

# THE SECRETS OF WATER

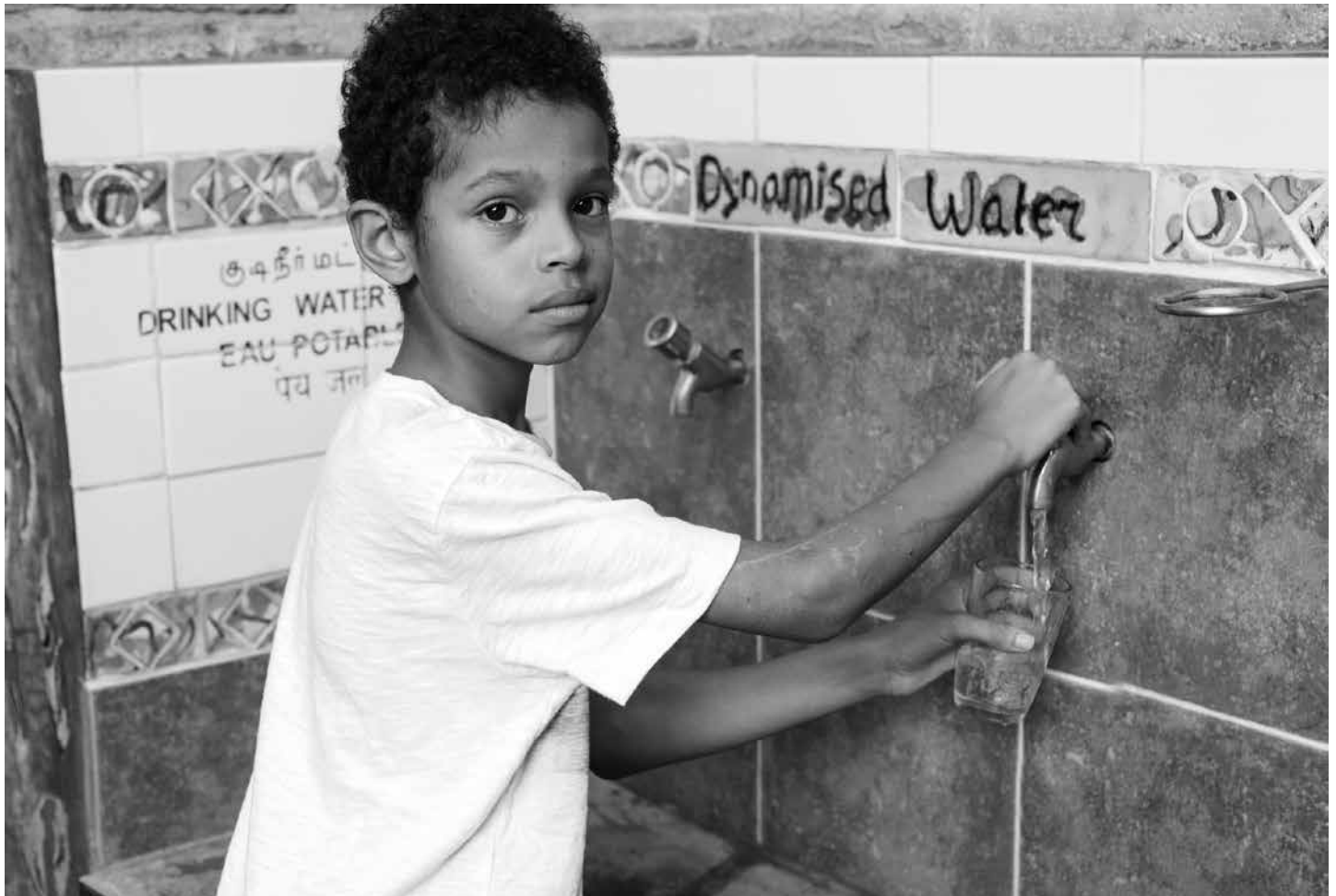
**Aqua Dyn is a small company located in Aspiration near the village of Kuilapalayam. To see the small premises and their somewhat quirky form, you would never guess that here is a place where a serious research is going on: a research on the relationship between water and health.**

**T**HIS RESEARCH HOWEVER is not just pure research: in front of Aqua Dyn, on the other side of the dirt road, villagers crowd around a fountain. The water that comes out of it has this particularity, first – and everyone knows it here, even in the surrounding villages – that it is perfectly purified (a gift from heaven for all those who don't have a water purifier at home). Secondly, not only is this water pure, but – and not everyone may know it – it has other qualities as well.

Aqua Dyn employs about twenty people as well as four Aurovilians. The driving force of the company is Bhagwandas, Aurovilian from the beginning, passionate about exploring the mystery of water. The philosophy that has inspired Aqua Dyn for more than 20 years, is, as we have said, the search for the relationship between water and health. Water is life. This is common knowledge, and this vital element in water is precisely the focus of Aqua Dyn's research: to develop products for giving back drinking water its "living properties" and the same qualities as mountain water.

Water is one of the five basic elements: water, fire, earth, air and ether, which are the components of matter, and of its principle, vital and spiritual. We can therefore say that water is a manifestation of spirit in matter, through life. Bhagwandas likes to quote a beautiful expression of the Hungarian biochemist Albert Szent-Gyorgyi, a Nobel Prize winner in Physiology, who says: "Life is water dancing to the melody of solids".

Everyone knows that water, chemically, is made of two molecules,



one of hydrogen and one of oxygen ( $H_2O$ ). As far as the electromagnetic element is concerned, one speaks of the “hydrogen bonding”, that is to say, of an electromagnetic bond that links the atoms of hydrogen and oxygen. This bond allows the molecule of water, made of two gases, to go from the gaseous state to the liquid state. This process is still very mysterious, although quantum physics – which studies the infinitely small – is exploring it. It is this world of energy and vibration which is the subject of Aqua Dyn’s fundamental research.

“One day, we will have waters of Youth which will allow us to live three hundred years!” says Bhagwandas. “We are only at the beginning of the discovery of the secret of life, and water is a perfect field of research.”

Until now people were mainly concerned about drinking water, that is to say a water that is good to drink, that does not make one sick. But Bhagwandas considered that this was not enough. He wanted to offer revitalised water, what Aqua Dyn calls *dynamised* water, which carries the information of life. Dynamised water helps in improving one’s health and getting one’s immune system strengthened. Purifying the water is a must, but Aqua Dyn technology goes much beyond that: bio-dynamisation and information by “light and sound” restore to water its vital element, much like in thermal

*The public fountain  
of Aqua Dyn at the  
Visitors Centre*

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waters. This is the main innovation of Aqua Dyn. They make “fountains” that purify and bio-energise the water, thus bringing about a deep cellular hydration and the physical well-being of people.

## AQUADYN AND THE SMART CITY

A smart city is a city at the forefront of technology. The Aqua Dyn fountains can be remotely managed via Internet. Their technology (made in Auroville) makes it possible to place sensors on large fountains which control the various components of the machine. So from Auroville itself Aqua Dyn can check if their machine installed in Hyderabad works well. In case of problems, distributors will be notified.

A smart city is a city that preserves the environment; this point is fundamental. Aqua Dyn puts an end to the pollution of plastic water bottles and their transport. People can have glass bottles which they fill at the fountain.

A smart city is an economically viable city. The purchase,



installation and maintenance of the Aqua Dyn fountains, which have a life of at least ten years, drastically reduces the “water” and “health” budget of its inhabitants. This water is much cheaper than bottled water.

A smart city is a city where there is solidarity: since its creation Aqua Dyn has installed fountains in situations of emergency [tsunami, cyclone] or places of extreme poverty in the villages surrounding Auroville. This is the humanitarian branch: “Aqua Dyn for the people”. Already, between the public fountain located by the village of Kulapalayam and the one put at the disposal of visitors at the Auroville Visitors’ Centre, about 30,000 litres per day of purified and energised water are distributed free of cost. The idea is to install more distribution points of this kind. However, Aqua Dyn wants to change its business model and stop supplying everything for free; if a minimum cost is not asked, the service is not appreciated and then it becomes unsustainable.

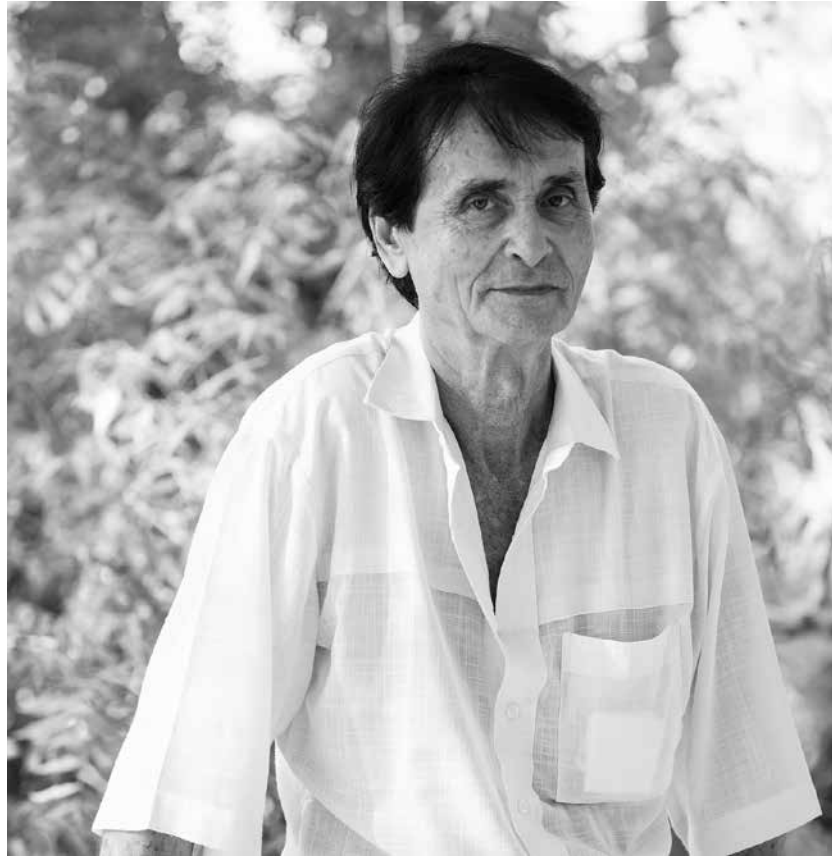
So Aqua Dyn now will continue this work, but in another way. They have entered into partnership with AVAG [Auroville Village Action Group]. This group is familiar with the culture and the way of life of the villagers, and should be able to help Aqua Dyn to set up fountains in the villages with the collaboration of the villagers themselves in such a way that it becomes a self-sufficient project.

A very important point: in the next project which has already started to unfold for a “pilot village”, there will be a medical monitoring. A government doctor will make regular checks on a number of families, and will study the evolution of public health. The aim is to obtain a documented impact study of Aqua Dyn’s action to demonstrate its interest to potential funding sources and accelerate its development.

Indeed, a responsible city is supposed to take care of the health and well-being of its inhabitants: this concern is primordial for Aqua Dyn, who see their activity as part of preventive medicine. In recent years, Aqua Dyn has been in contact with doctors who have observed the therapeutic effects of their water, especially Professor Luc Montagnier, Nobel Prize winner in Medicine 2008. This high-level researcher is now working on “water carrying information” at the level of DNA and viral diseases. His work is, in fact, the continuation of Jacques Benveniste’s research (at INSERM or National Institute of Health and Medical Research, France). Benveniste was the first scientist to discover and work on ‘the memory of water’. Two fountains of Aqua Dyn are installed in Professor Montagnier’s

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**Bhagwandas**



laboratories, and he did a study proving that, with this water, one can detect a decrease in the virulence of chronic diseases, or diseases called “civilisational”, such as AIDS, autism or Lyme disease – important pathologies that pose great problems to current medicine. For the moment, these are only *in vitro* studies on DNA, in the laboratory. The next step will be to do a clinical study.

As is the case with many innovations, Aqua Dyn is experiencing recurring financial difficulties that would have discouraged many people. But Bhagwandas’ unshakeable conviction, his perseverance, have always kept the ship afloat. As he says himself, “Here I have the responsibility to keep faith.”

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Christine Devin