

Climate Change Statement for Planning Applications

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| Name of applicant/agent | Foxhall Environmental Ltd / Leivers Consultancy Ltd |
| Site Address | Owler Lane, Birstall, Leeds WF17 9BW |
| Description of Development | Redevelopment of brownfield site including three light industrial units, prefabricated offices, Waste Transfer Station shed, secure storage, weighbridge, parking, and associated drainage infrastructure. |

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| Q1. Measures to reduce the energy demand associated with the proposed development beyond minimum Building Regulations | <ul style="list-style-type: none"> - Modular insulated buildings exceeding Part L thermal performance. - LED low-energy lighting throughout internal and external areas. - Natural daylighting via rooflights to reduce artificial lighting demand. - Cycle storage to encourage low-carbon commuting. - EV charging provision anticipated. |
| Q2. Measures to limit carbon during construction (e.g., re-use of on-site materials, sourcing locally) | <ul style="list-style-type: none"> - Demolition materials reused/recycled (steel, cladding, concrete). - Local suppliers and contractors to reduce transport emissions. - Modular design to minimise construction waste and site time. - Avoidance of excessive excavation/import of fill. |
| Q3. Use of renewable or low-carbon energy sources | <ul style="list-style-type: none"> - Solar PV proposed for the Materials Recovery Facility building. - Solar PV to be evaluated for the industrial units - Feasibility of air-source heat pumps to be reviewed. - EV charging points to support transition to low-carbon vehicles. |
| Q4. Optimisation of building design and layout for energy efficiency | <ul style="list-style-type: none"> - Compact footprints and shared walls to reduce exposed surface area. - Building orientation to maximise natural daylighting. - Permeable paving to reduce heat-island effect. |

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| Q5. Measures to reduce flood risk impacts | <ul style="list-style-type: none"> - Sustainable Urban Drainage (SuDS) with permeable paving, soakaways and attenuation tanks. - Rainwater harvesting to reduce off-site peak flows. |
| Q6. Measures to reduce water stress (e.g., retention and minimisation) | <ul style="list-style-type: none"> - Low-flow taps and dual flush toilets. - Rainwater harvesting for non-potable uses (toilet flushing, yard cleaning). - Drought-tolerant landscaping requiring minimal irrigation. |
| Q7. Measures to provide biodiversity net gain | <ul style="list-style-type: none"> - Not applicable, refer to supporting statement. |
| Q8. Measures to reduce air pollution | <ul style="list-style-type: none"> - Enclosed Waste Transfer Station to reduce dust and odour vs. open-air operations. - Euro 6 compliant vehicles for site operations. - Layout designed to reduce unnecessary vehicle idling. - EV charging and cycling facilities for low-emission commuting. |