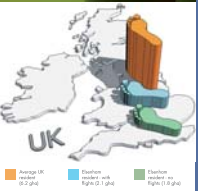


# PROPOSED COMPONENTS

## ZERO CARBON



An analysis of a future residents potential eco-footprint at the Elsenham development has been undertaken. It indicates that a combination of zero and low carbon energy supply infrastructure (including a range of renewable and low carbon technologies, such as solar heating and combined heat and power - CHP) exemplary transport measures and low impact lifestyle choices could enable a 60% reduction in a typical residents eco-footprint compared to current UK average. All buildings including commercial and public sector buildings will be designed to exemplary standards of energy efficiency.



## HEALTH & WELLBEING

The Elsenham Green Ring and green space within the development will include 15 hectares of sports pitches and almost 14 hectares of equipped children's play and leisure and recreation space, well in excess of recognised standards. It is proposed that sports pitch provision will be focussed in the north and south of the development, with a community sports hub being provided alongside the proposed secondary school. The Elsenham Green Ring will provide extensive foot and cycle networks that will integrate with existing footpath and road networks to provide opportunities for informal recreation.



## WATER



All built up areas of the proposed development are within Flood Zone 1 – the area of lowest risk, and no built development will take place in areas known to be subject to flood risk. A Full Water Cycle Study is being undertaken in support of our proposals which will confirm the viability of Sustainable Urban Drainage Systems (SUDS), will outline the manner in which additional run-off from the site will be prevented, will review water efficiency and foul drainage measures and will also review the opportunities for improving existing drainage infrastructure.



## INCREASING BIODIVERSITY



An overall Ecological Assessment was undertaken in 2007 and further species specific surveys are ongoing. In general terms the area proposed for development is of relatively limited biodiversity interest due to its current use for intensive arable agriculture and there is significant scope for habitat enhancement to support and encourage local wildlife. To this end around 29 hectares of the Green Ring will form 'natural open space', to include areas for nature conservation, wetland and water bodies for sustainable drainage and flood alleviation and areas for informal recreation.



## WASTE REDUCTION



A comprehensive waste strategy will be developed for Elsenham Eco-town for both construction waste and operational waste promoting the reduction, re-use and recycling of waste products. This will include the use of modern methods of construction, with some prefabrication off site, comprehensive recycling networks for residents and businesses including facilities for recycling separation and storage and also community composting or organic waste to be used within allotments and the productive landscape of the Green Ring.



## PROMOTING LOCAL FOOD



The Green Ring will include around 47 hectares of 'productive landscape' comprising allotments, orchards, areas for growing local produce, grazing paddocks and hay meadows. The majority of food produced from the Green Ring will be consumed by the local community, either from their own allotments or via a local distribution system managed by the Elsenham Co-operative Ltd including shops in the town centre. Connections will also be made with existing local food networks including a regular farmers market to take place within the Market Square.



## DELIVERING THE VISION



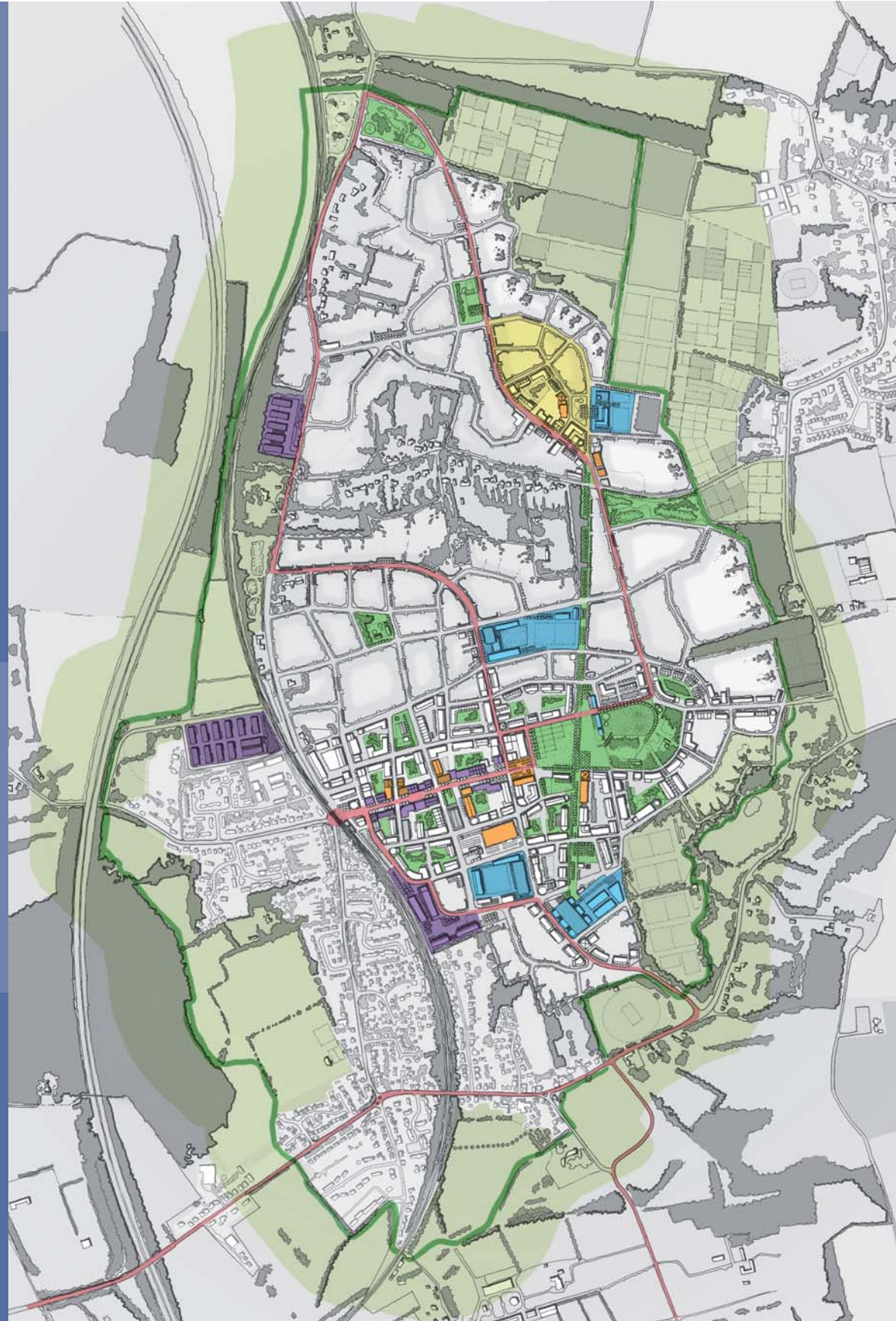
A Master Developer Team will safeguard the continuous delivery of the vision and its exemplary performance through the direct design of proposals and through the oversight of all detailed proposals brought forward by others prior to their submission to the Council as planning applications. This role will be complemented by a Design and Delivery Panel including relevant local stakeholders and community groups to provide oversight of proposals and to monitor the quality and performance of the development on an annual basis against a range of design and sustainability targets.



## ELSENHAM CO-OPERATIVE LIMITED



The day-to-day delivery and maintenance of services and infrastructure is proposed to take place through a consumer owned sustainable community enterprise, the ECL. The portfolio of services operated by ECL is not fixed, but is proposed to cover a range of areas including bundled utility services (including ICT and energy networks), transport and travel planning, health and children's services, promoting enterprise and maintenance of the urban fabric and Elsenham Green Ring. Control of ECL will progressively pass from the Fairfield Partnership to new residents as the development progresses.



## ELSENHAM GREEN

Elsenham Green is situated in the northern district, with shops, amenities and school. It has a local identity whilst still being of Elsenham.

## EMPLOYMENT

Along with excellent transport access, Elsenham will offer a range of employment opportunities on site allowing people to live and work locally.

## TRANSPORT

Elsenham will be an entirely walkable community with improvements to existing road and rail services, a new bus service linking local towns and a comprehensive cycle network.

## EDUCATION

Lifelong learning in primary and secondary schools linked with child safe cycleways.

## ELSENHAM GREEN RING

A multifunctional biodiverse green space network which provides a setting for the development and protects the character of Henham.

## PARKS & GARDENS

This formal green space provides space for the organised activities that the inhabitants of the market town need.

## CIVIC AMENITIES

Amenities such as medical centre, shops, community centre, library, market square are distributed along the Market Street.

