

Climate Change

The masterplan sets out a commitment to addressing climate change challenges through design. Both East Suffolk District Council and Suffolk County Council have declared a climate emergency, and policy changes in response to this. The following key principles will be considered through the masterplan and planning process.

Urban Design

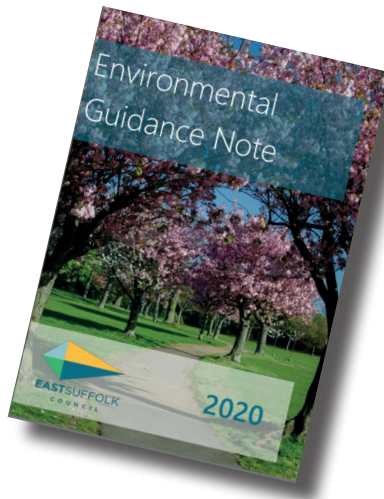
- Pedestrian and cycle friendly urban designs that encourage non car use
- Connections to existing PROWs and creation of new PROWs
- New connections to public transport routes beyond the allocated site
- Strategic integration of SUDS into masterplan
- Green corridors and green infrastructure throughout the site

Housing Design & Build Standards

- Low carbon heating systems
- Fabric first construction principles and energy efficient design
- Orientation and thermal comfort considered as part of design
- On site generation
- Energy infrastructure to allow for electrical vehicle charging and peak demand management
- Water efficiency on site through low flow fittings

Materials and waste

- Reduced Embodied carbon through local sourcing of materials and reduction of waste where possible



A number of national and local initiatives are in flight regarding sustainable development. The masterplan and subsequent planning applications will take account of these and seek to adopt these emerging standards as soon as possible.

The construction and operation of housing contributes 20-25% of total UK carbon emissions*.

*Source Committee on Climate Change UK Housing Fit for Future Feb 2019