

**The main currency of the XXI century of the planet Earth -
Liter bottle of bioactive drinking water.
Course: 1 bottle = €2.17 (2022)↑**

Water is the matrix of life!

SUMMARY OF THE INVESTMENT PROJECT:
“SCIENTIFIC - PRODUCTION ENTERPRISE
“TINOWA BIOWATER”
PRODUCTION OF BOTTLED
DRINKING WATER WITH A QUANTUM EFFECT
«P-ACTIV WATER»



Tinowa Group

2022-2025

Project implementation period.

PROJECT PROGRAM OF ACTIVE LONGEVITY AND PROTECTION FROM NONINFECTIOUS DISEASES

The relevance of the problem of providing the population bioenergetic active drinking water caused by global geophysical changes, as a result of which a new risk factor for human health and life - electronic deficiency, and as a result: an increase in oncology, diabetes, cardio diseases, etc. independently from advances in medicine and pharmacology.

“The demand for bottled drinking water is increasing every year. More and more countries due to climate change will be forced to turn to imported bottled drinking water. UN statistics.

A rapidly developing market in which more and more countries are left far behind. At the same time, it should be understood that in the markets of these countries there is more inert bottled drinking water. Bioactive bottled drinking water, which is the carrier of electrons, is practically non-existent in trade in most countries, and especially in developed countries.

Tinowa Group, scientific developer of the innovative project

"Production of bioactive bottled drinking water with a non-local effect."

Water was transported from the Universe about 3 billion years ago to the planet's surface. 900 million years ago, water contributed to the formation of a supercontinent, the basis of which is the Eurasian plate. The waters of the northern and southern oceans that covered the surface moved deep into the planet in the central part of the supercontinent, which hosts modern Russia. The process of separating and moving from the supercontinent of the continents began. Therefore, on the territory of Russia there are rare underground ascending water sources that have a bioenergetic component and a non-local connection with their place of origin in the Universe.



**Bioenergetic active drinking water
from ascending underground sources
Passport of the investment project
company «Tinowa Group»**



**Production of bioactive drinking water "Tinowa Energy"
and special bioenergy drinking water
"Tinowa Matrix" formatted with para-isomers of water**

Information about the company - authors and developer of the project

Management Company

Company name	Tinowa Group s.r.o. – Czech Republic
Date of registration of the company	2008
Legal form	Limited Liability Company
The address	ul. Sopečná 198, 360 07 Karlovy Vary, Czech Republic
Mobile WhatsApp	+ 420 777 5555 01
E-mail	project@bioactiwater.com
Skype	tinowa.group
IC	280 04 205
Owner of company	Dr. Igor Oberemko
Company Director	Dr. Igor Oberemko

The essence of the project

Who will answer how an extra year of human life is valued?

	<p>Production and sales of bioenergetically active drink water “Tinowa Energy” and “Tinowa Matrix” from ascending sources , which is a significantly large centre of groundwater discharge of Turonian-Maastrichtian sediments of Upper Cretaceous period carbonate series with a flow rate of 665m3 / day. pH = 7.7.</p>
	<p>Surface ascending sources were studied by scientific group of Tinowa Group company and Federal State Organization «A.N. Sysin research institute of human ecology and environmental health» of Russian Health Ministry. Laboratory tests are confirmed that this water has not existing analogs composition of bioenergetic in the world. The presence of an optimal level natural metasilicic acid in water and use of activating production process creates a sustainable conservation of water bio-energetic potential. Add to it a special quantum aqueous para-water concentrate (Bioactive para-water matrix) allows you to restore the state of the basal cell metabolism, providing treatment of metabolic diseases of etiology and active longevity.</p>
Types of products	
	<p>Natural drinking water "Tinowa Energy" with the content of metasilicic acid and activation in the process of water storage in the container of the manufacturer.</p>
	<p>Natural drinking water "Tinowa Matrix" with the content of metasilicic acid and water enriched with para-isomers.</p>

The purpose of the project
Organization of production on the territory of Russia of bioenergy active drinking water from the waters of ascending underground sources with its physical activation and formatting of water with para-isomers based on the laws of the new science "Biophysics of Water" for domestic and export sales. Production of special bottled drinking water that contributes to the prevention and treatment of non-communicable diseases, as well as active longevity. The use of bioenergy active drinking water by the population of the countries will significantly reduce government spending on health care.
Project implementation cost
The total amount of financing of the I stage (25.0 million liters / year) of the project is 8.700 million euros, attracted - 7.20 million euros.
Property rights and privacy
The project is owned by Tinowa Group and Dr. Igor Oberemko & scientific partners are protected by law. The provision of detailed information to financial partners is carried out only on the basis of legal agreements with a company that has the financial capacity to participate in the project.
<i>Millions of people can live without oil, electricity, cars, diamonds, money, gold and even love and sex, but no one is ever without water.</i> Dr. Igor Oberemko – hydrogeologist
Analysis of drinking water production
Current situation
Drinking water producers indicate on their labels only the chemical composition of the water. There is no information on the bioenergy (physical) component of the produced bottled water. The problem of consumption of bioenergy-active drinking water is brought up to date due to global geophysical changes, anthropogenic-technogenic loads, which resulted in a new risk factor for human health and life - electronic deficiency. Their impact is manifested in the growth of non-infectious morbidity, the root cause of which are cellular metabolic disorders caused by the degradation in the body of the phase of associated water that performs regulatory functions. At the same time, this risk factor for health and life is most pronounced in industrialized countries, in regions with a high technogenic load, including the European Union, the USA, China and other countries.
Business objective of the project
Production of bioenergetically active drinking water "Tinowa Energy" and "Tinowa Matrix" from physically active water from underground rising springs in Russia, Slovakia and some other countries. Example: deposits which represent a major source of groundwater discharge from Turonian-Maastrichtian Upper Cretaceous carbonate series rock deposits with a flow rate of more than 665m ³ /d. pH = 7.7. or Upper Paleozoic deposits located at the junction of platforms.
Underground rising springs have been investigated by the Tinowa Group research team. Expeditions and laboratory analyses have identified rare underground springs whose waters have a bioenergetic non-local connection between the source and the bottled drinking water produced. The presence of an optimum content of naturally occurring methacrylonitic acid in the water and the use of a production activation process creates the sustainability of the bioenergetic potential of the water. The addition of a special quantum para-water concentrate (Bioactive para-water matrix) makes it possible to restore

<p>the basal states of cellular metabolism, ensuring the treatment of metabolic etiology diseases and active longevity.</p>
<p>The use of biologically active water "Tinowa Energy" will reduce the cost of medicines for citizens and accelerate the treatment of metabolically determined non-infectious diseases such as diabetes, oncology, systemic osteogenesis disorders, etc. Regular consumption of bioactive drinking water will change the paradigm in the methods of prevention and treatment of human non-communicable diseases, maintaining health and prolonging active life without the use of unsafe bioengineering technologies.</p>
<p>The Tinowa Group has for many years conducted expeditions to find and explore rare underground rising springs located in bio-energetic regions of the planet. The project envisages the construction of a facility for natural water extraction from places of underground water emanation, associated with deep processes in the Earth's strata. Source water treatment and physical activation are carried out without using destructive technologies on water. This is a prerequisite for the technology of maintaining the planetary bioenergetic activity of water during its storage and use by the consumer of the products in different countries. Groundwater is bottled in 1.0 litre bottles. The project envisages bottling in PET and glass bottles. It is bottled to produce bioenergetically active drinking water "Tinowa Energy" and special bioactive water "Tinowa Matrix", enriched with para-isomers of water for special preventive and therapeutic purposes.</p>
<p>The initial capacity of the plant: \approx 25,000,000 litres per year. (18,000,000 bottles one-liter drink water "Tinowa Energy" and - 7,000,000 bottles one-liter special water "Tinowa Matrix"). The planned capacity of the project is 250.0 million liters per year.</p>
<p>Research results</p>
<p>According to the value of redox potential, which characterizes the stability of the system of cellular antioxidant protection and the degree of free radical load on cellular structures, the water "Tinowa Energy" can also be classified (both with and without activation) to a medium level, allowing for some acceptable level of cell apoptosis, which causes a decrease in the risk of chronic non-infectious diseases when consuming it for a long time.</p>
<p>In terms of thermodynamic and rheological properties, the drinking water in question, enriched with methacrylonitic acid and subjected to physical activation, belongs to the low activity level, which is due to the features of maintaining its high-energy state, involving a high variability of rearrangement over time of the supramolecular structure of the associated water phase.</p>
<p>According to the structural-physical organization of the associated water phase, "Tinowa Energy" water provides a high degree of hydration of protein and protein-lipid structures in body cells, which allows it to stimulate efficient intracellular electronic transport and transport of intracellular metabolites, as well as to have a stabilizing regulatory effect on the cell cycle. Tinowa Energy" water (activated) is characterized by a more pronounced effect on conformational activity of protein complexes required for enzyme-substrate interaction, on activation of mitochondrial activity (synchronization of oxidative and energy metabolism) and vesicular transport.</p>
<p>Conclusion</p>
<p>According to the results of the study in accordance with the classification of bioenergetical activity, the drinking water of "Tinowa Energy" brand and according to the results of experimental evaluation is classified as a medium level of bioenergetical activity, which ensures the reduction of risks of</p>

chronic non-infectious diseases, increases the adaptive capacity of the body to environmental stress factors, normalizes the physiologically full development and stimulates the creative activity of man.

Technological peculiarities of "Tinowa Matrix" drinking water production contribute to maintaining a non-equilibrium structural-physical state in water based on the establishment of a non-local (in space) quantum interaction with the activating process during water production.

Technology	The project uses special mobile water bottling technologies from European manufacturers with activation segments. The manufacture of special technological equipment is carried out by technical companies under the management of the authors of the project.
Patent and copyright	Patent and copyright held by the Tinowa Group, Dr. Igor Oberemko and partners.
Licenses	Licenses for the right to produce active waters will be sold.
Intellectual Property of the Project	The project was developed over a period of eight years with research and development funding from the Tinowa Group, with research and project preparation costs of EUR 1.470 million.

Marketing Plan

Water supply of the project with water sources	The total operational reserves of renewable fresh water from ascending underground sources are estimated at more than 3,000 cubic meters per day, taking into account the location in bioactive zones. I stage. 2022 - 2023 <ol style="list-style-type: none">1. Mobile new generation PET preform plant for water bottling with a capacity of 18,000 mil. liter bottles per year.2. Technological line for bottling glass - with a capacity of 7,000 million liter bottles per year.
Planned production (capacities to be commissioned)	<ol style="list-style-type: none">I. Production and sale of Tinowa Energy drinking water in the amount of 18.0 mil. PET bottles per year.II. Production and sale of bioenergy drinking water "Tinowa Matrix" - the volume of 7.0 mil. per year in glass liter bottles. II stage – 2024 – 2025 <p>Expansion of production and sales of 250.0 mil. liters per year. The planned net income will be within €30.00 mil. per year.</p>

Main sales target market

The drinking water trend in the world is happening in silence from political debates about oil, wars, etc. In Russia, drinking water from wells is transported in tank trucks and then bottled at various factories; Spain transports fresh water from Russia in railway tanks and bottles it; China is in dire need of drinking water and wants to get access to water from Altai; in India there is also a huge drinking water problem especially the problem with quality bottled water and so in most countries - all this clearly points to the growing problem in the world with bottled drinking water. The global market for bottled drinking water is one of the fastest growing today, with an annual growth of 15-20%. Many countries do not have reserves of high-quality fresh drinking water, including the countries of the European Union, due to the anthropogenic impact on groundwater in Europe. High-quality active water should be understood as water that has a physical component, and not the inert one that is commercially available, as well as water

used when taking a shower or bath. Inert water forms many diseases in our body, since it does not have a physical component. Bioenergy water has a **non-local effect** and connects our body with the lithosphere, providing energy to our cells. People, when buying and consuming water, do not think about the consequences for their health, because they do not appear immediately, and they simply have no choice. The administrations of many countries do not solve the problem of providing their population with active water.

Tinowa Group, using advanced European technologies and its own innovations in quantum biophysics of water, has developed a turnkey enterprise for the production and bottling of bioactive drinking water using ascending underground sources. The products of enterprises are fully provided with sales, both within Russia and export to different countries. In projects at the initial stage, for quick implementation, **mobile plants with container production lines for bottled bottling of bioactive drinking water using new generation PET preforms and special mobile production lines for filling premium drinking water into glass are used.**

The Tinowa Group's project of an underground rising water bottling plant based on container drinking water bottling technology makes it possible to effectively use modular plants in a short time and organize domestic sales and exports of products.

The innovativeness of the Tinowa Group project lies in the following: (1) the ability to create water bottling enterprises in complex geographic areas where underground bioenergy sources are located; (2) low cost of the project and fast return on investment, (3) obtaining bioenergy drinking water; (4) turnkey project execution and operation management; (5) organization of product export. Underground sources, based on expeditions, with unique active groundwater are located in areas known only to the company.

The filling technology has full production automation and does not require large personnel, it complies with SanPiN standards.

The modular plant for container bottling and bottling of drinking water has passed certification and research in Russia. Registration number of the declaration of conformity: EAEU No. RU Д-DE.MO10.B.03383 dated November 28, 2017.

Brief economics of the project: the total amount of turnkey costs is in the range of 7.0 - 8.0 million euros, depending on the capacity of the project and the location of the enterprise. An export credit will be provided from the country of export of products for 70% of the total project amount for a period of five to seven years. The loan rate fluctuates within 3.5% and depends on the guarantee collateral, which is determined during project financing.

Standard version of the project (enlarged calculation)

Performance of a modular bioactive drinking water bottling plant with special installations.

mil. €		Attracted financing for the costs of building a production complex
1	0,100	Organizational costs
2	0,200 0,300	Costs associated with the registration (re-registration) of the lease of the territory for the main building of the enterprise with the right to buy out the territory after construction. Territories around sources for sanitary protection.
3	0,100 0,400	The costs associated with the registration of the lease of underground sources.

4	0,200	0,600	Costs associated with obtaining a license for the right to operate underground sources.
5	0,050	0,650	Costs associated with obtaining (development) of initial data and special technical conditions for the preparation of project documentation, carrying out the necessary approvals for design solutions.
6	0,250	0,900	Costs associated with the purchase of a building to accommodate the company, for the accommodation of employees at the place of establishment of the enterprise, the installation of temporary structures on the territory for production in order to accommodate material resources and equipment.
7	0,100	1,000	design and permit documentation, work licenses.
	1,000		The initial stage of the construction of the enterprise
8	0,100	1,100	preparatory construction work on the territory of the enterprise for the placement of construction objects.
9	0,600	1,700	construction of communication from the highway to the object - 5 km.
10	0,100	1,800	gasification of the facility - 5 km.
11	0,200	2,000	external power networks, internal engineering supply of facilities with electricity, sewerage, communications, security and video surveillance systems.
	1,000		The preparatory stage of the construction of enterprise facilities.
12	0,600	2,600	construction of a modular production building measuring 100m x 24m x 4.5m = 2400 m ² (10.800 m ³) on a turnkey basis with complete engineering equipment.
13	1,800	4,400	Import - container processing equipment and technical line for bottling water in PET - preforms with a capacity of 9.000.000 x 2 - 18.000.000 bottles of 1.0l per shift. PET preforms, caps, labels.
14	0,600	5,000	Import - technological equipment and technical lines for filling water into glass with a capacity of 7,000,000 bottles of 1.0 liters.
15	0,200	5,200	scientific express laboratory with technical laboratory equipment and apparatus - 400 m ² .
16	0,150	5,350	construction of a modular administrative building with technical equipment - 300 m ² .
17	0,200	5,550	logistics transport in Russia (1 fura) and 3 cars and mechanisms
18	0,200	5,750	additional technical equipment and equipment.
19	0,600	6,350	taxes. Technical line without import tax + only 20% VAT
20	0,200	6,550	residential buildings for staff - 3 houses with an area of 200 m ² one house.
21	0,100	6,650	water well, fire-fighting equipment and tanks.
22	0,100	6,750	treatment facilities of the facility.
	4,750		Construction of enterprise facilities.
23	0,150	6,900	Permits and legal documentation, certificates, specifications and organizational work. Marketing. Advertising.
24	0,300	7,200	Reserve financial resources
	7,200		The total cost of setting up a plant for the production and bottling of bottled drinking water.

Block-scheme of production with modular technology:

1. Captures of each source - special biophysical devices for intake with activation of water ascending from an underground source (excess water from the source is discharged into the stream);
2. Modular building for placement of technologies and products - ± 2400 m²;
3. Container production lines - two for bottling water in PET - preforms - and two automatic lines for bottling into glass with a volume of 1,00 liters.

4. Turnover warehouse of products in a modular building.
5. Engineering equipment, laboratory.

Planned personnel				
	Positions	amount	€Salary/ a person	€Salary/ month
Management group		6		8.700
1	Director	1	2.500	2.000
2	Chief technologist	1	2.000	1.500
3	Office Manager	1	1.500	1.500
4	Chief Accountant	1	1.500	1.200
5	Lawyer	1	1.000	1.000
6	Programmer	1	1.000	1.500
Production group		11		11.600
7	Technologist - shift leader	2	1.200	2.400
8	Operator - adjuster	2	1.000	2.000
9	shift technician	2	1.000	2.000
10	Warehouse Manager	1	1.200	1.200
11	warehouse operator	2	1.000	2.000
12	workers	2	1.000	2.000
Trade group		11		12.100
13	Head of Marketing	1	1.500	1.500
14	Sales Managers	2	1.200	2.400
15	Purchasing manager	1	1.200	1.200
16	forwarder - driver	4	1.000	4.000
17	Driver - operator	3	1.000	3.000
Financial group		2		2.000
18	Product Accountant	1	1.000	1.000
19	Personnel accountant - cash desk	1	1.000	1.000
Security Service		7		7.000
20	Head of Security	1	1.500	1.000
21	guards	6	1.000	6.000
Laboratory		3		5.000
22	Head of laboratory physicist	1	2.000	2.000
23	Chemist - physicist technologist	1	1.500	1.500
24	Engineer - laboratory assistant	1	1.500	1.500
Support personnel		7		5.400
25	Advertising Specialist	1	1.000	1.000
26	Service staff	3	800	2.400
27	Sales agents	2	1.000	2.000
	Total	47		51.800
	Staff payroll including all taxes - 43%			74.074
	Annual salary fund including taxes.			€888.888
	Planned salary fund in the project including taxes			€900.000

Main operating costs for production		
1	Staff	€900.000
2	PET preforms (18.000.000 x €0.06) + 10%	€1.188.000

3	Glass bottles 1 liter (7.000.000 x €0.25) + 10%	€1.925.000
4	Label costs (25.000.000 x €0.03) + 10%	€825.000
5	Pallets (31.250) x €4.00 + 10%	€137.500
6	Packaging shrink film 104€ x 500	€52.000
7	Additional expenses	€300.000
		€5.327.500
7	El/energy 1 kW/h – €0.08 x 100 kW/h x 24 x 365	€80.000
8	Natural gas – 1000 m ³ /€65.08 x 5000 m ³ /year	€325.000
9	Transport costs	€160.000
10	Advertising and IT advertising	€70.000
11	Participation in exhibitions and conferences - 4 times a year	€80.000
12	Scientific and medical research and reports	€110.000
		€825.000
		€6.152.500
	Annual operating costs with K-10%	€6.767.750
	Average cost of 1 PET bottle - €0.20	
	Average cost of 1 glass bottle 1 liter - €0.37	

Motion monetary funds

	«Tinowa Energy» drinking water production costs 18.000.000 PET bottles 1 liter x €0.25 = €4.500.000.
Total Operating Costs	Costs for the production of special drink water «Tinowa Matrix» in glass 1 liter 7.000.000 bottles x €0.40 = €2.800.000. The total cost will be €7.300.000.
	Income from the sale of «Tinowa Energy» drinking water in 1 liter PET bottles 18.000.000 bottles x €0.45 = €8.100.000,-.
Income from the sale of water products	Income from the sale of special water «Tinowa Matrix» in glass 1 liter 7.000.000 bottles x €0.70 = €4.900.000,-. Total income from the sale of water products €13.000.000,- With a risk ratio of 85%, the total return will be €11.050.000.
The annual income will be	€11.050.000, - €6.767.750, = €4.282.250

Income from the sale of water products

€4.282.250/ год

Natural Resource Tax - Water	€174.400	1 м ³ – €6,20	€4.107.850
Plant property tax from the cost of fixed assets	€70.400	2,2% год	€4.037.450
Foreign companies are exempt from tax for 5 years.			
Land tax	€15.400	€831,20 – 1 га	€4.022.050
Land lease	€43.400		€3.978.650
Transport tax	€4.700	€0,63/1 л.с.	€3.973.950
Income subject to taxation	€3.973.950		
Income tax	20%		€3.179.160
Foreign companies investing in production are exempt from tax for 5 years and pay 50% in the next 5 years.			
Loan repayment 5 years - €7,2 min. x 3% = 0,216 x 5 = 1,080 + 7,20 = €8,280 mil.	1.656.000		€1.523.160
7,2 : 5 = 1,440/year + %0,216/year =			
1,656 mil/year			

The annual return on the production of 25.000.000 bottles per year with direct investment is €3.179.160 with an investment of €7.200.000, the maturity of direct investment after the start of production will be 2 years 2 months.

The annual yield in the production of 25.000.000 bottles per year with credit resources is €1.523.160 with an investment of €7.200.000, the maturity after the start of production will be 4 years 8 months.

The period of construction of the enterprise from the beginning of financing according to the schedule will be 14-16 months.

Send proposals for participation in the project to: main@bioactivwater.com

Information about bioactive water on the scientific portal www.bioactivwater.com and about the project on the site www.tinowa.com

“We drink 80% of diseases with water” (Louis Pasteur). The remaining 20% a person acquires from his own carelessness in taking care of his drinking water, which he drinks and uses! (Dr. Igor Oberemko)

Bioenergetic active waters "**Tinowa Energy**" and "**Tinowa Matrix**", when used as drinking water, provide the transition of the body to a new higher energy level. Effectively contributes to the prevention and protection against a number of metabolically conditioned diseases:

- decreased blood sugar levels in patients with diabetes mellitus;
- normalization of peripheral blood circulation;
- normalization of the level of uric acid;
- restoration of liver function in hepatic disorders;
- normalization of the functions of the gastrointestinal tract;
- overgrowth of gastroduodenal ulcers and prevention of their recurrence;
- normalization of blood pressure in hypertension and hypotension;
- removal or reduction of symptoms in allergic diseases such as asthma, urticaria, rhinitis and atopic dermatitis;
- faster improvement of the postoperative condition of operable patients;
- increase in the level of bilirubin in the blood serum of newborns;
- stimulated hormonal activation of osteoblasts, leading to the intensification of reparative processes and the normalization of osteogenesis.
- increase the protective functions of the immune system;
- normalization of the nervous system under stressful loads.

Dear colleagues and investors! Quantum technologies for the production and consumption of bioenergy-active drinking water, prompted by Nature itself and science - Quantum biophysics of water is the essence of the real transformation of a person and the improvement of his bodily nature in an interdependent world, limited by the possibilities of the planet's biosphere.

Bioactive water is electrically non-equilibrium water with unstable anion-radical forms of active oxygen as electron carriers, the decay of which ensures the influx of excess electrons to the cellular receptors of a living organism and the maintenance of electrical unevenness in cells and organ structures, which is necessary for the stable functioning of macroscopic quantum oscillators, controlling cellular processes.

Quantum technologies of water biophysics, based on the laws of non-local interaction, will allow, based on the unique sources discovered and studied by us, to create a sustainable commercial direction in the production and sale of bioactive bottled drinking water. This will provide preventive protection to the health of that part of the world's population that will buy and consume our bioactive bottled drinking water. *Everyone chooses what to drink, and therefore how to live! The person is that what water he drinks!*

Our company and its scientists have developed the startup program for the implementation of bioactive bottled drinking water projects. We invite you to dialogue and business meetings with

your opportunities to invest in the joint implementation of the project and the desire to receive a high stable income. Conditions of instability in the world do not affect the production of high quality drinking water. Water is Water, and not one banknote or gold cannot replace it!

Best regards, **Dr. Igor Oberemko**

