

Northern Roots, Oldham Low Carbon Strategy



Our Services

Preparation of a detailed Low and Zero Carbon (LZC) review of the proposals for the productive eco-park.

- **Building Energy Strategy** which outlines how the proposed buildings within the eco-park may be constructed and operated as efficiently as possible.
- **LZC (Low Zero Carbon) Energy Provision** providing a rationale and high-level technical feasibility of the solutions that are suitable for inclusion within the site.



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Client: The Environment Partnership and Northern Roots

Sector: Commercial/ Public

Project completion: Ongoing

RIBA stages: Stages 4-6

Development Description:

- The construction of a 65 acre eco-park located on the south eastern edge of Oldham.
- The development proposals aim to create a valuable green space for community use that demonstrates eco-friendly credentials in all aspects of its practices.
- Sustained by renewable energy, the park will incorporate an assortment of renewable technologies with all buildings designed with sustainability at their core.

Added Value

The eco-park represents an ambitious vision to turn 160 acres of green space into the UK's largest urban farm and eco-park. This project is being championed by Oldham Council, and is intended to act as an exemplar to other such projects, demonstrating how renewable energies can be incorporated into similar projects, thereby contributing to carbon emission reduction targets. Element Sustainability have assessed a range of LZC technologies, demonstrating how they can be implemented in accordance with the design brief.