

One Planet Living®

BioRegional's vision is for a future in which everyone can enjoy a high quality of life, while living within their fair share of the Earth's resources and leaving space for wildlife and wilderness. One Planet Living is an ambitious, holistic and practical framework for achieving this vision.



BioRegional works with partners to develop Sustainability Action Plans based upon our ten One Planet Living principles, which cover environmental, economic and social sustainability. We use tools such as carbon and ecological footprinting, life cycle assessments and local economic multiplier analysis to set targets and assess strategies.

Our exemplary partners have committed to taking measurable steps towards genuine sustainability - from zero carbon buildings that enable sustainable carbon footprints, to procurement policies that support decent working conditions. They are cost-effective, inspirational and replicable.



The prototype - BedZED

BedZED is the UK's largest mixed use sustainable community, with a mix of average local people living and working there. Our comprehensive plans and detailed monitoring provided the inspiration and research base for One Planet Living.

Key outcomes from BedZED:

- Higher reported quality of life, with a strong sense of community;
- Significantly lower use of heat (81%), electricity (45%), water (58%) and car mileage (64%);
- Further lifestyle changes driven by strong community, including high recycling rates (60%) and sustainable food choices;
- Lessons learned in lack of attention to topics such as long-term management (for example, management of the biomass Combined Heat and Power Plant);



See our BedZED briefing sheet and www.bioregional.com/bedzed for more information.

Visions of One Planet Living

BioRegional works in partnership with local authorities, businesses, community developers and others to demonstrate our vision. A selection of our exemplary partnerships are described on the next page.

B&Q One Planet Home

BioRegional and B&Q have embarked on a three year partnership to develop and implement two sustainability action plans. **The operational plan looks at reducing the impacts of B&Q's company activities, leading to a 90% cut in direct emissions by 2023.** To meet this challenging target, all stores will need to be zero



carbon and emissions from transport cut by at least 50%. We are currently working with B&Q to develop a zero carbon strategy for all new stores to be zero carbon by 2012. The customer plan will help B&Q's customers achieve One Planet Living

in their homes and gardens through their One Planet Home product range. BioRegional assessed these products against the ten One Planet Living principles, and we continue to work with B&Q to expand the range with new products.

The London Borough of Sutton

We are working with the council to retrofit the existing buildings, infrastructure and services used by the 99.95% of the population who don't live or work at BedZED. The action plan integrates Local Area Agreement targets, monitoring mechanisms such as EMAS, policies including the planning Local Development Framework and existing initiatives such as Smarter Travel Sutton. BioRegional has recently completed the Council's sustainability action plan, and has been working on a number of other practical initiatives including masterplanning for the Hackbridge suburb, an energy options analysis of the existing housing stock, household audit pilots and workshops with key voluntary sector organizations.

Sonoma Mountain Village

BioRegional is working with Coddling Enterprises to ensure that the **1900-home new community will thrive in 2020, with a sustainable average ecological footprint.** No resident will be more than a five-minute walk from groceries, restaurants, day

care and other amenities that will in turn offer local, sustainable and Fairtrade products and services. Construction is now underway, with zero waste supply chains for construction materials and 1,900 jobs being created. A non-profit business incubator and other investment in long-term management will carry this benefit forward past 2020.

London 2012 Olympics

London's original bid for the 2012 Olympic Games relied on One Planet Living principles as a framework for achieving a sustainable Olympic Games ('Towards a One Planet Olympics'). BioRegional jointly developed this sustainability strategy, and we have since been active in helping London 2012 deliver this vision. We were instrumental in providing input into London 2012's Sustainability Plan, *Towards a One Planet 2012*. We have given advice on the Olympic Delivery Authority's Sustainable Development Strategy and are currently working with stakeholders on the programme-wide London 2012 Sustainability Plan Update. BioRegional's Olympic projects include Olympic Park demolition surveys aimed at reclaiming and reusing construction materials, carbon footprint analysis, and sustainable design of the International Broadcast and Media Press Centre as sustainability integrators.



One Planet Products

BioRegional set-up this members-owned club to specify and purchase sustainable construction products, materials and services more cost effectively and easily. **We provide a comprehensive assessment of suppliers against the ten One Planet Living principles, to help members meet EcoHomes and Code for Sustainable Homes standards** without the need for their own expensive and time-consuming research. The web site allows members to compare listed products rapidly and effortlessly.