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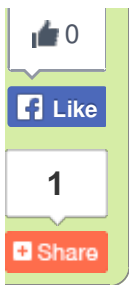
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Zero Carbon Homes Can Be Affordable

Posted on 05. Dec, 2011 by [Maryruth Belsey Priebe](#) in [Articles](#)

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Residents of a new housing development will get to experience the life of zero carbon living. Recently opened in [Norwich, UK](#), the 12 home complex uses the latest low carbon technology and [green house plans](#) to achieve extremely high energy efficiency. And by producing much of the electricity they require using renewable energy systems, these homes will provide significant benefits to the residents.

The complex has two bungalows, four two-bed flats, and six two, three, and four bedroom houses in all which are being made available to local residents at affordable rental rates. The homes also feature things like high levels of insulation in the floors, roofs, and walls; recycling of bathwater for flushing toilets; and smart energy monitoring systems for additional energy savings.

Broadland portfolio holder for communities and housing, Cllr Jo Cottingham said “We are committed to providing good housing that people can afford in Broadland and this paves the way for the wider eco-community project which is our long term ambition.”

Chris Blincoe, Project Manager, Low Carbon Innovation Centre, said: "The Low Carbon Innovation Centre (LCIC) at the University of East Anglia have been involved with the Trinity Close development since the very start of the construction process which has enabled us to monitor the whole life cycle of the build. This includes everything from the energy required to manufacture the materials and transport them to site through to the performance of the houses now that they are being lived in. We will also using the data we collect to help the tenants understand how much energy they are using and how they can maximise the potential of the homes to keep their energy bills as low as possible."

This is a great example of the potential for zero carbon, eco-friendly green developments to also be cost-effective and affordable.

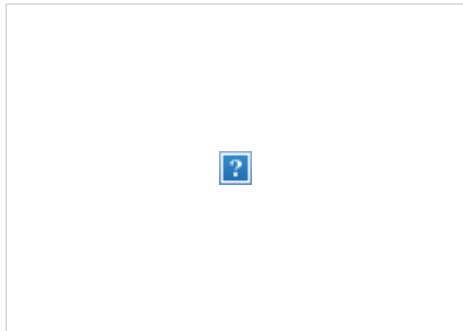


Image sources: [Circle](#) and [Flickr](#).



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About YellowBlue Designs

We blog about green building practices to help you create energy efficient homes.

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