

Evidence of syntropy in Phión MEA water

Introduction

The purpose of this paper is to summarise the evidence collected by Phión since 2012 that supports the thesis that the patented MEA, structured, syntropy water devices will permanently restructure water into a six-sided crystalline structure with a negative charge. The enlightenment in this claim comes from the observation of the differences of how water behaves in both structured and unstructured water forms.

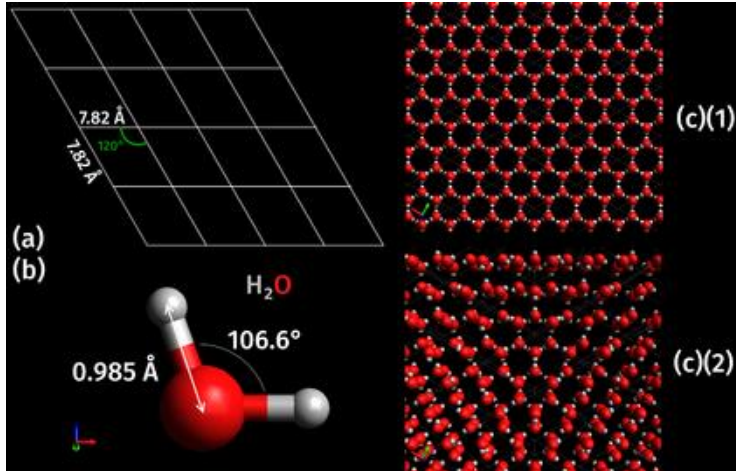
The MEA water website at www.meawater.com.au provides over 20 essays written by Robert Gourlay (Chief Scientists of Phión) about structured water and the experiments undertaken by Phión's research companies to prove MEA water devices will permanently restructure water and hold a permanent negative charge (-mV).

Life on Earth depends on the structure and anomalous nature of liquid water, often called **liquid crystal**. Organisms consist mostly of liquid water, ie. 99% of molecules in the human body are water molecules. This water performs many functions and it can never be considered simply as an inert diluent: it transports, lubricates, reacts, stabilises, signals, structures, and partitions into a cellular process of regulation and healing. The living world is an equal partnership between the biological molecules and water.

While public research on water structure commenced in the 19th century, many of the unique properties of water are still unanswered. There is already an understanding that water molecules form an infinite dynamic hydrogen-bonded network with localised and structured clustering. The middling strength of the connecting hydrogen bonds seems ideally suited to life processes, because they are easily formed and not too difficult to break. An important concept, often overlooked, is that liquid water is not homogeneous at the nanoscopic level.

When water freezes to ice it forms a solid-state, comprising a six-sided, hexagonal, crystalline structure (see images below and a diagram on the next page 2).



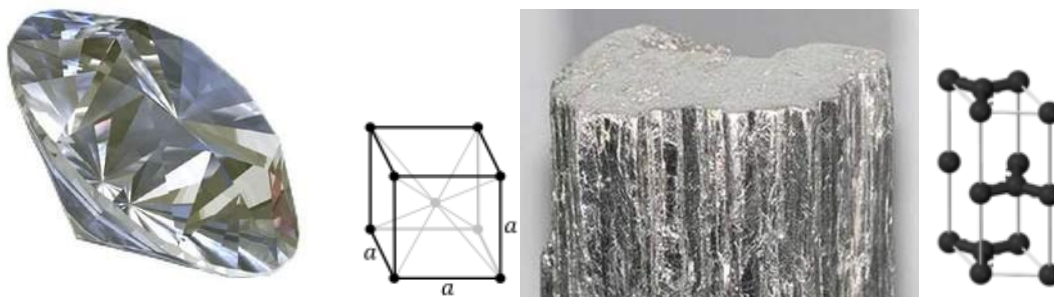


The (3-D) crystal structure of H_2O ice Ih (c) consists of bases of H_2O ice molecules (b) located on lattice points within the (2-D) hexagonal space lattice (a). The values for the H–O–H angle and O–H distance have come from *Physics of Ice* with uncertainties of $\pm 1.5^\circ$ and $\pm 0.005 \text{ \AA}$, respectively. The white box in (c) is the unit cell defined by Bernal and Fowler

The arrangement of the water's patterns is in response to environmental stimuli (eg. the orchestra of sounds, individual energy signals from minerals in the water, other subtle energies such as magnetism, etc.) Water can do this because of its unique ability as a **liquid crystal**. Liquid crystals are flexible and can rearrange instantly with new information from some stimuli (ie. by energy entrainment to the pattern).

We are not stuff that abides, but patterns that perpetuate themselves; whirlpools of water in an ever-flowing river
 Norbert Wiener, Physicist

Energy is always information and information can persist, and is encoded in patterns, ie. energy exists within patterns (structure). For example, a diamond and graphite are all made of carbon. The difference is in the crystalline structure. However, coal lacks a crystalline structure and it is organic (the carbon content of coal ranges from 40% for low ranked coal, ie. lignite to about 98% for Anthracite Coal).



Similarly, water can appear in different crystalline structures. For example, pristine flowing (vortexing) water (including seawater) will be in a six-sided crystalline structure, while water that is not flowing (eg. in a tank, pond, reservoir, etc.) will be in a five-sided crystalline (pentagonal) structure.

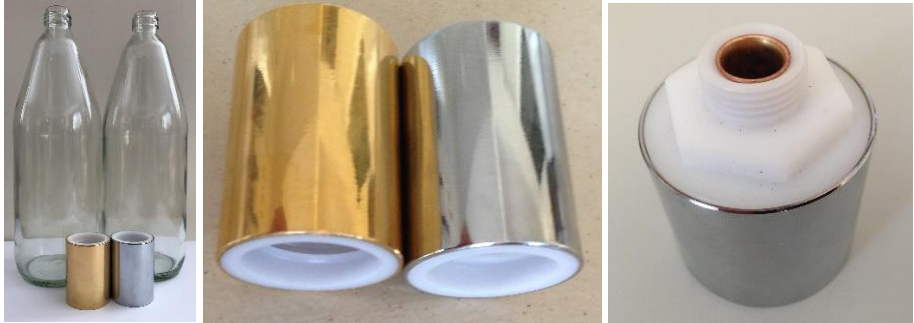
It is the dynamics of energy that determines the degree of order or disorder in patterns. This energy is usually described as either entropy (entropic structure) or non-entropy (non-entropic or syntropic structures). **Entropy** defines something that, left on its own over time, will gradually decline into **disorder**. This is the case when structured water is taken from a pristine, flowing stream and is stored in a container: it converts from a six-sided crystalline structure into a five-sided crystalline form (unstructured). Consequently, the urban water (and most other fluids) that most human's drink on Earth is unstructured (entropy) water. **Syntropy** (non- or negative entropy) describes something which does not decay or decline, however when left on its own over time will progress or change into a state of higher function or **order**. Therefore, a solid crystal (including a diamond) will persist without decay.

Phión has invented and produced water devices that will sustain syntropy in water. This innovation has endless capabilities for sustaining cell potential in the modern era. Phión water is: **SYNTROPY WATER**. *Syntropy water is the diamond in your water.*

*The true foundation of all culture is the knowledge and understanding of Water
Viktor Schauberger*

Phión (www.meawater.com.au) has designed water restructuring devices for a bottle top (portable), and in-line devices for under-sink, shower, whole house system, industrial and agricultural uses. These **Phión** inline devices require no maintenance and will perform indefinitely. The devices are unique to the market and have been awarded 4 Australian Innovation Patents, covering:

1. Patent Number 2016100017 for restoring water to a permanent negative charge
2. Patent Number 2016100592 for significant increase in food production and integrity when the negatively charged water is combined with a formulation of diverse and abundant microbial species. Microbes have a unique association with subtle energies to sustain life. Early single celled microbes would have used light and water energies to sustain life, and this capacity became the basis of all life. All plants, animals and humans sustain life through the electrical wiring of microbes in our digestive system, blood, etc. For example, microbes use the subtle energies of negatively charged water and photons of light in blood, to sustain the vortex within blood to spiral around the 100,000 km of blood delivering arteries, veins and capillaries of the human body.
3. Patent Number 2016100637 for removing pathogenic microbes from liquids such as wastewater and raw milk. In the case of raw milk, it does not have to be pasteurised or homogenised, as the pathogenic microbes (eg. E. coli) are eliminated and the milk's fats and oils are fully integrated and not separated.
4. Patent Number 2016102046 for the capacity of a MEA water device to hold and sustain a natural energy wave (known as Quantum Code Technology: QCT), and when the QCT water is consumed by humans it reduces stress levels to a normal range.



Left: Bottle top and under-sink, shower and outdoor tap and sprinkler devices.



Left: an inline device with ½", ¾", 1", 1 and ¼", and 2" inner diameters.

Evidence of syntropy in Phi'ón water

The information that follows describes examples of evidence that Phi'ón has produced to demonstrate that a MEA water device will create syntropy in water, or what is commonly known as structured water (six-sided crystalline structures with a permanent negative (-mV) charge). Phi'ón, at this stage of research, has not photographed the crystalline structure of the water. However, based on research by others, the Phi'ón water behaves like structured water in every way. Also, it has the physical properties of structured water, ie. **has a negative charge (-mV), increased surface tension and natural preservative properties** (compared with the unstructured water and other fluids consumed by people and domestic animals).

MEA, structured water has more oxygen (-) molecules and therefore **more hydrogen electrons**.

The experimental results outlined below demonstrate the following major differences between the **Phi'ón Syntropy Water** and other commercial forms of structured water:

Phi'ón Syntropy Water	Other commercial forms of structured water
Holds a permanent negative (-mV) charge	Not claimed
Sustains increased surface tension	Not claimed or claims a low surface tension
Sustains natural preservative properties	Not claimed
Sustains a permanent light blue colour	Not claimed
Progresses to a high energy status after initial processing	Not claimed
Eliminates pathogenic microbes in fluids (eg. raw milk)	Not claimed
Demonstrated synergistic relationship with beneficial microbial species in food production	Not claimed (albeit possibly demonstrated in some cases)

Note: In the table above, Phi'ón states a Not claimed opinion, based on information and evidence available on the websites of companies selling structured water devices.

Sustained permanent negative charge

Phión uses an in-house and proprietary-built system, comprising a voltmeter to measure the charge in the water. There is no commercially available technology for measuring water voltage, and while other companies use an Oxidation Reduction Potential (ORP) meter, such a meter measures only the potential of water to lose oxygen, and therefore the ORP meter does not measure water voltage or charge.



*This is an example of a voltmeter reading of a Phión water sample that has been processed through a Phión water device. The voltage reading in this case is -1.410 Volts or -1410mV. The charge can vary depending on environmental conditions and time since the point of processing. However, the results will range from about -150mV to -1.5V. Generally, the charge will increase with time. This is the **syntropy effect**, and in some cases the charge will peak at a stable -1.3 to -1.5V. Devices that are permanently installed inline will increase water charge to a peak or stable level within 4 weeks.*

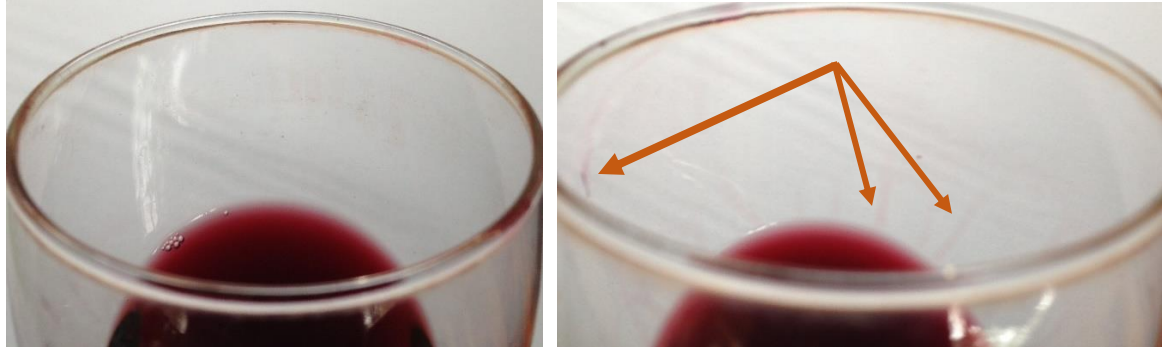
Increased surface tension

Surface tension is a measure of the strength of the water's surface film. The attraction between the water molecules creates a strong film, which among other common liquids is only surpassed by that of mercury. This surface tension permits water to hold up substances heavier and denser than itself. A steel needle carefully placed on the surface of a glass of water will float. Some aquatic insects such as the water strider rely on surface tension to walk on water.

Phión has undertaken tests to measure the surface tension of its structured water and in 100% of measurements, the Phi'ón (Syntropy) water has higher surface tension than the controlled water sample that is unstructured water (usually urban drinking water or bottled spring water)

Cohesive forces are responsible for **surface tension and** the tendency of a liquid's surface to resist rupturing when placed under tension or stress. Water molecules at the surface (at the water-air interface) will form hydrogen bonds with their neighbours, just like water molecules deeper within the liquid. However, they are exposed to air on one side, and have fewer neighbouring water molecules to bond with, therefore they will form stronger bonds with the neighbours. Surface tension causes water to form spherical droplets that allows it to support small objects, such as a scrap of paper or a needle, if they are placed carefully on its surface. This increased surface tension capacity significantly improves the ability of water to adhere to a surface when used as a spray application to deliver biology, nutrients and chemicals to the soil, plant, water, work or domestic surfaces, etc. Increased surface tension also significantly reduces spray drift that is a major issue in the use of chemical sprays, and therefore increases the contact of the chemical onto the target.

Below is an example of surface tension differences in a glass of red wine that is structured (left image: using a Phión bottle top device) and unstructured wine (right image). The unstructured wine will produce a tear-drop effect or streaks of wine on the glass surface due to the lower surface tension capacity. The structured wine is evenly distributed around the glass.



Also, the viscosity or surface tension of the Phión MEA structured water enables the body's fluids to move with greater ease, and therefore (based on published scientific papers) enables:

- Excellent cellular hydration due to the smaller water molecule clusters
- Balance to bodily fluids (ie. blood, lymphatic fluids, intercellular water, etc.)
- The absorption and assimilation of healthful vitamins and minerals to cells
- Improved digestion and elimination
- Health improvements with less joint and muscle pain, and more energy production.
- Promotion of healthy cell life (anti-aging).

Sustained natural preservative of the Phión syntropy water

A clear distinction between the Phión syntropy water and other structured waters is its natural preservative capacity. The implications for this syntropy capacity is significant as it may eliminate actions in food production to add either natural or synthetic preservative substances to the food (including liquids like wine). Below is an example with raw milk:



Research undertaken by Phión during 2016 demonstrated that raw milk processed through a MEA water device could potentially replace pasteurization and homogenization. This would

enable raw milk to be consumed with integrity in its natural biological and enzymatic state. This research also demonstrated that the MEA device will eliminate pathogenic microbes (eg. the harmful gram-negative species like E. Coli) and increase storage time in a bottle by 1-2 weeks.

The results also demonstrated that oils do not separate from the cream (fats) after the milk has been processed by a MEA device (as shown in the images on page 6 where the 3rd image from the left of **untreated raw milk** has separation of oils and fats after 4 days in refrigeration)

These results show that there is a pathway to restore all forms of milk (including stored breast milk) to its natural healthy state with integrity (ie. retaining its natural biological and enzymatic conditions for life). This syntropy effect is evident in the 4th image from the left of Phión treated raw milk as it separates into curds and whey after 2-3 weeks in refrigeration without any loss of milk integrity. That is, the milk does not decay or become contaminated. This natural preservative feature of Phión syntropy in liquids has significant potential for food preservation.

Raw milk is also rich in endocannabinoids, and particularly in breast milk where it protects the infant against disease, stimulates suckling response and helps to regulate appetite. If your organ and system cells are functioning at an optimal level, then the **body's natural endocannabinoid system** will use Omega 3 fatty acids to repair and grow the cannabinoid receptors. Milk that is obtained from organic, grassed pasture and is consumed in its raw form has the highest levels of Omega 3 fatty acids. The Omega 3 is also readily available from Hemp Seed Oil and is known to boost brain function, balance cholesterol, support fertility, heart function, joints, skin, vision, and is critical in anti-aging and anti-inflammatory regulation. We should not lose sight of the fact that we have a natural in-built endocannabinoid system, and a diet rich in Omega 3 is critical to sustain this system, particularly in pregnant and breast-feeding women.

Similar natural preserving results have been achieved with fruit in Phión syntropy water, compared to unstructured water. In the images below, the structured or syntropy water results are on the right of both images and the unstructured water results are on the left.



In the left image, blueberries were diced and immersed in the water. In the left bottle of unstructured water, a mould formed on the top of the water, however no mould formed in the structured water. In the right image, whole blueberries were immersed in the waters. In the left bottle the extraction of fruit phytonutrients was low compared with the right bottle of structured water (ie. differences in colour intensity). Also, it is highly likely that the phytonutrients in the unstructured water (left bottle) have oxidised. These results show a clear natural preservation quality in the Phión structured, syntropy water, compared with unstructured water. These results have significant implications for preserving fruit, and the use of water in cooking, fermentations of food, liquid probiotics, etc.

Phión syntropy water retains a blue colour

It is already known from science that light is versatile because photon energy readily converts into other forms of energy in a syntropy manner. For examples, when water is in a structured form it can significantly enhance the following effects:

- Incident light of one wavelength converts to another wavelength, producing fluorescence (eg. the blue colour in negatively charged water)
- Light powers the vibrational energy that drives Brownian motions (*the movement or current of microscopic particles in a fluid, because of the continuous bombardment from molecules of the surrounding medium*)
- Light releases electrons in cellular semiconductors to produce the photoelectric effects (ie. cell aura) or the Qi/Biofeild.
- Light separates charge in photosynthesis in plants (ie. conversion of unusable sunlight energy into usable chemical energy)

Other effects produced by structured water and observed by Phión are cavitation, or a high level of bubbles (left image below) and a light blue/green tinge to the water (right image below). This blue/green colour will persist because the **Phión** water retains its negative charge.



The fact that this colour is sustained over years since the water was restructured to a permanent negative charge is clear evidence that the hexagonal (six-sided) crystalline structure is not only created in the water, but it is sustained permanently. This blue colour can increase slightly in intensity over time and is further evidence of the syntropy effect of the Phión structured water.

Phión structured water progresses to a sustained and higher energy status (syntropy) after initial processing

Nobel Laureate, Szent-Gyorgyi postulates that there exists what he calls the *principle of syntropy or negative entropy (negentropy)*. The basic issue stated by Szent-Gyorgyi is that *there is some basic difference between the living and the non-living*. That is, a living system can self-regulate or self-heal to a higher level of coherence or harmony. Some people use this thesis to explain the spontaneous creation of living species, adaptation and longevity (ie. an optimal level of self-healing).

Although, in nature entropy (decay) is a revolving door, because the syntropy forces (laws of nature) are obviously operating to sustain life or evolution. Therefore, there is the issue of the tendency for the world to gradually disintegrate into lower and lower levels of organisation, and the converse fact that the laws of nature prevail in putting things together in a coherent way. This is one of the basic features of nature, if left to its own devices.

The concept of syntropy, while it does help explain some of the serious gaps in the theory of evolution, it can explain how the living or energetic world evolves, expands in complexity, yet retains harmony in natural ecosystems. If syntropy exists, it would seem possible to discover what causes syntropy to attach to and sustain living entities. The mechanism could be an energy activity that causes cells to increase energy in a unified fashion. If it exists in individual cells, there must be some outside, moderating energy mechanism to coordinate this *drive to perfect itself and make the body cells cooperate in a coherent and harmonic manner with other cells*. Otherwise individual cells would strive independently to perfect themselves, evolving in different directions, and in time cause disharmony and dysfunction in the organism.

However, Phión has measured and observed this process in fluid materials whereby the syntropy prevails and entropy is not a prevailing force. For example:

1. An aged wine that has lost its vital state (ie. tending towards vinegar) and is then processed through a Phión bottle top device will over a period of days or weeks, and exposed to the air, restore the wine to a near pristine state of drinkability. This phenomenon has been observed (tasted) by many of Phións clients and in test trials by others.
2. Raw milk that would normally convert to a decayed state within weeks of storage in refrigeration will progress to a stable and vital state of curds and whey (ie. increase its energy level to a stable or living state)
3. Water that is restructured with a Phión device will increase and sustain a negative charge to a higher negative charge, eg, from -350mV to -1400mV with weeks to months, depending on storage conditions and environmental effects (eg. light)

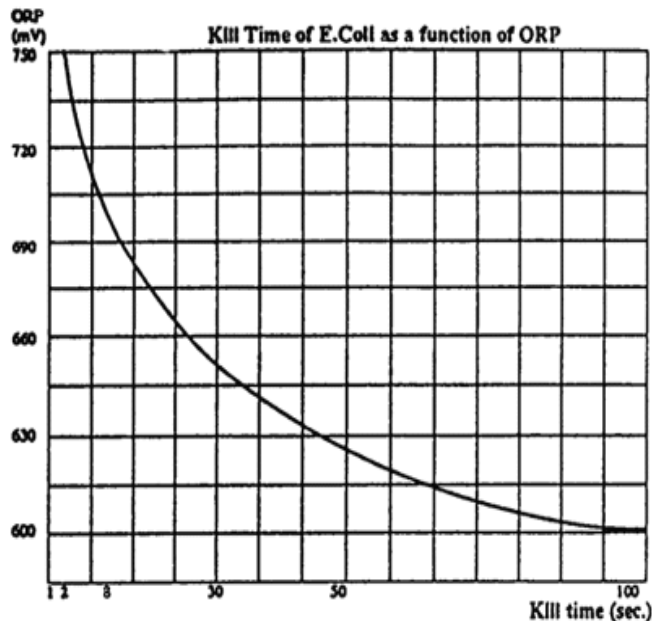
Phión syntropy water eliminates pathogenic microbes in fluids

Phión water devices can eliminate pathogenic microbes, like E. Coli. Below are independent test results.

- Test on creek water (14 Nov 2013) reduced E. Coli (faecal coliforms: cfu/100ml) from 250 to 2units. The device used was 1 & ¼"
- Test on piggery water (12 Mar 2014) reduced E. Coli from 2178 units to 1 unit. The device used was 2"

Similar results have been achieved using raw milk (see results described on pages 6-7). Consequently, the **Phión** device could replace pasteurisation as the MEA device destroys the pathogenic microbes and removes the requirement for homogenisation processes as the milk fats and creams do not separate in permanently structured milk. Also, the milk stores (under refrigeration) in a fresh form for 2-3 times longer than pasteurised milk, albeit it will eventually convert to curds and whey, yet retain its food integrity (no evidence of decay).

One of the major features of the Phión structured or syntropy water is the increase in oxygen, evidenced by the sustained negative charge (eg. electrons of oxygen). The image below illustrates the pathogenic kill time for E.Coli as a function of increased oxygen.



While it appears that the negative (-) charge in the Phión MEA water has an immediate and fast kill action on E. coli, there is also evidence that the increased oxygen in water (measured with an ORP meter as high + values or reduced oxygen reduction/loss potential) is also part of this significant killing effect on E. coli.

This syntropy feature of the Phión restructured water enables a wide range of innovations in water management, and the production of food fluids that will sustain a vital state or not decay (lose energy or food value over time).

Phión syntropy water has demonstrated a synergistic relationship with beneficial microbial species in food production

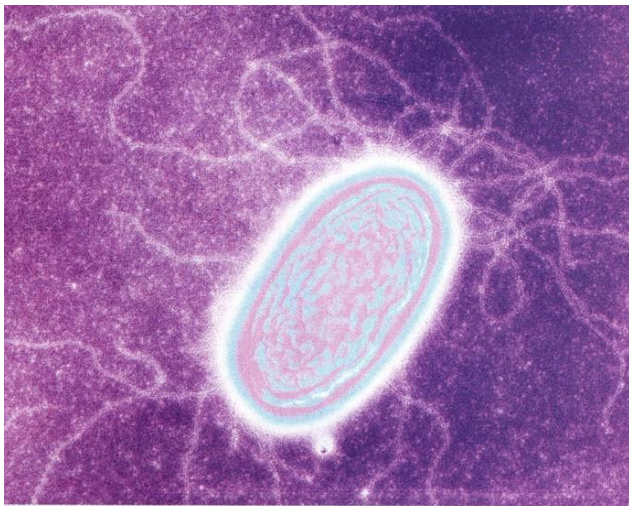
Syntropic food production involves utilising the laws of nature, and applying soil recovery techniques through biological (microbial) balancing, restoration of lateral flows of structured water, planting methods, etc. These principles and techniques enable the integration of food

production with the natural regeneration of ecosystems, by restoring, enhancing and sustaining the natural energy flows of ecosystems. This includes the natural relationship between microbes and structured water to achieve life-affirming syntropy within the soil system.

It is this natural ecosystem that produces its own organic matter through boosting microbial diversity and abundance, activation of root activity and facilitating a higher rate of photosynthesis and nutrient flow to plants, which leads to more carbon being sequestered through increased energy exchanges or flows.

Phión has undertaken more than 300 tests and trials of structured water applications to food production. Many of these trials included the use of Phión soil microbial formulations (soil probiotics) that were fermented in Phión structured, syntropy water.

Microbes have a unique association with subtle energies to sustain life. Early single celled microbes would have used light and water energies to sustain life, and this capacity became the basis of all life. All plants, animals and humans sustain life through the electrical wiring of microbes in our digestive system, blood, etc. For example, the microbes use the subtle energies of negatively charged water and photons of light in blood to sustain the vortex within blood to spiral around the 100,000 km of blood delivering arteries, veins and capillaries of the human body. Your heart is not a pump. The combination of heart rhythm and its internal structure create the vortex that spirals blood around the body.



The *electronic wiring* of biology can access and utilise energy from light photons and the negative charge in structured or syntropy water. Life's clever. It figures out how to suck electrons out of everything we eat and drink. Life is a flow of electrons.

Image from *New Scientist*, 13 August 2011

Bacterial 'wires' an electronic dream

The images on the next page (page 12) are of food grown with structured, syntropy water and Phión microbial formulations. In all cases, the food reaches its fullest potential in terms of growth size and flavours. Nutrient uptake (measured with a BRUX meter) by the plants can be 2-4-fold compared to untreated plants. It could be concluded that biology (microbes) and water formed a syntropy, mutual and harmonic relationship at the beginning. Consequently, all other life forms (plants, animals and humans) have symbiotic relationship with water and microbes.



Similar results were achieved in trials in China (see images below)



The above images illustrate the differences in Chilli grown with and without structured water and Phión microbial formulations. The plants grown with structured water and microbial formulations are on the right of the middle and right images. The Chilli's grown with the structured, syntropy water, showed larger root systems and therefore greater capacity for colonisation by microbes and the uptake of nutrients. Also, the fruit from the syntropy water were longer and the chili flavours were far more intense. Overall, the Chilli production (measured by weight) was 5 times greater compared with the control plot of unstructured water, and with no microbial formulation.

Trial have also included tests in broad acre farming on barley in Central NSW, Australia and on a crop of medicinal cannabis in the Oregon, USA. In both cases the plants showed increased

performance where the structured water and biological formulations were used together. See images below.



The image on the left is a comparison of a barley plant root grown with structured, syntropy water and a microbial formulation (on the left of the image), and a barley plant (on the right of the image) from a neighbour's property, and grown without structured water and the microbial formulation. Plants grown with the syntropy water and the microbes have root systems 3-4 times in volume, and hold considerable more carbon, water and abundance of microbes. The image on the right is a medicinal cannabis plant grown with structured water only, however compared with plants grown without this syntropy water the stems are thicker due to a considerably greater uptake of silica, and plant growth to maturity was much faster.

Examples of entropy and syntropy forces in living organisms

Entropy is a universal *force* which causes organised forms to gradually disintegrate into lower and lower levels of organisation, as in a machine running down and wearing out. The concept of **syntropy** postulates the existence of the opposite force, a *force which causes living things to reach higher and higher levels of organisation, order and dynamic harmony* (Vargiu, 1977).

Syntropy in living organisms can be innate (genetic propensity), and propagated through life-affirming energies, eg. nutrition, sunlight, etc. The complementarity of syntropy and entropy, as diverging and the converging forces, is represented in the Chinese symbol of Taijitu (see image on the next page 14). The interplay of these two basic, intertwining and complementary forces would cause each aspect of reality to vibrate between peaks of syntropy and peaks of entropy depending on environmental factors that can be either life-affirming or stressful.



In many respects, life is a dance between entropy and syntropy. There is a tension between the energies or driving forces of decay (chaos) and the forces of higher organisation (order). Syntropy is a creative process towards dynamic harmony of renewal. On the other hand, entropy is the master in situations of disharmony or dis-ease. The rate of aging, in time and space, is the difference between the forces of entropy and syntropy.

The Tao is the sustaining life-force and the mother of all things, from it, all things rise and fall without cease

Lao Tzu, Tao Te Ching

Water is the essence of all living entities. Cells comprise about 80% water and in the human body, 99% of all molecules are water molecules. The rate of aging and life extension (renewal) of a cell is highly dependent on the state of water in cells: whether the water is decaying in charge (polarity) towards a positive (+) voltage or sustaining a syntropy state in a high negative (-) voltage.

A classic example of syntropy in living entities is the salamander that has an innate ability to regenerate complex structures after injury, including entire limbs. In this situation, the limb regeneration depends on the formation of a blastema, from which the new appendage develops. Similarly, a male deer and moose can turnover (discard and regrow) antlers every year. Clearly, in the case of these animals there is a *cellular memory* that can be activated by the immune system, and possibly other body systems (eg. hormone and nervous).

Humans are known, in some cases, to regrow a spleen, tonsil, adenoids and appendix after they have been surgically removed. Also, young children have regrown the end of a finger after an accident. Again, there must be a cellular memory capacity and a body system response, in the presence of a higher syntropy force (ie. life force energy).

The growth of a species from a sperm and an egg is a classic form of syntropy, whereby organs and systems are formed and moderated by the environmental forces of the womb, and most likely by external energies or forces. In the case of humans, the forces of entropy and syntropy are interwoven from day one in the womb. However, any physical transformation (ie. organ and system development) involves the transformation of energy (ie. the energy in food and negatively charged water)

Research is now showing that the first 1,000 days of a baby's life, the time spanning roughly between conception and one's second birthday, is a unique period of opportunity when the foundations of optimum health, growth, and neurodevelopment across the lifespan are established. Yet too frequently the child is affected by the adverse effects of risky nutrition in the form of unbalanced diets or diets primarily of processed and fast food that are

contaminated with potential toxins. Each of these conditions can be considered *malnutrition* in the true sense of the word's roots (bad nutrition) and each has been shown to potentially affect all organs and systems during development as a child. Exposure to poor nutrition, toxins and emotional stress start on day-one in the womb and progress through to breast feeding and early eating habits. This research is now showing that children are overly exposed to entropy forces (factors that cause cellular decay or chaos) and this will increase the propensity for early onset of disease, like diabetes, obesity, autoimmune and cardiovascular diseases. It is now predicted that children born in the 21st Century, are more likely to have shorter life expectancy compared with their forebears.

In most humans, the major phase of syntropy reaches a peak at the end of puberty (ie. 14 years of age) and then the forces of entropy (aging) increase and compete with the forces of syntropy. All cells in the human body are renewed at different rates. For example, the brain cells are renewed about every 12 months, while liver cells renew about every six weeks. The capacity of cell renewal and anti-aging is highly linked to the health of the body cells, and particularly the immune system. In turn, the immune system is high dependent on diet and lifestyle factors for about 95% of the syntropy forces and only 5% for gene expression.

Clearly, the syntropy of drinking water and the syntropy of water in the cells of food are critical factors in sustaining a high immune system response for cell function and renewal. It is the negative (-) charge in these waters that is the key to good health and longevity. Cell memory requires a plentiful supply of both oxygen (negatively charged electrons) and negatively charged water in the cell to achieve maximum potential for renewal.

Therefore, the Phión water device technology and its capacity to produce syntropy drinking water and grow food with a high syntropy expression are critical forces in sustaining good cellular health and longevity.

By way of contrast, the growth of **chemical farming and processed food** since the 1950's has had a significant impact on cell health and therefore life quality. The other entropy forces acting in parallel against human health are:

- The introduction of **synthetic chemicals into foods** as preservatives, emulsifiers, taste enhancers, etc.
- The introduction of **toxic chemicals into drinking water** as fluoridation and chlorination, combined with chemical run-off from farming lands
- The escalating **propensity of people to consume both pharmaceutical drugs (including vaccinations) and recreational drugs**, whereby both have severe side effects that reduce or subdue the body's natural syntropy forces
- The **lack of contact that humans have with the syntropy forces of the natural environment**, including sunlight energy
- The **lack of availability and growing of fresh, organic food as a staple diet.**

These above-mentioned factors are causing significant cellular toxicity, along with increasing life stresses that lead to entropy or cellular decay; and this is the pathway to disease.

Unfortunately, the medical system (ie. the General Practitioner: GP) is not equipped with the knowledge to advise on **solutions that are syntropy based**, such as, good food choices, nutrition, water quality, life-style choices, etc. A GP can only, and legally prescribe a synthetic drug, and this form of **solution is entropy based** due to the side effects and toxicity of drugs to cells. Most people do not assess the risk of taking pharmaceutical drugs mainly due to their total trust in the doctor and poor health and wellbeing education throughout life. For example, most people have no idea about the serious effects of dehydration, radiation, and the constant use of processed or fast food.

It is for these reasons that a new approach to health is required to enable all people to have access to negatively charged, structured, syntropy water for drinking, food production and food preparation. **Syntropy drinking water and syntropy water in fresh organic food, contains the storage phenomena of forces that drives life to its fullest potential.** Ready public access to syntropy water is the main way to arrest the rapid decline of human health towards chaos. Any improvement in the global status of human health will reverse the inevitable economic and social chaos, particularly in the developed world.

The key question arising from the factors that differentiates the **Phión Syntropy water** device results from other commercial technologies is the fact that the **Phión Syntropy Water permanently retains its negative charge.** The only explanation for this difference is that the **Syntropy Water devices create another time and space dimension to the six-sided crystalline structure in the water, that creates a permanent bond between the water molecules, and this prevents the exposure of the bonding to disorganisation,** ie. prevents entropy, including oxidation.

You are your cell water