

GRANDER® PRESS INFORMATION

GRANDER Wasserbelebungs Gesellschaft m.b.H.

Bergwerksweg 10

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GRANDER® PRESS KIT

THE PURE POWER OF WATER

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GRANDER® AT HOME & FOR HOUSE CONSTRUCTION

GRANDER® IN YOUR DIET

GRANDER® IN THE CATERING & HOTEL INDUSTRY

GRANDER® IN WELLNESS FACILITIES & SPAS

GRANDER® IN AGRICULTURE

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GRANDER® - THE ORIGINAL REVITALIZED WATER

Revitalized water means a better life

GRANDER® water revitalization is based on a natural way of water processing that uses information transfer. Non-contact information exchange is a physical singularity first utilized by Johann Grander in the late 1970s.

GRANDER® was founded in 1979 by Johann Grander (1930–2012), the inventor of water revitalization, and has been registered as an international trademark since 1996. The invention of water revitalization has completely changed the perception of water worldwide. The international Tyrol-based family business managed by Johann Grander employs close to 40 people at its headquarters in Jochberg. Around the world, several hundred people make their living in water revitalization.

GRANDER® water revitalization is used in the following fields: **private homes** (flats, single- and multi-family houses), in the **hospitality & wellness industries** (restaurants, hotels, cafés, swimming pools, spas, yoga and fitness studios, public facilities, etc.) as well as in **trade & industry** (businesses in agriculture, food production, and industry).

The GRANDER® effect: visible and tangible benefits

The fundamental notion of water revitalization is to increase the water's self-cleaning properties and resilience by improving its structure and, in doing so, creating a natural and stable immune system in the water. GRANDER® revitalized water increases the well-being of people, helps protect our biosphere and saves resources and optimizes their use.

GRANDER® revitalized water stands for:

- Enjoyment & good flavor
- Vitality & well-being
- Growth & yield
- Optimization & economization
- Environmental protection & conservation of resources

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Benefits of GRANDER® water revitalization:

- Highly enjoyable drink due to its delicate and full-bodied flavor
- Increased storage life due to changes in the water's microbiological setup
- Luxurious bathing experience through significantly softer water
- Better health of animals, as animal breeders and owners enthusiastically report
- Strong growth of plants and an abundance of flowers
- More intensive taste of food and coffee/tea that is gentle on the stomach
- Less and easier-to-remove lime deposits
- Reduces corrosion
- Cost savings due to reduced use of cleaning agents and chemicals
- Energy savings due to more effective heating
- Does not need electricity, chemicals, or other extras to work
- Returns to the natural cycle in a revitalized and natural way, which helps conserve and protect nature

Water in its purest form from the Copperplate mine as the basis

The journey of GRANDER® revitalized water starts in Jochberg near Kitzbühel, where a spring of extraordinary quality, the Stephanie Spring, emerges in a mine 520 meters below the surface, far away from any external influences. This water is carefully transported to the production site and revitalized in several stages. It forms the base for the information water, which is revitalized to a higher degree to fulfill its function in GRANDER® devices. It is also the raw material for the original GRANDER® Blue Water, which is still bottled at the production site to date.

Johann Grander: Tyrolean inventor of water revitalization and student of nature

Innovative mind Johann Grander was far ahead of his time. He clearly saw groundbreaking causalities, many of which were only understood and appreciated by the scientific community and the public many years later. Throughout his life, he received awards and honors for his accomplishments and lifetime achievements. In 2000, he was the first Austrian to receive the silver medal of honor from the Russian Academy of Natural Sciences, which counts many Nobel Prize winners among its members.

In 2001, Johann Grander was awarded the Austrian Cross of Honor for Science and Art for 'his lifetime achievement, the discovery of water revitalization.'

In 2003, he received an extraordinary token of honor by the Russian Environmental Fund. After performing deep drilling in the Antarctica, scientists were able to collect 2,000-year-old ice – ice that predates the Christian era.

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Only **six people** in the world have so far received this unique present in acknowledgment of their extraordinary achievements:

- Vladimir Putin (then Prime Minister of Russia)
- Leonid Kuchma (President of Ukraine 1994–2005)
- Alexander Lukashenko (President of Belarus since 1994)
- Patriarch Alexy II (Primate of the Russian-Orthodox Church 1990–2008)
- John Paul II (Pope 1978–2005)
- Johann Grander (1930–1912)

In-house research laboratory

Implosions Photonenfeld Forschung und Vertrieb (IPF) GmbH is a company of the GRANDER® Group, which works in **R&D** focusing on questions regarding water. Even though water has been the subject of research for more than 200 years, there is still no comprehensive model to explain water and its properties. IPF cooperates with international institutes, scientists, and universities in its R&D activities. GRANDER® is a member of the research group 'Applied Water Physics' of the Dutch Wetsus water research institute, which is coordinated by Dr. Elmar Fuchs (TU Graz – floating water bridge). This and other projects keep GRANDER® up to date about current findings of water research.

Many well-known international scientists have traveled long distances to Jochberg in Tyrol to talk to Johann Grander, his family, and the research staff. One of them was Professor Eshel Ben-Jacob († 2015), the former president of the Israel Physical Society and one of the most famous physicists in the world. GRANDER® is still in close contact with Dr. Elmar Fuchs of Wetsus and Professor Gerald H. Pollack, professor for Bioengineering at the University of Washington (UW) in Seattle, to this date.

Research proves effectiveness and short payback periods

An empirical study on the effects of GRANDER® revitalized water conducted at the University of Graz showed positive results.

Dr. Stefan Vorbach, professor at the former Institute for Innovation and Environmental Management of the University of Graz, advised Katrin Zunkovic on her thesis titled 'GRANDER® as an example of water revitalization – an empirical survey among industrial users.' For this study, Katrin Zunkovic asked 32 industrial companies in Austria, Germany, and Switzerland about the operation principle, costs, and benefits of GRANDER® water revitalization. She discovered that in the industrial context, GRANDER® water revitalization is mainly used in cooling systems.

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Half of the companies surveyed had one to three years of experience with GRANDER® water revitalization. Forty-six percent of the respondents had worked with GRANDER® for more than four years.

When asked about cost efficiency, 84 percent of the respondents reported that the use of GRANDER® water revitalization had resulted in savings, more specifically:

- Less chemicals, maintenance, and cleaning
- Reduced disposal costs
- Costs savings due to longer service time of the liquids

With regard to cost effectiveness and payback periods, Katrin Zunkovic published the following results:

	Costs	Savings	Payback periods
Mean	EUR 7,006	EUR 10,201	1.8 years
Median	EUR 5,300	EUR 4,200	1.3 years

Scientific proof for increased plant growth due to GRANDER® revitalized water

In 2004, Heidrun Schinagl completed her dissertation on the topic of 'Survey of the effects of plant strengtheners on growth, yield, and quality of horticultural crops' at the former Institute of Horticulture and Viticulture of the University of Natural Resources and Life Sciences, Vienna.

Her research produced compelling evidence: the use of GRANDER® revitalized water resulted in an improved aftercrop and extended storage life of head lettuce. With regard to tomatoes, an increase in yields, an increase in the number of fruits in the 'Extra' quality class (the highest quality class), improved black rot resistance, higher levels of vitamin C as well as no tearing of the skins were reported.

Based on the results of her dissertation, which were published in the magazine 'demeter zeitung,' Dr. Heidrun Schinagl recommends the use of GRANDER® revitalized water when growing tomatoes.

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Facts & figures

- The following companies are part of the GRANDER Group:
 - GRANDER GmbH (technology, production, know-how)
 - GRANDER Wasserbelebung GmbH (sales Austria and Germany)
 - Grander Italia (sales Italy)
 - Grander Export (sales export)
 - IPF GmbH (R&D)
 - Copperplate mine
 - Only active copper mine in Europe
 - Home of the Stephanie Spring, which provides the water used in all GRANDER® products
- Management: Johann Grander, supported by his siblings Johanna Grander, Stephanie Filzer, Heribert Grander
- Revenue: EUR 8 million
- Export ratio: over 75%
- Total size of the Jochberg production site: 6,400 m²
- Products:
 - GRANDER® Inline Units for drinking water
 - GRANDER® Circulation Units for heating and cooling circuits
 - GRANDER® Energy Rods for standing waters, wells, pools, and ponds
 - GRANDER® Blue Water (bottled)
 - GRANDER® accessories like energy boards, penergizers, pendants, sulfate water, drinking glasses, carafes, and drinking bottles
 - GRANDER® Drinking Fountains
 - Sanomag® – interference-elimination and therapeutic device based on natural magnetism
- Business segments:
 - Private homes
 - Hospitality and wellness industries
 - Trade and industry

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A small sample of our satisfied customers

- Hotel Weisses Rössl, St. Wolfgang, AT
- Spanish Riding School, Vienna, AT
- Vienna International Airport, Vienna, AT
- Maschinenfabrik Liezen machine factory, Liezen, AT
- Stiegl brewery, Salzburg, AT
- Hotel Rasmushof Kitzbühel golf resort, Kitzbühel, AT
- Große Kintrup dairy farm, Münster, DE
- Naturkäserei Tegernseeland organic cheesery, Kreuth, DE
- Dentist Dr. Geiger, Waldstetten, DE
- Municipal garden center, Füssen, DE
- Königliche Kristall-Therme Schwangau spa, Schwangau, DE
- wasch:werk laundry services, Sonthofen, DE
- Schloss Elmau luxury spa retreat, Elmau, DE
- Dresdner Christstollen, Dresden, DE
- Memminger Brauerei brewery, Memmingen, DE
- B+H Solutions fertilizer manufacturer, Remshalden, DE
- Thierry Schweitzer organic pig breeder, Alsace, FR
- Weleda, Alsace, FR
- Migros Fitnesspark, Lucerne, CH
- Golfpark Oberkirch, Oberkirch, CH
- Monticello Spa & Fit, Milan, IT
- Spirit Hotel Thermal Spa, Sárvár, HU
- International Hotel and Spa Calgary, Calgary, CA
- Lido Hotel Guangzhou, Guangzhou, CN
- Atrium Athletic Club, Bangkok, TH
- Austrian Embassy in Kuala Lumpur, MY

More examples at www.grander.com

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Images you can use free of charge



Captions (from left to right):

1. Johann Grander (1930–2012): inventor of water revitalization and student of nature ©Werner Krug
2. Manager and family spokesman Johann Grander
3. GRANDER® devices work without chemicals and electricity and do not require maintenance ©defrancesco

Images and logos in print quality (300 dpi) are available free of charge at:

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