

## INTRODUCTION

**W**ELCOME to our third newsletter designed to keep you up-to-date with what's happening at Stamford Brook – a sustainable and energy efficient new homes venture by Redrow Homes and Bryant Homes, in partnership with The National Trust.

This newsletter is distributed to the residents of Stamford Brook, and other interested individuals who have registered to our mailing list. If you don't currently receive Stamford Brook News, but would like to, please complete the coupon on the reverse and return it to The National Trust.



## BUILDING BEYOND THE STANDARD

**S**TAMFORD Brook is taking part in a "Partners in Innovation" (Pil) project run by Leeds Metropolitan University for the Office of the Deputy Prime Minister. The project aims to find ways of improving the energy efficiency of masonry buildings and thus reduce greenhouse gas emissions. Results of the project will influence future changes to building regulations in the UK.

where warm air leaks out of the house and cold air sneaks in, are a thing of the past. As part of the Pil project, the University team will test how "leaky" homes are.

Ten of the homes at Stamford Brook will be monitored for twelve months. Their external and internal temperatures, humidity within the property and indoor air quality will be among a number of factors that will be measured by the University.

Jez Wingfield from LMU explains, "The intensive monitoring programme is designed to measure actual energy consumption and efficiency of the various systems in each house, such as central heating and hot water. This information is then compared to what we've predicted from our computer models, and to what we've observed during the construction of the houses. As they are very airtight, we are also taking air quality measurements inside the dwellings to confirm that the mechanical extract systems are working as expected. The knowledge that we gather will help develop building regulations that control the energy efficiency and ventilation of new homes, and will contribute towards reducing



Using a smoke gun to detect air leakages

Houses and apartments at Stamford Brook are highly insulated, with an excellent level of air tightness, illustrating that draughts caused

the impact on global warming of the thousands of new homes built every year."

Peter Crowe, who moved into a home on Vaughan Road with partner Jayne Cordingley last December,



A researcher testing for air tightness

and is participating in the monitoring scheme said, "Living at Stamford Brook is a fantastic opportunity to be involved with an ecological project which is helping to improve the environment. In buying a home here we've basically 'voted with our mortgage' and made a positive

contribution to saving energy. There's also definitely a different 'feel' to our home - for example it's warmer and more comfortable due to lack of draughts.

"We've always supported energy conservation and we're delighted to see this initiative being undertaken by The National Trust, together with developers Redrow and Bryant Homes."

Jez adds, "We're looking for more volunteers to take part in the monitoring programme. This would involve a range of sensors and meters being placed in your home for a period of 12 months, a couple of short interviews and an air tightness test of the house."

Peter commented, "The researchers from Leeds have been very considerate and the monitoring is discrete and unobtrusive - once they are fitted they can be forgotten."

If you live at Stamford Brook and are interested in helping or just want to know more, please call Jez on 0113 283 2600 ext 4095, or email him at [j.wingfield@leedsmet.ac.uk](mailto:j.wingfield@leedsmet.ac.uk)

## THE FUTURE FOR STAMFORD BROOK

**W**ONDERING what will happen once Bryant Homes and Redrow Homes finish the construction of Stamford Brook, expected to be 2009? Well, the river and wildlife corridors will remain as part of the National Trust's Dunham Massey estate. These areas will be leased to the Stamford Brook Management Board, which will

comprise of residents nominated as directors together with two National Trust staff.

The management board will oversee the upkeep of the development and will employ a maintenance company who will be responsible for the day-to-day management of the river and other open areas.



The newly constructed channel

## BRIDGING THE GAP

**W**ORK began on the construction of the road bridge linking the spine road (Stamford Brook Road) to Sinderland Road last January. The contractors Birse Civils Ltd anticipate work will take seven months. At the same time the bridge is being constructed, work is also being undertaken

by Trafford Metropolitan Borough Council to improve the roundabout on Sinderland Road, where the new road bridge will connect.

The project team visited Broadheath Primary School on 9 February to talk to pupils about the dangers of construction sites.



## MINISTERIAL VISIT

**E**LLIOT Morley MP, Minister for Climate Change and Environment, toured Stamford Brook on 30 January as part of the North West Climate Change Roadshow.

Mr Morley, whose portfolio includes energy efficiency and sustainable development, was given a demonstration by the Leeds Metropolitan University team to highlight the Pil project. The Minister was also shown recycling bins that

are provided in each home to help owners segregate their rubbish.

He also walked along one of the newly created footpaths through the new river restoration scheme, which borders the development, together with a sustainable urban drainage scheme. The latter will channel excess water from the development into retention basins, and ultimately into the river, preventing flooding and providing wildlife habitats for birds and aquatic wildlife.



Peter Crowe, resident at Stamford Brook, shows the Minister the recycling bins

## DO YOU LIVE AT STAMFORD BROOK? WE NEED YOUR HELP....

**W**e need volunteers for the “Partners in Innovation” (Pil) project being run by Leeds Metropolitan University for the Office of the Deputy Prime Minister.

Jez Wingfield from Leeds Metropolitan University explains, “We’re looking for volunteers for the monitoring programme. This

would involve us reading your utility meters every month, with the option of a short interview and an air tightness test.”

If you live at Stamford Brook and are interested in helping or just want to know more, please call Jez on 0113 283 2600 ext 4095, or email him at [j.wingfield@leedsmet.ac.uk](mailto:j.wingfield@leedsmet.ac.uk)



Jez Wingfield from Leeds Metropolitan University explaining the monitoring to Elliot Morley MP

For further information on Stamford Brook contact Catherine Prasad, Stamford Brook, Project Co-ordinator on 07879 657190 or visit [www.stamfordbrook.co.uk](http://www.stamfordbrook.co.uk)

Redrow Homes  
Marketing Suite open  
10am – 5.30pm daily  
For details call **0161 962 6276**

Bryant Homes  
Marketing Suite open  
10am – 5.30pm daily  
For details call **0161 969 3802**

For more details about The National Trust visit [www.nationaltrust.org.uk](http://www.nationaltrust.org.uk)

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