

Green Construction Roundup

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### **Periodical Articles**

#### **Costs and challenges of biodiversity planning**

Ecological features are now commonplace in building projects, either because regulators require them, or because clients wish to promote biodiversity and wildlife habitats. The range and scale of these features varies enormously.

Looks at some of the challenges in dealing with British fauna and flora and costs the most commonly specified solutions.

*Building*. 25 June Pg. 58-61

<http://www.building.co.uk/data/costs-and-challenges-of-biodiversity-planning/5001607.article>

#### **Zero carbon: Four for the price of three**

The coalition housing minister, Grant Shapps, announced that the government was committed to making new homes zero carbon after 2016. However, there has been little evidence of the mass roll-out of homes that meet any level of the Code for Sustainable Homes. And with the housing market still in the doldrums the appetite for investing in more low-energy prototypes isn't likely to return soon. Article looking at the possible future place of zero carbon in home designs.

*Building*. 18 June Pg. 58-59

<http://www.building.co.uk/technical/zero-carbon-four-for-the-price-of-three/5001322.article>

#### **What is acceptable behaviour in an office**

Installing energy-efficient plant and using it intelligently, are two examples, according to the Carbon Trust mini-conference. Article looking at the conference findings and explaining why the recommendations could save us £27 billion over the next 40 years.

*Building*. 18 June Pg. 65-70

<http://www.building.co.uk/technical/what-is-acceptable-behaviour-in-an-office?/5001169.article>

#### **Could green technology be the games greatest legacy**

The Angel of Leyton, scrapped recently, turned out to be a rather less powerful totem than Olympic organisers hoped. However, it wasn't that the pound signs didn't add up; it became clear that Stratford was not windy enough and the turbine would have provided half the amount of power that had been expected. Article looking at the proposed renewable energy legacy of the Olympic Park.

*Building Design*. 11 June Pg. 7

<http://www.bdonline.co.uk/news/could-green-technology-be-the-games%E2%80%99-greatest-legacy?/5000862.article>

### **Your next crisis is on its way**

Reducing the amount of embodied energy in building materials is the next obvious carbon challenge. This article looks at what embodied carbon is, how much is contained in buildings, and how a building's whole life carbon footprint is measured. The article also discusses the possibility of a future 'common carbon metric'.

*Building*. 04 June Pg. 40-43

### **Low-energy retrofit: Heating a house with a towel rail**

The modest terraces lining a quiet residential street in Balham, south London hold the key to the government reaching its 2050 target for slashing carbon emissions. Last year the Technology Strategy Board, set up to promote innovation in the UK, launched a scheme to demonstrate how cuts can be made in the carbon emissions from social housing.

64 Midmoor Road, owned by housing association Family Mosaic, is one of 87 projects getting under way. Over the coming four months *Building* will be following the progress of the project in a fortnightly diary, at

<http://www.building.co.uk>

*Building*. 04 June Pg. 44-45

<http://www.building.co.uk/technical/sustainability/low-energy-retrofit-heating-a-house-with-a-towel-rail/5000510.article>

### **Low profile living**

Article, in pictures, showing a private house in the New Forest, designed by Perring Architecture + Design, intended to make a minimal impact on this ancient woodland site. The dwelling comprises two wooden-clad boxes separated by a central glazed section. One box is connected to the house and contains the master bedroom; the other, containing a guest bedroom, is separate. The glazed area contains a large kitchen diner and living space, facing south to maximise solar gain in the winter.

*Building – the regs files (supplement)*. 04 June Pg. 8-9

<http://www.building.co.uk/in-pictures-low-profile-living/5000599.article>

### End Note

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