



BedZED, which stands for Beddington Zero (fossil) Energy Development, is an ecological neighbourhood that was completed in 2000 near Sutton, a suburb located in the south of London. It consists of 90 housing units as well as 2300 m<sup>2</sup> of offices. This pilot project aims to show that it is possible to create living and working spaces that are in line with sustainable-development principles and ideals. The site's design was planned in such a way as to offer an enjoyable lifestyle as well as a pleasant environment for the residents. Each home includes a south-facing greenhouse which captures the sun's heat and light. Photovoltaic solar panels produce electricity.

Very thick walls and triple-glazed windows ensure the buildings' excellent insulation. Heating requirements are about 10% of what is typically required for a conventional building. A combined heat and power plant produces electricity and hot water for the homes and offices. It is powered by woodchips which come from the trimming of local trees. Rainwater is harvested and reused. Part of the neighbourhood's waste water is collected to be treated on site. The dwelling units have attracted people with both high and low incomes. BedZED's Ecological Footprint is one-third less than a traditional neighbourhood.

Report produced in collaboration with Association 4D

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**BedZED, a Pilot Ecological Neighbourhood**  
 Southern suburb of London - United Kingdom

8 minutes



**Video DVD in English and French**

**Sales and distribution:**

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