

Sustainable Materials: Opportunities for use; from design to build

This one-day workshop is organised by BioRegional.

It will cover the advantages, in terms of overall construction process and costs, and greenhouse gas savings, of sustainable construction materials. It is based upon BioRegional's experience with material reclamation, developing sustainable communities and running the sustainable materials buying club One Planet Products. The format of the day will start with seminars and then break up into discussion groups. Following lunch participants will have the opportunity to explore the barriers and opportunities in more detail, looking at initiatives currently in place or missing in the UK, and how to develop a strategy to maximise opportunities.

09.00 - 09.15 Coffee/Tea/Registration

09.30 Introduction to BioRegional and the day's agenda

Matthew Sullivan, BioRegional Development Group

09.45 Sustainable Construction: A low carbon Construction Industry

Jonathan Essex, BioRegional Development Group

Looking in more detail at recycled materials, reducing transport needs and other strategies.

10.15 Reclaiming and re-using construction materials

Jonathan Essex, BioRegional Development Group

The benefits and opportunities with reclaimed materials, and how to source and specify them.

10.45 Building Material Reuse Centres and Site Waste Management Plans

Steve Tomlin, Minchinhampton Architectural Salvage Company (MASCo)

11.15 Workshop Making it happen – barriers and opportunities with sustainable materials

Jonathan Essex, BioRegional Development Group and Steve Tomlin, MASCo

Discussion of material re-use centres, reclamation yards and other missing initiatives that participants could benefit from or that could provide opportunities for new business.

12.00 Discussion and questions

12.15 Organic Lunch

During the lunch break you may also like to look at the BedZED show home, BioRegional's exhibition and the ZEDfactory exhibition which are all on-site at BedZED.

13.15 Designing in sustainability through product selection

Mark Watson, Executive Director and Tom Hill, Sustainable Products Coordinator, One Planet Products

How to measure impacts such as the ecological footprint, eco points and carbon emissions; how to set targets and minimum standards, and carrying this through into product selection.

13.45 Designing with Sustainables in mind.

Asif Din, Senior Architect, ZEDfactory Ltd

14.15 Discussion and Questions

14.30 Break

15.00 Workshop: Making it happen – sustainable procurement strategies

Mark Watson, Executive Director and Tom Hill, Sustainable Products Coordinator, One Planet Products

Assessing the opportunities to reduce the impacts of construction materials.

16.00 Closing Discussion

16.30 Feedback forms and Depart



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.

“I have been familiar with the principles of sustainability for some years. BioRegional's One Planet Living course showed me how these principals may be practically incorporated into engineering designs to give benefit to the client, the community and the environment. I am convinced that BioRegional and their BedZED concept is a glimpse of the future development of our cities.”

Rob Moorhead, Senior Consultant, KBR, Halliburton

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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