



FOR IMMEDIATE RELEASE

**Vitality Vector Develops Clean Technology for Recovery of Fresh Water from Ambient Air.**

**Amsterdam, Holland - 8th October, 2013** - Vitality Vector, a sustainable innovation company will present their new patent pending technology of extracting water vapors from atmospheric air at Aquatech Trade Show in Amsterdam from 04/11/13 until 08/11/13.

The innovative design takes advantage of the simple and well-known thermodynamical process of extracting water vapors from the atmosphere through alternate adsorption/desorption and subsequent condensation cycles. The ingenious approach to this technology has allowed Vitality Vector researchers to make the cost of fresh water production compatible with the desalination process. Albeit, the method does not require an existing source of water and has no adverse effects on the environment. The simplicity of construction (using mostly standard and non-moving parts) insures low installation cost, minimum maintenance and no downtime.

Though, the water production capacity is limited to the moisture content in the air, it is possible to recover a significant amount of fresh water even in the most arid areas of the world. This is crucial for many poor regions where water is needed the most and the abundance of solar radiation allows for implementation of self-sufficient solar energy operated models.

The technology has a potential to become the life saving alternative to watering wells and boreholes in the poor communities where the underground water is not available or is contaminated. The method can also be used in hospitals and schools as the alternative source of high quality drinking water. Reverse desertification, emergency response and disaster relief are among many other humanitarian applications of this process.

For more information please visit [www.vitalityvector.com](http://www.vitalityvector.com) or booth # 07.420 at the Amsterdam Aquatech Trade Show.

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