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SOLUTIONS**



# Lessons



# Partners



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PICK EVERARD



**dmu.ac.uk**  
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**VANGUARD HOMES LTD**

Technology Strategy Board  
Driving Innovation

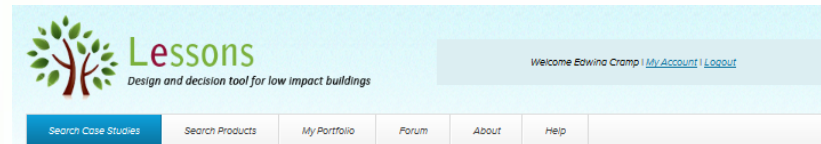
# The need ...

Despite articles, seminars, papers, benchmarking, the probe studies et al. the construction industry is still not good at learning lessons and building upon them. Fee levels are a factor

A step change in the feedback loop & in productivity is needed ...



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## Design and decision tool for low impact buildings...

Lessons supplies users with easy access to the knowledge gained and lessons learnt by construction professionals from their previous building design experience. Intuitive and easy to use, Lessons allows for both novice and expert user. The knowledge outputs empower building designers, allowing you to draw on the experiences and insights of past designs. The results are better informed decisions even when dealing with less familiar or new technologies.

Are you a client, building owner, or a building designer?

Lessons is an online knowledge sharing platform which allows users to draw on past experience and insight of sustainable building designs.

Are you a Manufacturer of building related products?

Lessons is set to become the industry standard method in connecting designers of low carbon buildings to the leading innovative manufacturers and their products.

# Key points

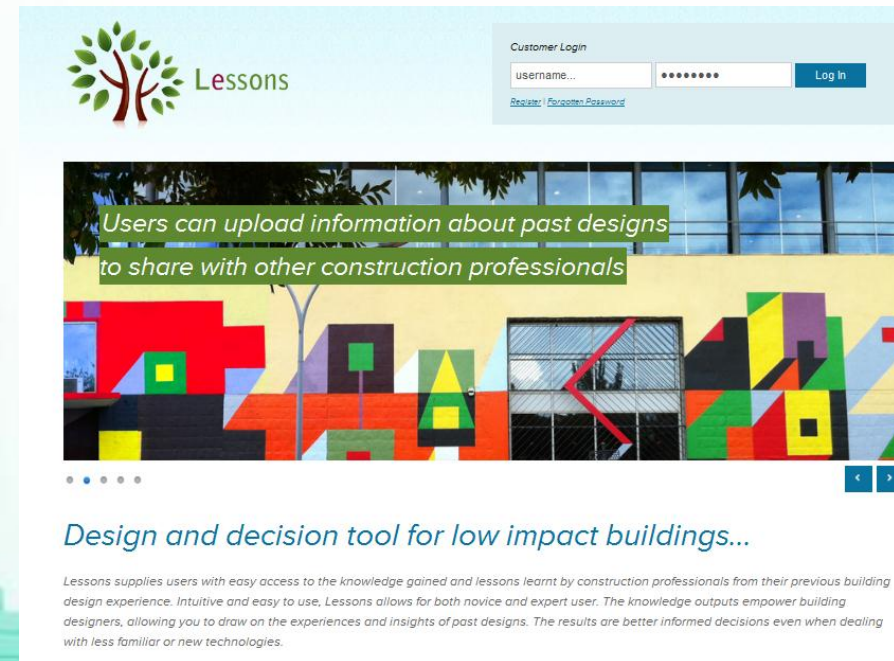
Lessons is a tool that allows users to capture the essence\* of a design, document their experiences & share it so that everyone can reuse it in their own models

Lessons learnt can be directly applied to new projects digitally in a matter of moments!

*\* Strategies, data & relationships are captured but not the project specific geometry; what is captured can also be refined if required and lessons can be anonymous for client privacy*



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The screenshot shows the 'Lessons' website interface. At the top left is the 'Lessons' logo, which consists of a stylized tree icon and the word 'Lessons'. To the right is a 'Customer Login' section with a 'username...' input field, a password field with dots, and a 'Log In' button. Below the login section is a large banner image of a modern building facade with colorful geometric patterns. Overlaid on the banner is the text: 'Users can upload information about past designs to share with other construction professionals'. Below the banner are navigation dots and arrows. Underneath the banner is the heading 'Design and decision tool for low impact buildings...' followed by a paragraph of descriptive text: 'Lessons supplies users with easy access to the knowledge gained and lessons learnt by construction professionals from their previous building design experience. Intuitive and easy to use, Lessons allows for both novice and expert user. The knowledge outputs empower building designers, allowing you to draw on the experiences and insights of past designs. The results are better informed decisions even when dealing with less familiar or new technologies.'

# Key points

Lessons is usable by all ....  
Building professionals and  
manufacturers

It is relevant to new designs,  
existing buildings, case studies,  
manufacturers studies and so  
on ...

It is a ... shared conversation &  
a bootstrap mechanism!



**Are you a client, building owner, or a building designer?**



**Lessons**

*Witness the many benefits for yourself:*

- Rapid formulation and evaluation of design
- Improved quality of low-carbon building design through shared knowledge
- Access to an ever-growing open source knowledge base and expertise founded on previous building design experience
- Ability to integrate your favourite designs directly into the IES Virtual Environment software

Lessons is an online knowledge sharing platform which allows users to draw on past experience and insight of sustainable building designs.

Sign up for **FREE** today at >

[www.buildinglessons.com](http://www.buildinglessons.com)



**Are you a Manufacturer of building related products?**



**Lessons**

*Some of the many unique benefits include:*

- Real life case studies with information on how your products have contributed to low carbon designs
- A unique 'sustainable' sales channel to all tool users
- Low cost indirect marketing
- Ability to integrate and analyse product performance within the IES Virtual Environment software

Lessons is set to become the industry standard method in connecting designers of low carbon buildings to the leading innovative manufacturers and their products.

Sign up for **FREE**

Interested in deeper integration within the IES? Contact [enquires@iesve.com](mailto:enquires@iesve.com)  
Sign up and find out more about our other FREE offers at [www.buildinglessons.com](http://www.buildinglessons.com)

# Example

## Monodraught wind-catcher case study ....

### Tesco Corby – Windcatcher

Added 03/05/2013

**Building Name:** Tesco Supermarket

**Building Location**

City: Corby

County: Northampton

Country: United Kingdom

**Building Type:** Supermarket

**Market Sector:** Retail

**Architects:**

Woods Hardwick [www.woodshardwick.com](http://www.woodshardwick.com)

**Installation Date:** Completed January 2013

#### Description

Monodraught has supplied and installed twelve of its WINDCATCHER X-Air® systems to provide natural ventilation for the 82,500 square foot sales area of Tesco's newest and largest Eco Store, which opened in Corby, Northamptonshire in January 2013.





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## Comment

The online portal was launched at Eco-build 2013; it safely shares sustainable building design strategies & learning with industry peers

It is free; manufacturers do pay to link relevant products to case studies & this funds the portal

The data only aspect of a lesson has also been made available to VE users for significant productivity & quality gains

[www.buildinglessons.com](http://www.buildinglessons.com)