



wai water
alternatives
international



ACCESS TO DRINKING WATER BY RENEWABLE ENERGY

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WAI

is an innovative company which manufactures and installs drinking water production systems operating with solar power. Committed to the sustainable management of the resource, our vocation is to produce high quality water at low cost. Water Alternatives International works in developing countries and provides its solutions to households, local authorities, governments, regional and international bodies and NGOs. qu'aux organisations non-gouvernementales. AQUAITY : our subsidiary in Haiti is solidly anchored in the local economy and society. It has installed and renovated drinking water systems for orphanages, schools, hospitals, churches, UN peacekeepers' camps, etc.

Our skills

Mastering all stages of the water cycle and in-depth knowledge of local water infrastructure

With solutions that are adapted to the specific features of developing countries, Water Alternatives International works in the following fields :

- Construction/installation/maintenance of solar-powered drinking water treatment units,
- Treatment of household and industrial water, drinking water and waste water,
- Desalination of seawater,
- Installation of irrigation pumps,
- Well drilling.



About us

The team comprises professionals who have extensive experience in industry, hydraulic engineering, business coordination and project management. Water Alternatives International pursues an international growth strategy through the development of a strong local presence.



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Thierry ROSSIGNEUX (President) has worked as General Counsel and Secretary-General for industrial groups throughout his career. In these roles he has covered fields as varied as mergers & acquisitions, international contracts, intellectual property, sustainable development and has also gained managerial expertise in a multicultural international environment. In addition, he has excellent knowledge of Africa and the United States where he lived and worked for a number of years.

Nicolas GARCIA (VP Development) worked in the corporate partnerships department and senior management at WWF in France. He was coordinator of the Alliance for the Planet, a grouping of environmental organizations, education and fair trade. He previously worked as a teacher of literature, philosophy and sustainable development on an international program for the French Ministry of Foreign Affairs.



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Vincent ROSSIGNEUX (VP Sales and Administration) worked for 12 years as Humanitarian Organizations Manager in the field of education and health. Notable projects included the construction and operational management of a number of buildings (health center, vocational school, shelter, and a sports and cultural facility). In these positions he gained strong skills in the management of construction budgets and projects in developing countries.



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Patrick SALAMANCA (VP Technical Operations) worked for ten years as technical director in a company specialized in the installation and sale of water treatment systems. He was also involved in setting up a network for the sale of drinking water with over 300 distribution points for communities and households.



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OUR SOLUTIONS

Water Alternatives International provides water treatment and storage systems which meet the specific requirements of households and communities in developing countries. Indeed, all these systems are fully mobile, regardless of their size and production capacity, ranging from 20 to 9,000 gallons/day depending on the solution used.

Our range of water quality solutions

		Mechanical filtration		Solar units					
	Aqua-CERAMIQUE 0.2 µ filtration	Aqua-CARBONE chlorinated water 5µ carbon filter filtration	Aqua-20 chlorinated and micro filtration	Aqua-55 chlorinated and micro filtration	AquaSOL-OSMOSES reverse osmosis and silver injection	AquaSOL-NANO nano filtration and silver injection	AquaSOL-MICRO sediment and carbon filtration and silver injection	Aqua-OSMOSE	Desalination of sea-water
	3 lpm	12 lpm	7 lpm	7 lpm	10/20 lpm	10/30 lpm	10/50 lpm	10/150 lpm	10/150 lpm

Liter per minute

Mechanical energy source

Solar energy source

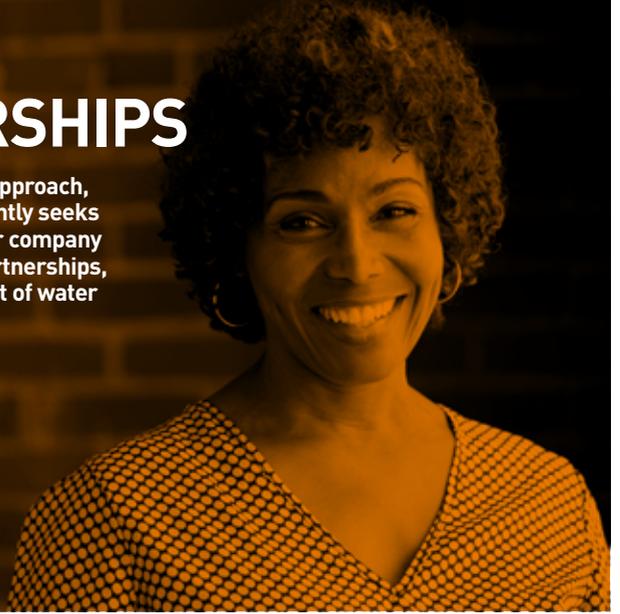
Chemically polluted

Bacteriologically polluted

Electrical network energy source

OUR PARTNERSHIPS

As part of its sustainable development approach, Water Alternatives International constantly seeks to build strong alliances. To this end, our company enters into several different types of partnerships, starting with the delegated management of water distribution.



Licensed partners

SOLAR UNITS

The units funded by Water Alternatives International are made available to local partners who are in charge of distributing water to nearby neighborhoods. The income these distributors receive on sales helps them to substantially increase their standard of living. In addition to maintenance for the units, Water Alternatives International provides its partners with sales support to help them grow their distribution systems. The shared requirement for all partners remains the supply of high quality water at an affordable price for all stakeholders.

Technical partnership

Founded in 1944, **THE INSTITUT DE RECHERCHE POUR LE DÉVELOPPEMENT** (French Institute for Development Research -IRD) is France's only multi-disciplinary, wide-ranging public research body dedicated to development in southern countries. It operates under the joint authority of the French Ministry of Higher Education and Research and the Ministry of Foreign Affairs and International Development. The IRD works in all intertropical regions in Africa, Asia, the Indian Ocean, South America, the Pacific and the Mediterranean. It conducts research which aims to foster economic,



social and cultural development in these countries. The Institute's research is structured around six priorities: combating poverty, climate change and risks, access to water, migration, emerging diseases, ecosystems. IRD experts work with Water Alternatives International to ensure the ongoing improvement of its products.

More information: www.ird.fr

Academic partnership



With the SoScience organization, **CENTRALE SUPELEC**, an internationally reputed higher education and research institution, invites its second-year engineering students to work on a project for responsible innovation.

Students are free to choose the topics which may cover social enterprises, NGOs, laboratories etc. During their work experience and courses students can help our company with research and development projects which have a positive social impact.

More information: www.centralesupelec.fr



Incubator

Aquacity is backed by the **BOND'INNOV** business incubator based in the Greater Paris department of Seine-Saint-Denis. The business park comprises 6,500-m² of offices and laboratories, a lecture hall and classrooms. As a general-purpose incubator, Bond'Innov helps to set up and grow innovative businesses in developing countries specialized in life sciences, the environment and/or the social and solidarity economy. Founder members of Bond'Innov include the French Institute for Development Research (IRD), the Biotech technology park, Paris 13 University which comprises four campuses (including the medical faculty), the municipality of Bondy, the General Council of Seine-Saint-Denis and the metropolitan community for the conurbation of Eastern Greater Paris.

Bond'Innov is committed to promoting scientific and economic partnerships between developed and developing regions as well as encouraging business startups in the developing world.

It also strives to foster cooperation between laboratories and businesses. Water Alternatives International draws on the strengths of this approach to build ties with public and private research bodies, the entrepreneurial community and benefits from its network of contacts in developing regions.

More information: www.bondinnov.com

