



Drink water comparable to mountain water!





Comparative table of different water types

	Comparative table Water types	Chlorine	Pollutants	Minerals	Salt	Limescale treatment	Plastic	Structure	Energy
	Filtered & dynamized water								
	Bottled water								
	Tap water								
	Softened water								
	Osmosis water								





The benefits of filtered & dynamized water

Water with a **pure, soft and round taste** for the whole family



Water :

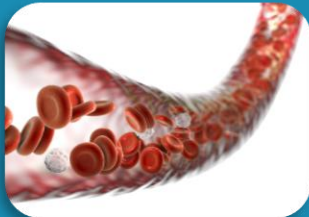
- **More Energy**



- **Antioxidant**



- **More oxygenated blood**



Water comparable to mountain water from every tap in the house: for drinking, baths, and showers

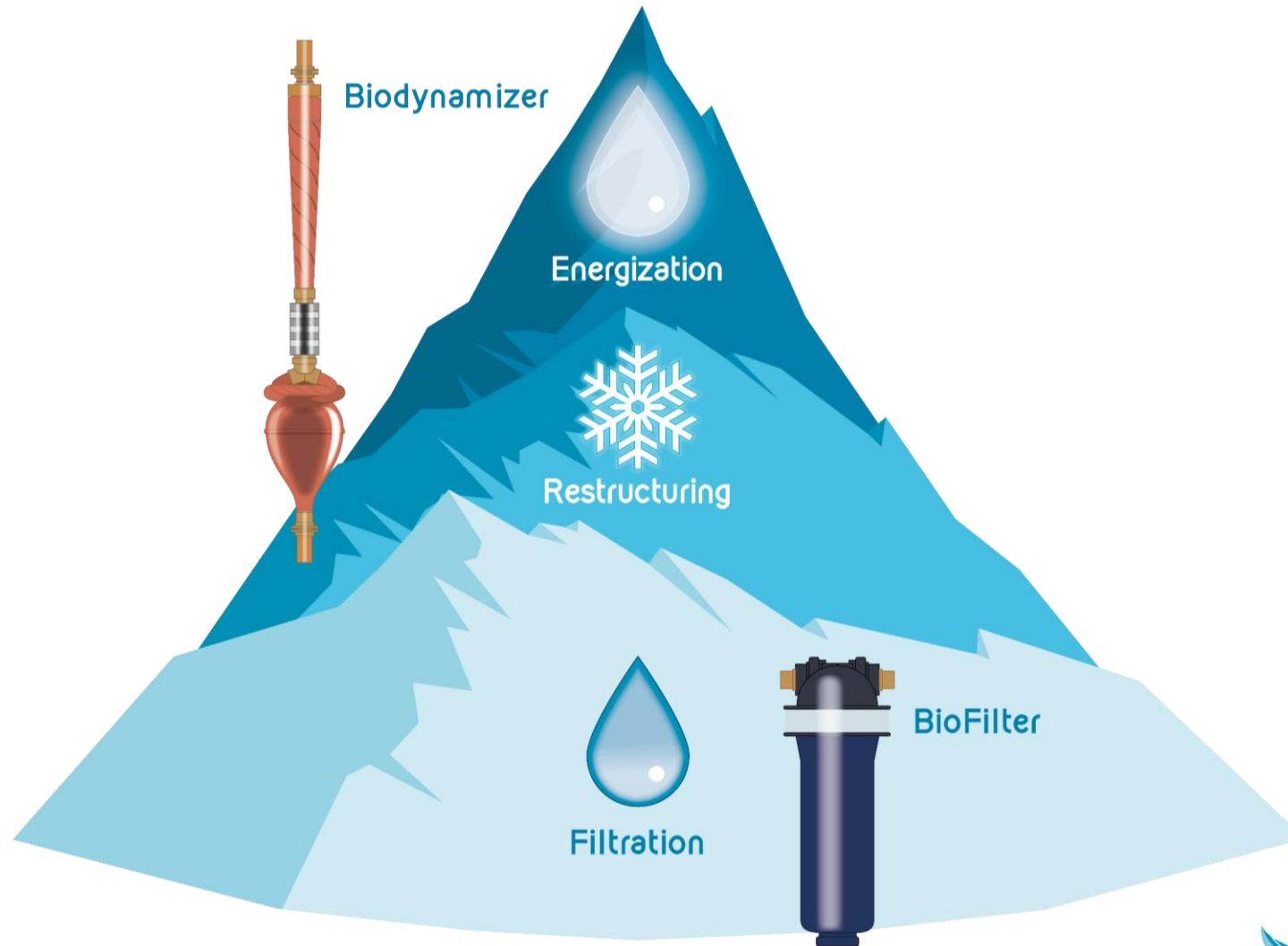


An ecological solution, no more need for plastic bottles or water softener





The Biofilter + Biodynamizer is the top of water treatment because it transforms tap water into water comparable to mountain water!





Filter: The Biofilter



Biofilter : the principle = Active carbon filtration

- **Exclusive Bio Pro filtration cartridge (pale blue tip)!**
- **Filtration by adsorption** : activated carbon, mixed with a fibrous material in which there is ionized silver. This combination will remove most of the pollutants that would still be present in city water (i.e. *chlorine, bad tastes and odours, pipe corrosion, bacteria, organic pesticides, heavy metals...*) while **preserving minerals** (what a reverse osmosis unit does not do!).
- **Inorganic minerals** are also essential for our **health**, in particular because they contain **trace elements** (which are fully metabolized), and magnesium and calcium, which represent approximately **3% of the recommended magnesium intake and 24% of the recommended calcium intake for an individual** (depending on the mineral content of the water and the age of the people concerned). These minerals have a beneficial role in particular for hypertension, cardiovascular accidents, cancers, fatigue, diabetes, coronary insufficiencies, osteoporosis...
- Inorganic minerals, including **limestone (80% of minerals)**, are therefore not retained by the filter like a softener would do, but it will be **restructured** by the Biodynamizer in order to render them **harmless** (it will transform the crystalline structure of calcite in aragonite, a white pulverized powder which does not become encrusted and is easily evacuated).





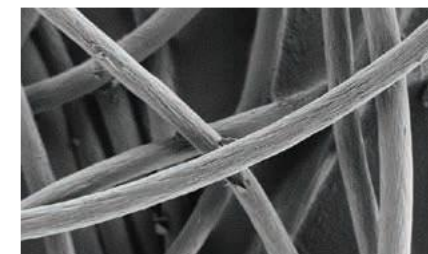
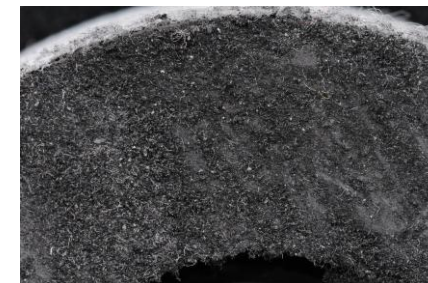
Technical characteristics of the Biofilter

- **Connection after the cold water meter (max 38°C)**
- **Filtration capacity: 150m3 (150,000 L)** and max 1 year, i.e. good performance for 1 family, in 1 house, for 1 year
- **Flow rate:** 1.5 m3/hour (or 25 L/min)
- **Max pressure:** 6.5 bars
- **Housing:** Polypropylene reinforced with glass Fiber (PP GF 10)
- **Legal guarantee (2 years)**
- **Connections:** 3/4 inch
- **Dimensions:**
 - Height: 606 mm x Diameter: 225 mm
 - Weight: Housing: 3.4 Kg + Bio Pro Cartridge: 3.5 Kg = 6.9 kg
- **Sanitary Compliance Certificate awarded by the Carso laboratory: n° 21 ACC LY 990**
- **Material conformity certifications according to European regulations:**
(EC) 1935/2004 & (EC) 1907/2006 (REACH) & (EC) 2023/2006 & (EC) 10/2011



Biofilter : High performance triple filtration Technology

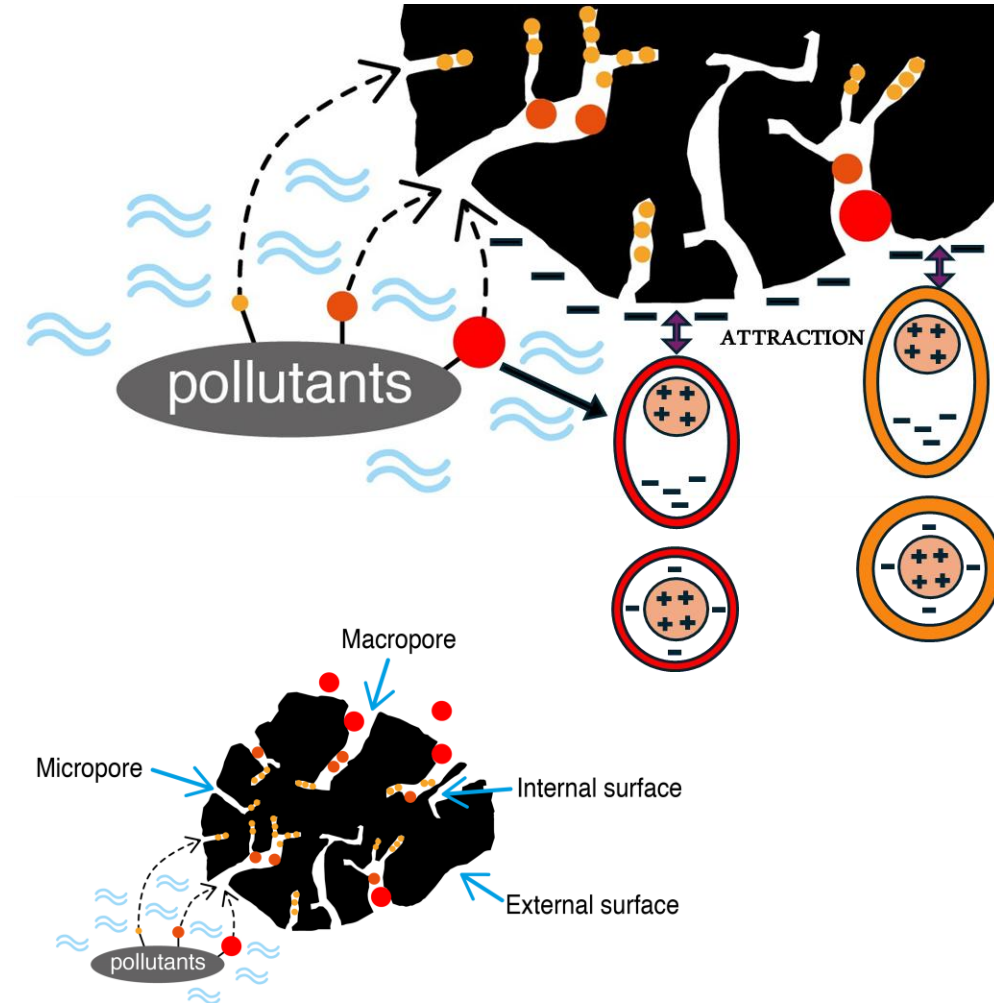
- **PreFiltration 1: Pre-filtration: *Spunbond*** (polypropylene tissue whose filaments are thermally welded) **mixed with a fiber**. Sediment filter which retains particles of iron, sand, mud, neutralizes the development of germs, bacteria etc ... and protects the activated carbon block
- **Filtration 2:** the **Carbon Fiber Block** (patent no. 2282494) is composed of **activated carbon in sintered granules** (compressed at high temperature which allows a **porosity of 20 μm**) **mixed with Aqualen fiber**. Activated carbon is obtained after calcination of **coconut shells** (increases the number of micropores) by injection of pressurized hot water vapor (activation of the carbon by different temperature levels of 900°C-1,000°C for several hours; activated carbon is regenerated by **oxidation**. Chemical filtration of chlorine, nitrates, nitrites, organic pesticides and herbicides, tastes and odors
 - **physically retains pollutants ($\mu\text{g/L}$) in its porous structure** up to diameters of **5 μm microns** (physical filtration of heavy metals: lead, aluminum, bacteria, arsenic and parasites) ; (patent n° 2429067)
- **Filtration 3: Aqualen fiber** (patents n° 20704036 & US n° 6514413) ; fiber with a fiber diameter of **10 μm** , mixed with activated carbon. This fiber resembles the roots of a tree which bind the granules of activated carbon into a dense structure. Its function is threefold, it:
 - allows for **good distribution of water over the entire surface of the activated carbon** (this avoids preferential water channels) which **increases its adsorption surface**
 - incorporates in its structure **ionized silver** which is **bactericidal** (neutralizes microorganisms, antibiotics, drugs etc...), the silver is therefore not mixed with the activated carbon but retained in the microfiber ; (patent n° 2172720)



Activated carbon filtration principle = adsorption surface

Activated carbon functions like a selective molecular magnet through adsorption:

- Non-polar or weakly polarized, **pollutants** insoluble in water—such as heavy metals, organic pesticides, chlorine, PFAS, pharmaceutical residues, and hormones—“**adhere**” to the neutral (non-polar, electrically uncharged) walls of the activated carbon's **micropores**. This occurs thanks to chemical and physical attractive forces known as **Van der Waals forces** (weak attractive forces). Consequently, the activated carbon acts as a “*magnet*” for these pollutants.
- Polar **minerals** (calcium, magnesium, sodium)—which carry an electrical charge (positive or negative), are water-soluble—simply “**slide**” over the neutral surface of the activated carbon.
- The activated carbon “**traps**” only the pollutants within its **porous structure** (both external and internal). This structure consists of **micropores**—millions of tiny, empty, microscopic cavities—ranging from 2 nm to 50 nm in diameter. The more micropores present, the more empty space there is to bind pollutants and the larger the contact surface area becomes, allowing pollutants to accumulate in multiple layers (a single gram of activated carbon can thus have a surface area of 1,000 to 3,000 m²!).
Minerals are not retained because their size is **10 to 100 times smaller** than the diameter of the micropores (0.1 to 0.4 nm), allowing them to pass through completely.

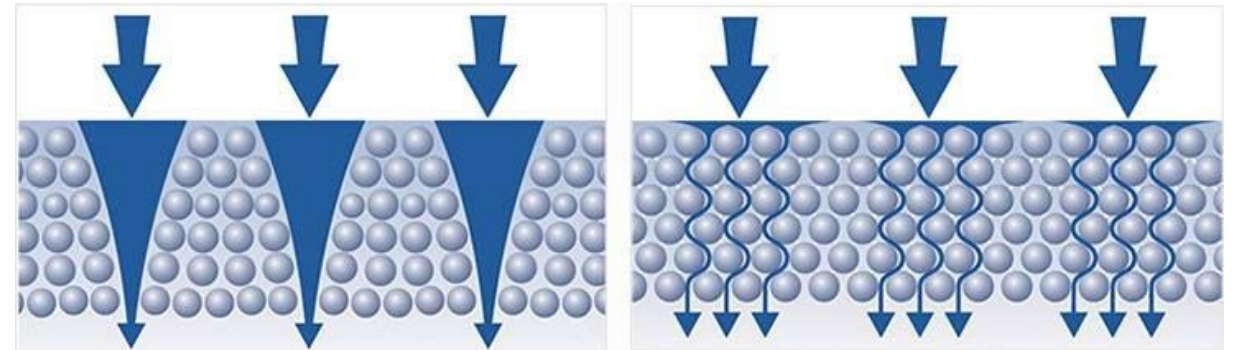


Activated carbon filtration principle = adsorption surface

The activated carbon from coconuts in the Biofilter, mixed with the hollow fiber, provide an **adsorption surface equivalent to 1,000 football fields !!!** ($3,000 \text{ m}^2/\text{g}$ of activated carbon $\times$ 3 Kg)



Better distribution of water over the entire adsorption surface of the Biofilter, which allows an adsorption surface 33 times larger than that of conventional filters (and therefore better efficiency)!



Classical filters

Biofilter



What about PFAS filtration?

The Biofilter retains PFAS:

- **Activated carbon** is considered the **best media for filtering PFAS (> 80% efficiency)** due to the specific properties of activated carbon: electrostatic & hydrophobic interactions and then adsorption (retention/capture) in its porous surface of PFAS (depending on the size of its micropores) . The adsorption surface of the Biofilter is 3,000 m²/g of activated carbon x 3 kg, i.e. an **adsorption surface 33 times larger** than that of standard filters, so it will be even more effective in filtering PFAS!
- **Several international scientific analyzes confirm the superior effectiveness of activated carbon in retaining PFAS in water**
- The European Drinking Water Directive
- sets the limit for PFAS in water at 100 nanograms per liter (ng/l) for the sum of the concentrations of 20 PFAS and **500 ng/L for all PFAS.**



Analysis of the filtration efficiency of the Biofilter, December 2022



Belgian tap water situation

- In December 2022, Dynamized Technologies therefore had a Belgian independent accredited laboratory (Euraceta - Eurofins) **research of 310 pollutants** (heavy metals, pesticides, drugs, plasticizers, phthalates, chlorine etc.) in **legally drinkable tap water in Belgium**, i.e. significantly more than the number of parameters on which city water distribution companies provide information! This analysis confirms that **tap water nevertheless contains several tens of residual pollutants whose concentration rates are higher than the legal limits !** (according to the European Directive 2020/2184 on the Water Intended for Human Consumption) **or exceed the accepted precautionary thresholds (maximum health values)** due to the sanitary caution that makes us consider pesticide metabolites as relevant. These pollutants have therefore not been filtered by the city water treatment plants! This is worrying given that some of them are endocrine disruptors that may eventually cause (through chronic consumption) **a sanitary risk.**



Results of the Belgian tap water after treatment

20 Pollutants in µg/L	% of filtration of the Biofilter & Biodynamizer < (until) > (beyond)
Desethyl-atrazine (herbicide)	> 93%
2,6-Dichlorobenzamide (fungicide & herbicide)	> 93%
Atrazine-desethyl-deisopropyl (herbicide)	> 93%
Chlorthalonil M 12 (foliar fungicide)	> 93%
Dimethachlor CGA 369873 (herbicide)	> 93%
Metolachlor ethanesulfonic acid (herbicide)	> 93%
Chloridazone-desphenyl (herbicide)	> 93%
Chloridazone-methyl-desphenyl (herbicide)	> 93%
Metazachlore ethanesulfonic acid (herbicide)	> 93%
Metolachlor NOA 413173 (herbicide)	> 93%
Chloroform	90%
Aphtiria (parasiticide)	90%
Nickel (heavy metal)	> 84 %
Lead (heavy metal)	83%
PFAS (eternal pollutants)	> 80%
Copper (heavy metal)	80%
Aluminium (heavy metal)	79%
Iron (heavy metal)	76%
Perchlorates (chlorination residues)	> 55%
Chloroform (drug)	51%



Dynamize:



Biodynamizer®

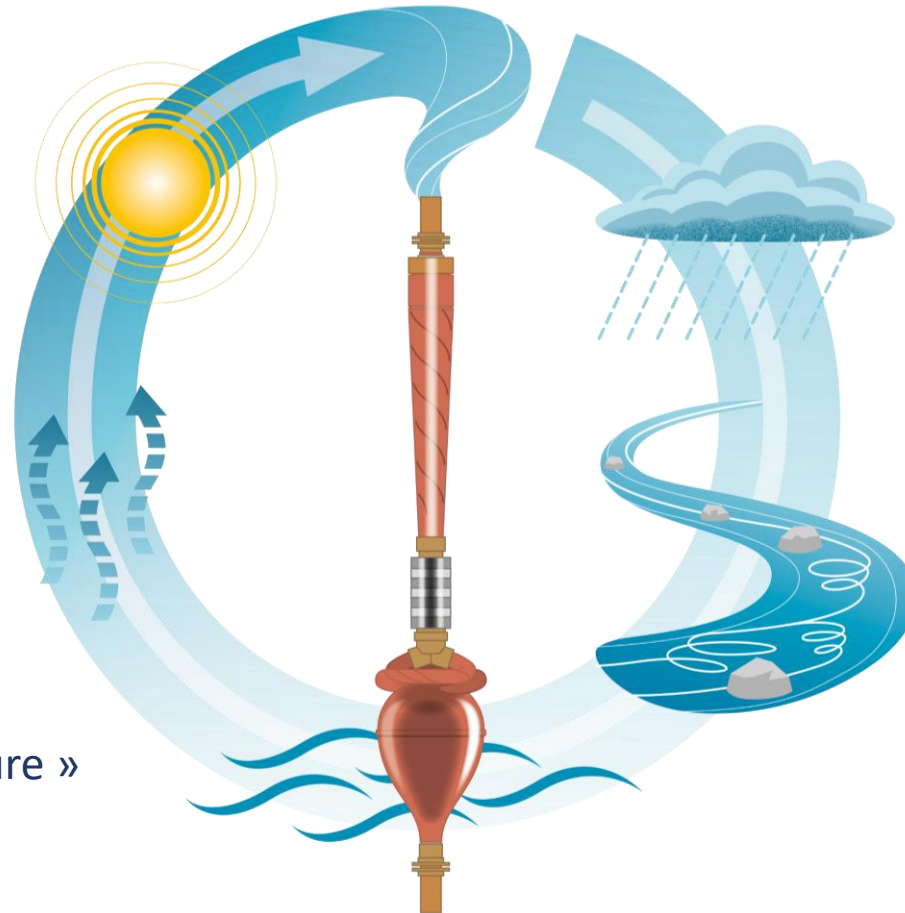




The Biodynamizer, Biomimicry : to use the intelligence of nature rather than artificial intelligence

WATER CYCLE

1 month in nature =
1 second in the Biodynamizer



« Observe, understand and copy la Nature »

Viktor Schauburger



Biodynamizer®
Enjoy the natural movement of life



The 3 basis principles of water dynamization

① THE NATURAL VORTICES :

the natural movement of water in nature is the **vortex** (vertical and longitudinal vortices) which dissipates energy in water



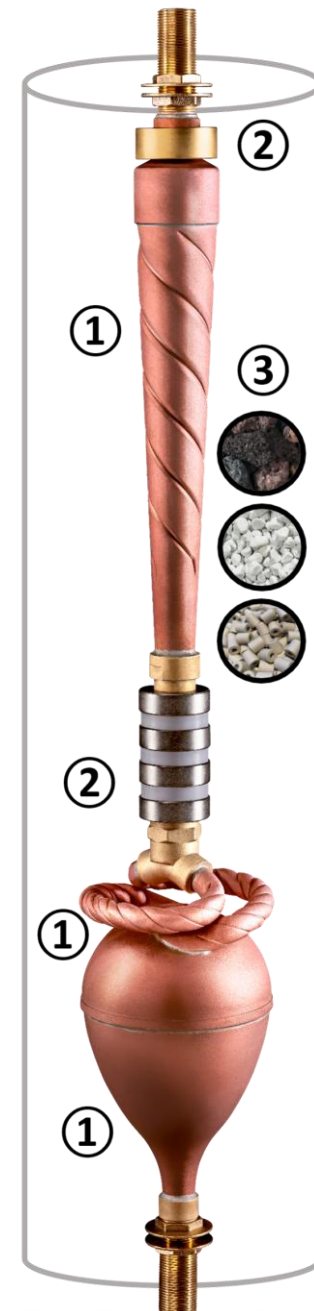
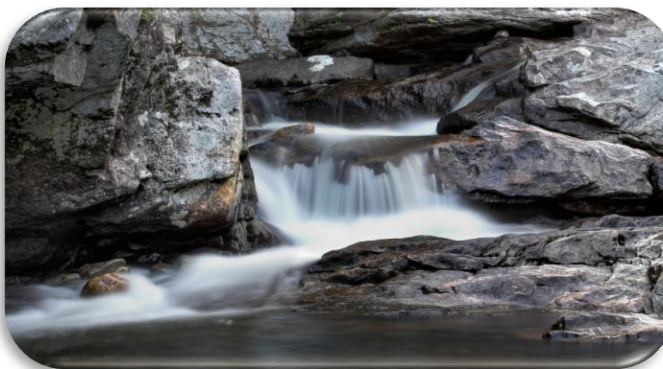
② THE MAGNETISM :

The Sun and the Earth emit energy in electromagnetic form which is communicated to water and its minerals

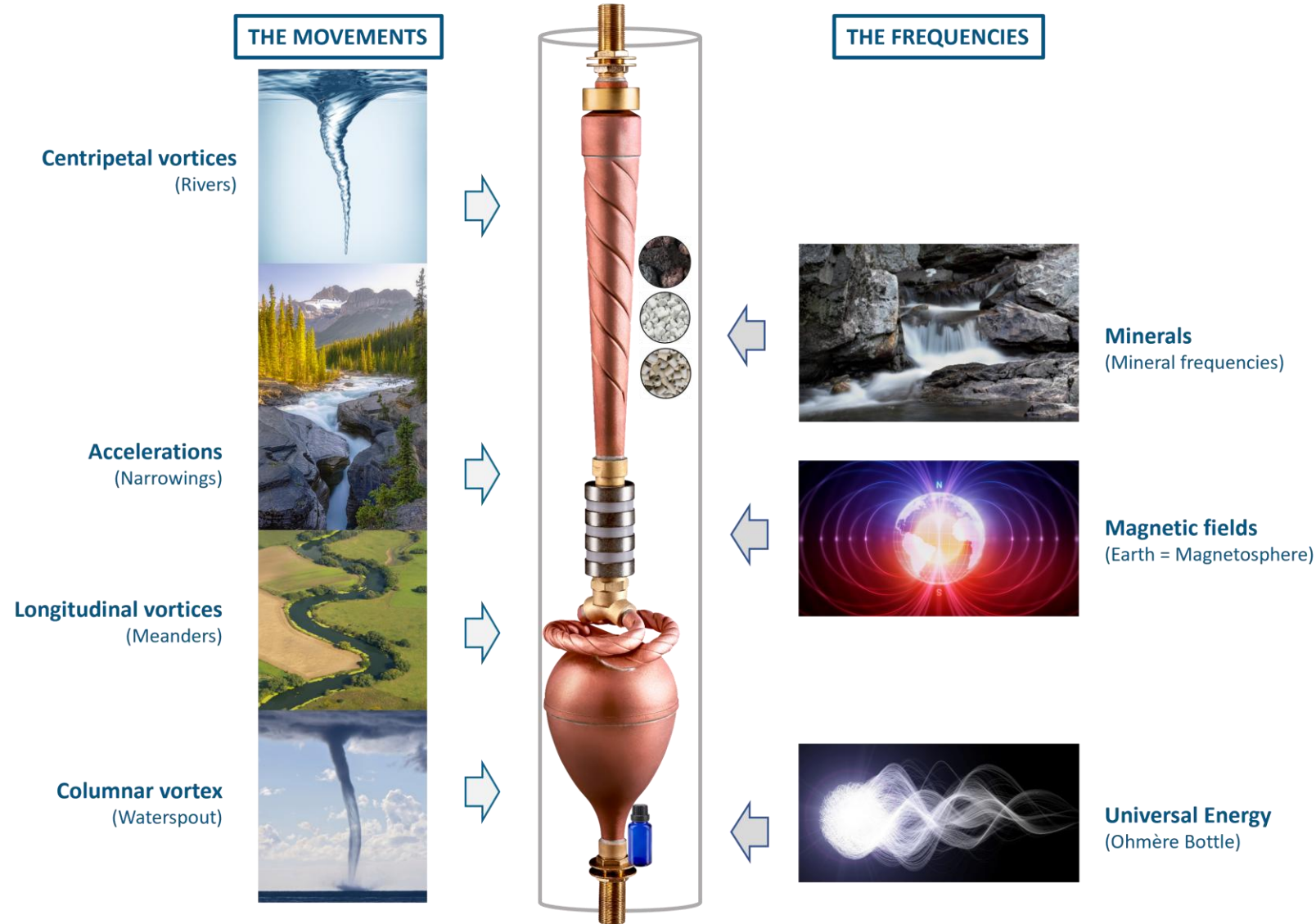


③ NATURAL MINERAL FREQUENCIES :

Water captures the energies of **minerals**



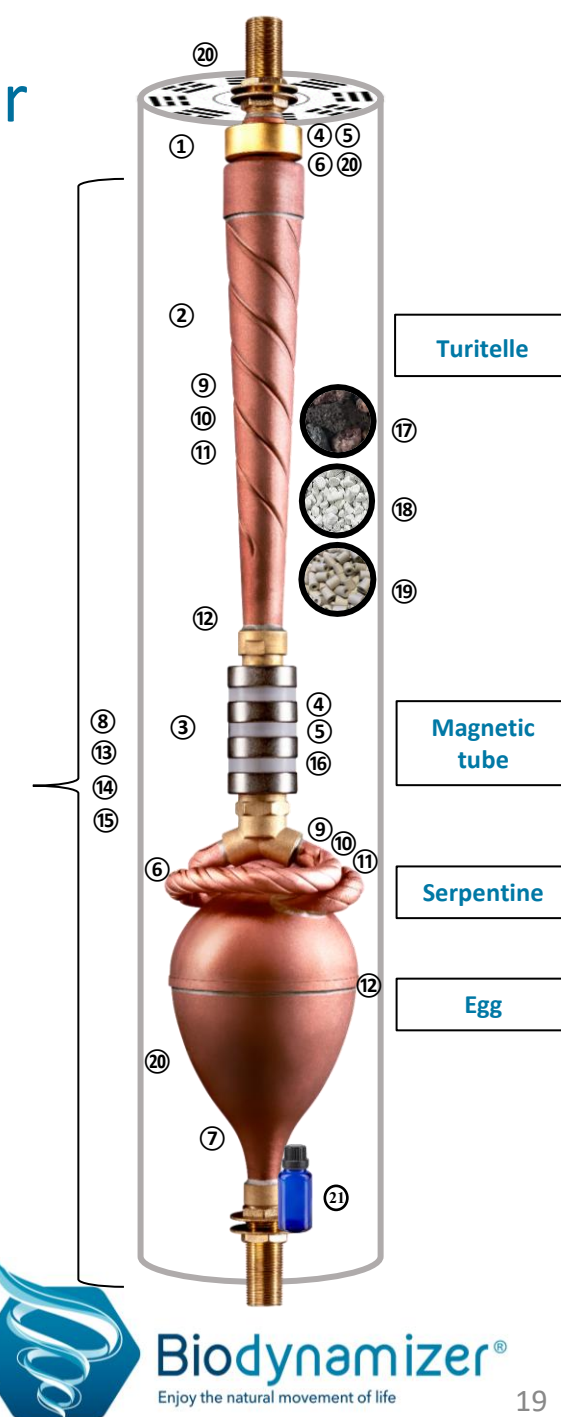
Biomimicry: inspired by nature to regain the nature of water





The 21 dynamization principles applied in the Biodynamizer

- ① • **1 Ring-shaped gold-plated permanent magnet** with specific orientation of magnetic fields. This magnet restructures water by polarizing water molecules which are dipoles. This magnet transmits magnetic energy to the water (in the form of magnetic waves)
- ② • **Turitelle: Centripetal funnel** with triple **levorotatory** (anti-clockwise) and **vertical vortices** that accelerate the water and transmit kinetic energy to it, i.e. implosion energy. This funnel reproduces the vortices of the rivers generated by the Coriolis forces
- ③ • **Magnetic tube** whose flow of swirling water is exposed to **4 nickel-plated permanent magnets** with magnetic fields of specific orientation in order to treat limestone by conjunction of the venturi effect (accelerations of water) and magnetic fields. These magnets transmit magnetic energy to the water (in the form of magnetic waves) which is amplified thanks to the vortexing movements of the water which reach their peak at this point.
- ④ • The magnets have different **volumes** (different amounts of matter which influence magnetization gradients) and different **axes** of magnetization
- ⑤ • The magnets are made of an **alloy of natural rare earths (neodymium)** which generate greater magnetic intensity
- ⑥ • **2 serpentes** which accelerate the water by **double horizontal** (radial/longitudinal) and **dextroroyal** (clockwise) vortices, reproducing the meanders of rivers in which longitudinal vortices are generated by the stones present in their beds
- ⑦ • **Egg** ending in a **hyperbolic funnel** in which a **columnar vortex** with dextrorotatory orientation and constant diameter is generated. It's a cylinder of air and vaporized water that flows in free flow without friction with the walls (extremely rapid rotation around its axis producing thousands of vortices, ultimate kinetic energy, in the center of a mass of water which surrounds it at its periphery and whose it causes rotation in the same direction but much more slowly). The hydrodynamics of the columnar vortex allows for increased transfer and uptake of dissolved oxygen in rotating water. This vortex replicates a waterspout (which is a column of air mixed with water)
- ⑧ • The vortices are generated **mechanically**, by the pressure of city water = +/- 3 bars (without electricity which generates electromagnetic pollution)
- ⑨ • The vortices have **levorotatory** (anti-clockwise in the funnel) and **dextrorotatory** (clockwise in the coils and egg) rotations
- ⑩ • The vortices have **vertical** (in the funnel and egg) and **horizontal** (in the serpentine) rotations
- ⑪ • Vortices have **centripetal** (funnel) & **constant** (serpentine & egg) **circular** rotations
- ⑫ • The shapes of the Biodynamizer alternate moments of **high and low pressure** (during the accelerations-decelerations of the water generated by the shapes of expansions-contractions of its different parts). Hydrodynamic cavitation phenomenon observed a.o. in the columnar vortex
- ⑬ • The aquifer part in contact with water is composed of **materials compliant with water intended for human consumption** (WIHC) which are **bactericidal**:
 - **copper** = bactericide
 - **brass** (copper + zinc) = bactericide
 - **silver** = bactericide (for all brazing of the 10 metal parts of the Biodynamizer)
- ⑭ • The **amplitude** of the dimensions of the Biodynamizer (H= 802 mm) & its very **smooth internal surface state** (copper) produce a high speed & kinetic energy (venturi effect)
- ⑮ • All **interior shapes have rounded corners** to allow a very fluid flow of water as in nature
- ⑯ • **Interactions between mechanical vortices & magnetic fields** which amplifies magnetic energy
- ⑰ • Transmissions of natural frequencies of dynamization:
 - Transmissions of natural mineral frequencies which are not in contact with water:
 - **Volcanic Lava Stones**,
 - **Carrara marble** pebbles,
 - **Ceramic informed** by effective micro-organisms (EM's, EMRO certified) which transmits infrared frequencies (low frequencies) to the water
 - Transmission of **universal energy frequencies** :
 - **Shape waves** emitted by the proportions respecting the golden ratio Phi (1-1.618) found in:
 - ✓ The **8 trigrams** embossed in the 2 lids,
 - ✓ The dimensions of the **pentagonal Egg** and its hyperbolic funnel which respect the proportions of the golden ratio,
 - ✓ The slope of the 2 outlet pipes of the "Y" shape that respects the **golden angle** ($137.5^\circ = 360^\circ - 360^\circ * 0.618$)
 - ✓ The **dimensions (diameters and height) of the ring magnets** which respect the proportions of the golden ratio (1-1.618)
 - The **blue Ohmère bottle** containing the **potential of universal energy** (sea water, native gold and double-terminated rock crystal)





Technical characteristics of the Biodynamizer

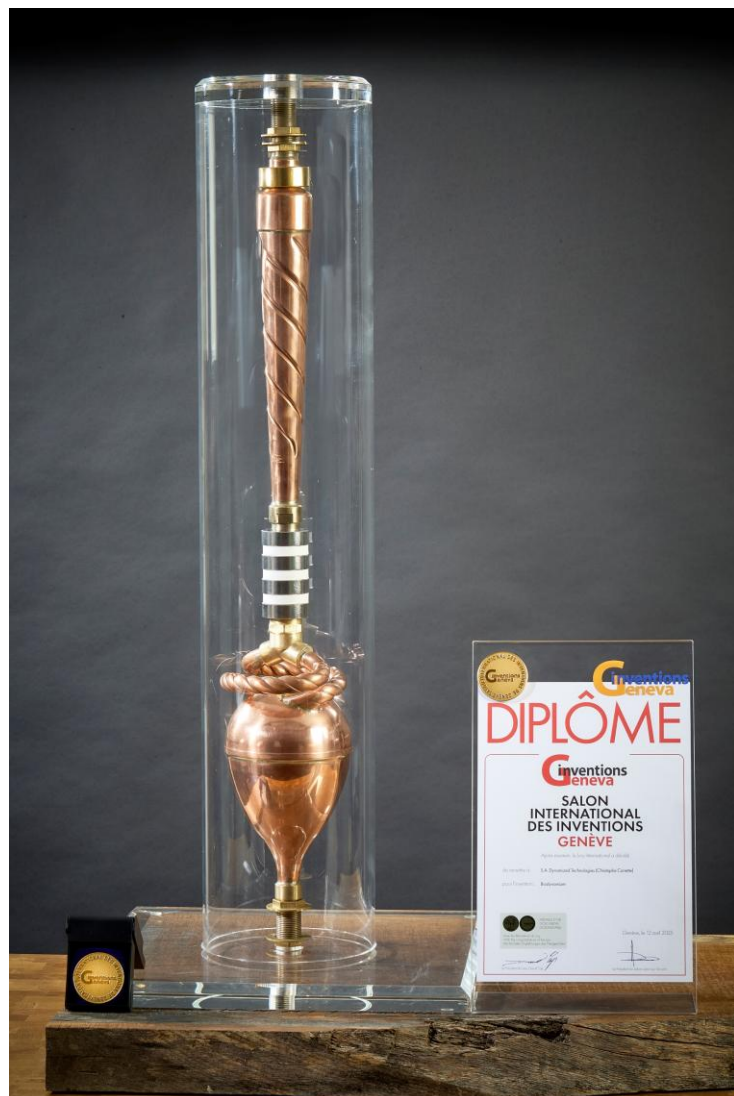
- **Mechanism:** mechanical vortices & magnetic fields & natural mineral frequency transmissions
- **Maintenance:** no maintenance, no consumables
- **Flow rate:** 3.6 m³ / hour (60 L / min) at 3 bars
- **Operating pressure:** min 3 bars - max 6 bars. The metallic aquifer part of the device is resistant to pressures up to 80 bars and complies with European Directive 97/23 / EC on pressure equipment
- **Certificate for Conformity of the metals in contact with water issued by Eurofins:** All materials in contact with water (copper & brass & silver) have sanitary compatibility in accordance with the French decree of 25.06.2020 relating to metallic materials and products intended for production, distribution and packaging installations which come into contact with water intended for human consumption.
- **Certificate of compliance in terms of the release of metals (copper, zinc, silver) into water intended for human consumption** after passing through the Biodynamizer issued by **Buildwise** (ISO 9001 certified) on 19.12.2022 which confirmed that the concentrations of metals (copper, zinc, silver in mg/l) in the water do not exceed the European legal standards (EU DIRECTIVE 2020/2184 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of December 16, 2020 relating to the quality of water intended for human consumption) and Belgian standards (Appendix XXXI, Part C indicator parameters, of Book II of the Environmental Code constituting the Water Code) in terms of concentrations after direct sampling and after residence time of 1 hour, 24 hours, 48 hours and 3 weeks in the Biodynamizer
- **Certified conform by Belgaqua according to standard EN1717** (protection in accordance with VIV0442023 - Conform, provided that a non-return valve is installed upstream of the Biodynamizer on the water pipe)
- **Tightness test certificate:** each Biodynamizer is tested at a pressure of 10 bars for 5 minutes under water to check its tightness
- **Warranty 5 years**
- **Fittings:** ¾ 'inch (outer Ø 26.4 mm, inner Ø 18 mm)
- **Dimensions:** length + fittings: 90 cm x outside Ø cylinder : 16 cm, weight: +/- 19 kg
- **Placement:** the device must be connected to the pipes via dielectric hoses (multiskin) after the meter of the city water distribution network delivering drinking water and this at more than 80 cm from an electrical source (arrival of the main electrical supply of the house, electrical panel, photovoltaic inverter, etc.)



Biodynamizer®
Enjoy the natural movement of life



Biodynamizer Gold Medal at the International Exhibition of Inventions in Geneva, Switzerland (12.04.2025)



Gold medal with jury congratulations in the exhibition class:
Beverages, Health, Paramedical, Food, Cosmetics, Hygiene





Biodynamizer ISTA Award at the International Exhibition of Inventions in Geneva, Switzerland (12.04.2025)



INTERNATIONAL STRATEGY & TECHNOLOGY ALLIANCE (ISTA) – HONG KONG

presented by Prof. Christopher CHAO, Vice President (Research and Innovation) of the Hong Kong Polytechnic University



Biodynamizer®
Enjoy the natural movement of life

Innovation Award at SIRHA, Lyon France (23.09.2021)

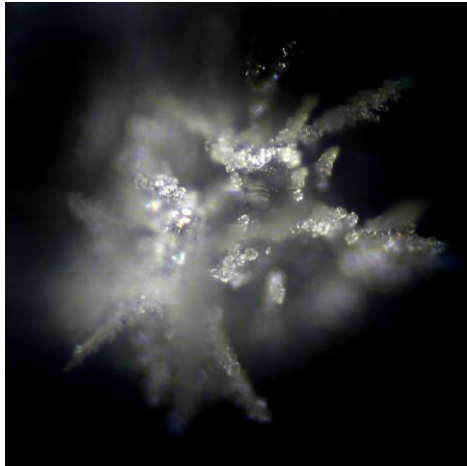


Some analyzes realized by
Dynamized Technologies
on dynamized water:

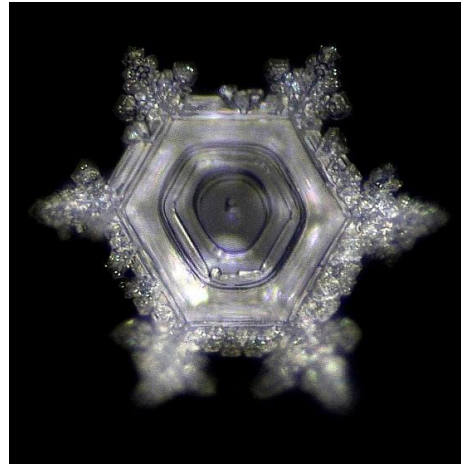
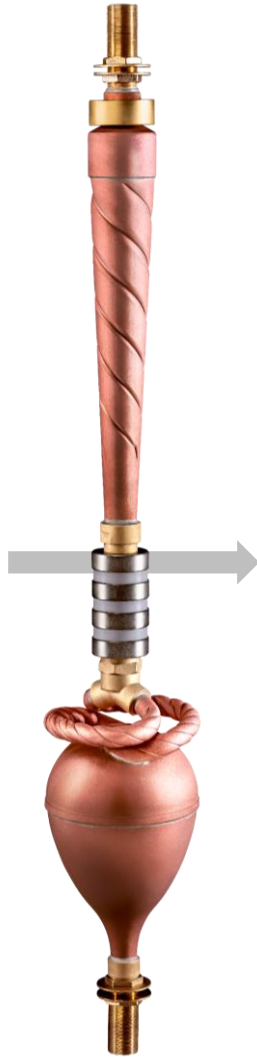


Water crystals from dynamized water

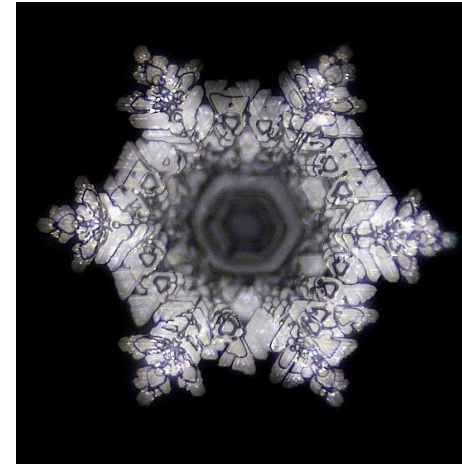
Analysis done on september 2016 & july 2019 / E. Braun



Tap water crystal



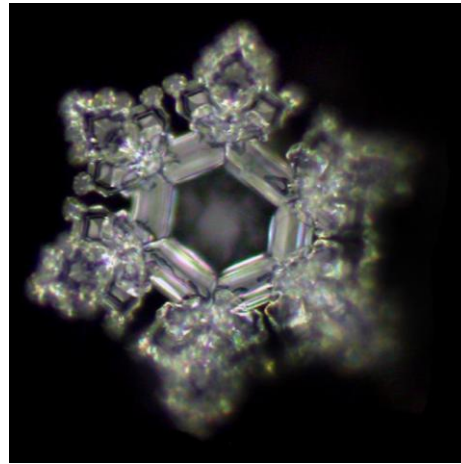
Dynamized tap water crystal
from France



Dynamized tap water crystal
from Belgium



Dynamized tap water crystal
from Switzerland



Mountain water crystal
from the Swiss Alps

Comparison of a tap water crystal > < **dynamized tap water crystals** coming from 3 different countries (France, Belgium & Switzerland) => **The hexagonal crystalline structure of dynamized water is equivalent to that of mountain water** (6 branches structured in a fractal way and whose superstructure is symmetrical, regular and redundant) !

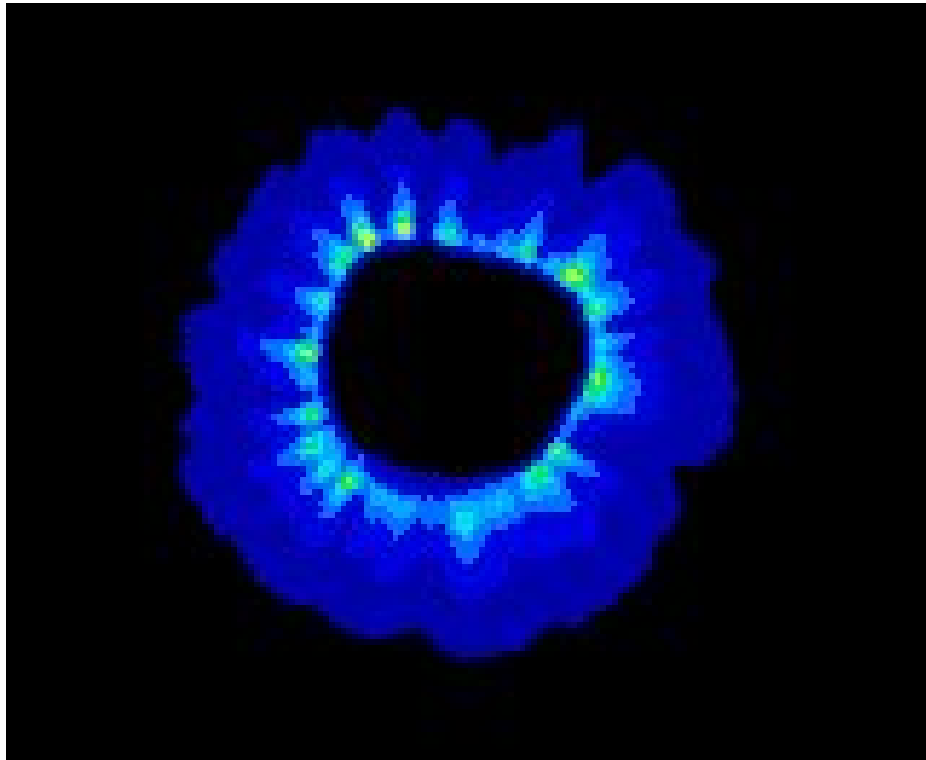


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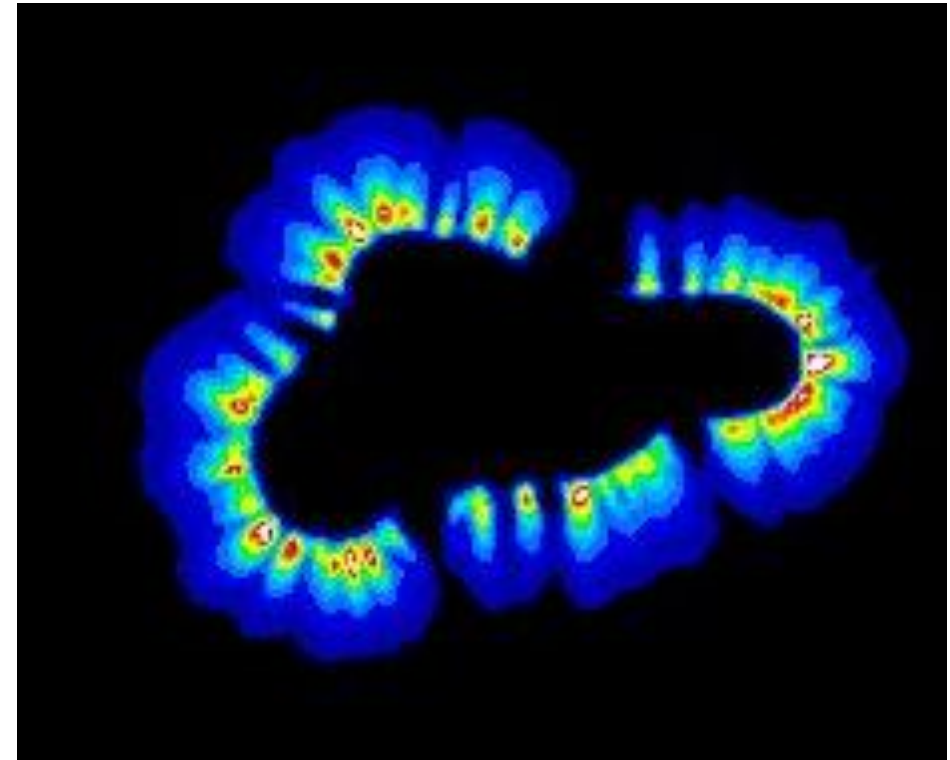
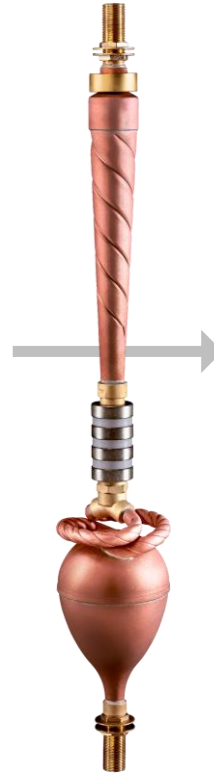


The electrophotonic camera: energy & surface tension

Electrophotonic analysis carried out by the Coramp laboratory (macroscopic imaging by corona effect) on 07/09/2019



Tap water: Spherical shape of the water drop &
Less intensity and light radiation



Dynamized water: Spread shape of the water drop &
More intensity and amplitude of light radiation

The electrophotonic camera photographs the **bioluminescences** (streamers) in water and observes for **dynamized water**:

- **Water containing more photonic energy, particularly in terms of intensity and amplitude of light radiation.**
- **A more spreaded form of the drop of water on the electrode indicating a lower surface tension of the water**

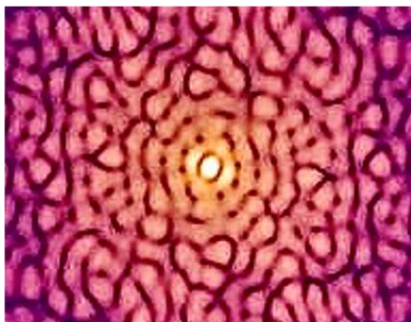
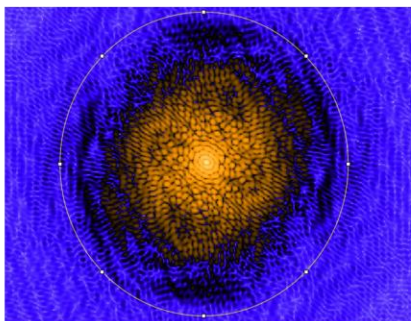
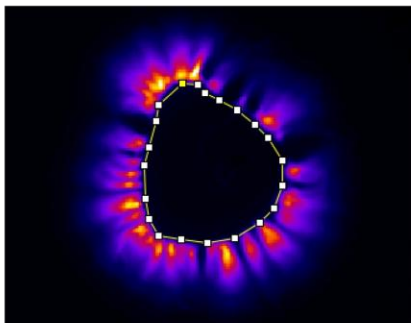




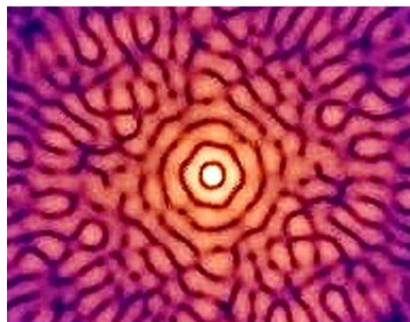
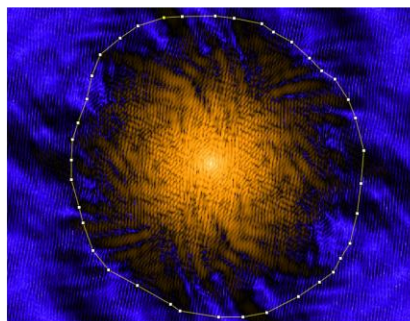
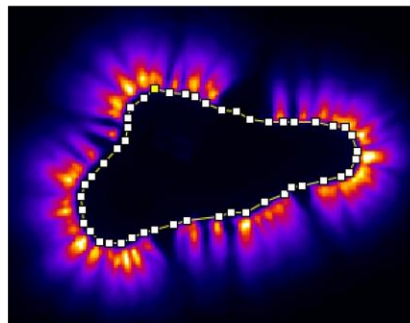
Electrophotonic Analysis and Expertise

Additional statistical analysis carried out by Dr. M. van Wassenhoven in March 2025 based on the post-mortem protocol of Prof. M. Henry and based on the electrophotonic photos from the Coramp laboratory taken in 2019 and assessed by Prof. M. Henry. The EPA method **scientifically validated** by a peer-reviewed publication on 14.10.2025

Drops of tap water



Drops of dynamized water



- ↗ energy (photons)
- ↘ surface tension

- ↗ intensity (available electrons) & radiation amplitude (HSP)
- ↗ low frequencies

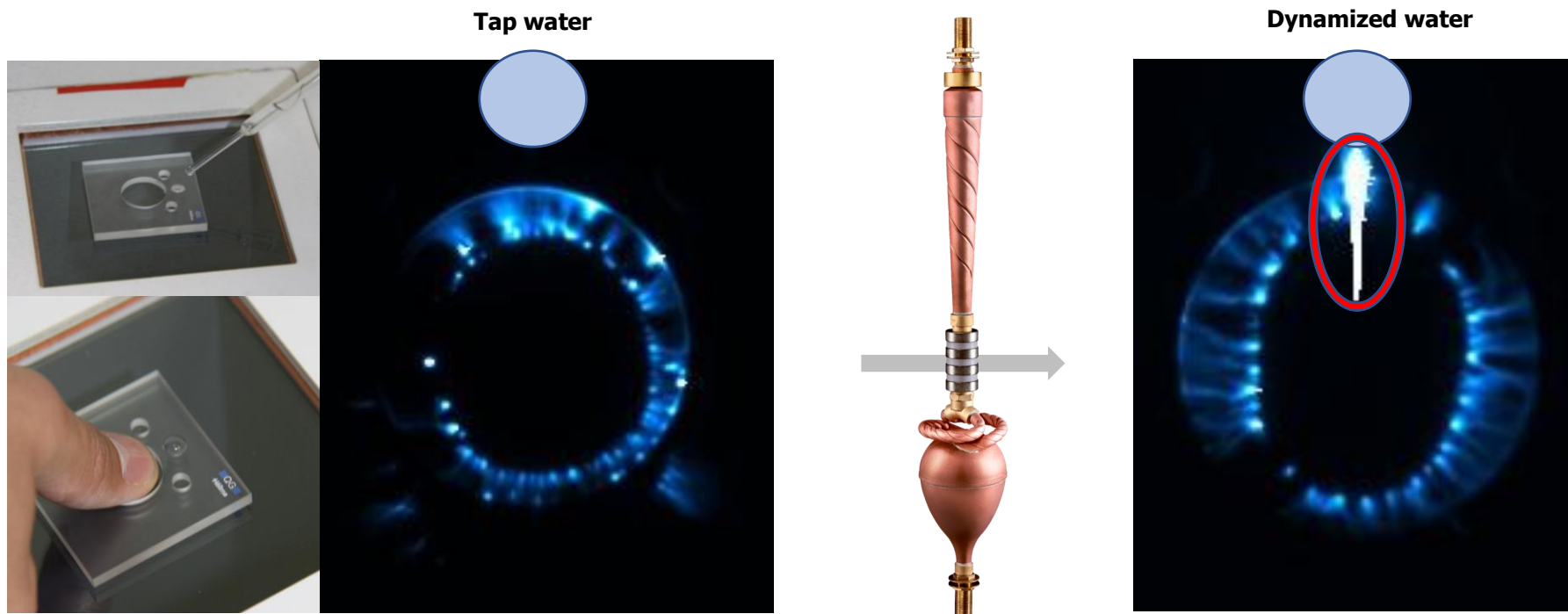
- ↗ structured & organized
- ↗ information & entropy (in 9 out of 11 photodiversity indices)

Scientific Imaging: Electrophotonic Photography TIFF & Frequency images (FFT)





The electrophotonic camera: Photonic bridges



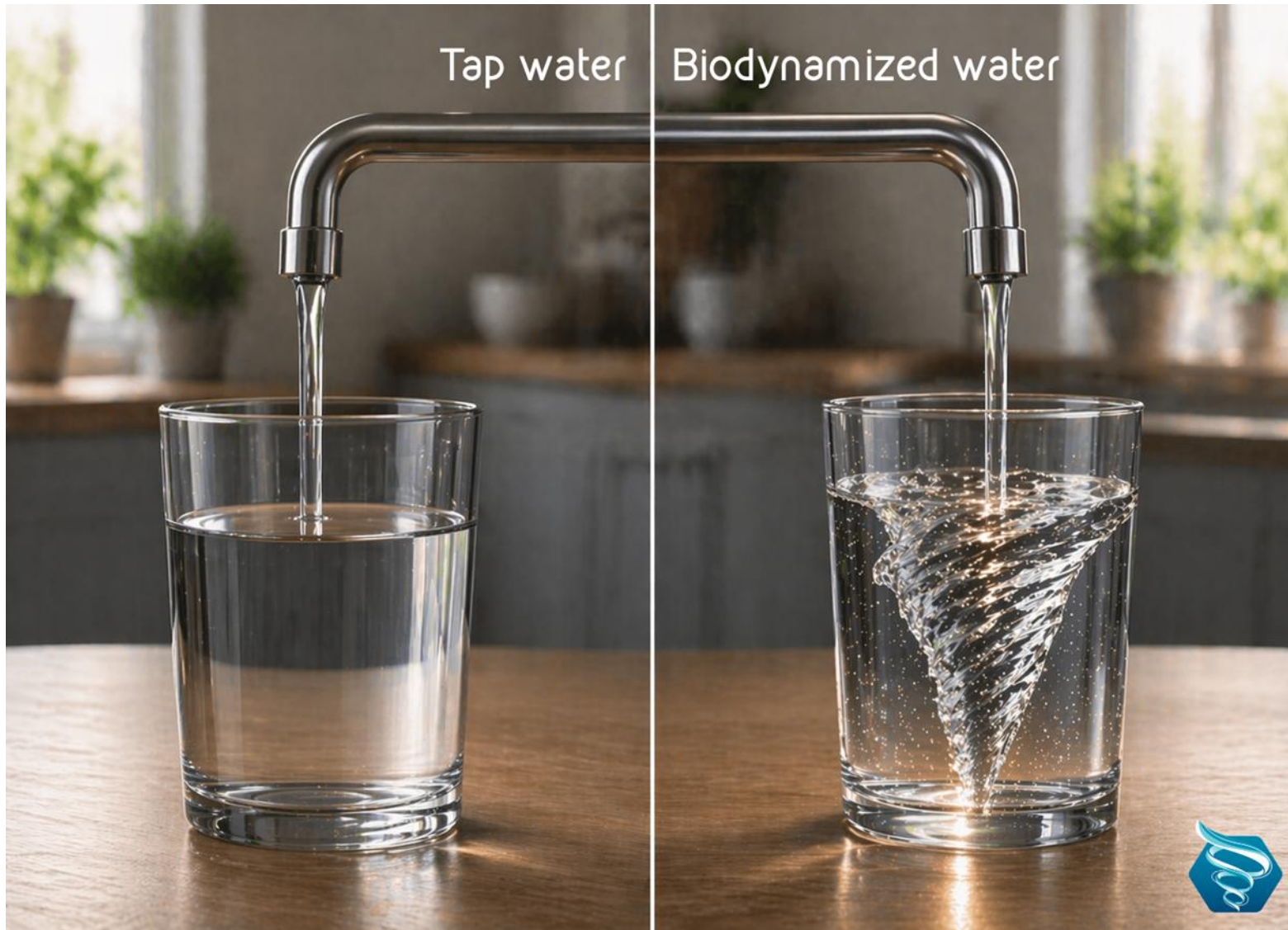
The electrophotonic camera observes a significant **increase in the energetic biocompatibility of dynamized water with regard to living organisms** (*"energetic affinity"* in terms of **occurrences and quantity of energy transmitted**). This is illustrated in the photo above by the "**photonic bridges**" between the water receptacle and the finger. The photonic bridges produced by dynamized water are :

- **Produced in 100% of the cases on 20 fingers** (which is not the case with tap water)
- **Significantly bigger and more intense** (even extending beyond the periphery of the finger as seen in the photo on the right above); phenomenon never observed before by the electrophotonic camera in 10 years of existence





The dynamization of water by the Biodynamizer brings light, and therefore energy, into the water and living organisms!

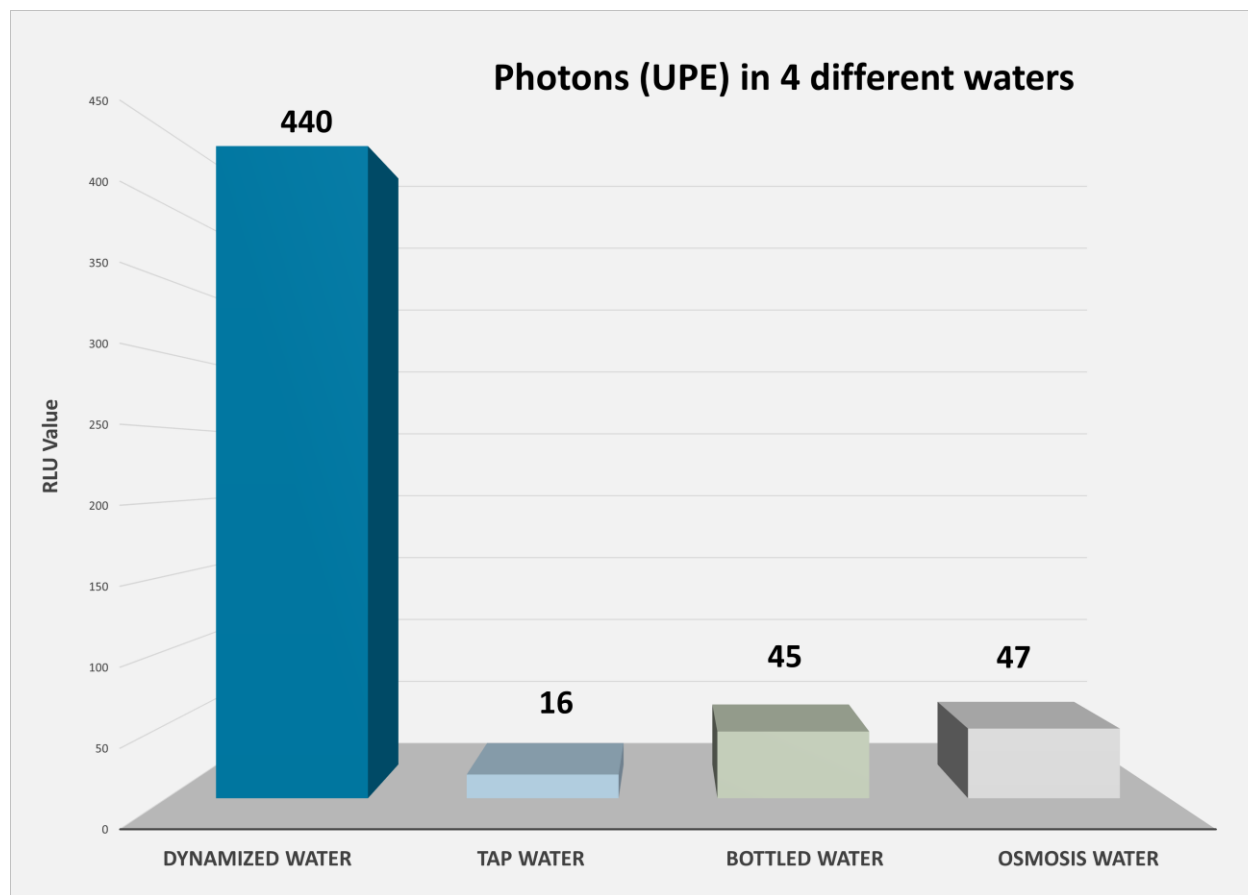




Results of the biophotonic analysis of Dynamized water >< 3 waters

Analyses carried out by the ENERLAB laboratory in Nice, France on November 4-5, 2025

1) Biophotonic measurements (visible light spectrum 380-630 nm) in 4 types of water (tap, bottled mineral, reverse osmosis, biodynamized treated tap water): dynamized tap water emits significantly more luminescence in the form of photons (440 RLU/second/cm2) than other measured waters (16 RLU for mains water, 45 RLU for bottled mineral water, 47 RLU for reverse osmosis water).



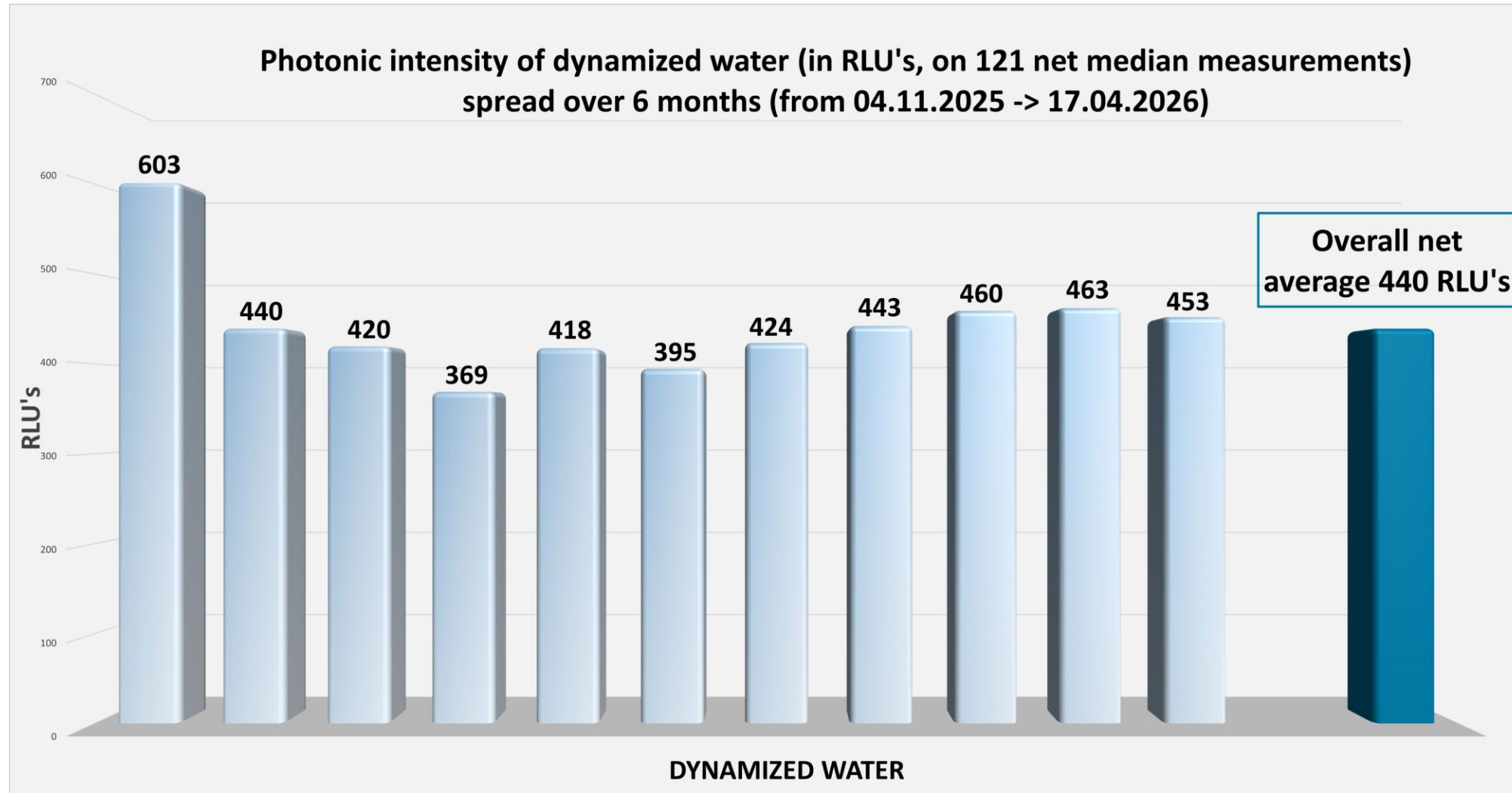
Results : Publication peer reviewed: “*Biophotonic evaluation of water treated by biodynamization comparison of ultra-low emission levels in the 380–630 nm and 435–500 nm bands on different types of water and on germinated seeds*” ;
Published on 26.11.2025:
<https://ojs.southfloridapublishing.com/ojs/index.php/jdev/article/view/5990>





Average RLU over 6 months in Dynamized water

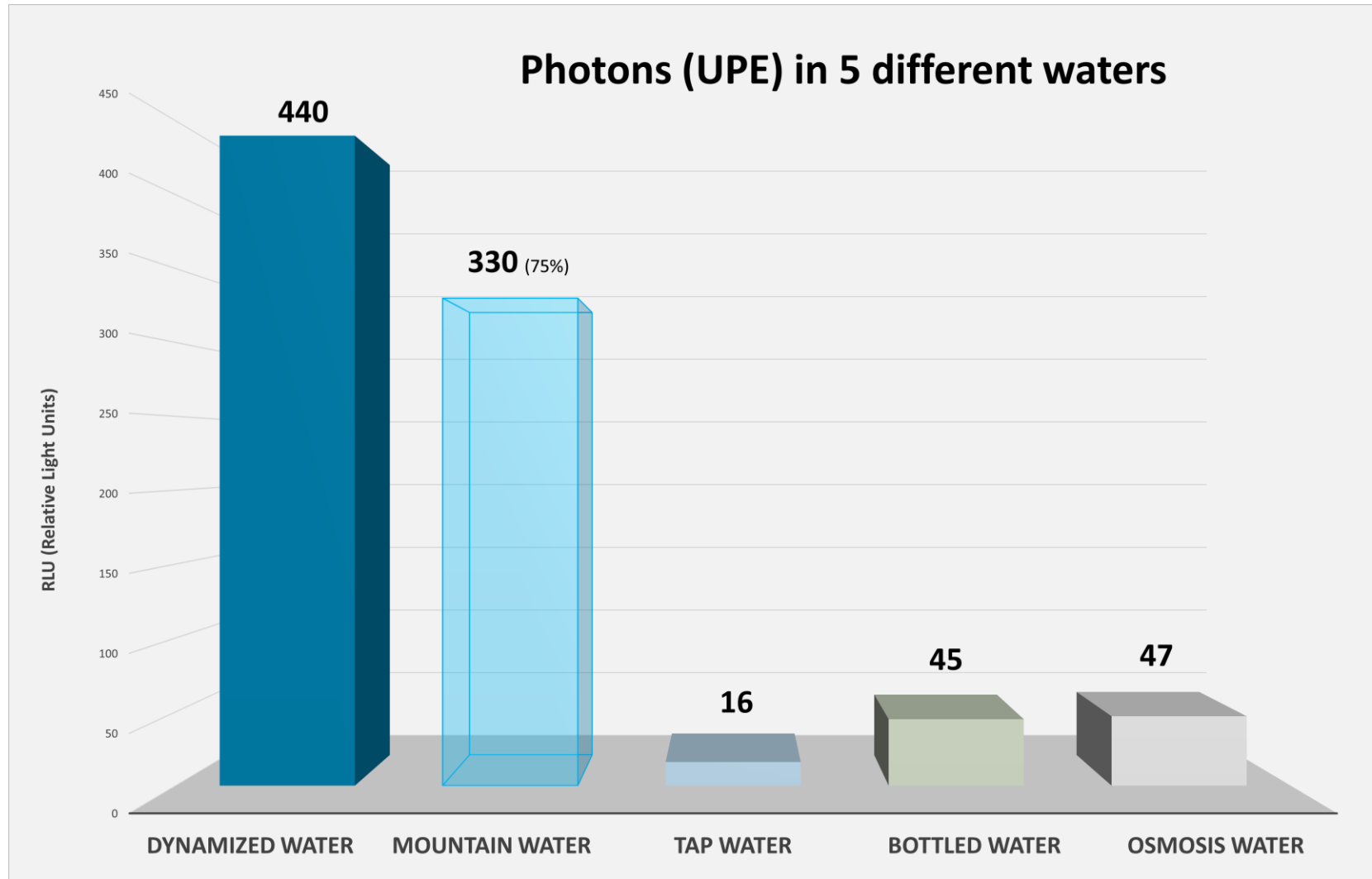
Analyses carried out by the ENERLAB laboratory in Nice, France from November 2025 to April 2026





Comparison of light energy in Dynamized water >< Mountain water, spectrum 200-1.000 nm

Analyses carried out by the ENERLAB laboratory in Nice, France from February 23 to 26, 2026



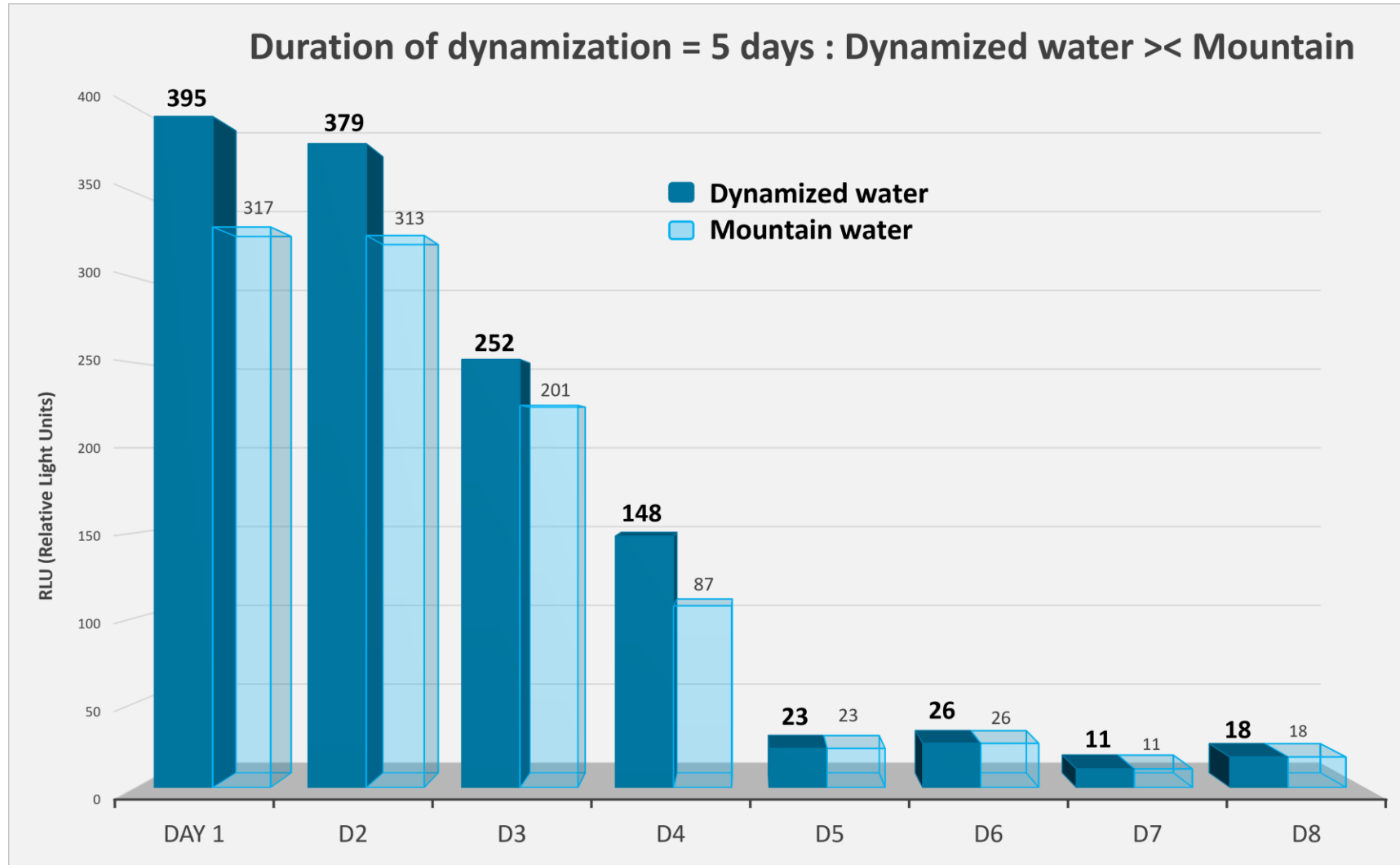
Dynamized water emits
25% more light than
mountain water





Evolution of light-energy in Dynamized & Mountain water (5 days)

Analyses carried out by the ENERLAB laboratory in Nice, France from February 11 to 15, 2026



The effect of dynamization, whether it occurs naturally like mountain water or through geomimicry like the Biodynamizer, is manifested for both waters for **5 days**. The water then returns to its permanent light level, which is +/- **16 RLU** for tap water.



Results of light decomposition in Dynamized water

Analyses carried out by the ENERLAB laboratory in Nice, France on December 1-2, 2025

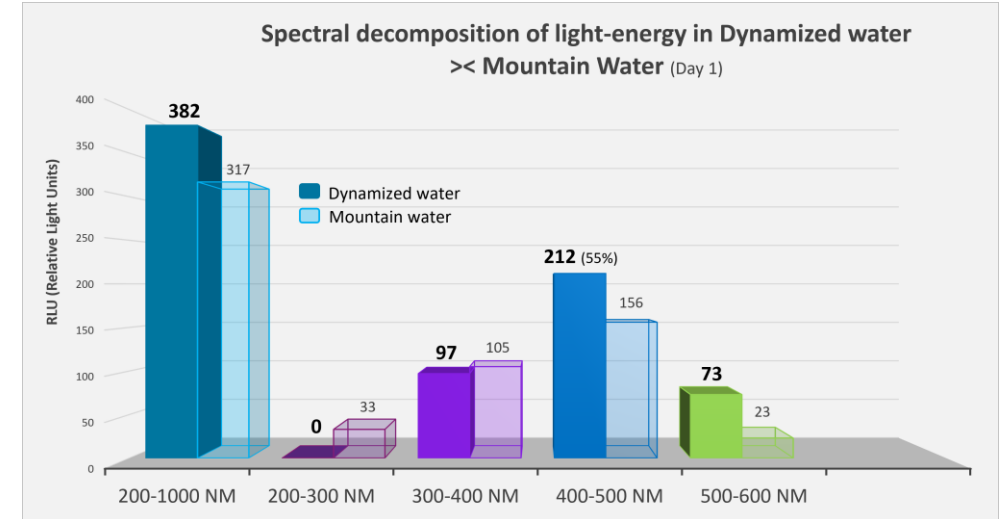
2) Breaking down the light present in dynamized water into different **wavelengths** provides a framework for understanding its **functional properties**. **Light is absorbed by chromophores**, enabling **cryptochromes** to trigger the activation of a whole series of **metabolic functions**.

Using **filters**, we identified the following **wavelengths** in dynamized water:

- 300–400 nm (**violet-blue**): 97 RLU (25%)
- 400–500 nm (**blue cyan**): 212 RLU (55%)
- 500–600 nm (**green-yellow-orange**): 73 RLU (20%)

By **absorbing these wavelengths**—primarily **blue** and **violet light**—**cryptochromes** activate the following **metabolic functions**:

1. **Regulation of cellular respiration rhythms** (biological clock),
2. **Regulation of mitochondrial dynamics** (cellular energy),
3. **Indirect rebalancing of human redox status and oxidative stress**,
4. **Cellular communication**.

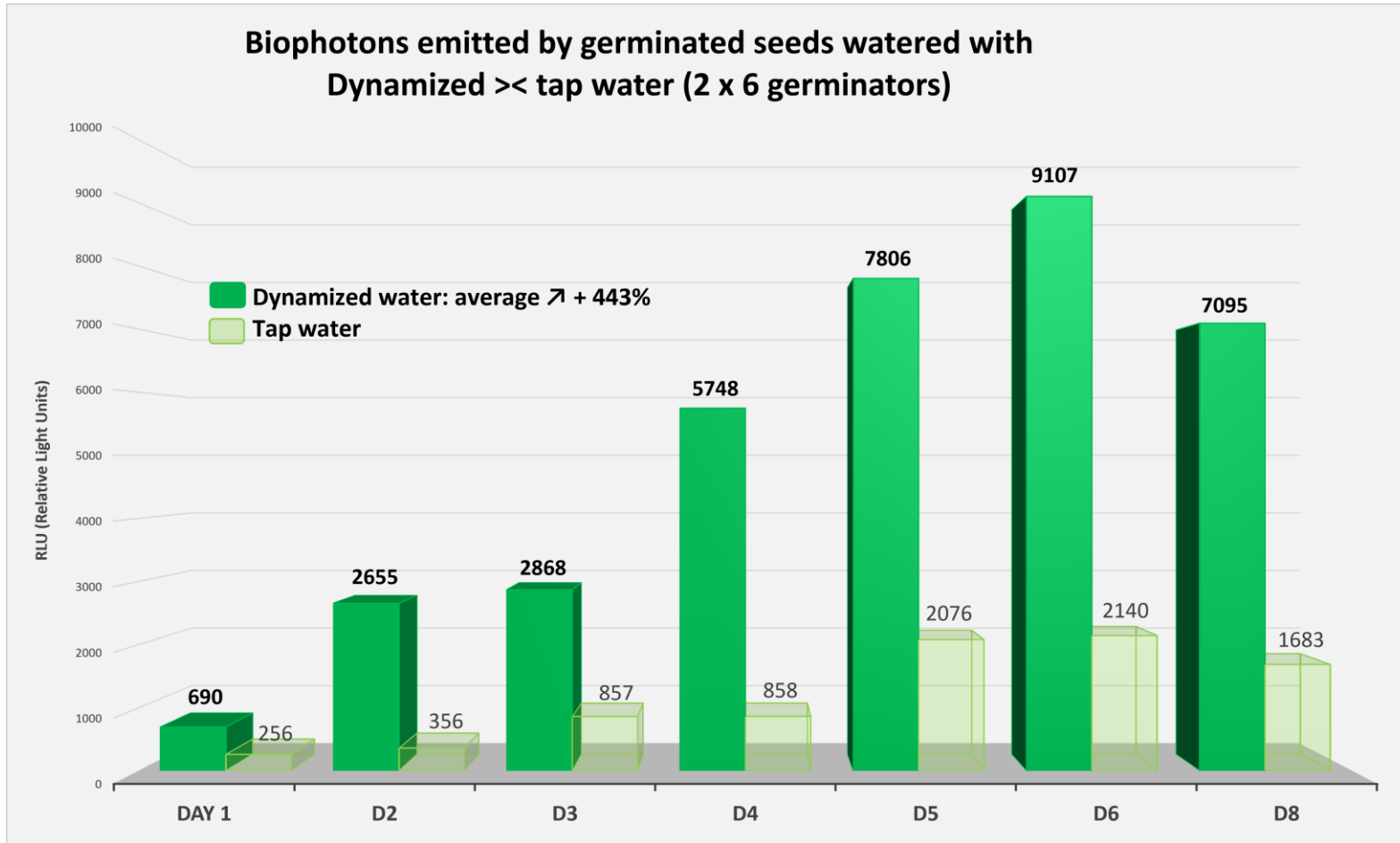




Biophotonic analysis of sprouted seeds watered with dynamized water >< tap water: 4 x more radiation!

Analyses realized by ENERLAB laboratory in Nice, France, june 2026

3) There is a correlation between the energy level (biophotons) observed in dynamized water and that observed in sprouted seeds: sprouted seeds watered with dynamized water emit **more than 4 times** as many biophotons (RLU measurements on 2 x 6 sprouters, 50 sprouted seeds) as those watered with tap water or other types of water (bottled, reverse osmosis). This demonstrates that the energetic quality of dynamized water is transferred to living organisms. This allows for a **higher level of functional vitality in the plant's biological processes**.





Biophotonic analysis of sprouted seeds watered with dynamized water >< tap water: 4 x more radiation!



*Sprouted seeds watered with **dynamized** tap water*

Sprouted seeds watered with dynamized tap water



Alfalfa sprouted seeds:
**Measure 50 sprouted seeds in 2 x
6 trays > 8 days of watering by
spraying with 50 ml & 100 ml of
water/tray/day**





Results of biophotonic + zeta potential analysis of blood

Analyses performed with a Berthold Lumat LB 9508 luminometer, equipped with a Hamamatsu Photonics R928 high-sensitivity photomultiplier (PMT), data processing controlled by ICE software (Instrument Control and Evaluation), spectrum 200-1,000 nm ; + Zetasizer Ultra (ZSU3305) provided by a CEA grid.5583.b certified laboratory, ISNI 0000 0001 2299 8025, protocol from a COFRAC accredited laboratory according to ISO/IEC 17025 ; instruments operated by the ENERLAB laboratory in Nice, France from February 23 to 26, 2026

- Individuals who drank 2 types of water (tap water – Biodynamized tap water) for 3 days until 1.5 hours < sampling > 1 hour: measurements
- Results:
 - ✓ The whole blood of individuals who drank Biodynamized water showed + **61% more bioluminescence** >< compared to blood after drinking “tap water”.
 - ✓ Interpretation of observed spectral bands:
 - ❑ ↘ **oxidative stress**
 - ❑ ↘ **redox potential**
 - ❑ ↗ **of antioxidant regulation**





Results of the biophotonic + zeta potential analysis of plasma

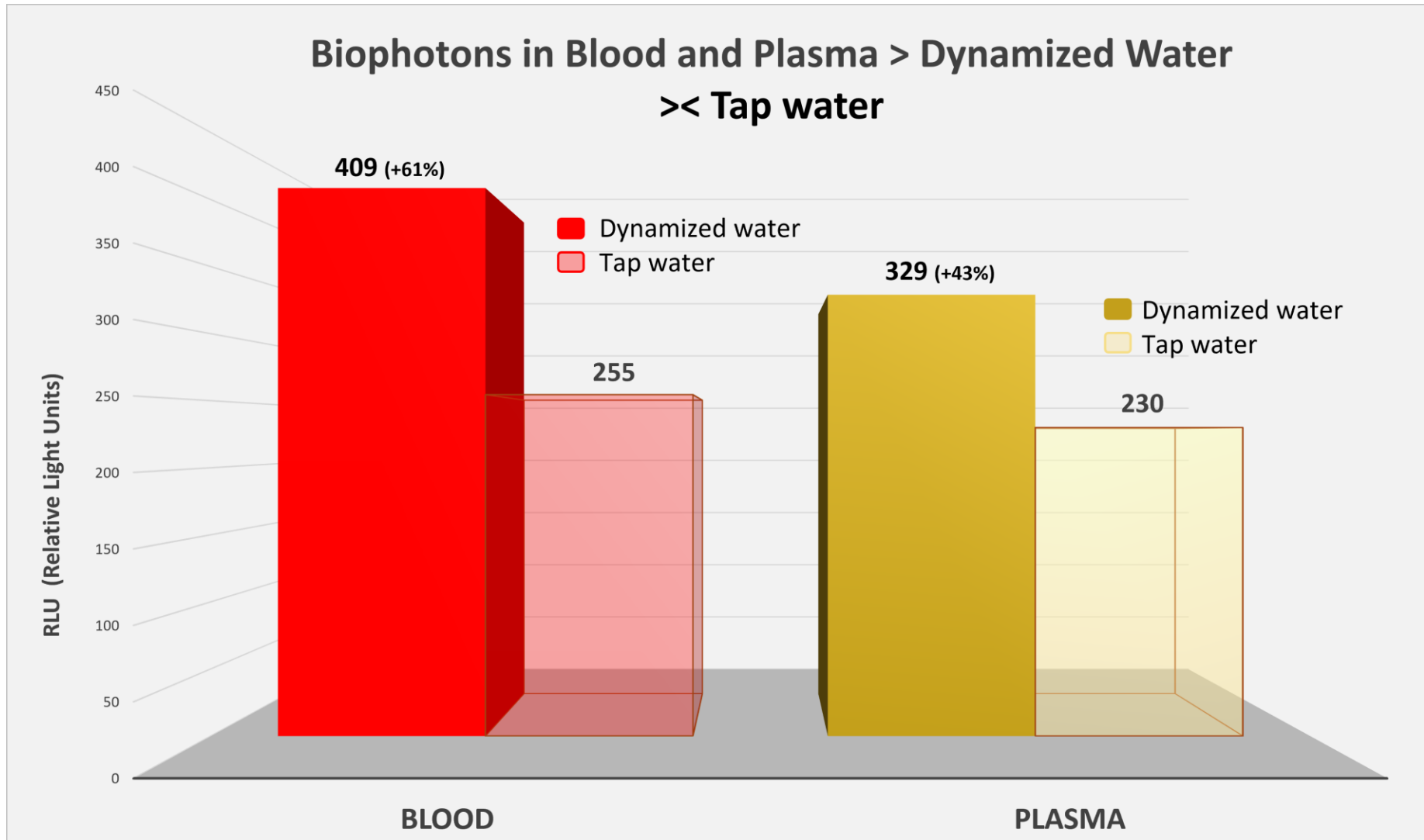
Rotofix 32 A Centrifuge

- Plasma is composed of approximately 90% water and approximately 10% proteins, mineral salts, metabolic waste, etc.
- Individuals who drank 2 types of water (tap water – Biodynamized tap water) for 3 days until 1.5 hours < sampling > 1 hour: measurements
- Results: The plasma of individuals who drank Biodynamized water showed + **43% more plasma bioluminescence**.



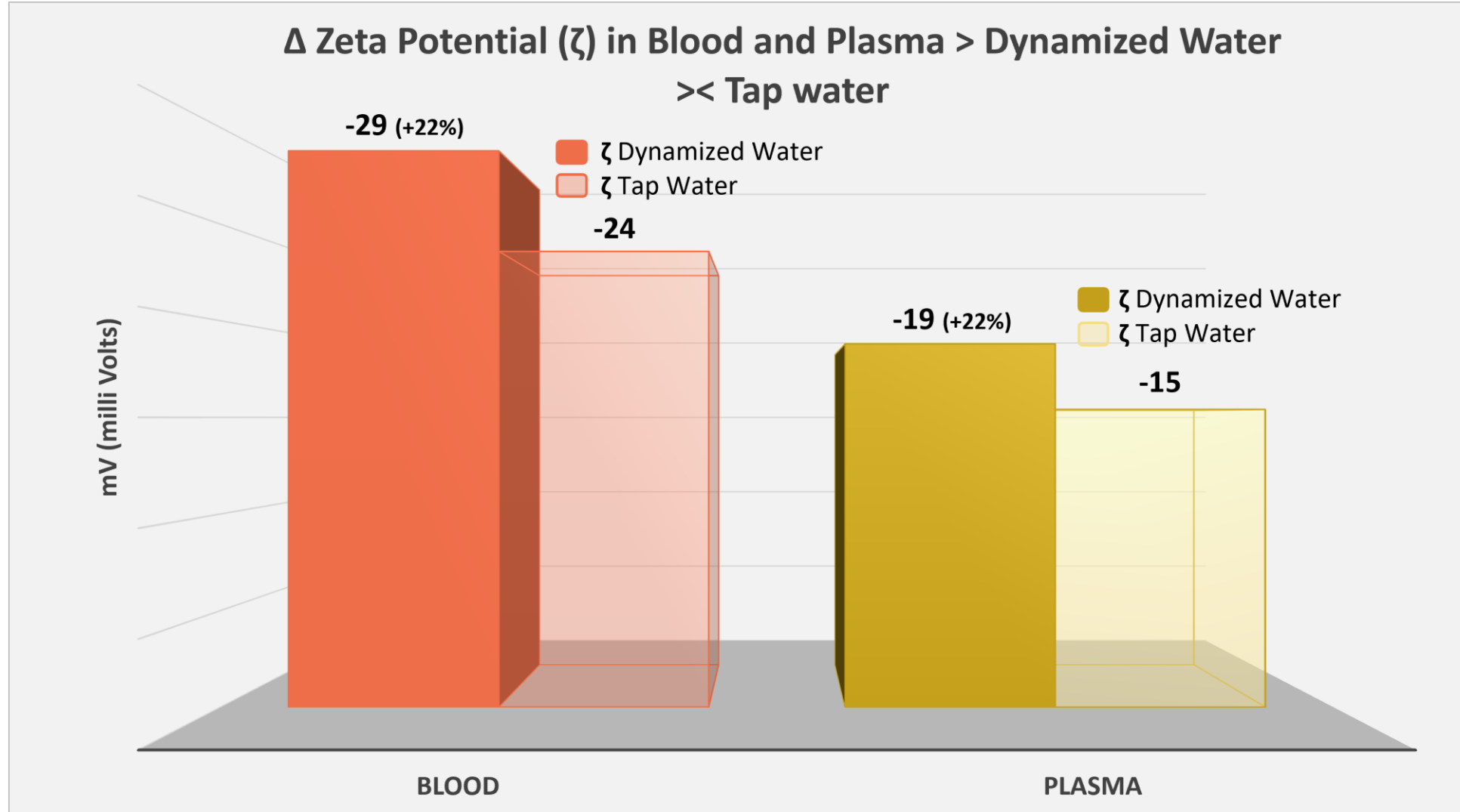


Results of biophotonic analysis in human blood and plasma





Results of the zeta potential of human blood & plasma





Analyzes : capillary blood sampling

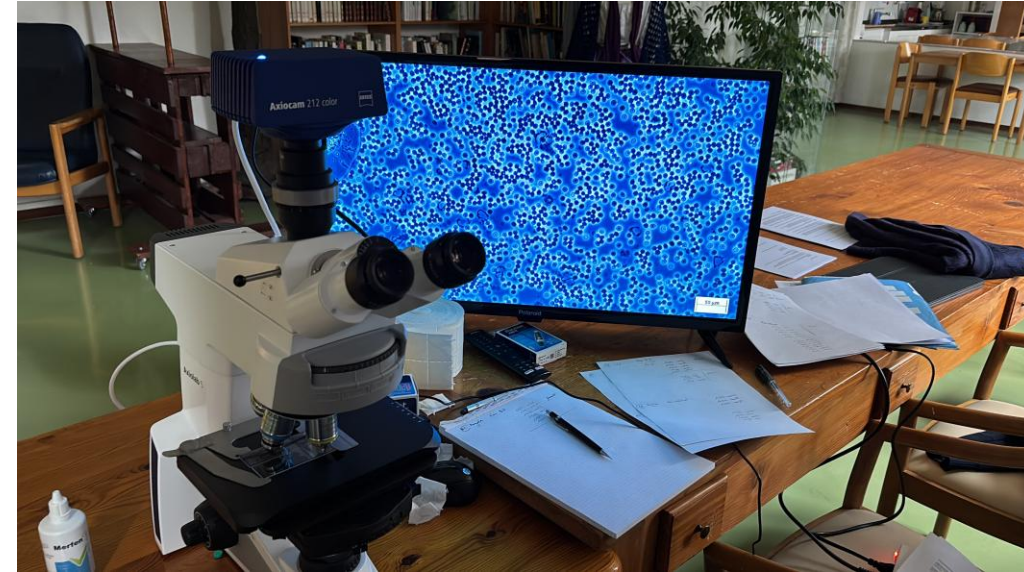
Zeiss Axiolab 5 microscope; Software: Zeiss Labscope ; analyses performed between January 29, 2026 and March 19, 2026

Microscopic experiment conducted on **2 groups of 20 participants** (20 drinking tap water and 20 drinking Biodynamized tap water filtered through activated carbon and dynamized by the Biodynamizer). Two samples were taken per patient, resulting in **80 images** in total. Red blood cell (RBC) counts were performed manually.

Objective of the analysis: to assess whether there is an observable difference in the distribution of RBC after the consumption of **0.5 L tap water >< Biodynamized tap water > 1 hour**.

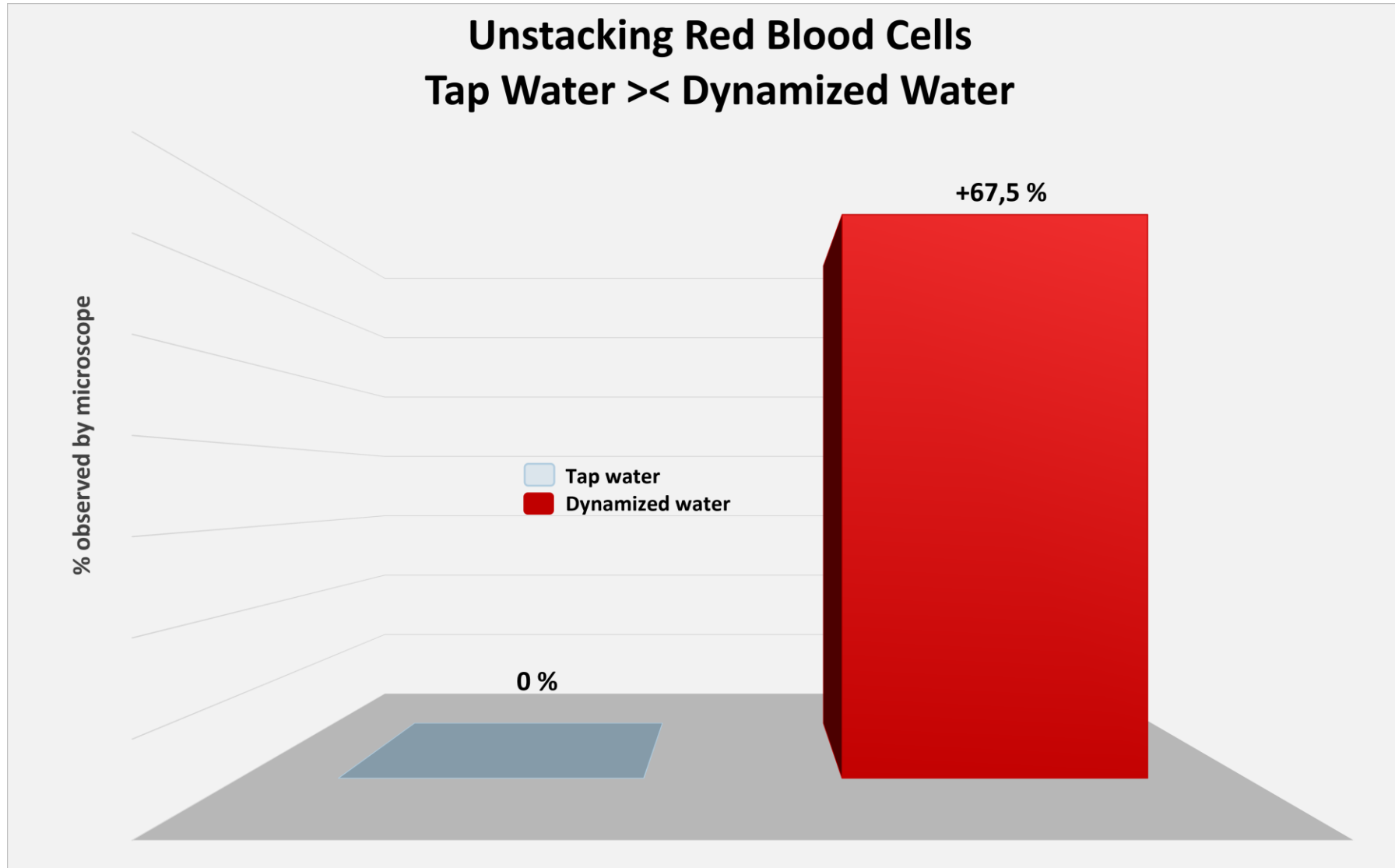
- Phase 1 of the study: January 29, 2026, participants 1 to 18
- Phase 2: February 12 and 13, 2026, participants 19 to 32
- Phase 3: March 19, 2026, participants 33 to **40**

Results: Destacking of the RBC rolls by 67.5% > 1 hour after drinking 50 cl of Biodynamized tap water >< 0% for tap water





Results of microscopic analysis on RBC destacking



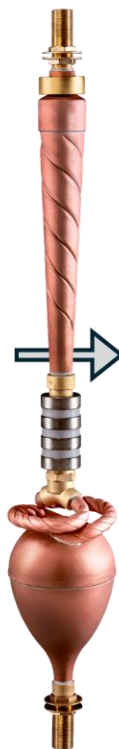
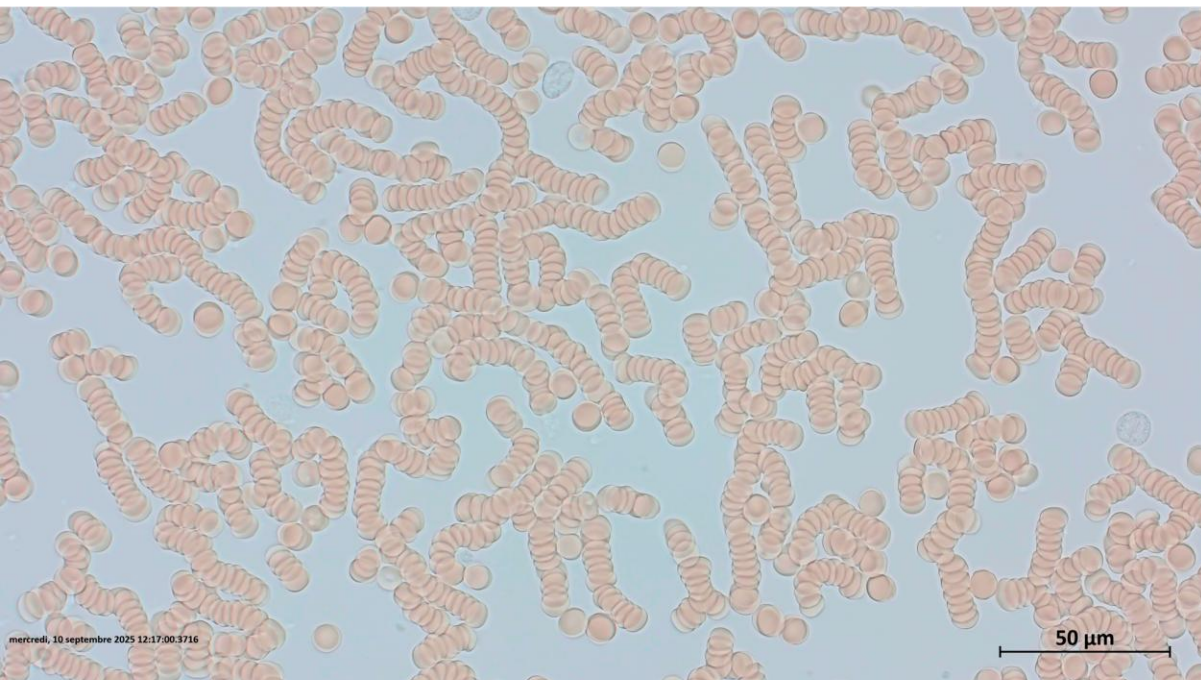
Statistics based on median values.



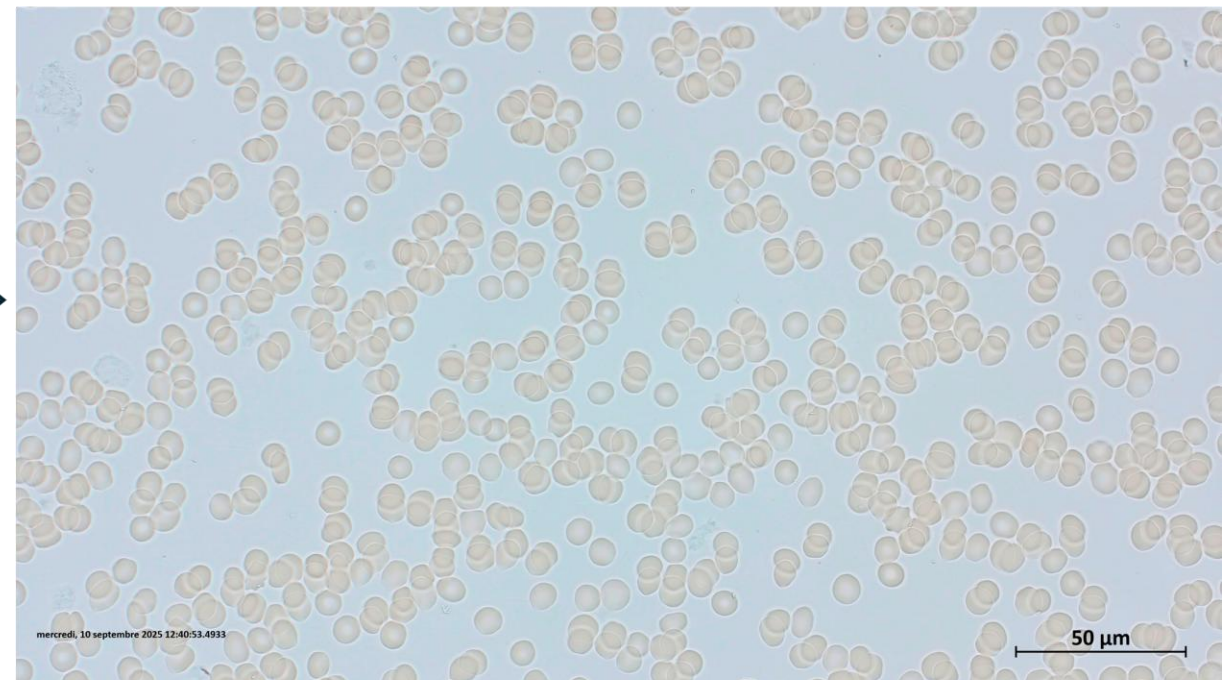


RBC rolls > Tap water >< Biodynamized water

*Red blood cells stacked in **rolls** before and after **tap water***

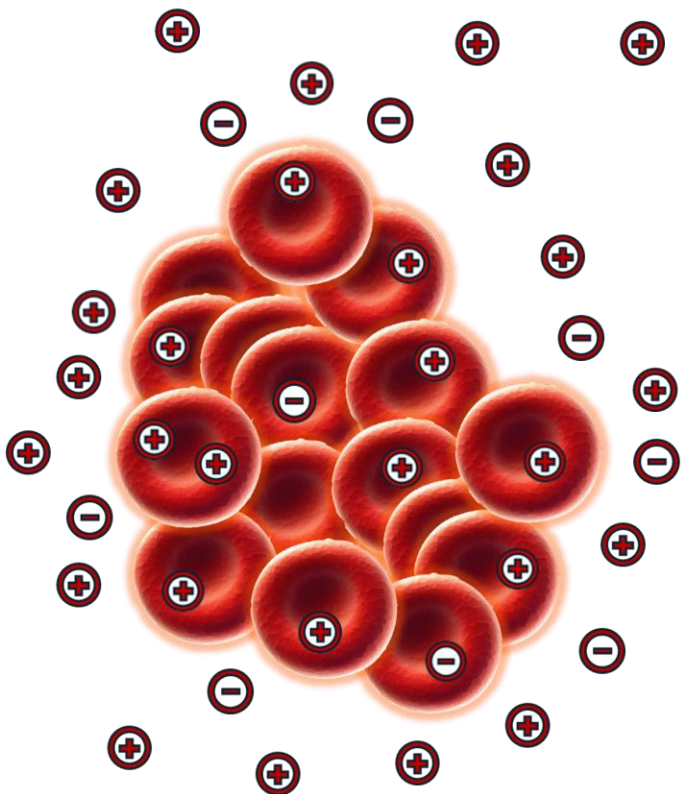
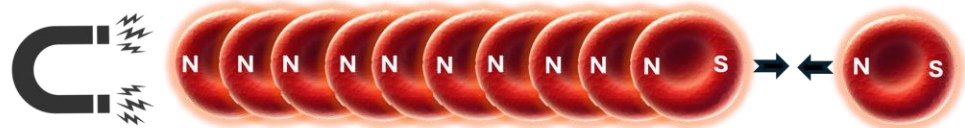


*Free red blood cells (67.5%) 1 hour > consumption of **Biodynamized water***



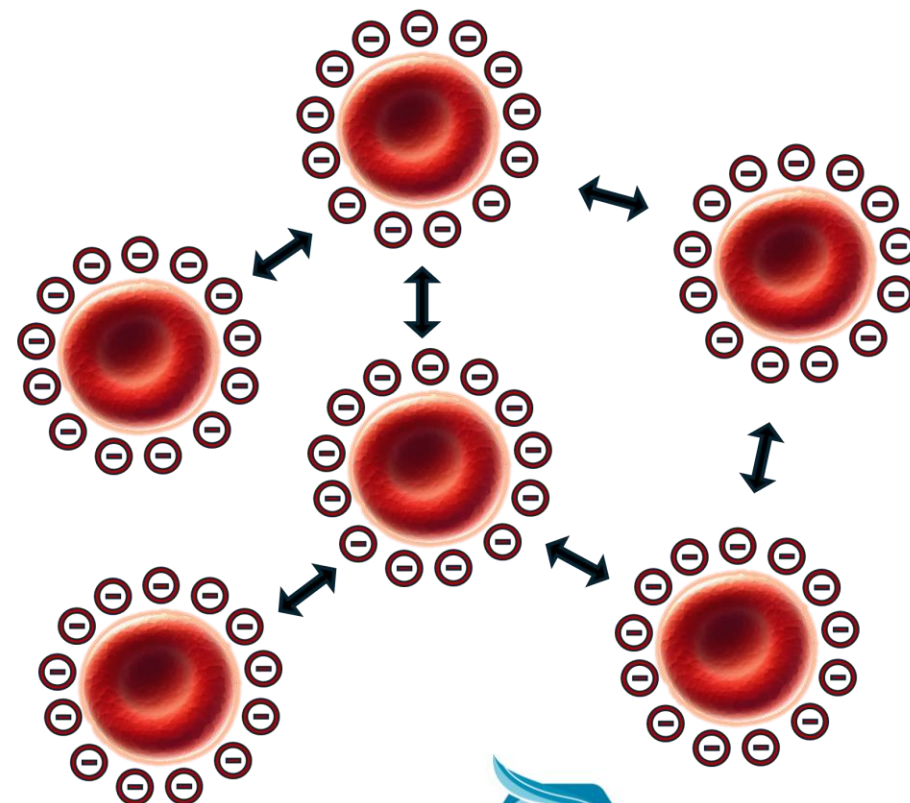
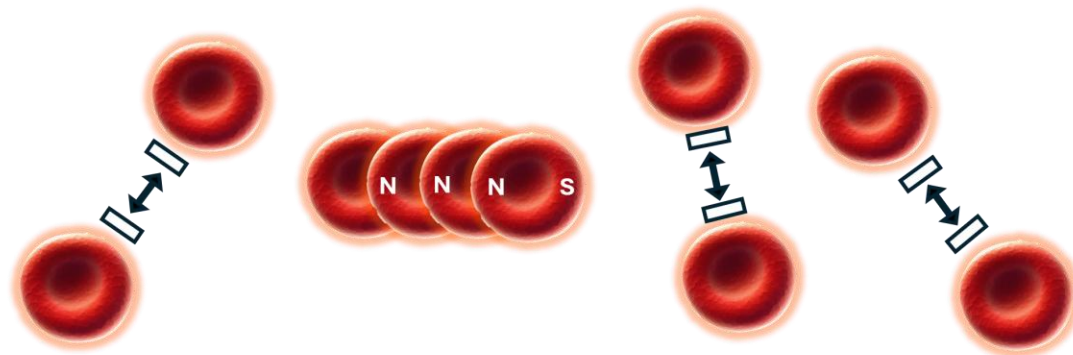


Stacking of Red Blood Cells (RBC) > **Electrosmog (+) & Tap water**



↗ **Zeta potential**
=> Strengthening of
the electronegative
repulsive shield of
the RBC
⇒ **Unstacking**

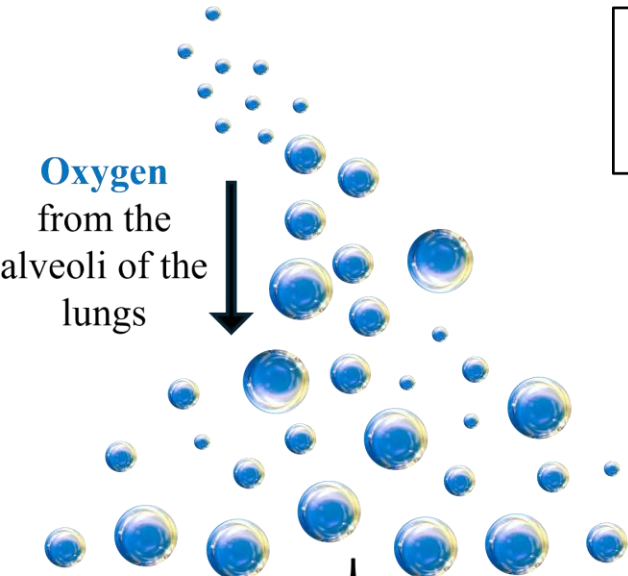
Unstacking of Red Bloodcells > **Biodynamized water (-)**



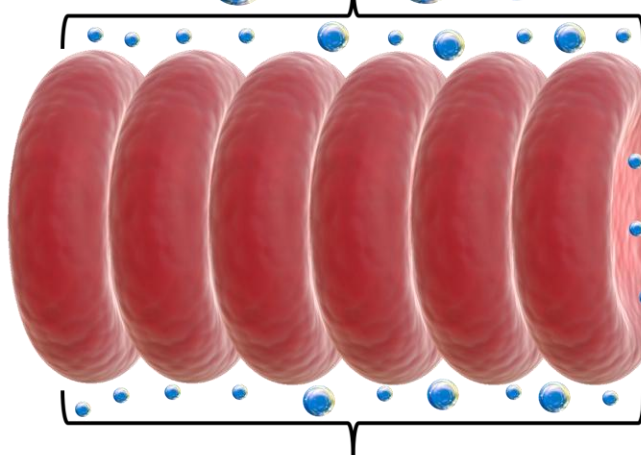


After ingestion of **Biodynamized Water**, **Red Blood Cells (RBC)** transmit until + 52% more **Oxygen** in the human body

Oxygen from the alveoli of the lungs

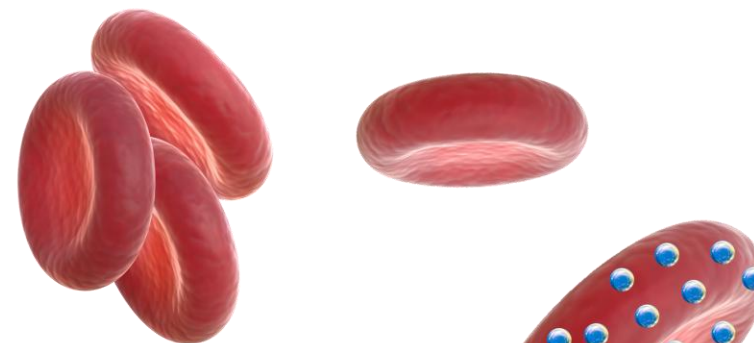


RBC in rolls = **22%** of the convex **oxygen absorption surface** = free

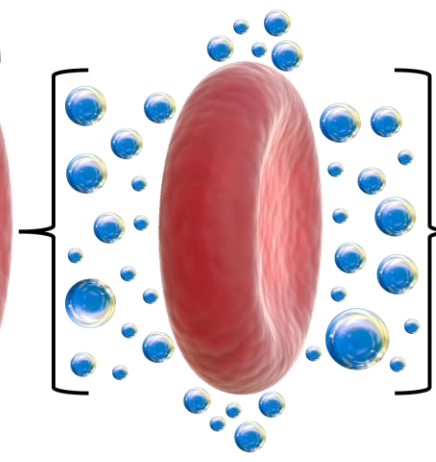


Oxygen binding to hemoglobin in **RBC**, which transport **98%** of the **oxygen** to the tissues

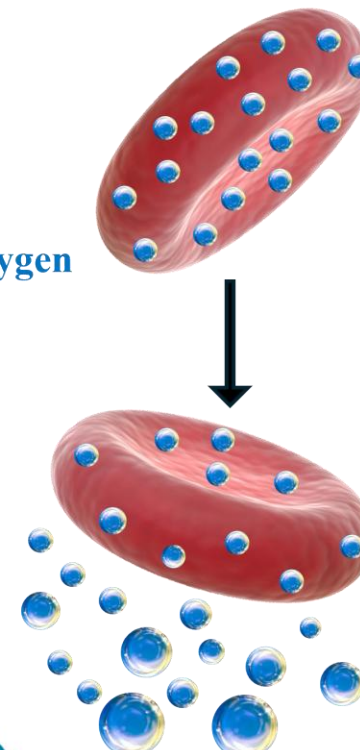
+ 67,5% **RBC** unstacking > **Biodynamized Water**



> **Biodynamized Water**
78% of the concave **oxygen absorption surface** = free

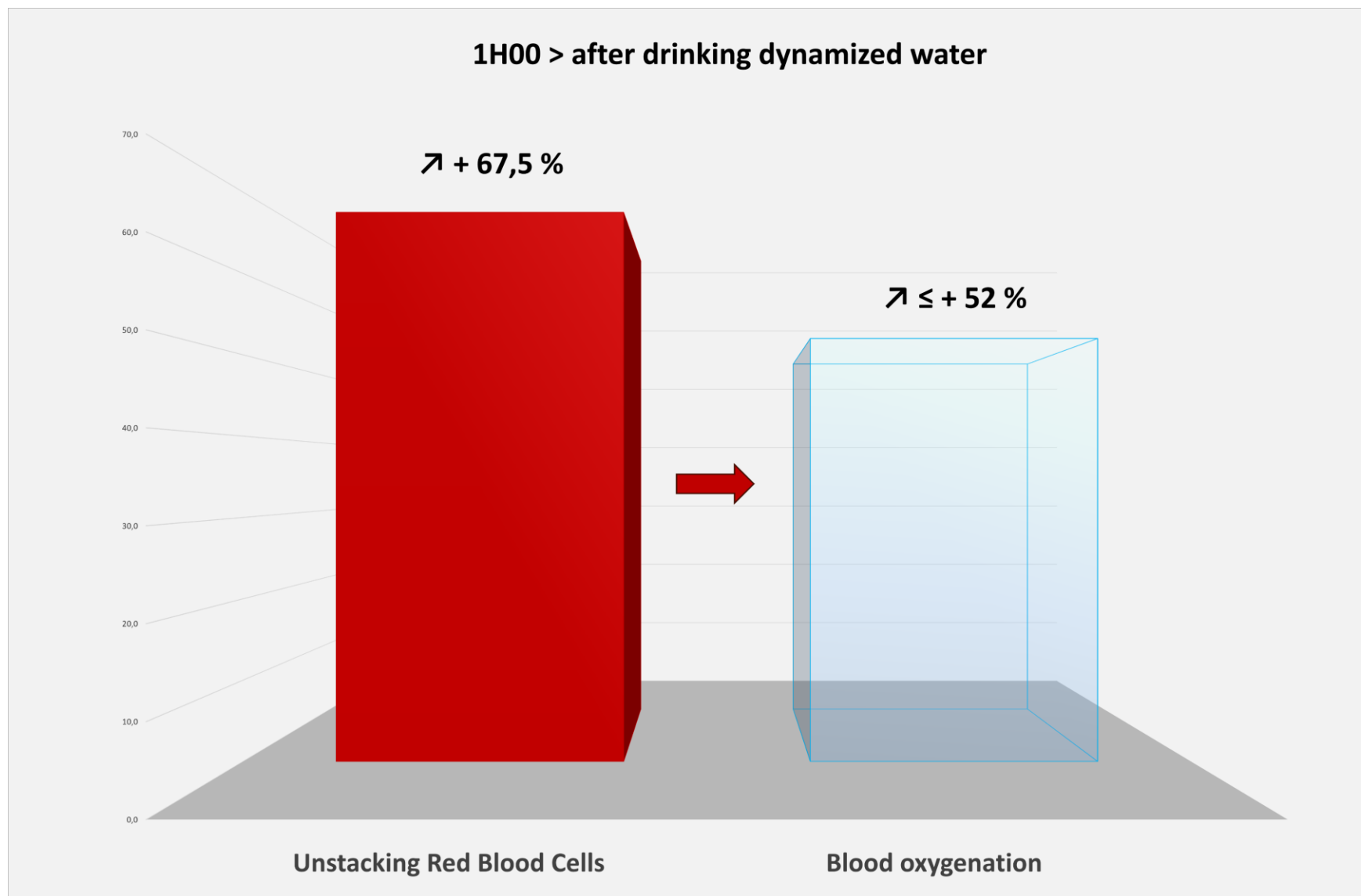


≤ + 52% more **Oxygen** released into cells and tissues



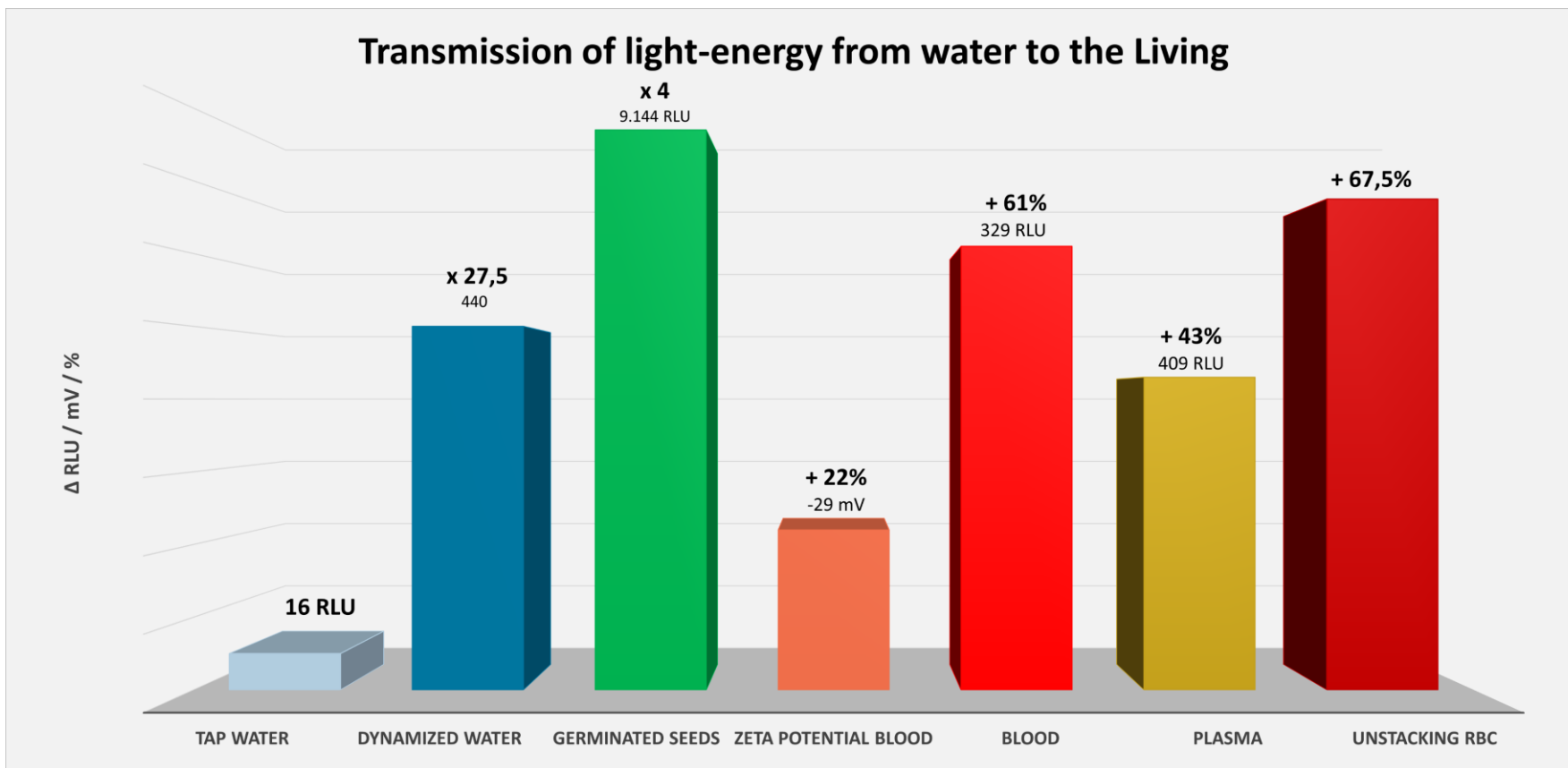


↗ Unstacking Red Blood Cells – ↗ Oxygen – ↗ Physical capacities





General conclusion of the biophotonic analyses, zetameter, microscope



These independent, multidisciplinary analyses conducted in France and Switzerland appear to prove that **the energy of biodynamized water crosses the intestinal barrier to be transmitted to living organisms and to life in general, including humans.**

Dynamized water contains:

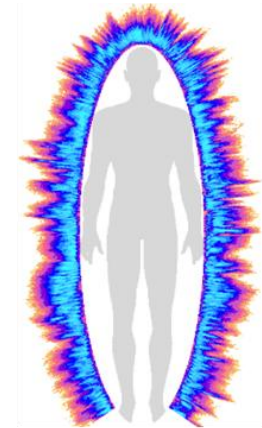
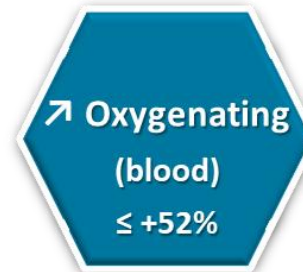
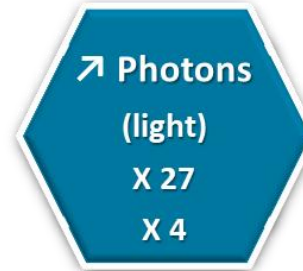
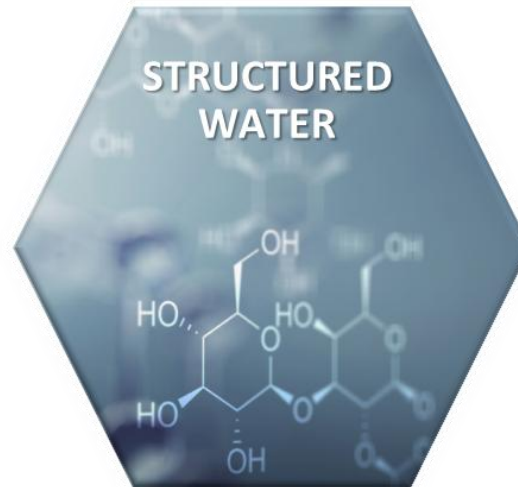
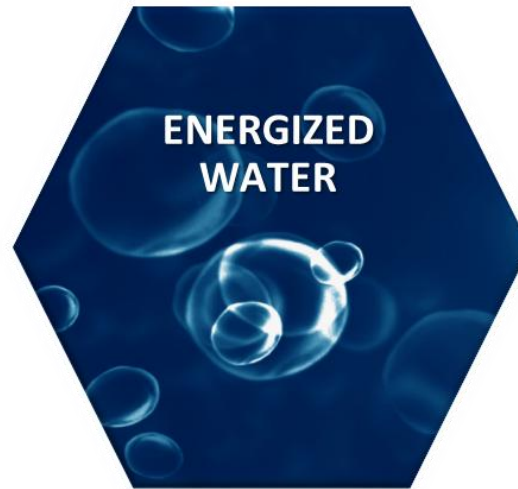
- Significantly **more light energy** in the form of photons (27 times more than tap water!), which ionizes the water and makes it more electronegative.
- This light-energy is transmitted to **living organisms**: germinated seeds, plasma, and human blood!
- The excess of **electronegativity** strengthens the protective shield of **red blood cells**, causing them to **unstack** and improving their ability to deform and absorb and diffuse more oxygen into the organs and tissues.
- This **additional oxygenation** improves the body's **physical capabilities**, which are needed when exerting effort (in muscle cells, oxygen is used by mitochondria to produce the energy (ATP) necessary for physical exertion).



Origin of light-energy in Dynamized water

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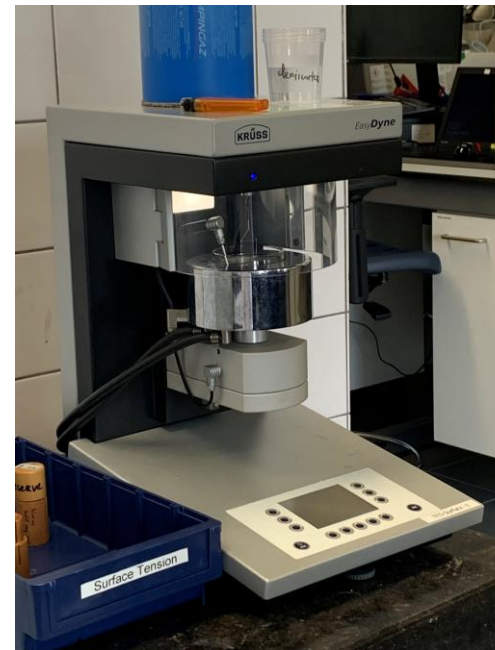
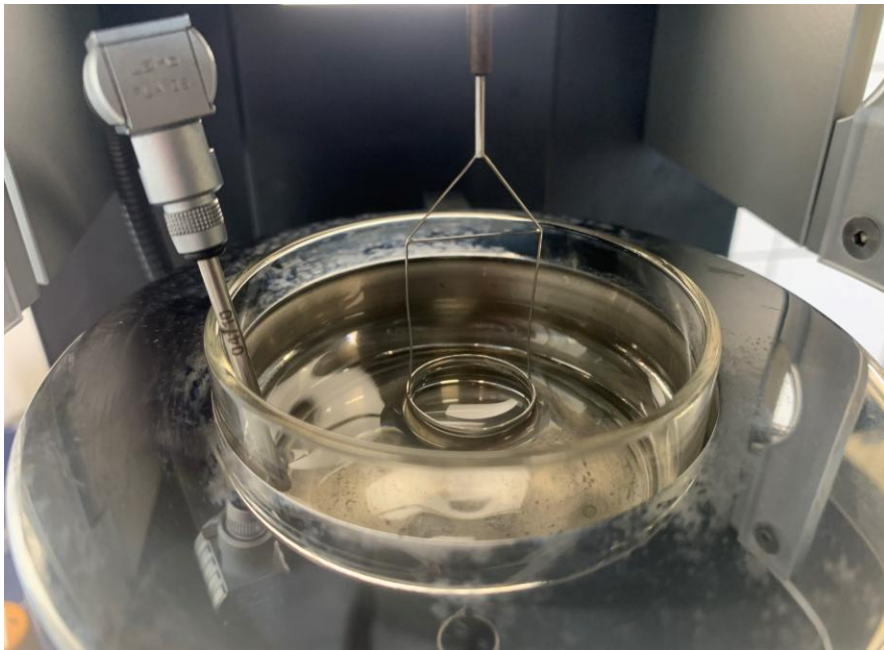


Analysis of the surface tension of dynamized water

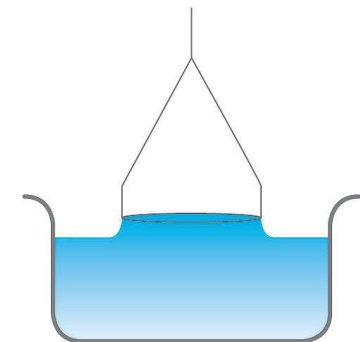
Analysis carried out according to international standards the 22nd of July 2021 by the SGS laboratory in Rotterdam (Krüss Easy Dyne device)

Comparison of the surface tension of dynamized and non-dynamized tap water from Rhode Saint Genèse (Belgium). After analysis, it turns out that the water dynamized by the Biodynamizer has a **lower surface tension of -15%** compared to non-dynamized water (66 dynes/cm -> 56 dynes/cm or mN/m at 20 °C and measured according to ASTM D1331).

The **platinum ring method** measures the surface tension of water: The ring is submerged and then pulled upward until it crosses the surface of the liquid. The lamella is overstretched until it breaks and gives the measure of the surface tension of the water.



SGS

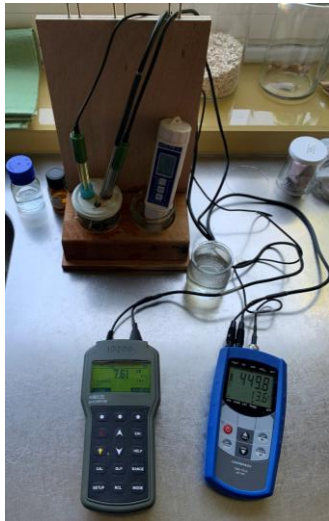


Biodynamizer®
Enjoy the natural movement of life



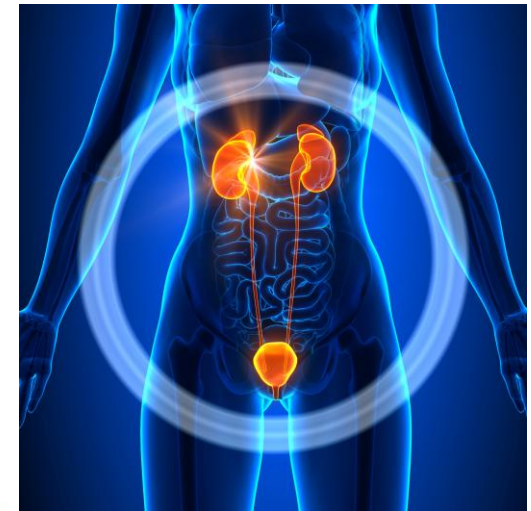
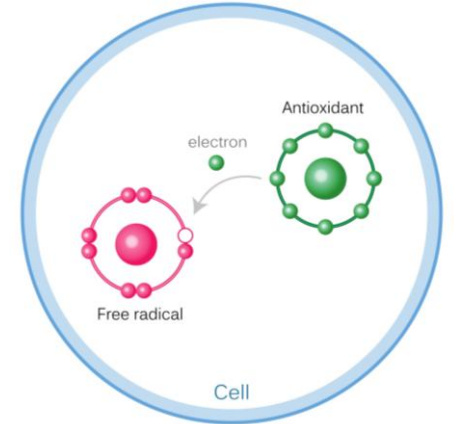
Bioelectronic analysis

Bioelectronic Analysis: **pH** (analyzes **protons** = particle = nucleus of the atom = **matter**) & **rH2** (analyzes **electrons** = electric charge = **energy**); BEV analysis (Bioelectronic of Vincent analysis using Hanna Instruments calibrated electrodes and the formulas of Professor Joseph Orszagh researcher at the University of Mons-Hainaut in Belgium, carried out by Sylvie Henry Réant, ENSCP Chemical Engineer, Master 2 Biology, in Rhode Saint Genèse (Belgium) on 19.05.2020



Bioelectronic analysis confirms that the Biodynamizer :

- very significantly reduces the oxidation potential of water = **less oxidized water** (rH2 36.3 -> 29.7 or 4 million times - oxidized; redox potential = 385.2 mV -> 209.5 mV),
- increases the surplus of **available electrons** in water (it donates electrons and is therefore **more reductive**) and therefore helps to fight free radicals,
- makes it possible to increase the **electronegative charge** in water (as reductive water) which should make it possible to better metabolize the nutrients and promote cellular detoxification (by activating ionic channels),
- transforms inorganic minerals into **colloids** which should facilitate their **metabolism** as well as their **evacuation** rather by the stools (intestinal) than by the urine (kidneys) and avoid overloading the kidneys,
- preserves much better the **energy** in water



Biodynamizer®
Enjoy the natural movement of life

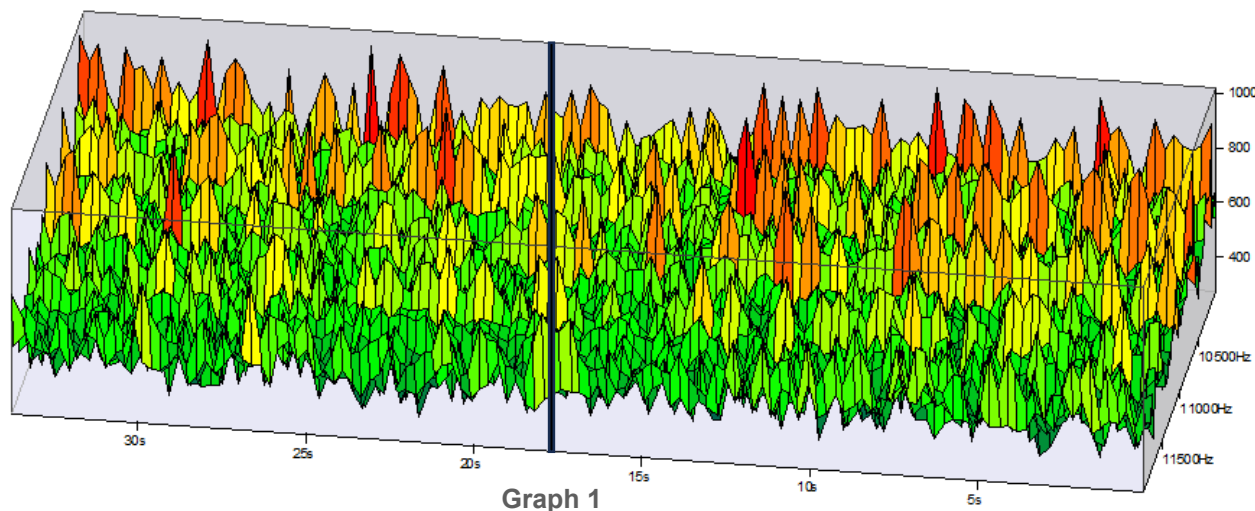


Spectral analysis by the Bioscope

Spectral studies (Bioscope) commissioned by SA Dynamized Technologies on 23.07.2025 and 13.09.2016 (Pier Rubesa)

Tap water

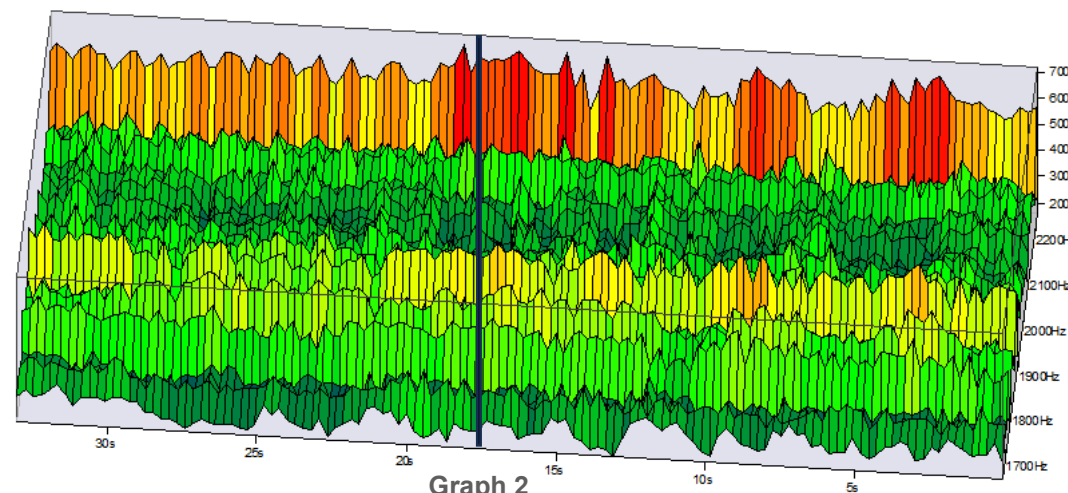
Biodynamized tap water



Graph 1

Tap water

Biodynamized tap water



Graph 2

In biodynamized water, we observe:

- **A shift in energy intensity toward specific frequency bands** (this is manifested by the displacement of the amplitude peaks, graph 1)
- **A pulse of this energy at regular (periodic) and systematic rhythms**, which demonstrates a **more structured, and coherent electrodynamic organization** of biodynamized water (graph 2)

This reallocation of energy and coherent restructuring of the water, will have an influence on the physicochemical and biological properties of biodynamized water!





Mustard seed germination test

Analysis carried out 3 x in October, November and December 2020



Non dynamized water

Dynamized water

- Parameters of the analysis carried out 3 times:
 - Identical amounts of seeds
 - Identical watering 2 x / day
 - Identical light & heat exposure
- Findings in favor of dynamized water:
 - Earlier germination start
 - Ever larger and luxuriant volume
 - Bigger, more developed germs
 - Maturity faster
 - A greener set



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Comparative observations of 2 groups of cows

Conclusions of the observations made between 2019-2021:

Comparative observation of 2 groups of +/- 60 cows (Warzée farm in Hamois, Belgium), on equal feed in quantity and quality, in stalls all year round, one of the groups drinks dynamized water and the other does not, induce following observations in the group drinking dynamized water by the Biodynamizer:

- **23% Water consumption,**
- **20% Milk production (and a proportional increase in fat and protein)**

Water consumption	Non - dynamized water	Dynamized water	Δ (%)
From June to Sept.2020	62,11 L/cow/d	76,63 L/cow/d	+ 23 %

Milk production	2019 (non-dynamized water)	2021 (dynamized water)	Δ (%)
Milk (L)	24,20	29,01	+ 20 %
Fat (Kg)	0,95	1,13	+ 19 %
Protein (Kg)	0,81	0,98	+ 21 %



Minerals and limestone in water



The Biofilter retains pollutants, but not minerals that are good for your health

- Most people confuse **filtration**, and therefore the **purity** of water, with its **mineral content** (i.e. the quantity of dry residue it contains after evaporation at 180°C)!
- **Filtered** tap water is water from which the **pollutants** that remain despite their passage through a treatment plant and which are measured in micrograms/L = $\mu\text{g/L}$ (i.e. 1 millionth of a gram) have been removed. These pollutants must be removed from the water because they are harmful to our health, **but their infinitesimal quantity cannot be measured by a TDS** (Total Dissolved Solids) device which is an indirect indication measure of the **minerals** present in the water in terms of **mg/L** (i.e. 1 thousandth of a gram or **1 ppm**) and which are **beneficial for our health**.
- **The Biofilter filters (retains) pollutants present in micrograms = $\mu\text{g/L}$, but not minerals present in milligrams per liter of water (mg/l or ppm), and which are NOT pollutants, but which are good for our health !** It is therefore normal that the minerality of filtered water does not change when measured with a TDS device. This minerality also gives this more rounded, soft and velvety taste to the dynamized water.
- The TDS device by measuring the electrical conductivity of water gives an **indication of the quantity of dry residues** present in the water, i.e. its ion content (inorganic and organic compounds) which are mainly made up, **at 80%, of calcium and magnesium**. The National Sanitary Foundation (NSF) in the United States does not certify the use of TDS measuring devices..
- **Filtered water therefore has nothing to do with softened or reverse osmosis water.**





Importance of preserving minerals in water

- We want to preserve **inorganic minerals** in water because they are good for our **health!**
- The **body absorbs (metabolizes) approximately 48% of these inorganic minerals** (this percentage is comparable to the absorption rate of organic minerals found in fruits and vegetables) and **excretes the excess ~ 52% via feces and ~ 1% via urine**
- In fact, **the inorganic minerals in tap water contribute approximately for 3% of the magnesium and 24% of the calcium to the Recommended Nutritional Intake of calcium and magnesium for a person***. Calcium contributes to bone health and has a beneficial role in hypertension, cardiovascular accidents and colon cancer. Magnesium is involved in the activation of more than 300 enzymatic systems, fights fatigue, diabetes and coronary insufficiency as well as osteoporosis... Knowing that the average population has an average calcium deficiency of +/- 40% (average nutritional needs) and even 70% for magnesium, **It therefore seems essential to us to drink mineralized water with a mineral content of between 250 and 600 mg/L dry residues !****



* Source: Study on the absorption of calcium and magnesium in natural mineral waters, Patrice Fardellone, CHU Amiens, Université Picardie Jules-Verne, 2015; **"The mineral elements present in tap water, by contributing to the daily mineral intake necessary for the proper functioning of the body, have a certain beneficial role in health.** Calcium present in water could also play a role in protection against cardiovascular disease. The role of calcium in the elimination of fats and the regulation of blood cholesterol is also recognized" (source Ministry of Health, France 2006).

** **The WHO** (World Health Organization) speaks of an **"optimum below 1,000 mg/liter"**. The **Superior Council of Public Hygiene of France** sets in its decrees of 1990 and 1995 relating to the quality of water intended for human consumption the **quantity of dry residues, after desiccation at 180°C, at a maximum of 1,500 mg/liter.**



The Biodynamizer: ecological limescale management

However, it is also important to treat limescale (scale composed of calcium & magnesium) in order to preserve your boiler and your household appliances!

This is why the Biodynamizer will **treat the limescale from all the water in the house in order to make it harmless** (i.e. limescale which becomes **much less encrusted**): the limescale becomes a **pulverized white powder**. The limescale is therefore not removed as a softener does (ionic exchange between the limestone and salt) but **transformed to make it easier to clean**.



The Biodynamizer: ecological limescale management

1/ **Kettle test** (October 2023): Water heated to **60°C & 90°C** in identical containers and visual observation of the **difference in crystalline structure of the limestone** which floats on the surface of the water.

- Limescale in non-dynamized tap water **aggregates into limestone clusters** (which clump together) suspended on the water, distributed **sparsely** over the surface of the water.
- Limescale in dynamized tap water appears in the form of a **fine sprayed film suspended** on the water, distributed over the **entire** surface of the water.

Non-Dynamized water



Dynamized water

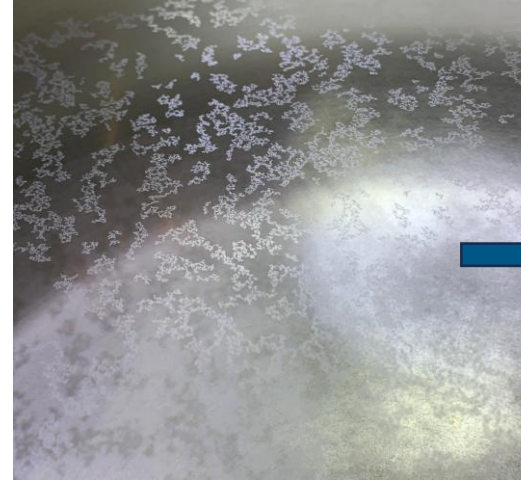


The Biodynamizer: ecological limescale management

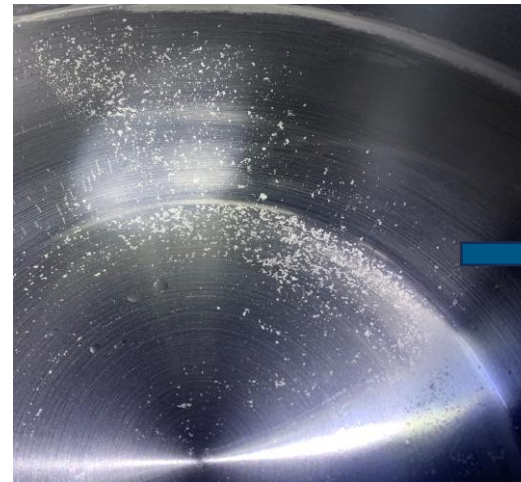
2/ Pan test (October 2023): Water heated at **60°C & 90°C** in identical **pans** and visual observation of the **difference in crystal structure**:

- Limescale in non-dynamized tap water is suspended **sparsely** on the surface of the water where it **aggregates** (transparent water); after evaporation, it settles at the **bottom of the pan** on a more concentrated surface, being **stickier and encrusting**.
- The limescale in dynamized tap water **dissolves** in the water (more opaque water), it has a **finer and pulverized structure**; after evaporation, it settles at the **bottom** of the pan, spreading over a larger surface and having a **silkier texture** (like a fine white powder), **less encrusting, which makes it easier to remove**.

Non-Dynamized water



Dynamized water



The Biodynamizer: ecological limescale management

3/ Buildwise test (March 2024)

Observation of the difference in the quantity of limescale in a **boiler/water heater** (open circuit: 10 liters taken every 30 minutes) set at **75°C** for 30 days (01/11/2024 to 03/08/2024) in tap water (30°F), dynamized >< non-dynamized ; Evacode procedure CCN/PN/NBN-917.

Observation :

In the boiler containing dynamized water there is **12% less quantity of limescale deposits** (bottom of the boiler and electrical resistances) because this limescale has been pulverized and has therefore been more easily evacuated:

- The mass of scale remaining around the resistances and at the bottom of the boiler decreases
- The Biodynamizer has an effective capacity to reduce the formation of limescale deposits

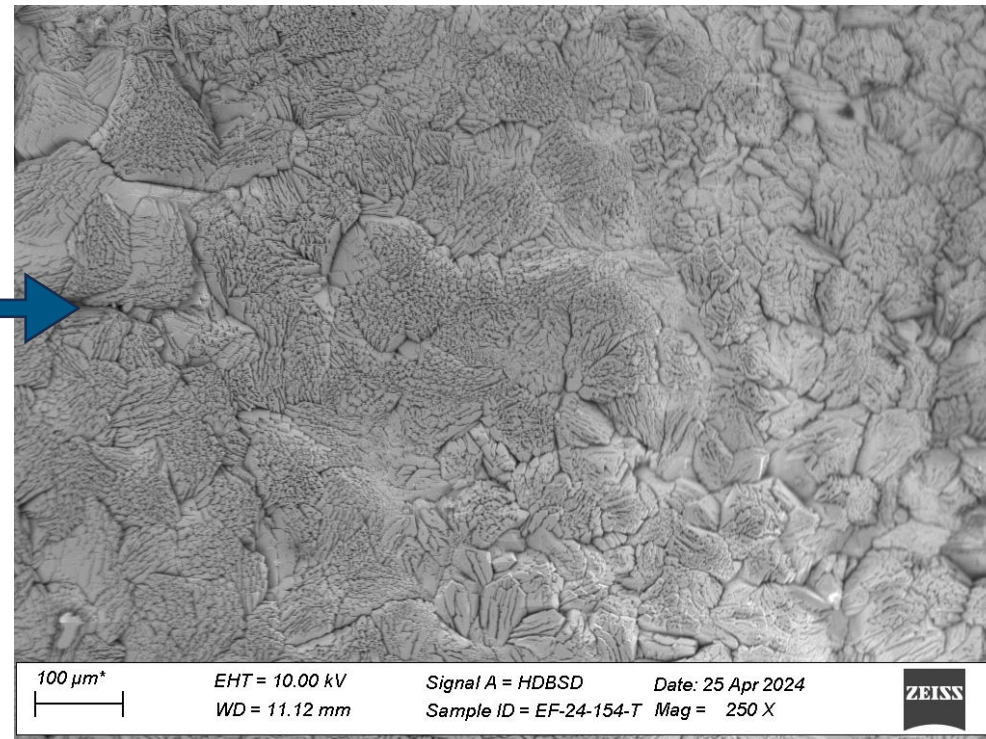
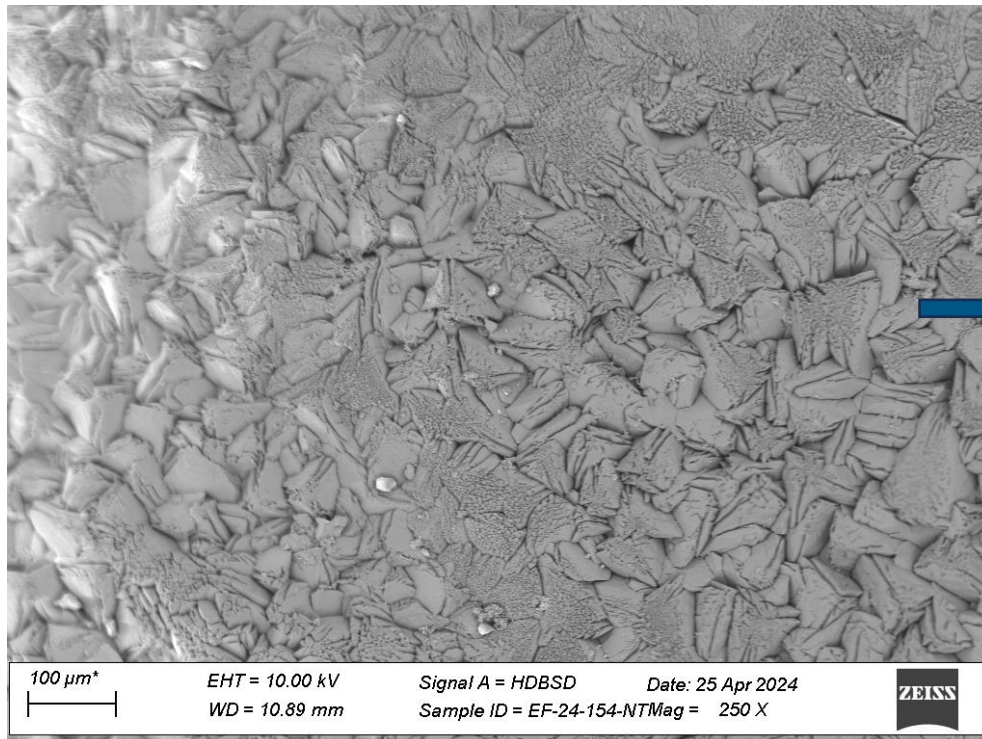


The Biodynamizer: ecological limescale management

4/ Buildwise test (March 2024) Scanning electron microscope (SEM) analysis with EDS (“Energy Dispersive X-ray Spectroscopy”)

Observation of the **difference in mineralogical structure of the scale** (morphology and arrangement) **formed and remaining in 2 boilers**, one of which contains dynamized water and the other non-dynamized water;

Observation : The limescale in non-dynamized water appears indeed more in the form of **fragments** than that of the limestone in dynamized water which appears more in the form of a “**brocoli**”) ; *“the crystals observed on the scale coming from the installation treated with the Biodynamizer seem locally a little **more fragmented** and show a slightly more chaotic arrangement”*



Limescale: compatibility of our units in specific cases

Please note !

The Biofilter **removes pollutants but does not remove minerals**—such as calcium and magnesium—that form limescale.

The Biodynamizer **breaks down limescale**, making it **less prone to adhering** to surfaces and thus harmless, as it is easy to clean away; however, it **does not remove the limescale itself** the way a water softener does. Consequently, the limescale remains present and visible in the water, albeit in the form of fragmented white powder. The Biolimescaler enhances this breakdown process—further fragmenting the limescale—and can therefore be viewed as an amplifier of the ecological limescale treatment provided by the Biodynamizer. It acts as a booster for the Biodynamizer when water is extremely hard (approx. 40°F) or if you are particularly sensitive to limescale issues. However, it does not remove the limescale.

Water treated by the Biofilter and Biodynamizer is **unsoftened water**—specifically, filtered water, which does not retain limescale, and dynamized water, which does not remove limescale.

This implies the following:

- For **pool professionals**: You must verify the compatibility of the swimming pool or jacuzzi filtration system with unsoftened water (water containing limescale).
- For **professional kitchens** (restaurants, hotels, spas, etc.)—where appliances such as dishwashers operate frequently and heat to high temperatures, thereby accelerating limescale buildup—consider installing a **water softener** upstream of these units to adjust water hardness to the levels specified by the manufacturers and suppliers of this professional equipment.
- For **private households**: If your appliances or installations are sensitive to limescale and require softened water (water from which limescale has been removed)—such as taps that rapidly heat or carbonate water, certain steam ovens, hammams, etc.—you should check with the manufacturer or supplier regarding the compatibility of unsoftened water with these devices. In such cases, it may be necessary to combine our units with a **water softener**. Please note that any reduction in limescale results in the addition of sodium (a component of salt that is tasteless) to your drinking water via the softener. This sodium is not removed by the Biofilter (it passes right through). For example, a reduction of 20°F (French degrees) adds 20 x 4.6 mg of sodium per liter of softened water, or approximately 100 mg/L. Given that European standards (Drinking Water Directive) limit sodium levels in drinking water to a maximum of 200 mg/L, and that the EFSA recommends a daily water intake of 2 liters, we therefore advise—whenever possible—adjusting your water softener settings based on these parameters (i.e., to between 15°F and 20°F).



Costs and placement

Savings from devices (Biofilter + Biodynamizer)



Because tap water costs
150 times less than
bottled water!

Savings DYNAMIZED WATER >< COST OF BOTTLED MINERAL WATER	
Devices amortized in 4 years	
Savings of +/- € 20,000 over 20 years	
Savings DYNAMIZED WATER >< COST OF BOTTLED MINERAL WATER & SOFTENER	
Devices amortized in 2 year	
Savings of +/- € 30,000 over 20 years	
Savings DYNAMIZED WATER (devices financed via <u>mortgage loan</u>) >< COST OF BOTTLED WATER & SOFTENER	
Devices immediately amortized	
Monthly savings of +/- € 100	
Savings of +/- € 25,000 over 20 years	





The simplicity of a global solution

The Biofilter and the Biodynamizer are **placed just after the city water meter**. It takes a space of +/- 2 m² to place them.

Global Solution at all the taps of your house :

- ✓ **Filtered** water: Biofilter
- ✓ **Dynamized** water: Biodynamizer

Simplicity of placement:

- ✓ Placement by any professional plumber
- ✓ Standard measures (3/4 " brass fittings: outside Ø 26,4 mm - internal Ø 18 mm)
- ✓ The devices operate without electricity, without draining water and without the use of salt or chemical agents (only the filter cartridge must be replaced every 150m³ and max every year)
- ✓ Biodynamizer: **No maintenance, no consumables**
- ✓ **In the event of a move, you take it back with you!**

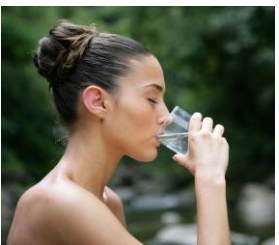


In conclusion

Benefits of Filtered & Dynamized water



← **Filtered tap water**



← **A Sweeter taste**



← **Limescale management**



← **An Ecological solution**



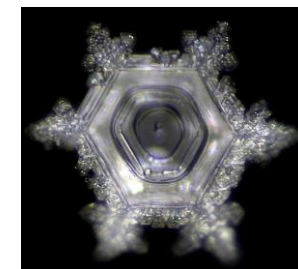
← **An Economical solution**



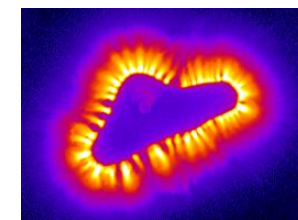
↗ **Antioxydant**



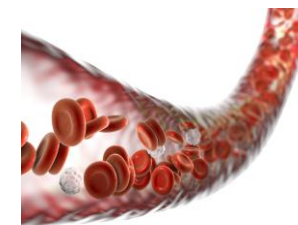
↗ **Structured**



↗ **Energy**



↗ **Oxygenated blood**



Biodynamizer®
Enjoy the natural movement of life



Contacts

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