

2.5 Sustainability Strategy

Objective:

To deliver a sustainable redevelopment of the RA site that achieves the highest standards of environmental performance, demonstrates socially sustainable outcomes and seeks to meet the Council's objective of net zero carbon growth.

How?:

- The generation of renewable electricity provided by the Multi-Utility Services Company (MUSCo) and the connection of buildings and individual address points within them to the sustainable network of heat, water and telecoms provided by the MUSCo. These arrangements will initially achieve Code for Sustainable Homes 4 and have the capacity to achieve the sustainable requirements of the development over time.
- Apply good master planning and building design across the development, including passive solar alignment, predominant wind direction for cross flow, pedestrian friendly ground plans, etc
- Use appropriate green building rating tools throughout the project to guide the team's progress and ensure the best outcome is achieved including Code for Sustainable Homes Level 4 and BREEAM Excellent.
- Proactively seek opportunities to reduce carbon emissions beyond current Building Regulations throughout the energy hierarchy in design, construction and operation.
- Adopt the waste management hierarchy throughout the development process and in operation with the ultimate aim to reduce waste generated, maximise diversion from landfill and optimise reuse and recycling opportunities. Ensure that the ability to recycle, particularly for blocks of flats is designed into both the master plan and individual buildings. Investigate the use of an integrated waste management system.
- Aim to increase the ecological value of the development through understanding the local biodiversity flora and fauna, incorporating new habitats into the development and ensuring existing habitats are enhanced.
- Ensure materials and products are sourced responsibly and their life cycle is considered as integral to the selection process.

When?:

Key Performance Indicators (KPIs) will be developed to track our progress and report our performance in the consistent delivery of environmental and socially sustainable outcomes. In addition the SEA to accompany the planning application will provide further details on the impact of the scheme and the measures that are proposed to mitigate them.