



## ONE WAY BY ARCHROMA Factsheet

Archroma's ONE WAY is a ground-breaking approach to measure sustainability in textile manufacturing. Introduced in 2012, after more than 2 years of development, the ONE WAY Sustainability Service aims to bring together the twin objectives of ecology and economy.

ONE WAY helps mills and brand owners to develop innovative textile solutions that are both more ecologically and economically sustainable. Our ultimate aim is to provide a fast, measurable and reliable approach to the selection of chemical product and process solutions, and resource saving.

In 2014, Archroma added its portfolio of [ZDHC MRSL-compliant](#) chemicals and dyes to the ONE WAY Sustainability Calculator. More recently Archroma introduced the [ONE WAY Process Simulator](#), the last update of a calculation tool that supports its ONE WAY Sustainability Service introduced back in 2012. The new, online software can be used to mimic and compare products and processes, and thus calculate the ecological and economical profile of the final end-product.

To help customers meet their sustainability targets in a fast and reliable manner, the ONE WAY methodology takes a highly systematic approach to the selection of chemicals and production processes. The ONE WAY tool is a sophisticated software that enables the user to assess the cost, performance and environmental profile of products and processes almost instantly.

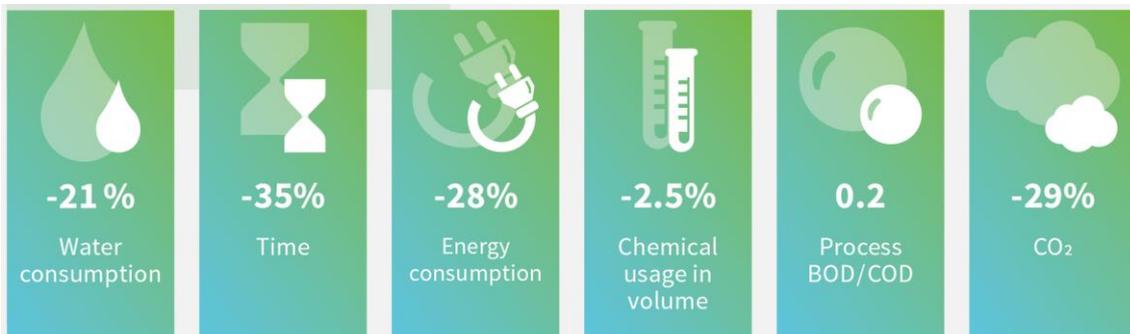
ONE WAY provides precise data measurement and analysis for brand owners to accurately compare the resource savings or CO2 emissions of different processes. The tool provides instant information for customers to make informed decision based on measureable indicators.

The measurements made possible with the ONE WAY include:

- The cost and performance profile of a given production process, based on relevant parameters such as dyes and chemicals, water, energy, or time;
- Environmental emissions and discharge based on actual measurements of chemical oxygen demand (COD), biological oxygen demand (BOD), CO2 emissions, energy consumption, and water usage.

After all steps of the ONE WAY methodology have been completed, the customer receives a ONE WAY with all calculation results based on a set of key indicators.

### ONE WAY SCORE CARD



Case Example: Assessing Archroma's Blue Magic against a benchmark exhaust bleaching process Archroma's Blue Magic is an all-in-one bleaching auxiliary based on Imerol® Blue.

### AWARDED TECHNOLOGY

The ONE WAY Sustainability Service has received industry recognition with the [2013 ICIS Best Business Innovation Award](#)