

Transdisciplinarity

Water, pure spring water,
that has been attributed with spiritual benefits since antiquity

Water that is an irreplaceable, life-giving
element and shared legacy

Quality

Water, whose quality cannot be
reduced to a simple chemical formula

Right to water

Limited resources

Water that bridges countries and cultures

Virtual water

Culture

Population growth

Water distribution

Mega cities

Food

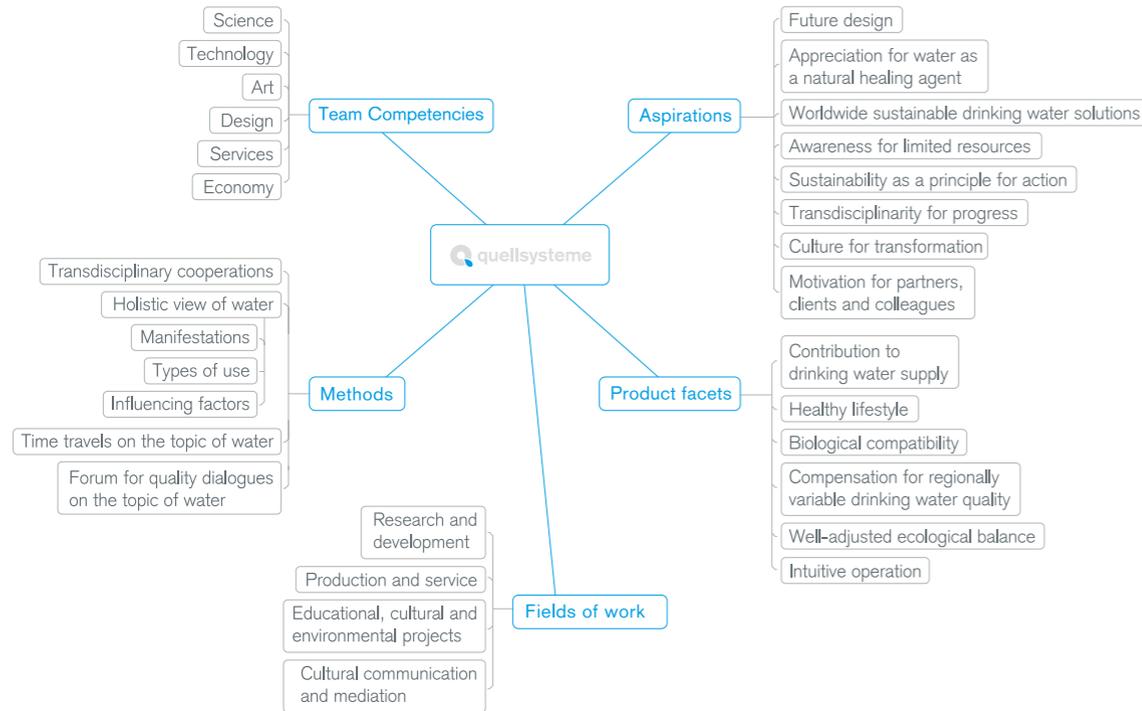
Water shortage



Kurt Johannessen (N), Performance / Overtures; Photographer: Mila Pavan

Lyrics by Augusa Laar

water knows about size water knows about skies
water knows about space water knows about
grace water knows about stones water knows
about bones water knows about dreams water
knows about screams water knows about pleas
water knows about trees water knows about
wars water knows about yours water knows
about gods water knows about squads water
knows about hope water knows about scope
water knows about mud water knows about
blood water knows about rain water knows about
brain water knows about pains water knows
about remains water knows about sleeps water
knows about steeps water knows about cheers
water knows about spheres water knows about
love water knows about above water knows
about highs water knows about thighs water
knows about us water knows about fuss water
knows about stars water knows about scars
water knows about bliss water knows about this



Access to healthy drinking water is a basic right, but also a technical and social challenge. Obviously, clean water cannot be taken for granted considering the regional climatic variations across the world, the potential for climate change or expanding megacities. Drinking water is a scarce resource that is valued differently depending on cultural, economic and social settings.

Drinking water is a valuable resource

Quellsysteme advocates holding drinking water in high social esteem and poses the following fundamental questions:

- Which values need to be redefined, preserved or rediscovered regarding water?
- What change requirements arise from limited resources, climate problems and globalisation?
- What is the latitude for development of transformations and new ideas given in today's economy?
- And what personal responsibility do we assume for our actions, both on a local and international scale?

Ecological and climatic conditions affect the development of any culture. With their social, cultural, economic and psychological effects they delineate the turn of eras. Hence Quellsysteme's aspiration to nurture international and future-oriented ideas to raise awareness for the many facets of the resource water and provide appropriate solutions. These include workshops, discussion forums and campaigns with experts from the domains of science, culture, technology, politics, business and environment. Current knowledge is visualised to prepare the general public for a change in social values and to overcome cognitive dissonance – why don't we act in accordance with what we know!





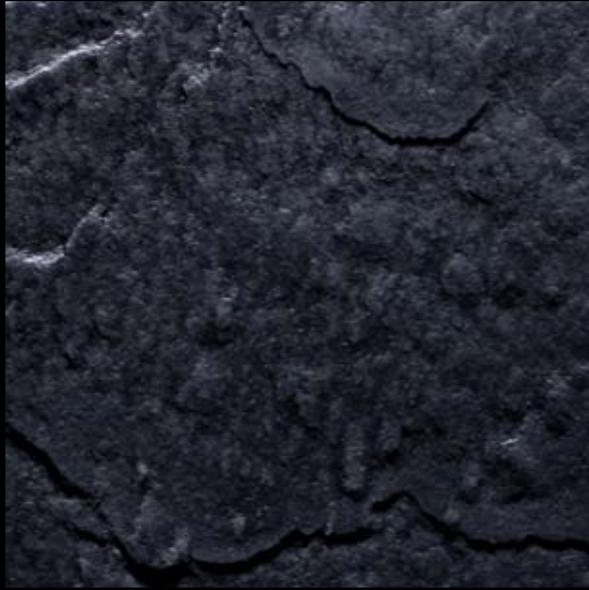
The aspiration

The product quelle 01 (spring 01)

Experts from the domains of technology, biology, medicine, art and design came together to do the daily consumption of water justice. They developed the source system quelle 01 (spring 01) to provide optimal drinking water quality while using local sources. They also seized the opportunity to realise preventive health measures while at the same time avoiding senseless water transports. The product can be deployed worldwide in public areas, enterprises and private households.

What makes quelle 01 (spring 01) so special
quelle 01 (spring 01) provides you with water that is physically and chemically purified, as from a natural spring:

- Energise yourself with purified water
- Healthy drinking water at a fair price
- Purge and cleanse your body
- High-quality local water, permanently available



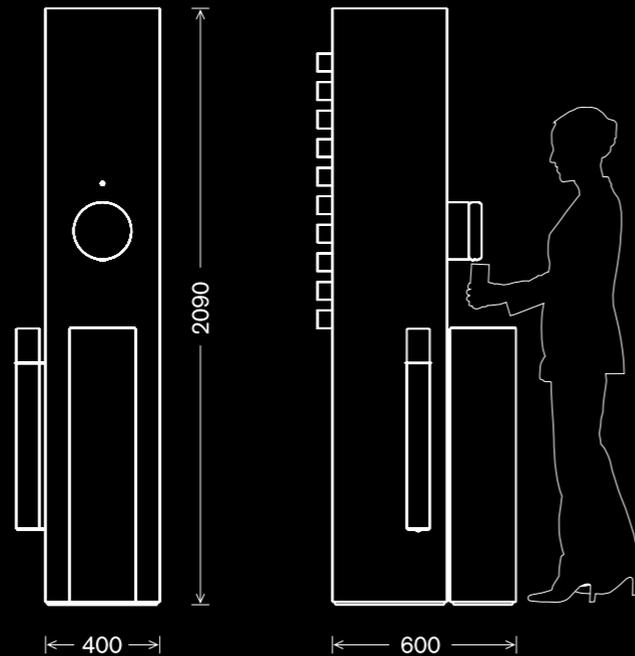
quelle01 (spring01) provides a new quality of tap water, as well as an aesthetic enrichment of its surroundings: A clear, minimalist form, the use of natural materials like glass, pebbles and plants, the cool black slate of the column and the impressively backlit vortex process all testify to the high-quality design. Technology and nature in harmony.

The ambient and contextual communication of the manifold facets of water in selected works by international artists (e.g. sound collages or literature) represent the cultural approach of the transdisciplinary research and development work of Quellsysteme.





30 glasses are stored horizontally on the back side and backlit to great effect.



The form

The base body of quelle01 (spring01) is designed as a column that can be placed free-standing in a room or in front of a wall. A display on the side indicated room and water temperature, filter flow, etc. The other side can be fitted with a vase for flowers, if desired. Disposable cups and glasses are available as options for drinking vessels. The 30 glasses are stored horizontally on the back side and backlit to great effect. Disposable cups are provided in a separate unit that includes a waste bin.

quelle01 (spring01) uses local tap water for obvious reasons.

It avoids:

- Water bottle transport - CO₂ emissions
- Local storage costs
- Bottle rinsing and recycling

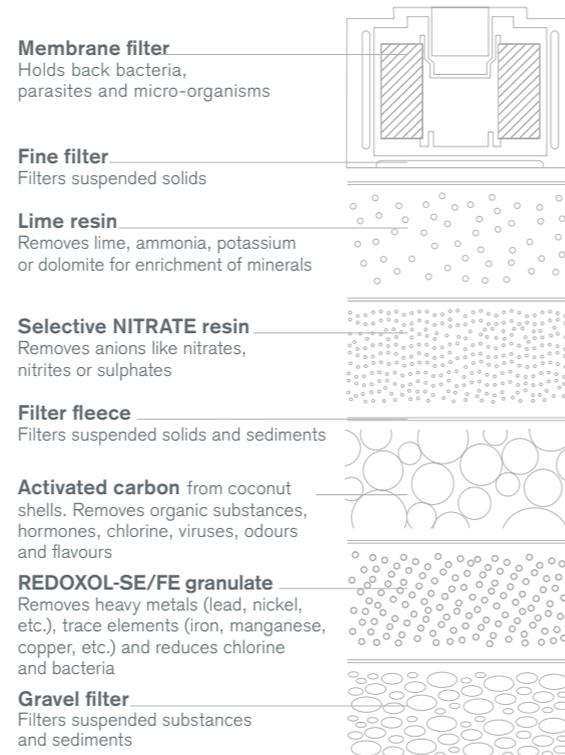
Give your health a treat.

Make your contribution to the environment and the conservation of valuable spring water sources.

The filter

The unique water filter of quelle01 (spring01)

We employ a one-of-a-kind water filter with an integrated and hygiene certified membrane filter (FDA registered) that is fine-tuned to handle all toxins. A combination of various filter media and technologies in over 100 different configurations allows practically all known water pollutants to be thoroughly eliminated. Once the chemical water components have been filtered in various cartridges, the water flows through a specially prepared medical membrane filter that holds back and destroys all bacteria, parasites and micro-organisms. The filter is monitored and replaced as needed. quelle01 (spring01) automatically notifies our central office about a pending filter replacement. As part of the service package, Quellsysteme will come and replace the filter. In this way you will always have a source of chemically and micro-biologically pristine water. Our quality aspirations are also reflected in the choice of materials: All filter media and materials are food-safe. The employed synthetic parts contain no plasticisers, adhesives or solvents.



Laboratory test series

Parameter	Before filtering	After filtering	Unit	Detection limit	Threshold
Nitrate	116	undetectable	mg/l	1	50
Atrazine	1.66	undetectable	mg/l	0,02	0,1
Desethylatrazine	1.37	undetectable	mg/l	0,02	0,1
Simazine	0.84	undetectable	mg/l	0,02	0,1
Metazachlor	1,29	undetectable	mg/l	0,02	0,1
Carbon tetrachloride	2,3	undetectable	mg/l	0,5	3
Tetrachloroethylene	2,3	undetectable	mg/l	0,3	7
Chlorine	0,25	undetectable	mg/l	0,01	0,3
Polio virus	1,56x10 ¹²	undetectable	Partikel	-	0
Radioactive substances	1,11	0,012	Bq/l	-	-

All data is based exclusively on expert reports and test series carried out by independent institutes and regulatory agencies, as well as on extensive practical experience in collaboration with state health authorities:

- Stiftung Warentest
- Bavarian State Ministry of Public Health and Consumer Protection
- State Office of Public Health
- Bavarian State Institute of Trade
- Max von Pettenkofer Institute for Clinical Virology
- Johannes Gutenberg University Mainz



The latest research findings clearly indicate that water quality is first and foremost a result of the way in which individual molecules perpetually realign themselves and cluster together. These clusters can be in harmony and differentiated as they are in fresh, mountain spring water, or unstructured and compressed as they are in bottled or tap water. The former have lost much of their internal order as a result of processing and bottle pressure, and consequently also much of their potency as an elixir of life.

Water is a store of information

Water can store material substances, but also information (electromagnetic waves and frequencies). For example, it is a proven fact that when toxins impart frequencies on the clusters of water, they remain harmful to the human organism even long after the actual toxins have been filtered out and can no longer be chemically detected.

In nature, water purifies itself

Natural water is in perpetual motion. Water in streams and rivers meanders, eddies, bubbles and plummets. According to the nature researcher Viktor Schauberger, turbulent vortices facilitate chemical and physical self-purification of water by breaking apart the clusters, enriching them with atmospheric oxygen and ultimately restructuring them.

The vortex process of quelle01 (spring01)

The water vortex generator in quelle01 (spring01) mimics the water regeneration processes in nature. To break down the rough cluster structures, it produces extremely fast rotating vortices with precisely defined geometric orbits. The water is enriched with oxygen, while gases like carbon dioxide, chlorine, digester gases, etc. evaporate to a certain degree and fine material information is purged. Chemical analysis substantiates that the quality of water from quelle01 (spring01) is significantly superior that of tap water.



We supply you with pure spring water, on site

Our services include:

- Consultation on features
- Drinking water analysis from your municipal water works
- Installation of quelle01 (spring01)
- Maintenance with routine filter replacement

quelle01 (spring01) requires connections for cold water, drainage and electricity.

quelle01 (spring01) can also be equipped with a coin payment function, bar code reader, etc.

Business model

- Consumption-based invoicing
- quelle01 (spring01) is provided as a service package.
- Custom technical features can be invoiced separately or included in the water price.

Living spaces with water

We aspire to propagate the cultural spectrum of water.

To this end we can provide:

- Projects of international artists geared to your personal vision of water, both formally and with regard to content
- including the option for traditional Feng Shui
- Presentations, workshops and cultural PR work on the topic of water for customers, partners and staff

Distribution by our sales partners