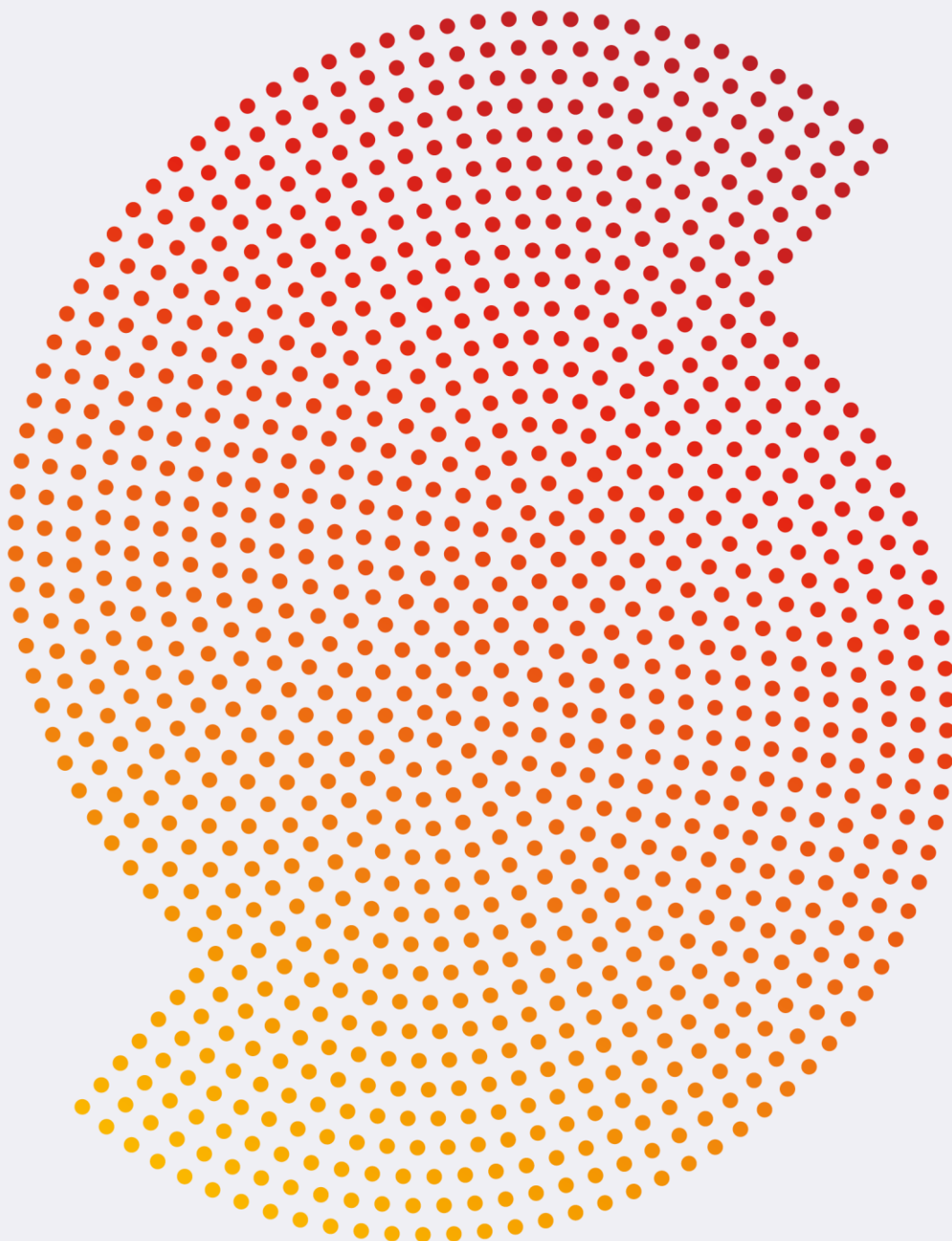


MultiVert
Installation

Vendia
water park

Showersave[®]



Case study: Danish Sports Centre Install Showersave MultiVert Waste Water Heat Recovery System

Project Overview



The Vendia Water Park was completed in 2008, but in 2010 the local authority commissioned a review of the building to identify further energy efficiencies. As a result MultiVert was suggested as a means to improve hot water usage. The MultiVert system was installed in the existing plant room and was completed in a few days, requiring minimal interruption to the heating systems. Since going “live” analysis has shown that MultiVert is recovering 62 MWh, annually, i.e. approx 29% of the showering hot water typically demanded (214 MWh/yr).

Payback: 3.5 – 4.0 years.

System Overview



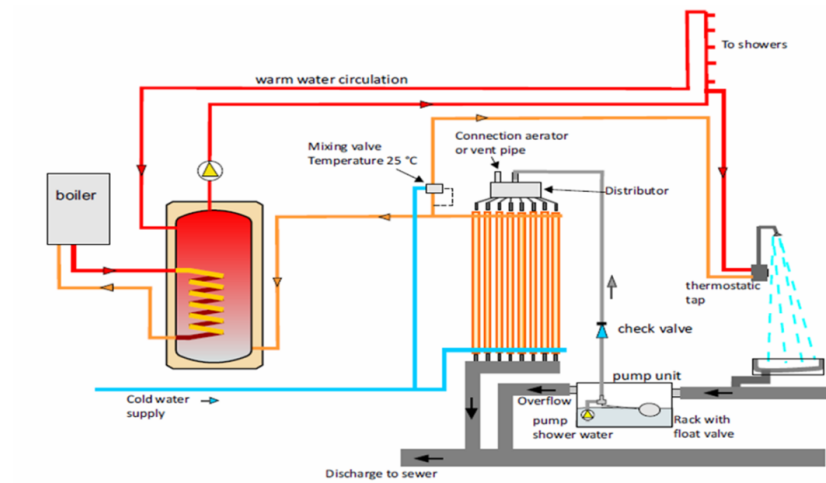
MultiVert is a commercial scale waste water heat recovery system designed as a simple and reliable means to recover the energy contained in waste shower water that would be otherwise lost down the drain.

The energy recovered is used to pre-heat the incoming cold water supply, therefore reducing demand on the boiler. The system has been specifically designed as a retro-fit upgrade to existing plant rooms and is ideally suited to Leisure Centres, Halls of Residence, Large Accommodation Blocks or any building with multiple showering facilities.

MultiVert has demonstrated excellent reliability with 100+ commercial systems now in use and over 65,000 of the Showersave® QB1-21 domestic equivalent systems installed across Europe.

Installation & Schematic

MultiVert installation at Vendia Water park, Denmark



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