

Tóth Árpád
Administrator
Orvell LTD
Cluster member:
Regional Balneological Tourism Cluster.

Concept:

AQUA TELLURIS – ORVELL SRL

Malnaş Aqua Telluris is a therapeutic mineral water that comes from the Maria artesian spring in Malnaş-Băi. Malnaş Aqua Telluris is a water extremely rich in salts and minerals. The latest clinical studies have shown that due to its alkalizing property, it can be successfully used in the prevention and treatment of gastric acidity and pain, chronic gastroduodenitis, biliary dyskinesia, chronic cholecystitis, Helicobacter pylori infection. Therapeutic water also lowers blood sugar, cholesterol, and triglycerides. The Malnaş Aqua Telluris brand is currently owned by the Orvell company. 4460 BC The ancestors from Malnaş-Băi.

The Maria spring was rehabilitated using the old method with ceramic pipe and clay sealing. Finally having a name of its own and keeping its healing qualities unaltered, Malnaş Aqua Telluris was launched on the market in a new format and commensurate with its reputation.

"In 2008, we stopped the production of one-liter bottles. I did tests for a year on cells and sixty patients. During this time, we also researched the packaging and produced a packaging that is exactly how we discovered the source. There was an intact ceramic tube. I found this material in Western Europe and with some improvements I found the optimal packaging. Thus, the water is bottled exactly as it comes from the spring. Water can be ordered online and can be found at treatment clinics, spas. Anyone can order a bottle or treatment. The first lasts a maximum of one week, and at most a maximum of one month ", said Arpad Toth, the company's manager.

According to him, water contains potassium, sodium, calcium, iron and magnesium, and doctors recommend it for treating or ameliorating

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gastrointestinal diseases, heartburn, or bile problems. It is said to be good for other health problems, because it reduces cholesterol levels, regulates blood sugar, pH levels, maintains constant body weight, cleanses the body of toxins, and strengthens the immune system.



Butyka Judit
Administrator
Authentiq Space LTD
Cluster member: PRO WOOD Regional Wood
Industry Cluster

Concept: ECOLOGICAL SOLID WOOD FURNITURE

Only natural materials, colours, and textures!

The individual design options will turn the house into a place full of inspiration. Individually designed and customized according to the customer's wishes, each piece of furniture is unique.


Sophisticated and flexible!

Our furniture is also special because it is very durable. We have noticed that the new assembly solutions, widely used today in the furniture industry, do not offer a decent resistance. That's why we went back in time and adopted traditional construction solutions, the ones used by our grandparents and great-grandparents, such as the dovetail assembly.

Execution takes longer, but it's worth it!



butyka.bogi@gmail.com



Our pure solid wood furniture is finished exclusively with ecological material based on water and natural oils, which makes it possible to create a healthy environment without harmful substances. The wood supports the healthy climate in the house, its warm appearance gives safety and comfort.

Aesthetics and innovation are our tools in inspiring more people to follow a sustainable way of life.

WOOD
PROD

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Enikő, Szőcs
CEO
Change Center
Agrofood Regional Innovative Cluster

Concept: Change Center is a 1-year-old Start-up, which deals with the health-related lifestyle problems from a scientific view. We approach the sport-physical activities, stress and nutrition in common ground and interconnected. Taking in consideration the biological, biochemical, multi-regional and personal differences between the individuals, we assess, analyse, and personalize their lifestyle activities in long term, in order to find and maintain the perfect and sustainable lifestyle plan for their health. Our Lifestyle Center was build up on a unique concept, not just from the functional fitness gym point of view, but also from the trainings and professional mensuration possibilities. The Change program, which has already internationally success, offers a full coverage of all the elements of the way of living, including medical concepts, elements, and markers. Our programs help individuals to develop a healthy body composition, optimal hydration system, sustainable insulin response, proper cardio-vascular function, optimal visceral fat levels, appropriate skeletal muscle mass, cortisol functions. Everybody can make a change in their lifestyle, but the way is much more important for the health. This is what we work for.



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www.mychangecenter.com



#Bioinnovator&Bioeconomie&Nutriție



Optimised biochemical functions for everyday life

Personalised approach of lifestyle activities in order to avoid and control the development of chronic diseases



A BIOECONOMY action

Szőcs Enikő, CEO

www.mychangecenter.com



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Biomass NRG Consulting LTD
Tihamér SEBESTYÉN,
Ph.D. Researcher
Member of: Green Energy Innovative Biomass
Cluster

Concept: Sustainable Energy Communities

- developing the concept of energy sustainable communities by involving local actors in the establishment of the value chain in the field of production and use of renewable energies locally in rural areas
- developing cooperation between entrepreneurs in the field of bioresources, renewable energies
- technical support in exploring business opportunities in the circular economy and energy sector
- training and informing cluster members on identifying and accessing support and funding programs



Biomass NRG Consulting
S U C C E S S



GREEN ENERGY
Romanian Innovative Biomass
CLUSTER



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GREEN ENERGY
Romanian Innovative Biomass
CLUSTER

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A circular inset image showing a man with glasses and a mustache, wearing a dark suit and a red tie, speaking into a microphone.

Manole Silviu
Wega Invest SRL
Member of the Regional Cluster
of Products and Food Industry -
AGROFOOD

Concept:

FIBRO+

Europe's first gluten-free fibres enriched natural mineral water for the disease of the century – the gluten intolerance. Soft drink resulted from the combination of bio chicory roots with mineral water from Vâlcele, central Romania.

- Romanian local product (Vâlcele, Covasna County), developed by Wega Invest Ltd in collaboration with IBA Bucharest (National Institute of Research and Development for Food Bioresources)
- Speeds up the metabolism
- Contributes to a lower level of:
 - Triglycerides
 - Cholesterol
 - Blood sugar

By the cooperation of Wega Invest LTD and IBA Bucharest (National Institute of Research and Development for Food Bioresources), both members of the Agrofood Regional Innovative Cluster, developed together Europe's first gluten-free fibres (from chicory roots) enriched natural mineral water. This beverage is recommended for people suffering from gluten intolerance, as well as for those who adopted a healthy lifestyle, pointing out that the mineral water with fibres helps lower triglycerides, cholesterol, blood sugar level and speeds up intestinal transit. Furthermore, it is an excellent remedy for stress, or patients suffering from ulcer or osteoporosis.



The project was developed in the Centre Region, Covasna County, Vâlcele, a famous balneological city, while some of the analysis was implemented in Bucharest, the capital of Romania,. The product can be easily measured, and the complex documentation was prepared for the patent certification, which is still in progress. The mineral water with fibres, at the moment, is being sold only in Sfântu Gheorghe (central Romania) in small quantities, and new funds are expected to build a new production facility and increase sales.

The main strategy of the company was first to get the patent and then develop the new production line. Now the company focuses on the production of another new added value healthy product, for the sustainability of the company, but the fibre-enriched mineral water is still one of the main priorities.




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EUROPE`S FIRST GLUTEN-FREE FIBRES ENRICHED MINERAL WATER

- Speeds up the metabolism
- Contributes to a lower level of:
 - Triglycerides
 - Cholesterol
 - Blood sugar





A portrait of BAGOLY Miklós - Levente, a man with glasses and a mustache, wearing a blue shirt and a grey jacket, standing in front of a wooden door.

BAGOLY Miklós - Levente
Administrator
Mondoimpex LTD
Cluster member: PRO WOOD Regional Wood
Industry Cluster

Concept:

Mondoimpex produces acacia garden furniture. The peculiarity of this species is the resistance. Acacia comes from America, grows quickly and evenly, reaching even 30 m.

Acacia furniture fits perfectly in the garden as it is not affected by the vagaries of the weather - it can be left outside in winter.

"We are so confident in our products that we offer a 10-year warranty for outdoor use throughout the year." – BAGOLY Miklós-Levente



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Mondoimpex Srl
bamil@mondoimpex.ro



WOOD

Mobilier de grădină din lemn
de salcâm
- rezistență, garanție 10 ani!



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Gáspor Edina
Administrator
Re-Text Studio LTD
Cluster member: Transylvania
Textile & Fashion Cluster

Product: Bathroom towel set with two sides

The product is manufactured of natural materials, respectively linen and cotton. One part of the towel is manufactured of cotton, and the other part of a mixture of linen and cotton.

The innovative character of the product consists precisely in the combination of the two natural fabrics and in the way of using it. The use of this towel helps to maintain healthy skin of the human body.



How do we use it?

Step 1: after a cold shower or with lukewarm water, use the cotton part of the towel, which is exceptionally soft and fluffy, with which the skin is lightly covered.

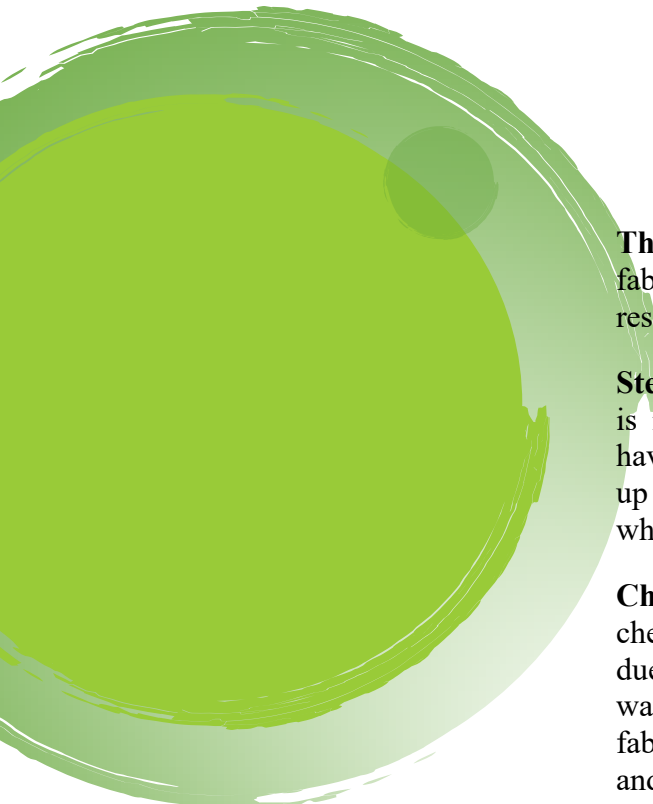


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A large, abstract green brushstroke graphic on the left side of the page, consisting of several overlapping circles and strokes in various shades of green.

The characteristics of the cotton: it is a natural, soft, hygroscopic fabric, the degree of absorption reaching 20% of its mass, it is a resistant material both dry and wet.

Step 2: gently wipe the body with the other side of the towel, which is manufactured from a mixture of linen and bbc, this texture having a much higher degree of absorption than bbc (it can absorb up to 150% of its weight in water) , has exfoliating properties, which can replace scrub products for face and body.

Characteristics of linen fabric: it is a natural fabric, without chemicals with a high degree of water absorption, it dries quickly due to the insulating fibers, flax fibers receive and easily give off water vapor. The colour of the linen gives a special look to the fabrics, it is processed in the natural colour, resulting in a comfort and a valuable aesthetic aspect. From ancient times the linen fabric is known as a hypoallergenic, natural, antifungal, moisture-absorbent, durable, resistant fabric that contributes to the health of the human body.



BAKO ZOLTAN
MEOTIS SRL
Member of the Regional Cluster
of Products and Food Industry - AGROFOOD

Concept:

REVOLVE – high protein level drink from whey - a solution for milk waste management in the dairy industry

- Romanian local product (Ilieni, Covasna County), developed by Meotis LTD in collaboration with ICECHIM – (National Institute of Research-Development for Chemistry, Bucharest)
- Rich in amino acids – the source of energy for athletes
- Ensures support for the liver and digestive system
- Increases the volume of muscles

The main protein of whey, beta-lactalbumin (whey protein), has a role in the transport of vitamin A. Through the content of branched amino acids (leucine) whey stimulates protein synthesis with a role in increasing muscle mass and cysteine content influences the increase in glutathione, which is an antioxidant. Whey amino acids are a real source of energy for those who do prolonged physical exertion. Whey protein forces the liver to synthesize bile acids, thus consuming liver cholesterol reserves.

Meotis LTD has struggled with the main and biggest problem of the dairy sector, the remarkably high protein content waste fluid, which on one hand may be very harmful to the environment, but also contains the high-value part of the milk. The developed beverage is recommended for the sportsman, as well as for those who adopted a healthy lifestyle, pointing out that the high protein level helps improving health by as dietary supplements, specifically marketed to those involved in bodybuilding, weightlifting and athletics. Whey protein contains high levels of all the essential amino acids and branched-chain amino acids. It also has the highest content of the amino acid cysteine, which aids in the biosynthesis



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of glutathione. For athletes whey protein provides amino acids used to aid in muscle recovery. Whey protein is derived from the process of making cheese from milk. The product, at the moment, is being sold only in Sfântu Gheorghe (central Romania) in small quantities, and new funds are expected to build a new production facility and increase sales.



Energia • Vitalitás
Revolve
Üditő

Protein, Ásványok, Vitaminok, Aminosavak, természetes forrása

MEOTIS

Revolve

www.meotis.ro

A savó élettani hatás, támogatja a máj és a. emésztőrendszer működését segít az **izomtömeg növelésében** telítettség érzetét kelti, ezáltal segítve a diéta betartását a savófehérje gazdag elágazó láncú **aminosavakban**, például leucinban, ezért fontos **energiaforrás** a sportolók számára cisztein tartalma folytán növeli a glutation (**antioxidáns**) mennyiségét az epesztézis fokozásával csökken a máj koleszterol szintje.

Kemény vagy?... Revolve az italod!

A termék fejlesztése a Meotis Kft és a bukaresti ICECHIM kutatóintézet közös munkája Gyártja: a Meotis Kft tejfeldolgozó Ilyefalván, saját szabadalom



CZINE Zsolt-Attila
Administrator
SPIRAL LTD
Cluster member: PROWOOD



Concept:

Production of **twisted spiral elements**, made of natural raw material: hardwood.

Our products are based on beech wood, but we also process other types of species to order. The raw material is selected immediately after cutting so that only the best quality reaches production.

Most products are handmade, so not the slightest mistake goes unnoticed by our hands. Thus, we can guarantee high quality products with unique shapes, considering their aesthetics and functionality.

We started from the stairs, and it remained a constant element of our product range, having as a central structural element the double, triple, quadruple twisted column. But such an element of interior insistently requires a decor, furniture in the appropriate style.

Thus, one by one we designed and made different complementary pieces of furniture such as hangers, floor lamps, lamps, mirrors, coffee tables, stools, chairs, desks, bookcases, kitchen furniture, living room and bedrooms according to the beneficiaries' requests.

Based on the feedback of recent years, our customers want to stay in an environment that exudes that atmosphere of timeless luxury, thus keeping the classical shapes of furniture is still a requirement. Luxury furniture is a complex of past, present, and future, of trends, experiences, instinct, art, and foresight. The ideal furniture is beautiful, practical and with good functionality, so, in other words, it is unique. Under the SPIRALWOOD brand we produce unique natural raw materials!



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WWW.SPIRALWOOD.EU

<https://www.facebook.com/spiralwood/>

https://twitter.com/SPIRAL_WOOD

https://www.instagram.com/spiral_wood/



<https://www.houzz.com/projects/czinezs/spiralwood>

https://www.youtube.com/channel/UCvVOozst1_t1OC2PyLArgRg

https://ro.pinterest.com/spiral_wood/

<https://www.linkedin.com/company/spiralwood>



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Szabó Bernadette
Designer
Cluster member: Transylvania
Textile&Fashion

Concept:

My collection is addressed to women, who are brave enough to express their real personality.

We live in a world, in a society that is too crowded, fast, with which it is difficult to keep up, or sometimes it is even impossible. When I think of my collection, I see creative, optimistic, strong women, full of energy, with the desire to make the world more beautiful, and more interesting, through creative resolutions. In my collection, in each piece, we find familiar details, applied in an unusual way, this aspect being a metaphor of life, which we build as we want, through decomposition and recomposition.

I chose denim, this being a classic material, which can be elegant, sporty. Some parts are recycled, and the surfaces are laser machined.

The collection received the title: Accidentally, inspired by the appearance of denim.

Jeans appeared in an accident in the 18th century, somewhere in France. Several fabric manufacturers in Nimes tried to reproduce the serj, an Italian material, but something else came out. The



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<https://www.facebook.com/dettke.szabo>
<https://www.facebook.com/szabobernadettedesign>



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new material was called 'Sergeant of Nimes'. We now call it Denim.

Every piece contains fragments of denim, laser processed. I use geometric illustrations, and laser cut.

Keywords: society, recycling, upcycling, decomposition, recomposition, laser cut, unusual, creativity, metaphor, illustrations, geometric, rethink.



A circular portrait of Szabó Jenő, a man with a beard and mustache, wearing a black diving suit with "SDRAS DRY-TEC" written on it. The portrait is set against a green background with a circular brushstroke effect.

Szabó Jenő
Diver/ President
Underwater Research Center
Association, Cluster member:
Transylvania Textile & Fashion

Concept:

The main purpose of the Underwater Research Center is to study those systems in nature, which are applicable in the interest of the human species and have the following characteristics:

- M.I.S (MAKE IT SIMPLE): to be applicable by as wide a mass of people as possible, requiring minimal knowledge (education, skill, physical strength)
- The materials used should be waste, recycled materials, at hand, if possible without costs or with minimal costs (used tires, used bottles).
- To be sustainable in the medium and long term, imitating the natural processes (biological, chemical, physical) characteristic of the environment in which they are applied.

Such an application is aquaponic systems that can provide plant and animal food, medicines cultivating medicinal plants, biological filters for water purification, regeneration of plant soils. In Dalnic research projects we use native plant and animal species from the area, which are already part of the natural circuit and are adapted to the local environment..

In these projects the waste from the textile industry is being used as:

- substrate for hydroponic plants,
- environment for the development of microorganisms, which make up different biofilters, both aerob and anaerob
- substrate for natural products (e.g., mobile natural turf)
- substrate for mobile, artificial islets, planted with species capable of treating wastewater through the biotecton layer produced on the surface of submerged parts



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#Bioinovator&Bioeconomie



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Inovație: plaurul artificial

Modular:
transportabil,
interconectabil,
mărimea și forma
se poate adapta
obiectivului
urmărit, extensibil
și ulterior



Construit
din materiale
biodegradabile
(lemn, pânză de
iută, etc.) care se
descompun sau se
absorb pe măsura
autoregenerării
plaurului



Sursa foto: www.blumberg-engineers.com



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Manole Silviu
Director
WEGA INVEST LTD
Cluster member: AGROFOOD

Concept:

BOTTLING OF FERUGINOUS MINERAL WATER UNDER INERT ATMOSPHERE CONTROLLED GAS

The bottling of mineral water with iron content is currently being done through a process of oxidation, decantation, filtration, re-impregnation with carbon dioxide. This classic process consumes lots of energy and mineral water and also leads to the loss of 15.18% of the beneficial minerals in the water.



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The innovative technology I propose is to bottle water under the atmosphere of inert gas. In this way the water remains clear in the bottle intended for the consumer, the bottled water is not molecularly destructured, the minerals in the water are preserved in their entirety, vast amounts of water are not wasted as in the classic process, the European Mineral Water Directive is fully complied with. Romania by GD 1020/2005 which provides in Article 16:

Out natural mineral water has been bottled and packaged in such a way that it does not alter its original qualities.



WEGA INVEST SRL
office@valcele.eu

Concept:

ÎMBUTELIEREA APEI MINERALE FERUGINOASE SUB ATMOSFERA CONTROLATĂ DE GAZ
INERT

Apa minerală naturală se îmbuteliază și se ambalează astfel încât să nu fie permisă modificarea
calităților sale inițiale!

#Bioinnovator&Bioeconomie&Balneologie



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Kristó Kinga

Founder

Mihálc Szende

Founder & Project Manager

WIEB Toys LTD.

Concept:

WIEB TOYS (Wooden Intelligent Eco-friendly Bot),

WIEB Toys is a start-up launched in 2019 that manufactures interactive and educational toys made of environmentally friendly and biodegradable materials using 3D printers.

The founders of WIEB Toys decided in 2016 that there is a need for a toy that facilitates learning through play. They realized that there is a niche in the market as there are no games for those who want to get in touch at the beginner level with this world of programming codes. This is how the idea was created to create the WIEB Intermediate collection, which aims to be a robot toy through simple commands.

The concept has been adapted to all ages resulting in toys for both the little ones (WIEB Basic 18m+) and the older ones (WIEB Intermediate 3+ and WIEB Advanced 9+).

The aim of the business is to show the importance of protecting the nature of future generations through an educational and innovative way, the team is ready to develop different toys according to latest trends and the technology used is adapted to the specifics of the company, continuously considering more energy efficient alternatives.



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WIEB TOYS Srl (Wooden Intelligent Eco-friendly Bot)

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Scopul afacerii este acela de a arăta importanța protecției naturii generațiilor viitoare printr-o modalitate educativă și inovativă, echipa este pregătită să dezvolte conform noilor tendințe jucării diferite și tehnologia utilizată este adaptată la specificul firmei, luând în considerare în mod continuu alternativele mai eficiente energetic.

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Raymond Gheorghită
Manager
Wild Homes

FĂCÂND PARTE DIN NATURĂ!

Noi, cei de la Wildhomes, folosim resursele naturale care ne înconjoară luând copacii care au fost aleși pentru a fi tăiați pentru a le oferi un nou scop. Lemnul amestecat cu creativitatea și priceperea muncitorilor locali creează lucrări unice care sunt realizate manual pentru a se potrivi cerințelor și caracterului noilor proprietari. Casele din busteni, cabanele, căsuțele din copac și mobilierul sunt toate realizate cu cel mai mic impact asupra naturii. Dintr-unul dintre cele mai durabile materiale de construcție.



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