

Renewable and Low Carbon Energy

- Stipulate a minimum amount of energy efficiency measures in new buildings
- Prioritize passive building methods
- Raise minimum level of compulsory renewable energy generation in buildings
- Recommendation of terraced houses that are more energy efficient rather than separate small dwellings
- Solar farms
- Roof orientation should be suitable for solar panels i.e. fully south facing
- Local community energy schemes for the local development to allow residents to pay less and invest in their own energy
- Use re-usable building materials such as cob and straw bale for housing,
- Require locally sourced buildings to have priority
- Materials used for building should be sourced so that the energy they use should be taken into account when considering the carbon impact
- Require some bio-mass boilers to be used in the housing developments to heat the houses (biomass fuel must be sustainably sourced)
- As the government's target is for all new houses to be carbon zero by 2016 the housing developers should be held to account on this factor
- Consideration should be given to sources that can be used to both cook and heat at the same time.
- Grow trees
- All lighting in new developments should be low energy e.g. LED
- Retention of grey water e..g shower/bath water for garden use and e..g toilet flushing should be considered as we have an urgent need to conserve water.
- Consideration must be given to building large underground water storage tanks for storing grey water
- All toilets should have minimal flushing capacity
- All showers should have eco-heads to reduce water use
- Compost toilets should be built as part of the developments especially in outside areas such as the play areas that will be built.
- Electric charging points should be included in the parking areas,
- Parking areas should be built on permeable land
- Secure cycle storage for individuals should be included in the plans – numbers as appropriate for each dwelling.
- Site with good public transport links in order to reduce car use
- BedZed in the London Borough of Sutton should be considered as a good example to follow
- Superinsulate roofs, walls and floors for energy efficiency
- Wind Mills should be seriously considered as a generator of alternative power
- Solar panels and Pv's should be fitted on every roof
- Houses need to be designed for best orientation for receiving solar energy
- Gardens should be oriented for best food growing
- All community facilities should be energy efficient and have renewable energy
- All the lighting should be powered by solar panels
- encourage the use of natural drying areas to avoid use of tumble driers
- Encourage composting (managed community compost heaps)
- Houses should be designed to make it easier to recycle

Existing Housing Stock

Retrofit all existing housing stock i.e. insulate, solar panels etc....