

# Alpha Trust

Securing £402,000 of funding for energy and carbon reduction works that will save more than £21,000 in energy costs, as well as 43.31 tonnes of carbon annually.



The Alpha Trust is committed to preparing resilient and responsible citizens and future leaders, while reducing the environmental footprint of its Essex schools.

Following the government announcement of £1 billion of grant funding in Phase 1 of the Public Sector Decarbonisation Scheme (PSDS) in October 2020, Manningtree High School recognised the opportunity to target substantial energy and carbon emission reductions.

### Accessing government funding for energy efficiency improvements

Zenergi was engaged by Manningtree High School to assess the opportunities to access funding via an initial assessment through the Low Carbon Skills Fund. Zenergi then supported the funding application, with Manningtree High School being awarded £249,000 towards new LED lighting and vastly improved roof insulation.

### Further energy efficiency opportunities secured

When the next tranche of funding was announced, (Phase 2 of the PSDS scheme), we worked with the school and the wider Alpha Trust to assess further energy efficiency opportunities and secured an additional £153,000 of funding towards new double glazed windows, further roof insulation, and an air source heat pump (ASHP) for both Manningtree High School and Colchester County High School for Girls.

The Phase 1 works will enable savings of 21.01 tonnes of CO<sub>2</sub>e and £21,583 on energy costs annually with a further annual reduction of 22.30 tonnes CO<sub>2</sub>e from the Phase 2 works.

Both rounds of the funding scheme were highly oversubscribed, and funds were quickly allocated. Successful applications required a thorough understanding of the scheme, the eligible technologies and the calculations to meet the lending criteria, along with the ability to act quickly to submit a quality application. Our experienced team were well placed to support the Trust's successful application.

## £402,000

of funding secured secured for LED lighting, roof insulation, double glazing and air source heat pump



I have worked with Zenergi on two projects at our school and wider MAT. I have been thoroughly impressed with the team. They work hard to understand their clients' needs and expectations, and solve any problems along the way with skill, tact and a positive attitude. They set the bar for quality high, and ensure that all parties, from design team to contractor meet these standards. I particularly appreciate their responsiveness, attention to detail and collaborative approach. They are friendly and proactive and I have thoroughly enjoyed working with them.

**Carol Sinclair**  
Director of Operations  
Manningtree High School