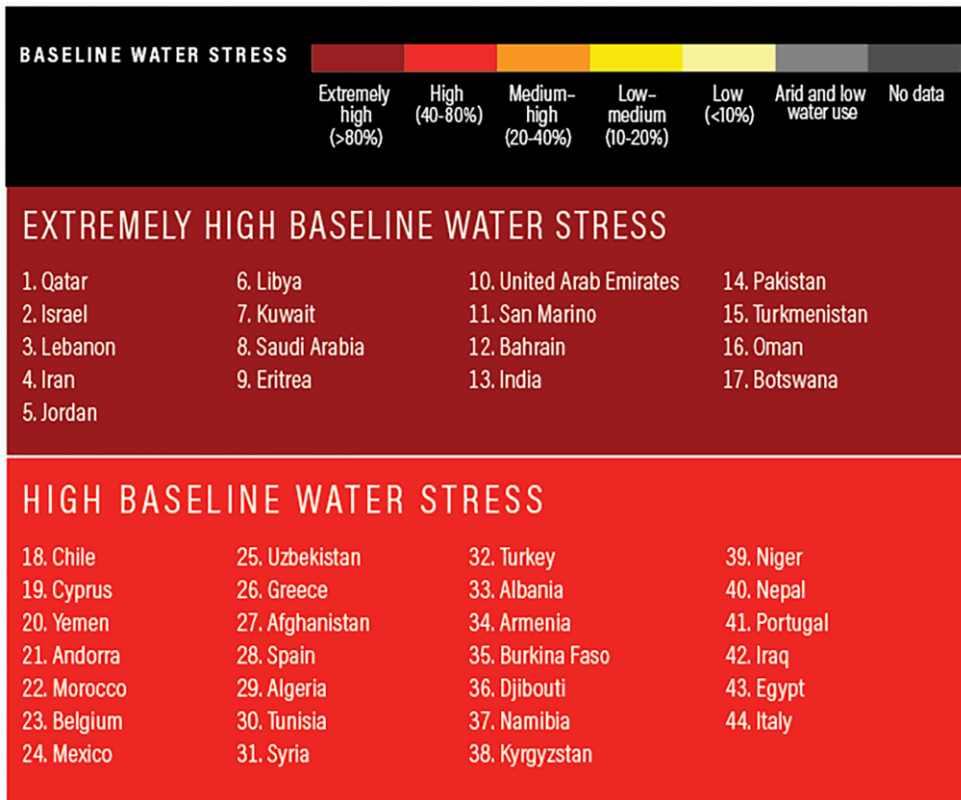
water stress by 2040, according to the U.S.-based World Resources Institute.

And it is hardly alone. U.N. data shows 2 billion people - a quarter of the world's population - now use water much faster than the planet can replenish natural sources, such as groundwater.

Today, 2.2 billion people lack access to safely managed drinking water services and 4.2 billion people lack safely managed sanitation services. Unsafe hygiene practices are widespread, compounding the effects on people's health. The impact on child mortality rates is devastating with more than 297 000 children under five who die annually from diarrhoeal diseases due to poor sanitation, poor hygiene, or unsafe drinking water. – UN

From water supply disputes between countries along the Mekong River to groundwater threats in India and growing scarcity in megacities such as Jakarta and Manila, water is becoming a bigger point of political contention in the region.

"We keep talking about how important (freshwater) is but it is probably an area where the least cooperation is happening," said Dechen Tsering, Asia-Pacific director at UN Environment.

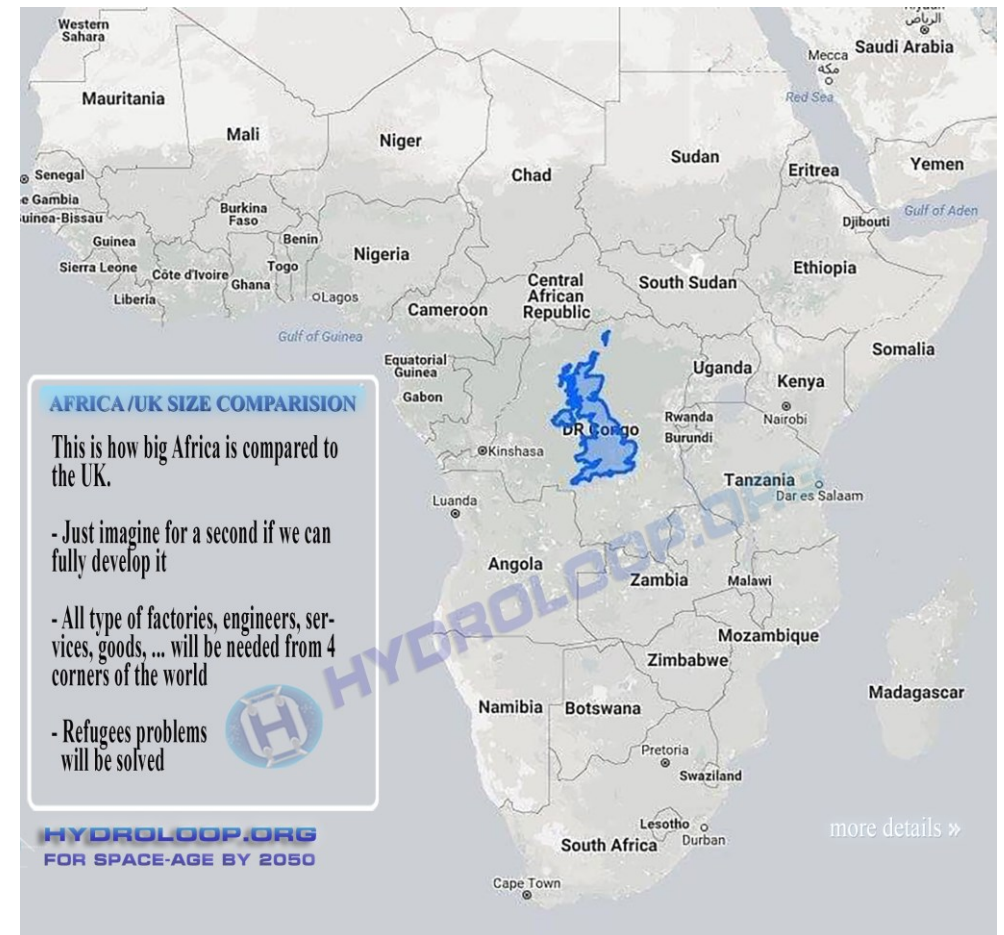


12 out of the 17 most water-stressed countries are in the Middle East and North Africa (MENA).

Rising demand has pushed these countries into extreme stress. Qatar, Israel, Lebanon, Jordan, Libya, Kuwait, the UAE, and Saudi Arabia among 12 out of 17 most-water-stressed countries depend heavily on seawater desalination systems to supply drinking water to people and industries.

Saudi Arabia’s plan to divert the Nile in Ethiopia will systematically move Egypt to extremely high baseline water stress and Sudan to high baseline water stress.

The Hydroloop™(R) System is the only permanent and Global Solution.



HOW TO FULLY DEVELOP AFRICA

For Africa to develop, it is obvious drought problem will need to be solved. The reason why Africa is so dried:

- Most Atlantic water evaporation is carried away from Africa by Jetstream to the west, North, and North-East, missing Africa (except rare flood near the coast)
- Most Mediterranean water evaporation is carried away from Africa by Jetstream to the west, North, North-East, and East missing Africa

(except rare flood near the coast)

- Most Indian Ocean water evaporation is carried away from Africa by Jetstream to the East, North, and North-West, missing Africa (except rare flood near the coast)
- Jetstream is a 3D moving model, there are many inter-continentals, inter atmospheric layers cycles. Example Heat from the Sahara to Western Europe with colder Arctic air to the Sahara. Or a South-North-Up-South, Down, ... cycles or vice versa.
- But there is one large band of Jetstream crossing entire Central African Continent.
- There are also few cyclones making landfall in the area and flood many big cities but the whole development system dismisses the water collection system to avoid such flood like we propose here with the Prototype in SE Asia and to be implemented around the world.



The state of drought in Australia, year 2019. The solution remains **The Hydroloop™(R)** System.

Due to intensive water footprint export by mining without using mined materials to build **The Hydroloop™(R)** System to import water, the problem will persist.



For Africa to develop, it is obvious desertification and drought problems will need to be solved.

POLLUTION, DAMS NEGATIVE EFFECT, AND ENVIRONMENTAL DAMAGES

China's greenhouse gas emissions in 2019 exceeded for the first time those of the US and other developed nations combined, according to a report published by an energy consulting [Rhodium Group](#).

China, which has a population of more than 1.4 billion people, passed the 14 gigaton threshold for carbon dioxide equivalents for the first time in 2019 – a tripling of its 1990 levels and a 25 percent jump in the past decade.

Because of that increase, China's share of global emissions in 2019 of 52 gigatons rose to 27 percent.



By developing **The Hydroloop™ System**, manufacturing of the world will be spread evenly to other regions where **The Hydroloop™ System** water and energy system is operational with implementation of cleaner and more advance technology. And the means to eliminate sandstorm, deforestation, wildfire, urban pollution... therefore dramatically increasing air quality.

IMPACTS CAUSED BY DAMS

Dams are not the Solution for anything but of environmental damages by funding corrupted government who work for their own corporations (all

private), exploiting resources that belong to people, to do more environmental damages.

Case studies 1; Tree-Gorges Dam



As pouring rain will be strong but short, expert warns that the Three Gorges Dam, one of the world's largest #dams, is at risk of collapse.

Reported in:

English:

taiwannews.com.tw/en/news/3952434

taiwannews.com.tw/en/news/3951673

Chinese: <https://www.ctwant.com/article/57949>

Videos:

<https://youtu.be/n6QyfrS7ARI>

<https://youtu.be/EOxF-QiALsk>

Many Articles:

google.com/search?q=Three+Gorges+Dam+useless+for+flood+control

CHINA SOUTH-NORTH WATER TRANSFER PROJECT

China largest inter-basin water transfer project in human history, has once again sparked public concern and debate. Many question that this 77 Billion US Dollars mega-project **has failed**.

The success or failure of a project needs to be analyzed from several aspects; such as whether the project has achieved the designed function, its impacts on the environment, operating economics, etc, these are all important factors that need to be analyzed.

The South-North Water Transfer Project is a large-scale water conservancy project in operation in China, transporting water resources from Yangtze and Huai River Basins to the North and Northwest of China.

The project crosses four major river basins — the Yangtze River, the Huai River, the Yellow River, and the Hai River — and consists of three water transfer routes: the East Route, the Central Route, and the West Route.

This project is classified as one of the world's largest megaprojects. According to the “General Layout of the South-North Water Transfer Project” published on the Chinese Central Government’s website, by 2050, the total water transfer volume of the three routes will be 44.8 billion cubic meters per year—— 14.8 billion by the East Route, 13 billion by the Central Route, and 17 billion by the West Route. State media in Mainland China reported that by the end of November 2014, the State Council's South-North Water Transfer Office had issued a total investment of 38.1 billion USD for the first phase of the East and Central Routes.

According to data reported by Chinese official media, the water transfer volume of the first phase of East Route and Central Route can only reach one-third of the designed capacity. Wang Weiluo wrote in an article that both the east route and the central route will cause severe environmental problems. Economist Cheng Xiaonong published an article arguing that the disaster in Zhengzhou was related to the South-North Water Transfer Project. Liu Sumei, Xu Lihua, and many other Chinese seismologists believe that the raising of the Danjiangkou Dam will induce magnitude 4 or

higher earthquakes, which will seriously endanger the lives of the surrounding people. Engineer Fan Xiao said: "The main problem of the South-North Water Transfer Project is water pollution. It passes through the Huaihe River basin, which is one of the most polluted areas of China's water. It's difficult to put the polluted water to use after it is transmitted." There is also the issue of immigration and resettlement. The construction of the Danjiangkou Reservoir alone has forced more than 400,000 people to move away.

In terms of economic efficiency, the South-North Water Transfer Project is a great failure. As for those local government officials in areas that the project is passing through, as long as the state invests in the project, the local GDP data will look good. They will also get benefits, and Job Opportunities will be created. If they support the project mandated by top officials, they may get a promotion; if not, the consequences are that they will likely lose their positions. Those who support the project will be assigned to the position. Either way, that the project must be constructed is something that cannot be changed. For design and construction companies, a project as big as the South-North Water Transfer Project is certainly a good business opportunity. The Project, known as the largest water transfer project, ever undertaken by mankind at a cost of 77 Billion USD, was thus completed.

China South to North 3 engineering problems

1. Differential flow rates, too slow flow rates won't meet expectation of annual target.
2. Sedimentary deposits build up obstruct the flow.
3. Canal freezing during winter is also obstructing flow.

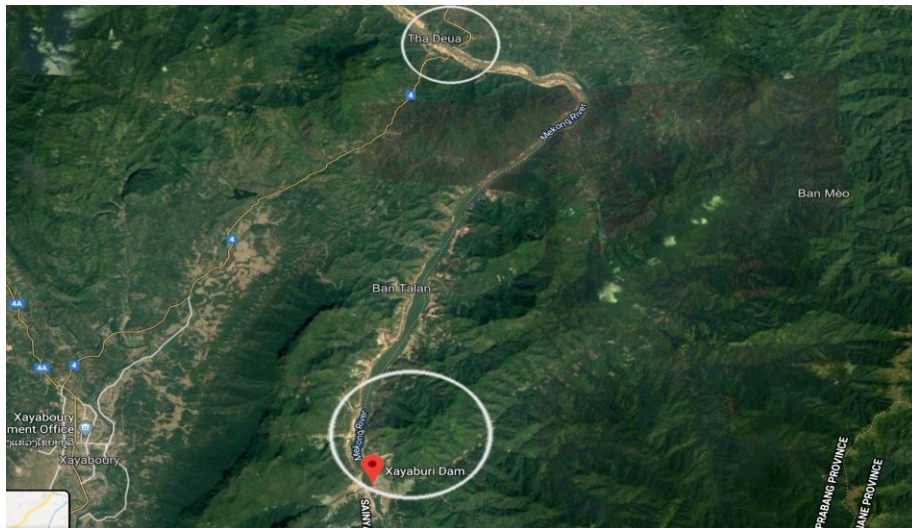
The Hydroloop™ System will overcome these 3 engineering problems.

In addition, by combining The Hydroloop™ System as a transport system of people, goods, and energy production/transfer with the connection to space, the overall cost is far lower and more efficient.

A warning for all the dams, people and businesses across the world below any dam as the #GrandSolarMinimum causes a massive amount of rainwater to fall in a shorter period of time that none of the many well-paid engineers considered in their calculation. That's just #GrandSonimum calculation error.

If some may survive these #GrandSolarMinimum effects, fewer will survive the long #Glacial that will follow, and none will survive the big melt that will come after that or by the Crust Displacement Cataclysms. The reason dams are dangerous. Many cities will be washed away or crushed as well as other infrastructures.

Most rural regions around the world are directly dependent on surface water - rivers, wetlands, springs and lakes. As the climate changes with irregular rainfalls, causing flashflood, but also extended drought, more toward the #GrandSolarMinimum (2018-2050) and deep #Glacial (slow effects: from 2050, deep: 2350 onward for 90k years) accelerating, free-flowing (not frozen) healthy rivers (not polluted) will become an even more valued resource than they are today. A few ways that dams harm water supply include, but not limited to:



Lower Mekong Case study: Xayaburi Dam and its environment catastrophe

- By trapping river-borne nutrients, **dams can lead to the growth of toxic green** (pictured) and **blue algae, killing fish**, and made the **river unsafe for drinking or swimming**.
- **Dams also lead to riverbed deepening** for tens or even hundreds of kilometres below the reservoir. Riverbed deepening can **lower the groundwater** along a river, threatening vegetation and local wells in the floodplain and requiring crop irrigation in places where there was previously no need.
- Tropical reservoirs are particularly prone to colonization by **aquatic plants**. In addition to causing other problems, **mats of floating plants** can lower reservoir levels. Losses of water from evaporation and transpiration in weed-covered reservoirs can be up to six times higher than those from evaporation in open waters.
- Because they greatly increase the surface area of water exposed to the sun, **dams can increase evaporation**. About 170 cubic kilometres of water evaporates from the world's reservoirs every year, more than 7% of the total amount of freshwater consumed by all human activities.
- **Rising salinity** (which ruins the land for farming) is another risk made worse by evaporation from reservoirs and changes to flows downstream. **High salt concentrations are poisonous to aquatic organisms and corrode pipes and machinery**.



The Mekong drought situation in 2020 caused by the Grand Solar Minimum.

- **Dams change the timing, amount and chemical composition of a river's flow**, leading to dramatic **changes to groundwater-storing floodplains and wetlands**. Such changes can lead to the **destruction of forests**, which among other things help regulate local climate.
- In a **case of quakes**, a massive amount of **water discharged** in a very short period will look **like a tsunami**. This will happen when Private Foreign Company terminate their lease and the dam will be too old with government incapable to maintain it.
- In the case of large and **successive tropical typhoons/hurricanes** making landfall above the dams, massive discharge will be needed, **unprecedented flooding will occur** below the reservoir.
- Many areas around the world are flooded regularly due to the **great variation in meteorological, topographical, and geological features over the river basins**, about two-thirds of the land area of China, SE Asia, South Asia, East USA are subjected to different types of floods that building **more dams makes the situation worse**.



Water quality at the [Basin](http://bit.ly/2MDYZfs) above the [Xayabuli Dam](http://bit.ly/2Mde310), full of toxic green algae.



Xayaburi Dam, Laos / ເຂື່ອນໄຊຍະບູລີ

- ໂຄງການ ເຂື່ອນໄຟຟ້າ ທຸກເຂື່ອນໃນລາວ ທຸກເຂື່ອນໃນລາວ ຍົກຕົວຢ່າງ; ເຂື່ອນໄຊຍະບູລີ/ Every Large dam in Laos, example; the Xayaburi Dam
 - ▶ ບໍ່ມີລະບົບການສະໜອງນໍ້ານໍາໃຊ້ສໍາລັບ / doesn't have the irrigation system integrated for
- ກະສິກໍາ, / Agriculture
- ອຸດສາຫະກໍາ / Industry
 - ▶ ເພື່ອຜະລິດສິນຄ້າເພື່ອການສົ່ງອອກ ອື່ນໆ ກ່ວາໄຟຟ້າລາຄາຖືກ /
 - ▶ To produce goods for export other than cheap electricity
- ມີແມ່ນເຫດຜົນທີ່ / This is the reason why
- ຄົນລາວບໍ່ມີວຽກເຮັດ ໄລຍະຍາວ ຈໍາຍດີ / Lao people do not have long-term, well-paid jobs
- ບໍ່ມີການພັດທະນາທີ່ດິນໃຫ້ມູນຄ່າທີ່ສູງຂຶ້ນ / No land development to increase value
- ຄືໃນປະເທດທີ່ພັດທະນາແລ້ວ / like developed countries
- ບໍ່ມີການບັບບຸງຢ່າງຕໍ່ເນື່ອງ / no continuous improvement
- ບໍ່ມີການບັບບຸງ ພື້ນຖານໂຄງລ່າງ ເປັນມາດຕະຖານສາກົນ
- No international infrastructure standards (not like China, Europe, USA)
- ບໍ່ມີການແກ້ໄຂນໍ້າຖ້ວມ ໄພແຫ້ງແລ້ງ / No plan to solve flood and drought
- ພຽງແຕ່ຂາຍຊັບພະຍາກອນ / Only to sell land resources
- ບໍ່ໃຊ້ ຊັບພະຍາກອນ ເພື່ອຜະລິດ ສິນຄ້າ ທີ່ມີຄຸນຄ່າສູງ ໃນປະເທດ ຈາກນັ້ນສົ່ງອອກ
- No internal use of resources to produce high-value-added goods
- ແຕ່ ໃຫ້ກັບ ປະເທດ ເພື່ອນບ້ານ ເອົາໄຟຟ້າ ຊັບພະຍາກອນ / But allow investors exploitation of resources
- ລາຄາຖືກ ໄປຜະລິດ ສິນຄ້າ ທີ່ມີຄຸນຄ່າສູງ / cheaply and export to produce high-value-goods
- ໃນປະເທດຂອງເຂົາ ຈາກນັ້ນ ສົ່ງອອກທົ່ວໂລກ / in their countries, then, export globally
- ຂາຍຄືນ ໃຫ້ປະເທດລາວ / including selling back to Laos
- ແຕ່ຕ້ອງໄດ້ຂາຍ ຊັບພະຍາກອນລາຄາຖືກ ໄຟຟ້າ
- but to buy back, Laos has to sell cheap resources, electricity included,

ຊື້ກັບຄືນ ເຮັດໃຫ້ອັດຕາເງິນກີບລາວ ເພີ່ / to pay, creating inflation.
 • ນີ້ເອີ້ນວ່າ ລັດຖະບານບໍ່ມີສະໜອງ ການພັດທະນາປະເທດ ແຕ່ມີສະໜອງ ພຽງແຕ່ຂາຍປະເທດເທົ່ານັ້ນ
 This is pure signs of incompetence how to develop a country, but only good to sell resources.



Mekong River Water Level below the Xayaburi Dam, [Reported here](#).
 By dredging the Mekong and use the rocks to build the Tower of Babel, this problem will be solved.

Causes of surface water drought pictured: Vientiane, Laos, early September 2019, due to resource curse business practice.

Coupled with:
 - low solar energy transfer to Earth reducing ocean water evaporation, although we are in the #GrandSolarMinimum phase with little ocean water evaporation reduction yet as Oceans are still acting as a huge thermal capacitor, during deep #glacial period, an estimated 80% reduction in water evaporation is not an exaggeration;

- change in typhoons trajectory and #Jetstream as witnessed in 2019 monsoon season, Laos was flooded further south while the north is deficient in rainfall and;

• Xayaburi Dams greatly increase the surface area of the already reduced water exposed to the sun with less cloud to reflect sun light, they increase reduced river water evaporation, accelerating drought, pictured here below shows that the Xayaburi dam is causing during dry season as water is blocked by the dam in order to increase electricity generation.

ໂຄງການທີ່ຈະແກ້ບັນຫາໂລກ ໃຊ້ປະເທດລາວ (Laos, a Country, owned by their people): <http://totrade.co/flood> ໂຄງການນີ້ຈະສະເໜີ ລັດຖະບານ ອັງກິດ, ອີຢູ, ອາເມລິກາ, ຈີນ, ຣັດເຊຍ, ອິນເດຍ, ຕົກຊີ, ອົດສະຕາລີ, UAE, ຖ້າພັກ ລາວຄອມມູນິດ (corporation, a company), ບໍ່ຕ້ອງການມັນ ພວກເຮົາຈຳເປັນຕ້ອງຂໍຮ້ອງພວກເຂົາ ປ່ຽນລັດຖະບານ... ຖ້າພວກເຮົາ ສະຫຼາດ ຢາກພັດທະນາ ຈະຕ້ອງອຸດໜູນໂຄງການນີ້



Global Development blueprint, Solution to Flood, Drought, Water Stress, Water Pollution, Food Crisis, Energy Crisis, Financial Crisis, Dead Space-Programs, Global Threats, ... starting from Lower Mekong Basin as prototype to expand throughout the planet.

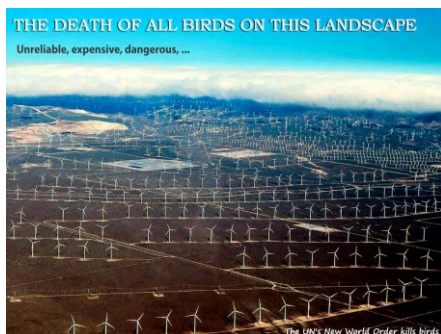
For groundwater, "piezometric surface" is a synonym of "potentiometric surface" which is an imaginary surface (red lines here) that defines the level to which water in a confined aquifer would rise were it completely pierced with wells. If the potentiometric surface lies above the ground surface, flowing artesian water well results.

After a large typhoon landfall combined with heavy monsoon/rains, the Mekong piezometric surface regularly raises above the flood line of about 11 metres from the lowest line, causing flooding of the basin.

To avoid such flooding, a simple and cheap solution is to create the river overflow system to fill the aquifers when the piezometric surface is about to reach the flood line as pictured. This is part of **The Hydroloop™ System** that is the water collection, transfer, distribution and recycle.

- ▶ Different layers of aquifers can help increase freshwater storage capacity.
- ▶ Once aquifers level drops by using stored water, stream overflow installed at any place at risk will fill them, avoiding that area flood.
- ▶ Using many layers of aquifers as storage:
 - ▶ larger water storage capacity, greater electricity production output combining with Geothermal power, better than hydropower:
 - ▶ a cleaner transport system of free, renewable energy, with Real Space-Exploration capability, solving most planetary risks:
- ▶ The Hydroloop™ System, using the Bernoulli principle, can distribute stored water as far as Australia and Africa without pumping cost. And with many more other applications, recycling Global Water Loop:

WIND TURBINES AND SOLAR PANELS



Wind power is a complete disaster. Denmark, the world's most wind-intensive nation (paid by your consumption of their products such as beers), with more than 6,000 turbines generating 19% of its electricity, has yet to close a single fossil-fuel plant. It requires 50% more coal-generated electricity to cover wind power's

unpredictability, and pollution has risen.

On the negative side of the environmental ledger are adverse impacts of industrial wind turbines on birdlife and other forms of wildlife, farm animals, wetlands and viewsheds.

Industrial wind power is not a viable economic alternative to other energy conservation options.

The U.S. Energy Information Administration reported in 2008, on a dollar per MWh basis, the U.S. government subsidizes wind at \$23.34 – compared to reliable energy sources: natural gas at 25¢; coal at 44¢; hydro at 67¢; and nuclear at \$1.59, leading to what some U.S. commentators call “a huge corporate welfare feeding frenzy.”

Each wind industry job created cost almost \$2-million in subsidies.

Then there are the fiscal greens, who, being cool to carbon taxes and cap-and-trade systems that make polluters pay, favour massive public subsidies to themselves for renewable energy projects

These two groups are motivated by different kinds of green. The only point of convergence between them is their support for massive subsidies to renewable energy (such as wind turbines).

This unholy alliance of these two kinds of greens (dooms-dayers and rent-seekers) makes for very effective, if opportunistic, politics, just as it makes for lousy public policy: Politicians attempt to pick winners at our expense in a fast-moving technological landscape, instead of creating a socially efficient set of incentives to which we can all respond.

The most surprising fact is that it costs \$532,000 to decommission a single wind Turbine.

After what we know about the effects caused by dams,

It looks like Earth will have another post "clean" energy environmental disasters when the wind turbines currently operating around the world reach the end of their 20-year "useful" lifetimes.

According to utility documents filed by Xcel Energy for its Nobles Wind facility, it will cost approximately \$445,000 (in 2009 dollars) per turbine to decommission the wind facility.

This means it would cost \$532,000 per turbine (in 2019 dollars) for each of the 134 turbines in operation at this facility, bringing the total cost of decommissioning Noble's project to \$71 million. However, Xcel also stated these estimates were conservative, meaning this likely represents the high-end cost of decommissioning.

In 20 years "useful" lifetimes, all those wind farms across the UK, China shorelines and everywhere else will have to be decommissioned. With the #GrandSolarMinimum effects and the beginning of the #Glacial returns, the whole "Clean" Wind potential energy generated electricity will be another environmental disaster to remember.

Original Source: <http://bit.ly/2ONClnD> (the difference: our own emphasis added)

Solar panel disposals will be even worse as they are very toxic. The amount of solar panel waste Japan produces every year will rise from 10,000 to

800,000 tons by 2040, and the nation has no plan for safely disposing of it. Neither does California, a world leader in deploying solar panels.

Solar panels create 300 times more toxic waste per unit of energy than do nuclear power plants.

If solar and nuclear produce the same amount of electricity over the next 25 years that nuclear produced in 2016, and the wastes are stacked on football fields, the nuclear waste would reach the height of the Leaning Tower of Pisa (52 meters), while the solar waste would reach the height of two Mt. Everest (16 km).

In countries like China, India, and Ghana, communities living near e-waste dumps often burn the waste in order to salvage the valuable copper wires for resale. Since this process requires burning off the plastic, the resulting smoke contains toxic fumes that are carcinogenic and teratogenic (birth defect-causing) when inhaled.

Green Pipedreams Inevitably Lead to Power Blackouts in Europe

On Jan. 8, 2021, a [major incident in the European power grid](#) led to a strong frequency drop, which could have led to full blackout over Europe. The incident reached high-alert level 4 out of 5, the second most severe ever in Europe.

The cutbacks affected areas of Romania and Austria.

The trigger for a Europe-wide blackout next time could be Germany, whose obsession with renewables has created power supply uncertainty which will get even worse if three of Germany's remaining six nuclear reactors get shut off at the end of this year. A strong frequency drop in Germany would cause a chain reaction throughout Europe.

As the wind turbines and solar panels' environmental disasters will happen at the same time as flood crisis during the deep #GrandSolarMinimum, with most of nuclear power station that need to be decommissioned for fear of #Glacial period

damages, geothermal, part of The Hydroloop™ System will be the best alternative for real type One civilisation of the Space-Age.

THE BETTER, CLEANER, MORE ENVIRONMENTALLY FRIENDLY SOLUTION IS GEOTHERMAL



Starting by Underground water collection, storage, transfer, distribution, and recycling system, flood and drought will be eliminated when in full operation: Larger and Cheaper than Overground storage with no land loss, no dangerous risks similar to dam collapses but to avoid sinkholes. Polluted and contaminated water will need to be avoided entering the aquifers.

This plan to solve flood, water-borne diseases, and drought can be put in application immediately.

Using Aquifers, Bigger, Safer, Better Water Storage for Global distribution System

Dams are not good enough to avoid flood and drought, but using aquifers can

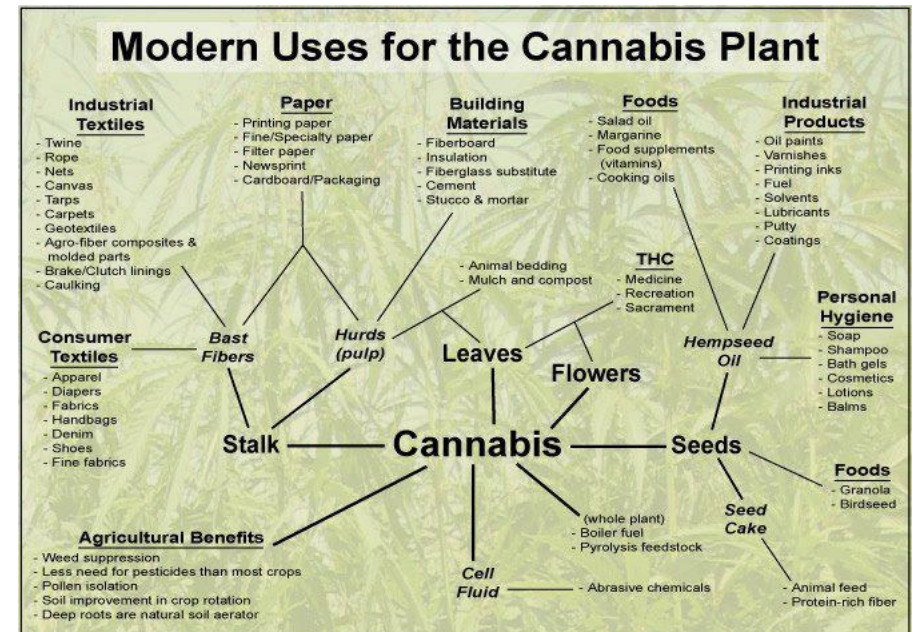
- ▶ Different layers of aquifers can help increase freshwater storage capacity during flood season and use it during the dry season, therefore regulate flood and drought.
- ▶ Once aquifers level drops by using water stored in the aquifers, stream overflow installed at any place at risk of flooding will fill them, avoiding that area flood.
- ▶ Using many layers of aquifers as storage is cheaper than using dams, environmentally friendly, cleaner water, no land loss, and with larger storage capacity.
- ▶ **The Hydroloop™ System**, using the Bernoulli principle, can distribute stored water as far as Australia and Africa without pumping cost.

And with many more other applications, ...

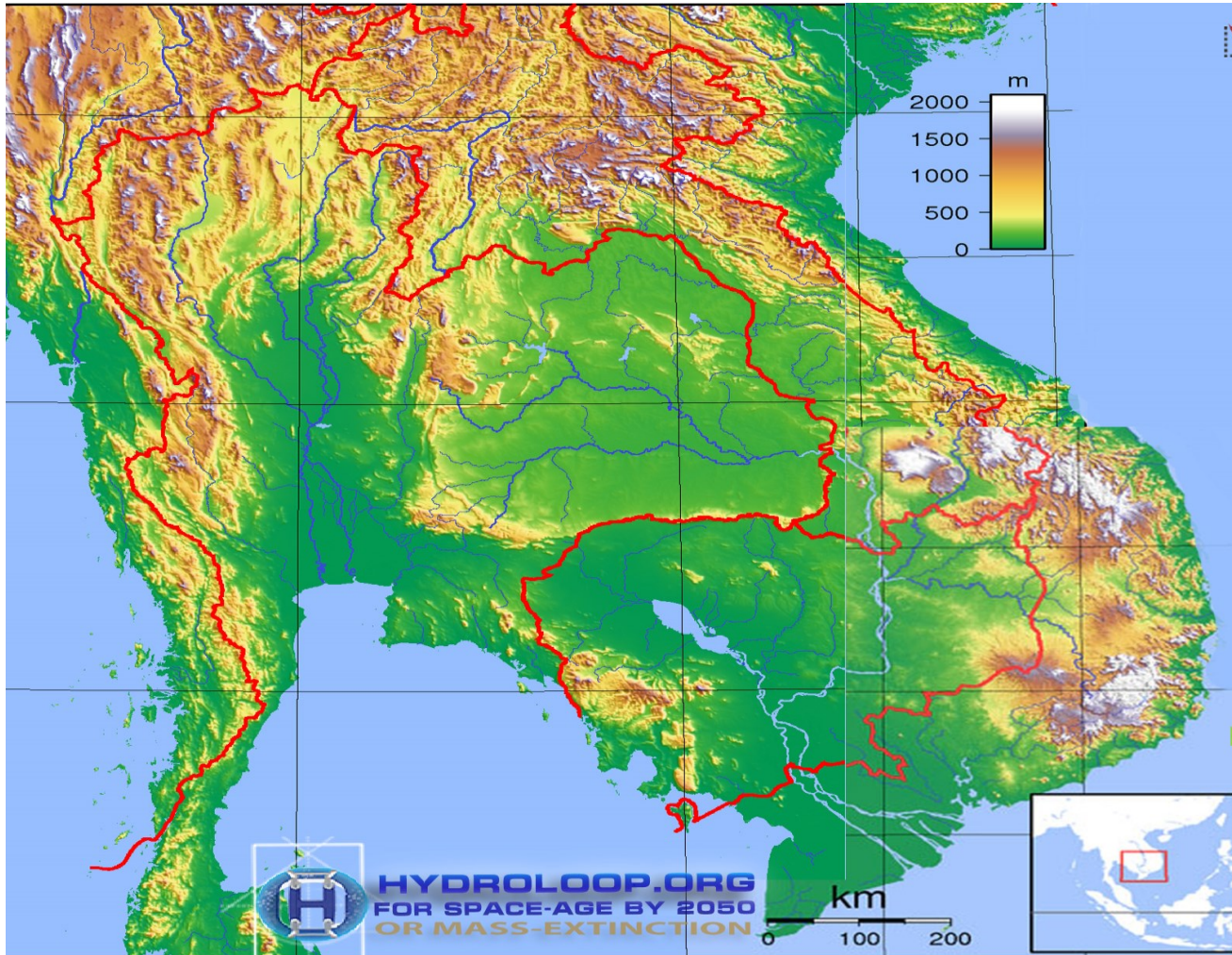
To keep water clean, these areas food production will have to be chemical-free. Aquaponics at large scale will be ideal solution.

The system will then be able to supply enough freshwater and electricity (magma geothermal with later phase, the thermosphere biosphere thermal), produced goods for neighbouring countries development, therefore increase bond volume and values. Then, with weather modification, expand the supply to countries neighbouring the neighbours as far as Singapore, Australia, India, Pakistan (the whole South Asia), then the SW Asia (UAE included), the Entire Africa.

The same principle could be applied to American Continent, collecting water from US East Coast and store underground. The same for South America.



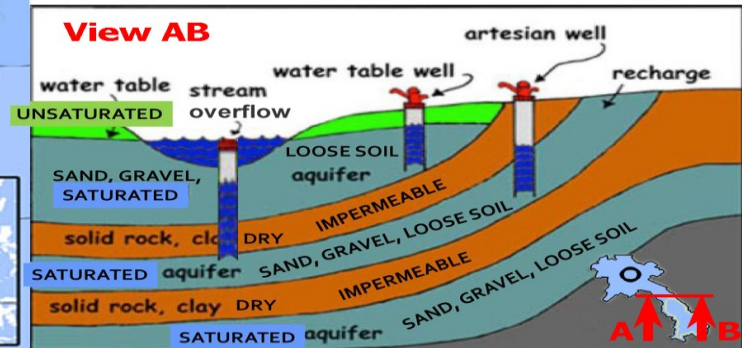
The whole desert belt, from Gobi desert in China to Africa can be used to grow hemp that can produce more than 50,000 different types of goods followed by the entire Africa using the same system to bring water from Central Africa. With increased water collection volume using latest weather modification technology, the whole Africa, Europe, America, and the entire International Ocean Waters could be interconnected and used for next phase.



Solving flood-drought

Dams alone are not good enough to avoid flood & drought

- ▶ Different layers of aquifers can help increase freshwater storage capacity.
- ▶ Once aquifers level drops by using stored water, stream overflow installed at any place at risk will fill them, avoiding that area flood.
- ▶ Using many layers of aquifers as storage is cheaper than using dams, environmentally friendly, cleaner water, no land loss, and with larger storage capacity.
- ▶ The Hydroloop system, using the Bernoulli principle, can distribute stored water as far as Australia and Africa without pumping cost. And with many more other applications, ...



Via government bonds and well negotiated contracts, we can build a spaceport capable to lift heavy materials and resources without weight restriction using freshwater delivering system of Bernoulli Principle (<http://bit.ly/2VPAJtJ>). But The Hydroloop™ System is more than that.

VOLCANOES AND WATER

A volcano is a place on the Earth from which magma and gases associated with magma flow through the Earth's crust onto the surface, whether on land, in shallow waters along the shoreline, or under the sea. Scientists estimate that there are tens of thousands of active and dormant volcanoes on Earth, and thousands more extinct volcanoes.

Water and volcanoes are closely linked. Volcanoes play significant roles throughout the "water primary cycle". Primary Hydrologic Cycle is created deep within the Earth from the synthesis of hydrogen and oxygen. Under tremendous pressure from Earth's internal heat, liquid H₂O, became hot steam and forced upward through rock fissures (weakest areas of Earth's crust) becoming liquid as it cools. Primary Water is forced upward.

WATER INTRODUCTION VIA PLATE TECTONICS

The making of a volcano requires magma, and the making of magma requires heat. In other words, rock that is deep within the Earth must melt before a volcano can form.

Most of the Earth's interior, although hot, is solid. From experiments it is known that water decreases the melting point of rock. If water is introduced to regions deep within the Earth, then solid rock there may begin to melt.

Water is introduced into the deep Earth when oceanic plates descend beneath continental plates, a process called subduction. Oceanic plates, such as the Juan de Fuca plate off the Oregon and Washington coasts, have thick, water-laden sediments at their surface. When these plates subduct, some of the sediments are dragged deep beneath the continents.

As a plate descends, the pressures and temperatures it experiences increase, and the water-laden sediments are baked (metamorphosed) and squeezed into new types of rock. At about 100 kilometres (62 miles) in depth, these metamorphosed sediments are transformed yet again, and during this

second metamorphism, water is released from the newly formed metamorphic rock.

The released water immediately vaporizes at these temperatures and pressures, and the vapor rises. As the vapor moves upward, it enters hotter rocks, since the deeper rocks have not had time to warm up to the surrounding temperatures and have cooled somewhat due to energy being removed as rising water vapor. These shallower rocks are so hot (1,300°C or 2,372°F) that they are near their melting points. The presence of the water in its vapor phase causes the melting point to decrease and the rock to melt and absorb the vapor. Thus, 100 kilometres (62 miles) beneath the western parts of Oregon and Washington, magma is forming.

CHARACTERISTICS OF MAGMA

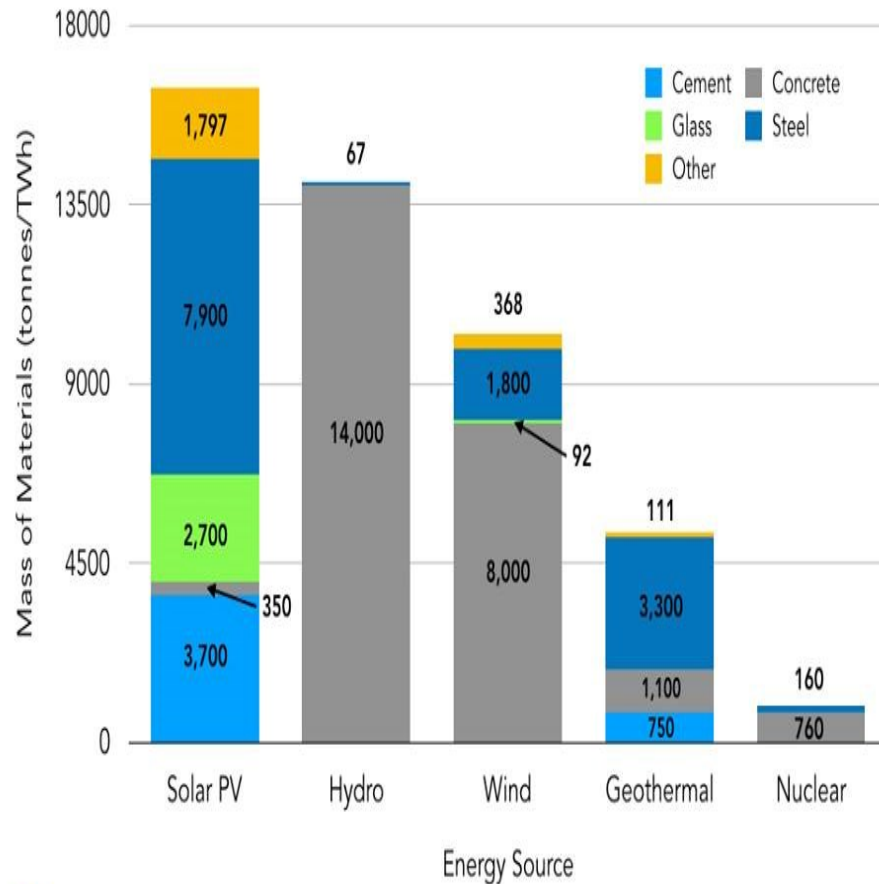
The magma that is produced is less dense than the rock from which it melted. Therefore, once formed, the buoyant magma, full of dissolved water vapor and other gases, will slowly force its way toward the surface. As the magma rises, the pressure from the overlying rock is lessened and the magma loses its ability to hold dissolved water. Bubbles of water vapor and other gases, mainly carbon dioxide, start to form.

WATER VAPOR IN MAGMA

Gases dissolved in magma behave in the same way as gas dissolved in a bottle of soda pop: when a bottle of pop is opened the pressure on its contents is released, causing gases to come out of solution and froth towards the surface. In the same way, when magma moves towards the surface, water vapor and carbon dioxide come out of solution and form bubbles. The rate at which these bubbles form and rise to the surface is a function of the water content of the magma and its viscosity.

The Hydroloop™ System will harvest heat and pressure stored by water in order to channel their motion energy toward desired destination.

Materials throughput by type of energy source



"Quadrennial Technology Review: An Assessment of Energy Technologies and Research Opportunities," Table 10, September 2015. United States Department of Energy. Nuclear and hydro require 10 tonnes/TWh and 1 tonne/TWh of other materials, respectively, but are unable to be labeled on the graph.

If solar panels and wind turbines are so cheap and clean, do they appear to be making electricity so expensive?

One big reason seems to be their inherently unreliable nature, which requires expensive additions to the electrical grid in the form of natural gas plants, hydro-electric dams, batteries, or some other form of stand-by power.

Ways to make this project a reality

USA : Bank of America, Phouthone Siharath, Account: 8980 9263 7907

Routing numbers:

Electronic (for Direct Deposit and Automatic Payments) 063100277

Wire (for Wire Transfer) 026009593

UK £ Account:

Name on account: Judge Phouthone Siharath

Lloyds Bank. Sort code: 30-91-79,

Account 8149260

IBAN: GB57 LOYD30917981493260

BIC LOYDGB21216

EU € Account:

Name on account: Phouthone Siharath

SWIFT/BIC: GEBABEBB

IBAN: BE85 0019 4336 6506

HYDROLOOP.ORG
FOR SPACE-AGE BY 2050
OR MASS EXTINCTION

Temporary floodwater storage

Aquiclude Impermeable Caprock Solid, rock, clay Fine filtering layers dry

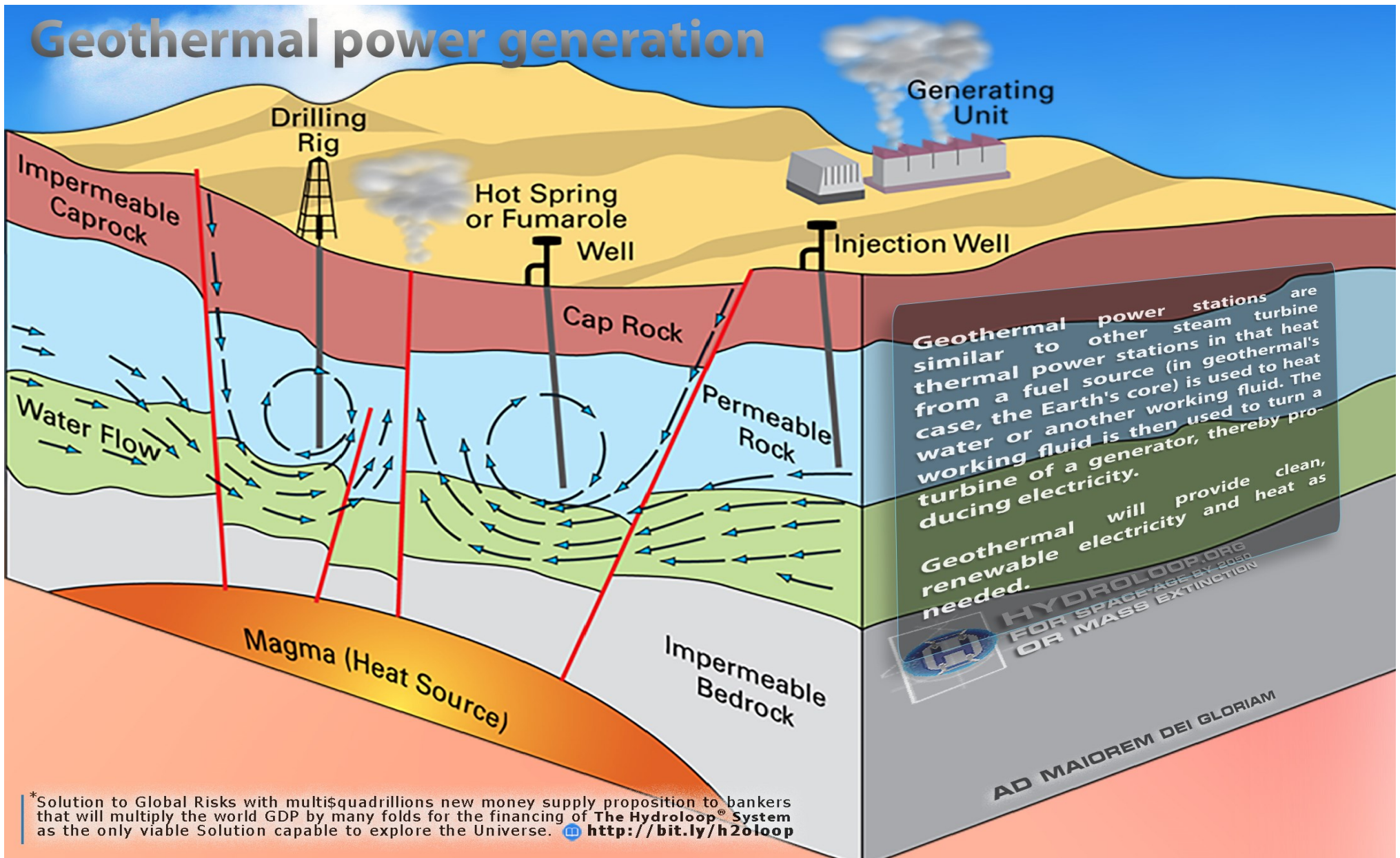
Shallow Aquifer
For agriculture, aquaponics, ... (80% usage)
Sand, Gravel, Loose Soil Saturated

Impermeable Caprock Ultrafine filtering layers dry

Deep Aquifer
Drinking water quality (20% usage)
Sand, Gravel, Loose Soil Saturated

Solving Sinking Cities, Flood, Drought, Clean Water scarcity, Pollution, ... and any Global Crisis.
AD MAIOREM DEI GLORIAM

The only technique to avoid loss by flood and drought, and to secure water availability even during any Global Risks, therefore increase land and business values, including GDP, Pensions, and most investment performances capable to fund Real Space Program to explore the Universe.



Geothermal; Type One Civilisation Hydroloop™System to control Earth energy flux, tapping on massive real renewable clean energy right under our foot.

GEOHERMAL POWER, BETTER THAN HYDROPOWER.

Using Dams to only produce electricity is [not environmentally friendly](#).

Dams should function as water storage for food production, industrial, domestic, recreational, and space-age usage by letting more water circulation, temporary storing excess rainfalls to regulate flood and drought, fill the aquifers, power geothermal and The Hydroloop™ System, therefore **a real Clean and renewable energy, cheap, with real Exploration of the Universe capability.**

Geothermal power stations are similar to other steam turbine thermal power stations in that heat from a fuel source (in geothermal case, the Earth's core) is tapping on hot water or another heated fluid. The working fluid is then used to turn a turbine of a generator, thereby producing electricity. Thermal power generation is one feasible solution that will work in outer space using the Sun as the heat source in one side, and the darkness to cool on the other side.

Geothermal is providing clean, renewable electricity and heat as needed.

LIST OF WHAT HYDROLOOP CAN SOLVE

HYDROLOOP for Space-Ages by 2050 advantages

- ➔ Completely new thinking, realistic, and multi-solutions system:
- ➔ Laos has a monsoon tropical climate with temperatures ranging from 20°C to 38°C at ground level. Additionally, it boasts the world's most abundant warm freshwater in high altitudes, resulting in greater gravitational force and kinetic energy.
- ✔ **Hydroloop™** is the only large-scale project to avoid Retirees to Run Out of Money

- ✔ **Hydroloop™** is to solve Hyperloop issues; Bernoulli equation of conservation of energy
- ✔ **Hydroloop™** is to reduce overcrowded air transport and seaports
- ✔ **Hydroloop™** is to solve water scarcity
- ✔ **Hydroloop™** is to solve energy issues
- ✔ **Hydroloop™** is to reduce flood and drought
- ✔ Balancing the vanishing of groundwater and sea-level rise, **Hydroloop™** aims to replenish dried lakes, aquifers, and rivers. By removing dams, innovative projects like this provide a solution to help restore damaged vital ecosystems, protect fish migrations, support communities around the world by mitigating cataclysm.
- ✔ **Hydroloop™** is to reduce extreme heat and cold
- ✔ Therefore, **Hydroloop™** is to replace air-conditioning and heaters
- ✔ **Hydroloop™** is to reduce food shortage
- ✔ **Hydroloop™** is to reduce post disasters disruptions of any commodity
- ✔ **Hydroloop™** is to reduce plastic pollution, replacing hydrocarbon plastic by using more plants
- ✔ **Hydroloop™** is to reduce Rivers, Ocean pollution, replacing bottom seabed trawling, a destructive method of fishing by allowing more land-based industrial fisheries, aquaponics, hydroponics, aeroponics, ...
- ✔ **Hydroloop™** is to clean Nuclear pollution.
- ✔ **Hydroloop™** is to clean Space Junks.
- ✔ **Hydroloop™** is to reduce economic crisis.
- ✔ **Hydroloop™** is to solve space exploration issues.
- ✔ **Hydroloop™** is to create infinite resources economy.
- ✔ **Hydroloop™** is to increase new \$quadrillions of money supply to be redistributed.
- ✔ **Hydroloop™** is to create well-pay and multi-generation jobs.
- ✔ **Hydroloop™** is to redistribute wealth better.

- ✓ **Hydroloop™** is to decrease desertification.
- ✓ **Hydroloop™** is to eliminate forest fire.
- ✓ **Hydroloop™** is to control sea level.
- ✓ Therefore, **Hydroloop™** is to make Antarctica a rainforest continent.
- ✓ **Hydroloop™** can void Ice-Age related Quakes by better managing risks.
- ✓ Hydroloop, the only Space Age Glacial long epoch solution.
- ✓ **Hydroloop™** is the solution when interoceanic transport will be cut off by sea level drop.
- ✓ **Hydroloop™** is to void Big-Melt Mega-Flood.
- ✓ **Hydroloop™** is to reduce Mass-Extinction risks.

The Hydroloop™ System is the only solution capable to start all the above tasks very quickly, about 30 years from drawing approval.

Magnetic Reversal, Crustal Displacement, (Super) Grand Solar Minimum, Glacial, Solar Micronova, Super flare, Cosmic Disaster,

Tsunamis, Asteroids impact, Volcanoes, Mega-flood, or limited resources usage, increased population trends, increased consumerism, with negative effects development agenda in the meantime... All happened on Earth before and it's all coming again soon. Which one(s) will do the job first?

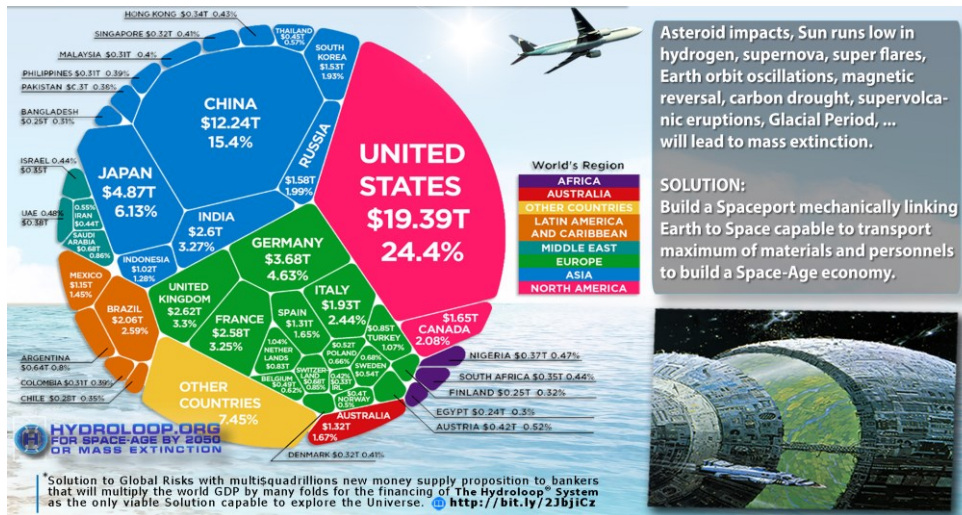
- ✓ (SUPER) GRAND SOLAR MINIMUM, STARTING NOW
- ✓ LONG OVERDUE GLACIAL ON EARTH, STARTING 2050

- ▶ A 20-year savings gap for Japanese women is the world's biggest
- ▶ Global retirement shortfall could top \$400 trillion by 2050

To secure pension funds availability and survive from another Mass Extinction, Space Age is a necessity, and it won't be realisable with rockets, space elevator, anti-gravity, ... means but The Hydroloop™ System.

The Hydroloop™ System as higher-yielding assets that will create more cascading higher-yielding assets.

Hydroloop^(R) AS THE GLOBAL GDP MULTIPLIER System



nominal terms at \$12.2 trillion, you may recall that the Chinese economy has been the world's largest when adjusted for purchasing power parity (PPP) since 2016. The next two largest economies are Japan (\$4.9 trillion) and Germany (\$4.6 trillion) – and when added to the U.S. and China, the top four economies combined account for over 50% of the world economy.

HydroloopTM IS to multiply the world GDP by many folds without destroying the world, but protect it.

- 1. Build the Spaceport with:**
- 2. Global Freshwater distribution,**
- 3. With goods and people transport system,**
- 4. including Heat/coldness distribution.**

This system IS to oblige every country on Earth to participate to save humanity from mass extinction and to repair the Earth many current issues.

The US Corporation still IS the largest GDP at \$19.4 trillion, making up 24.4% of the world economy. While China's economy is far behind in

PROTOTYPING

THE HYDROLOOPTM SYSTEM: A SUSTAINABLE SOLUTION

The **HydroloopTM System**, developed by TOTRADE LTD, represents a groundbreaking solution for sustainable energy, water, hydrogen, and goods transportation. Here are the key points:

- 1. Geothermal Energy:** The HydroloopTM harnesses the power of **geothermal energy** to provide a constant supply of electricity, water, and hydrogen. It's not just a water pipeline; it's a multifunctional system that can transport goods and people as well, a replacement of Hyperloop.
- 2. Global Impact:** With a broader range of applications than any other transport system, the HydroloopTM stands as a game-changer in the industry.

LARGE-SCALE HYDROGEN (H2) PRODUCTION INITIATIVE: HARNESSING HYDROLOOPTM TECHNOLOGY

Hydrogen production presents a promising avenue for clean energy, yet its traditional methods often clash with environmental sustainability, particularly in water-stressed regions. For every kilogram of hydrogen generated, nine kilograms of water are typically consumed, posing a challenge in maintaining ecological balance. However, the integration of hydrogen production with innovative systems like HydroloopTM offers a transformative solution.

The HydroloopTM process revolutionizes hydrogen production by leveraging greywater, a relatively clean wastewater source. Initially, greywater is introduced into geothermal hotspots, such as hot springs and the Primary Water Cycle. Here, it undergoes a transformative journey: heated to high pressures, it ascends as steam, tapping into Earth's natural energy reservoirs. This steam, under pressure, propels

the Hydroloop™ System, facilitating efficient long-distance energy transmission.

As the steam cools and condenses into liquid, it becomes a valuable resource for local Hydroloop™ networks, replenishing reservoirs and powering nearby communities. This dual-purpose utilization optimizes resource efficiency while minimizing environmental impact. Moreover, the heat exchange process within the Hydroloop™ system purifies the water, ensuring its safety for consumption by eliminating harmful bacteria.

Beyond its environmental benefits, the Hydroloop™ system holds immense potential for hydrogen fuel production, alleviating logistical burdens and fostering sustainable energy practices. By tapping into natural water and gas reservoirs, hydrogen can be generated on a vast scale, contributing significantly to a net-zero carbon footprint.

WHY LAOS? EXPLORING THE POTENTIAL OF HYDROLOOP™ IN LAOS

Laos emerges as a prime candidate for pioneering Hydroloop™ technology, boasting unique characteristics that align seamlessly with its implementation:

- 1. Size and Development:** With a landmass akin to the UK, Laos offers vast territory for large-scale infrastructure experimentation. Its relatively undeveloped status provides a fertile ground for innovative solutions without the constraints of existing infrastructure.
- 2. Affordable Land:** Land costs in Laos are notably lower compared to many other nations, facilitating cost-effective implementation of large-scale projects. This affordability eliminates financial barriers, fostering accelerated progress in technological deployment.
- 3. Tropical Climate:** Laos's tropical climate proves advantageous for geothermal energy utilization, a cornerstone of the Hydroloop™ system. Consistent temperature gradients in the ground enhance energy efficiency, maximizing the potential for sustainable energy production.

4. Freshwater Abundance: Abundant freshwater resources, both surface and subterranean, position Laos as an ideal hub for sustaining Hydroloop™ operations. This water abundance not only supports hydrogen production but also facilitates cost-effective logistics for water, energy, and food distribution.

5. Proximity to China: Laos's strategic proximity to China streamlines access to essential materials and labor, expediting the prototyping process. Collaboration with China offers unparalleled opportunities for knowledge exchange and technological advancement.

6. Low Natural Disasters: Compared to other regions, Laos experiences minimal natural disasters, ensuring stability for long-term infrastructure projects. This resilience safeguards Hydroloop™ installations, fostering sustained operational efficiency.

In essence, Laos represents a fertile ground for realizing the full potential of Hydroloop™ technology, driving forward the transition towards a sustainable, hydrogen-powered future.

ABOUT THE AUTHOR/RESEARCHER

**: man representant in factual-legal-fiction, ...as
: Phouthone-Thone: Siharath: ... UCC 3-402, under
revert.**

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LinkedIn: <http://bit.ly/2NQG12D>
Web: totrade.co

Global Solution: totrade.co/solution

Specialities

Specialising in (contribute to society by) The Traceability in political science, food security, Real Global-Solar System-and-Galactic Risks Assessment and Solution

Politically

Independent, Non-Aligned, Volunteer, No Political Affiliation,

Supporting

Provide a Real and Realistic Solution for mankind to face all those Risks capable to explore the Universe for the benefit of all, not a few, toward type 1 Civilisation and beyond by providing good Public Servant Leadership Supports.

Patents

Legal Fiction System pending with UK PLC-~[UK00003501625-UK00918274942](#)- And With The EU:[018274942](#)
By the POSTAL-CONTRACT-CLAIM/S: [NY-0629-8511-5GB](#),~[NY5366-2306-8GB](#), for the dominate of the Legal Fiction.

The : Hydroloop : System Promotional Channel will target Global Institutions and Trust Funds managing assets of \$trillions in real values that are already available, but if those funds are unused or do not perform well, financial crisis is a certainty.

Therefore, **The : Hydroloop : System** is ideal, a new concept, sustainable, renewable, realistic, and the must for Global recovery and Solution to most, if not all of current and future Global, Universal, an Multiversal Risks as this is the solution how to explore

the Universe and Multiverse, the Common Aim of Mankind detailed in this report.

The **Common Aim of Mankind** (and God's Will) is to **Explore the infinite resources of the Universe**, not to enjoy Civilisation Collapses.

This is a lawful-binding-autograph-blue-thumbprint-witness-trademark/s-patent/s-pending document deliver and register By The **"Global Risks Reduction Funding Ltd."** For The **"HYDROLOOP™: Ltd"** as deed and Security instruments between different trustees, fiduciaries, and beneficiaries.

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To comply with Montevideo Convention 1933, Article 1 The state as a person of international law should possess the following qualifications:

- (a) a permanent population;
Neutral-Claimant-Federal-Witness-Director-Captain-Postmaster-Bank-Banker-Plenipotentiary-Notary-Judge-Vassalee For **"VESSEL-PHOOUTHONE-THONE: SIHARATH."** ^(R)
- (b) a defined territory;
"VESSEL-PHOOUTHONE-THONE: SIHARATH."
- (c) government;
Constitution, pdf: totrade.co/cons, Governing Laws: God's-Law > Natural-Law > International-Law > [Uni]Form-Commercial-Code (UCC) = Canon-Law = Maritime-Law.
- (d) capacity to enter into relations with the other states;
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: Copy-right/Copy-claim.
: World-passport No.: 359214
For Humanity, represented by, and with [Power of Attorney ps@365.totrade.co](#)
[WhatsApp](#), [LinkedIn](#)
Thone CV: totrade.co/ps

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~Care-of: INTERNATIONAL-HOUSE.
~36-38: CORNHILL.
~CITY-OF-LONDON.

C.C: See first page

APPENDICES

Climate Emergency: totrade.co/climate
Universal Laws of energy: totrade.co/laws
History of cataclysm: totrade.co/cataclysm
Solution: totrade.co/solution
Solution PowerPoint: totrade.co/pwp
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