

Real-World Results at Aqualens

A swimming pool complex where theoretical projections were tested against 40 months of real, measured performance data

2.4 Years

Actual return on investment (shower installation)

53 Showers

Plus 2 footbaths on the same installation

94.7 MWh

Recovered across the full installation, over 40 months monitored

Wonderfully Simple

Centre Aquatique Aqualens is a swimming pool complex in Lens, France, fitted with 2x MultiVert RPM II-21 on the 53 showers and 2x MultiVert RP Inox-21 on the two footbaths, serving a high-traffic public facility.

The shower installation was calculated by consulting engineers Eau Air Système (Projex) in 2021, with a theoretical payback period of 6.4 years — the baseline against which real performance would later be measured.

What makes this project unique: after installation, actual performance was continuously monitored via heat meters over 40 months, giving a rare direct comparison between a pre-installation estimate and real operational results.

Real-world monitored results substantially outperformed the theoretical calculation for the shower installation: an **actual payback period of 2.4 years**, recovering 54.2 MWh of heat over 40 months — nearly 3x faster than the original estimate.

Across the full installation — the showers and both footbaths together — a total of **94.7 MWh** of heat was recovered over the same 40-month monitoring period.

Centre Aquatique Aqualens was delivered in collaboration with Gaïa Green, Showersave®'s distribution partner for France, who supported the project from initial calculation through to installation.

The result is one of the clearest available demonstrations that MultiVert performance in the field can exceed conservative pre-installation projections, giving specifiers greater confidence in calculated figures for future projects.



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