

What is being proposed?

The objectives and principles for Manydown highlight the importance of adaptability and environmental sustainability.

Our aim is to incorporate excellent environmental performance into Manydown from the beginning, acting to help make healthy, sustainable lifestyles and wellbeing easy and make choices that support long term sustainability for all who live there in the future.

The key elements of our sustainability approach are as follows:

- **buildings:** how new homes and infrastructure are designed, built and the materials used will influence the levels of carbon emissions, so we are exploring best practice techniques to improve the energy efficiency of buildings to minimize heat loss. Well-built homes using higher insulation standards will lock-in energy cost savings for residents in the future;
- **environment:** providing energy and water and dealing with waste has an influence on carbon emissions, so we are exploring the potential to provide energy on site, for example through solar panels on roofs and 'district heating' schemes (where a network of insulated pipes are used to transport heat efficiently, in the form of hot water or steam, from the point of generation to homes), together with waste management and 'waste to energy' options, rainwater harvesting and sustainable drainage techniques;
- **transport:** minimising the need to travel by car has an influence on carbon emissions and so the layout concept for Manydown is based on walkable neighbourhoods, as well as providing for alternative forms of transport, for example cycling, buses and car clubs. Home working and flexible working will be supported by enabling high quality broadband infrastructure, reducing the need to commute and encouraging on-site employment;
- **construction:** there are a variety of construction impacts that have an influence on carbon emissions and so our construction management plan will ensure these are minimised. We will also explore new methods of construction which might help to speed up the delivery of new homes.

These elements and proposals aim to set high standards in minimising carbon emissions and will continue to be developed during the design and construction process in liaison with the development partner, once selected later in 2017. The outline planning application supports the overall vision to create an environmentally-friendly community at Manydown and is structured to enable the kind of elements and proposals outlined above to be implemented.

Why have we adopted this approach?

During each of the sequences of consultation and engagement, energy and sustainability have been key issues raised with the project team. A working group, arranged for members of the community with an interest in these topics, emphasised the importance of:

- creating a sustainable development;
- providing high speed broadband connections;
- building to high standards; and
- ensuring high standards of energy efficiency.

Through more detailed applications submitted in the future, the councils and their development partner will need to demonstrate compliance with relevant building regulations for energy efficiency and building specification, as a minimum, as well as meeting the water usage policies in the Basingstoke and Deane Local Plan. However, the objectives and principles underpinning the approach to Manydown mean that there is an emphasis on going further than existing regulations.

To read the full information

See the following outline planning documents below on Basingstoke and Deane Borough Council's website at www.basingstoke.gov.uk/manydownplanning

- Construction Statement