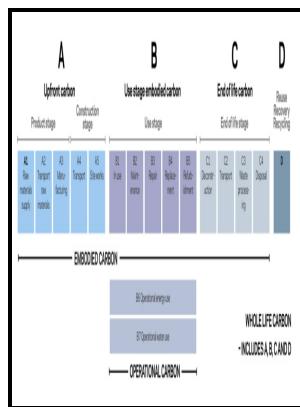


Beddington Zero (Fossil) Energy Development - construction materials report : toolkit for carbon neutral developments

BioRegional - Calaméo



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Sustainable architecture -- England -- London.
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BedZED

Appliances are chosen to be water efficient and use recycled water where possible. Sustainable energy is concerned with energy use, especially with the ability to meet current needs, while not interfering with the demand of future energy use.

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Energy Systems One of the main sources for renewable energy in BedZED was designed to be generated by a custom biomass combined heat and power CHP plant using local wood fuel to generate both heat for hot water and electricity.

BedZED

Wind Cowls and Roof Gardens I feel that the wind cowls are a little bit out of character with the rest of the development and could be integrated more subtly.

BedZED

Combined heat and power CHP plant. Conclusion It is clear from the statistics and figures on energy usage at BedZED that the development has been a tremendous success, despite the problems the development has had with its CHP plant.

Analysis of Sustainable Energy Systems in Ecovillages: A Review of Progress in BedZED and Masdar City

Masdar City Another example that illustrates sustainable energy use is the Masdar City project in Abu Dhabi, designed by British architecture firm Foster + Partners. The system also acts as an extract for the bathrooms and kitchen so stale air and odours do not linger in the units. Residents and

neighbours were largely happy.

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