

## Zero Carbon Homes One Day CPD Course Content

This one-day training event focuses on the One Planet Living principle Zero Carbon. It will cover building Zero Carbon homes and retrofitting existing housing stock to Zero Carbon standards. Options for energy efficiency and energy generation for single dwellings (micro generation), and for communities, will be covered. The CPD will also look at the different building standards that can be applied, as well as policy and planning guidance relating to Zero Carbon homes.

The course typically runs from 9.30am until 4.30pm, and includes the following sessions:

### Introduction (1 hour)

**With Sue Riddlestone, Director, BioRegional Development Group or Pooran Desai, BioRegional Development Group, BioRegional Quintain Ltd, OBE, RIBA Honorary Fellow**

Intro to BioRegional

Energy consumption in homes in context:

- Eco-footprinting
- Carbon footprinting
- Current/ future UK policy relating to zero carbon homes
  - Definitions of Zero Carbon homes

One Planet Living

- Zero Carbon strategy for different One Planet Living developments

### Single dwellings (1.5 hours):

**With Simon Corbey, sustainability consultant, or Cath Hassell, Director, ech2o**

Covers options for upgrading existing housing stock and options for new homes.

- Household energy consumption
- Energy efficiency
  - Insulation
  - Air tightness
- Renewable energy generation
- Case studies

### Community energy generation (1.5 hours):

**With Chani Leahong or Brian Mark, Sustainable Development Specialists, Fulcrum Consulting**

For new build and for existing communities

- Available technologies
- ESCOs
- Finance
- Case studies

### Zero Carbon surgery (1 hour)

- Expert panel comprising speakers from the CPD and guest speakers who are experts in their field
- Participants bring case studies from their own work and the group/ speakers discuss them and find solutions, or simply use the time to ask the panel any questions they have about Zero Carbon homes.

At the end of the day participants will be able to discuss and summarise what they have learned, and will be provided with information packs and feedback forms before departing.

## About BioRegional



BioRegional is an independent environmental organisation. We demonstrate that it is possible to significantly reduce our ecological footprint to a sustainable level whilst maintaining a high quality of life. We run projects and companies to develop wood products, paper, textiles, food, transport, housing and more.

BioRegional were development partners in BedZED, the award winning zero carbon urban eco-village in south London. BedZED was completed in 2002 and since then we have used it as a base for our education work, a programme of tours, Continuing Professional Development (CPD) training and seminars as well as an exhibition centre, show home and study room.

BioRegional, together with WWF, have developed a framework for building sustainable communities based on 10 guiding principles of sustainability. The vision of One Planet Living® is a world in which people everywhere can lead happy, healthy lives within their fair share of the Earth's resources. One Planet Living Communities will be large enough to include shared services. This can be achieved by developing new communities, or retrofitting existing housing stock, whole suburbs or even cities.

BioRegional provides high level pan-industry introduction to the subject of sustainability and sustainable development through our Continuing Professional Development (CPD) programme of seminars, talks, tours and workshops. We collect feedback from all our CPD attendees to ensure that we continue to meet the needs of our clients. We ask each attendee to rate the quality of the training from 1 (poor) to 5 (excellent). Over the last two years 93% of the attendees gave the training a rating of 4 or 5.

***“As pioneers in the field of providing Zero Carbon Homes, I loved the platform for honest opinions and frank discussions on issues ranging from bio mass and CHP to implementation in new and existing buildings.”***

**Manmohan Dayal, Planning Officer, London Borough of Merton**

## Practical Information

### VENUE

The BedZED and Beyond CPD course is held at the BedZED Pavilion, Sandmartin Way, BedZED, Wallington, Surrey, SM6 7DF. The Pavilion is located at the very north of the BedZED site, and is the BedZED community centre, which is run by residents for the local community.

### PARKING

We are unable to offer visitor parking on site here at BedZED, except for people with restricted mobility, who need to book a permit in advance. To avoid a wheel clamp and a £95 fine we are advising all guests to come via public transport. If this is not possible we suggest that you park in the pay and display car park at Hackbridge station – approximately 5 minutes walk from the development.

### NUMBERS

A CPD course can accommodate between 10 and 40 individuals.

### CATERING

All CPD events are fully catered. We provide a vegetarian buffet lunch using local and organic produce where possible, with Fairtrade tea and coffee. Please inform us of any special dietary requirements when booking your place on a course.

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