

2009 Stockholm Industry Water Award



Photo: Trojan Technologies

Trojan Technologies Shine Ultra-bright

Trojan Technologies, a global leader in ultraviolet (UV) disinfection systems, is the winner of the 2009 Stockholm Industry Water Award. The company earned the distinction for their pioneering work to protect public health and develop new sources of water supply.

Trojan Technologies produces open channel and pressurised UV disinfection systems for industrial applications, municipal water and wastewater treatment, commercial integration, residential use, and elimination of environmental contaminants from wells and other sources of drinking water, including reused water. The company's innovations in low-energy lamp design and optimised reactor performance have established benchmarks for the field that have fostered global adoption of UV technology. With installed systems at more than 5,800 facilities in more than 80 countries, Trojan has led the worldwide drive for commercial, engineering, and regulatory acceptance of the technology as an environmentally sound alternative to traditional chlorine based water treatment.

A better solution to a global problem

UV treatment presents an especially effective solution to the interrelated challenges of water quality and sufficient supply in

arid regions. UV light purifies water by destroying the ability of microorganisms to function and reproduce. In water-treatment applications, such as those pioneered by Trojan Technologies, specialised lamps project intense UV light into the water, effectively neutralising the organic contaminants it contains. The technology works more than 20 times faster than traditional chlorine based systems, with no environmental impacts from chemical leaks or any known disinfection by-products that could be harmful to health. In its citation, the Stockholm Industry Water Award nominating committee highlighted several recent installations of Trojan systems that illustrate the potential of UV treatment for wastewater re-use applications.

The most notable of these are large scale projects in Orange County, California and South East Queensland, Australia.

"Trojan's success has contributed to a viable competitive industry in the area of ultraviolet technologies, leading to the development of a full range of industrial technologies in both specialised and general applications," noted the Stockholm Industry Water Award nominating committee. "Their work with other members of the UV industry has advanced world-wide regulatory acceptance, overcome many limitations

of existing technologies, and provided a new means of protecting public health and developing new sources of water supply."

Executives from Trojan Technologies will formally receive the Stockholm Industry Water Award at a ceremony during World Water Week in Stockholm this coming August.

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Stockholm **INDUSTRY** WATER AWARD

The Stockholm Industry Water Award honours contributions by business and industry that improve the global water situation. It recognises and encourages innovation and leadership in sustainable development of the water sector. Established in 2000 in collaboration with the Royal Swedish Academy of Engineering Sciences and the World Business Council for Sustainable Development, the award will celebrate its 10th anniversary during the 2009 World Water Week. The Award is administered by the Stockholm International Water Institute.