

# Case study: Independent M&V for a major UK retrofit ESCO



Host

## Mid Devon District Council

The council covers an area of 914 km<sup>2</sup> in the rural, agricultural heartland of Devon, with a population of 78,000 people. Its three main towns are Tiverton, Cullompton and Crediton.

ESCO

## Anesco

A leading UK Energy Services Company based in Berkshire dedicated to helping businesses, local authorities, housing associations and homeowners reduce their carbon emissions.

Independent M&V

## EEVS Insight Ltd

Specialist UK provider of independent performance analysis and verification services for resource efficiency projects.



Anesco has delivered renewable and energy-saving technologies to Mid Devon District Council across three leisure centres, an office building and a car park as part of an energy savings performance contract (ESPC). These measures

were installed between December 2012 and March 2013, providing a guaranteed 28% saving in energy bills, with no up-front expenditure required from the Council.

EEVS is providing ongoing independent measurement and verification (M&V) for the project, so that all parties have a clear view of the savings delivered.

## Project outline

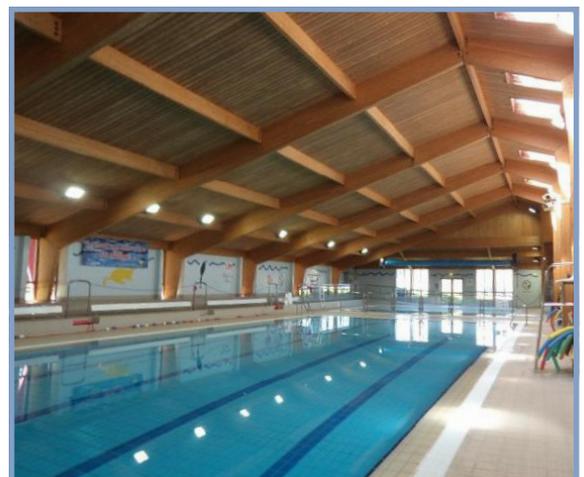
- **Energy Saving Measures**
  - Lighting Upgrade
  - Air Handling Unit Upgrades
  - Variable Speed Drives
  - Vending Machine Controls
  - Heating Saving Measures
  - Boiler Optimisation
  - Valve Insulation
- **Renewable Technologies**
  - 199 kW Biomass Boiler for Lords Meadow Leisure Centre



Biomass boiler, Lords Meadow Leisure Centre, Crediton

## Project summary

- Guaranteed energy saving: 28%
- Third party investment
- Investment return 'paid from savings'
- Project lifetime: 12 years
- Annual CO<sub>2</sub> Savings: 691 tonnes



Swimming pool fitted with new induction lighting

