

Annex B: Net Zero Plan

One of the requirements agreed by cabinet for a leasehold disposal of the Triangle site is the production by OUFC of a net zero carbon plan fully costed with clear timescales and outcomes, including design, construction and full operation of the stadium.

The categories we would want to see covered in this plan include:

- Clean energy
- Energy efficiency and energy demand management
- Sustainable transport
- Single-use plastic reduction/removal in construction and operation
- Waste management
- Water efficiency
- Biodiversity
- Onsite catering and retail operations
- Education activities
- Communications, outreach and engagement
- Monitoring and reporting arrangements

More detailed requirements are set out below, some of which are already included in Annex A relating to the delivery of commitments. These largely reflect commitments and statement already made by the club. We welcome OUFC's stated ambition to make the new stadium one of the lowest carbon in the country.

BREEAM

- The new stadium will be designed, built and operated sustainably to achieve BREEAM Excellent. If this is not achievable or the club believes that net zero can be achieved despite only obtaining a 'Very Good' BREEAM rating, this will have to be justified with reference to the other aspects of carbon consumption, showing how the construction as a whole is net zero carbon.

Design

- Undertaking a detailed ecological survey of the stadium site to establish baseline conditions ahead of its construction.
- Producing a detailed net zero energy strategy, which includes the minimisation of energy demand, and measures for generating clean energy on site, such as the installation of solar panels on the roofs.
- Sustainable water management solutions, including attenuation, harvesting and reuse of rainwater on site, reuse of waste water on site, and minimisation of water consumption on site through low-flow fittings and fixtures.
- Electrical charging points for vehicles (including electric bicycles), covering current and future requirements
- Minimising light pollution through LED technologies and intelligent controls, including the installation of floodlighting technology to limit light spill to neighbouring communities and environments.

Construction

- Undertaking a full environmental audit throughout the development via a 360-degree sustainability process.
- Implementing targets to divert waste from landfill to over 95 per cent during construction, including onsite reuse of demolition materials.
- A commitment to resource efficiency and renewable materials and re-use in support of circular economy principles.
- Minimising emissions during construction.
- Minimising single-use plastic in construction.
- Planting new and semi-mature trees, plants, hedges and flowers to establish an ecological habitat.
- Deliver a biodiversity net gain in line with the 20 per cent ambition targets in the area. This gain will ensure that the habitat for wildlife is in a better state than it was before the development. In particular, act to preserve wherever possible, or relocate if practical, any specific features of high-biodiversity value on the main part of the site identified by the ecological survey, and to work with the Local Nature Recovery Strategy leadership to ensure suitable buffering of the ancient woodland to the south of the site.

Operation

- Implementing a sustainable travel plan that will reduce the need for car travel and encourage sustainable transport, with a credible plan to achieve 90 per cent sustainable travel modes. This would include a system for tracking and reporting on the percentage of fans taking different modes of transportation to games.
- Work closely and constructively with the owners and promoters of nearby development sites and with the highways and planning authorities and stakeholders to ensure genuine active travel connectivity enhancements across and between all sites and the existing network.
- Implementing a detailed net zero energy plan.
- Implementing a zero plastic operation at the stadium, with minimal waste and packaging.
- Implementing a waste management policy that ensures zero waste is sent to landfill.
- Maximising opportunities for using locally produced and sustainably sourced food and drink in onsite catering.
- Making links between health outcomes and climate action through communications, outreach and educational activity.
- Working closely with suppliers and partners to encourage the adoption of net zero principles in their operation, for example net zero food deliveries.
- Initiatives for staff to encourage active and sustainable travel to work, such as cycle to work schemes.

- Producing a detailed Ecological Management Plan to monitor and manage ecological activity across the site.
- Developing and publishing an Environmental, Social and Governance (ESG) framework and targets, with clear and transparent monitoring.
- Certification to an internationally recognised sustainability management system.

For all stages, we require a clear and transparent monitoring and reporting process to be implemented, with progress reported publicly.