



In essence the Waterblade takes a trickle of water and makes it useful for the purpose of hand washing. A standard tap does its job of washing and rinsing by spreading all over your hands by virtue of its sheer volume. (Typically 10 litres per minute. l/m) The Waterblade takes 2.5l/m, spreads it into a paper thin wide sheet of water through which your hands can be drawn. It performs the same task with 25% of the water. This is a 50% reduction in the typical consumption of an aerating tap, typically operating at 5 or 6 l/m.

We believe it has the potential to be a major step forward in demand reduction for taps.

We have just completed our first monitored trial and are very pleased with the results. They show a 15% reduction in whole office consumption of water. The whole report is available at [WaterbladeTrialRichmondTce](#)

This trial demonstrates a very real prospect of achieving similar results elsewhere.

Additionally;

-The Waterblade is totally scalable. The reduction in consumption is achieved 'per tap', whether it is a single tap or a thousand taps.

- The Waterblade is very easy to retrofit, (see our guide - [WaterbladeRetroFitGuide](#) ) and could cost as little as £7.50 per unit (installed) once in production.
- Many designers have commented that it 'looks great'.
- Money savings data can be found at [WBSavingsCalculation](#)
- Watch short 20 second Waterblade in action clip [Waterblade Movie](#)

## **About the Waterblade To Date;**

Funding;

**September 2013**, Technology Strategy Board Innovation Voucher. Spent at the University of Brighton developing the Waterblade. (£5,000)

**October 2014**, Green Growth Platform Innovation Voucher. Funding further development. (£5,000)

**November 2014** Green Growth Platform, part-funding for Market Research Report. (£2,000)

**January 2015** Grants for Eco Innovation. EEC grant c/o NGAGE Solutions. Part funding trade show and patent expenses. (£1,700 to date, ongoing)

Publications/ Events;

-Presentation and Paper on the Waterblade as presented at Watefcon 2014 can be found at:

Watefcon 2014 [WATEFCON Presentation](#)

Watefcon 2014 [WATEFCON Scientific Paper \(p216\)](#)

-Stand at Eco Technology Show 2015. Exceptionally well received. We have a long list (27) of companies who are happy to trial the Waterblade (Architects; Sustainability Consultants; Housing Associations; Greater London Authority etc.), as well as demand from individuals and other organisations, which have expressed a desire to buy one or more (South Downs Project have asked for 5,000 units!). Our presentation from the show can be accessed at

[WaterbladeEcoTechPresentation](#) (Powerpoint)

-August 2015, successful finalist RBS Innovation challenge.

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