

How to book

Houses are open 11am to 4pm, and there will be 30-minute guided tours at 11am, 12 noon, 2pm and 3pm

Suggested donation £2 per visit

The bookings hotline is **07837 183271** (9am to 5pm)



Introductory event

Eco-Renovation Question Time and launch of Open Eco Houses days

Tuesday June 15th • 7.30pm

St Luke's Church Centre, Victoria Road, CB4 3DZ

Meet the experts, find out about our Open Eco Houses days and ask your questions about how to turn your house into a climate-friendly home. On the panel: Anne Cooper (sustainable architect), Andy Brown (sustainable construction consultant), Tim Acheson (green builder) and Justin Smith (Council Home Energy Officer and grants specialist). In the chair: Sian Reid, Executive Councillor for Climate Change and Growth.

Organised by Cambridge Carbon Footprint.
Admission is free, and refreshments will be served.
Donations are welcome.



For more information see cambridgecarbonfootprint.org

Sponsored by



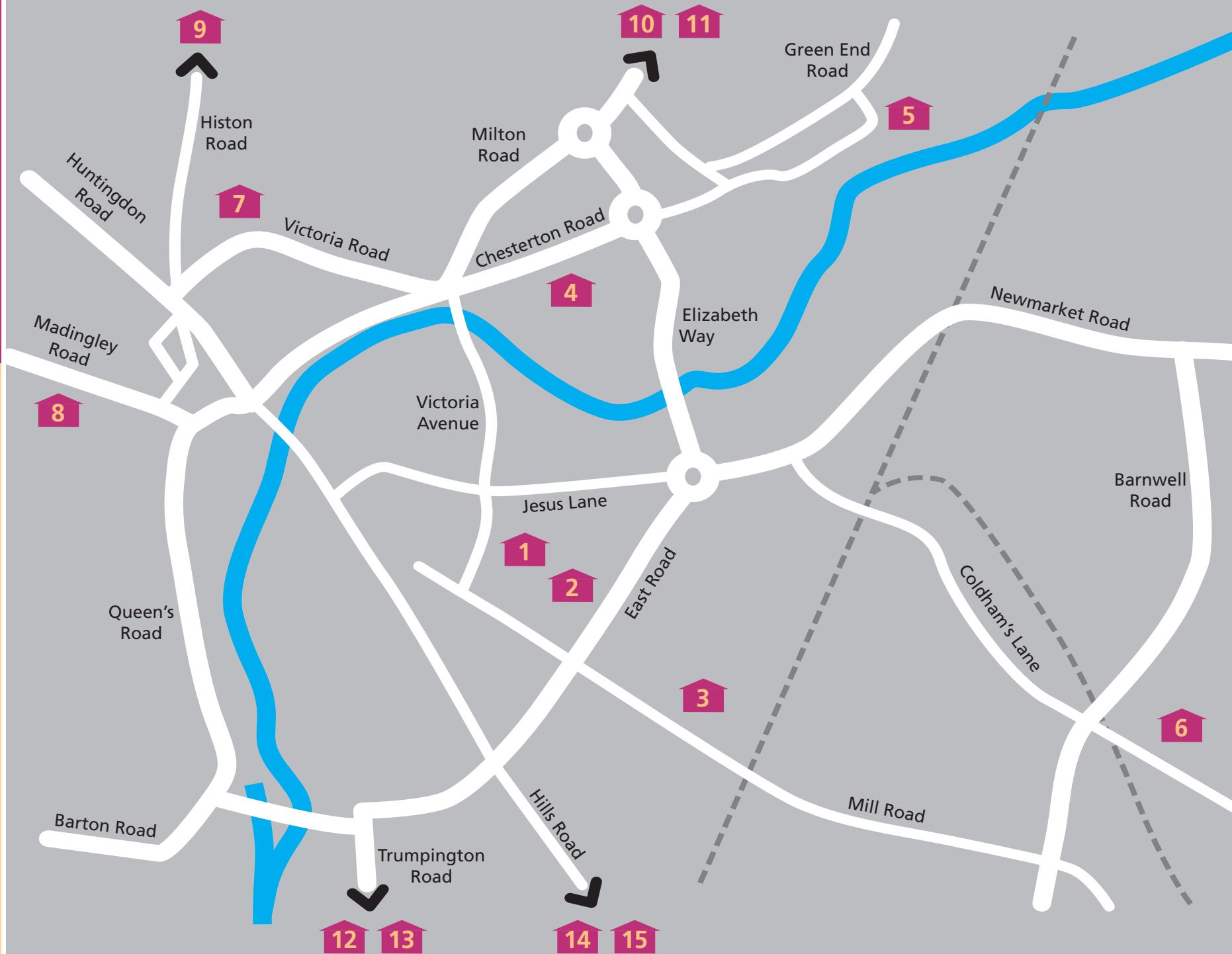
Visit remarkable eco homes in and around Cambridge to learn more about eco-renovation, energy efficiency and low carbon living



15 houses in and around Cambridge open their doors to show best examples of how you can renovate your home to make it truly climate-friendly

Find practical and inspiring ideas for eco-renovation and energy efficiency, whether you're wanting to upgrade an older house, or contemplating a new-build project. You can visit a range of house types and see a range of technologies and approaches from simple-to-fit DIY measures to major total refurbishments, including super-insulation with solid wall and cavity wall examples, draught exclusion, photovoltaics, solar hot water, ground-source heat pumps, green roofs, low-water use and rainwater storage, double and triple glazing and more!

Booking is essential – phone **07837 183271** to reserve your place.



1

Central Cambridge

Architect-designed renovation of early Victorian terraced house in a conservation area. Features include internal wall insulation, heat recovery in kitchen and bathrooms and solar hot water. Pellet stoves provide extra heat in winter.

20 and 26 June

2

Central Cambridge

Renovation project of a listed Victorian terrace, including replacement double-glazing for the sash windows and solid wall insulation, as well as a new sunspace, rainwater harvesting and an air-source heat pump for underfloor heating.

20 June

3

Off Mill Road

Victorian terrace with external and internal insulation on solid walls; replacement triple-glazed windows and doors; highly insulated flat roof with sedum finish; wood-burning stove, condensing boiler and low-water use bathroom with heat recovery ventilation.

20 and 26 June

4

Chesterton Road

This 6-bedroom detached Victorian house and former shop has been extensively eco-refurbished with a new two-storey bay with thermal shutters, lots of insulation, a heat recovery and ventilation system, solar hot water, and a sunpipe.

20 and 26 June

5

Chesterton

New-build timber-framed house (Scandia Hus) with ground-source heat pump supplying underfloor heating. Whole-house heat recovery system. All windows and doors are triple-glazed; walls and loft are super-insulated (320mm and 530mm respectively). 1.9 Kw of solar photovoltaics; rainwater harvesting.

20 and 26 June

6

Off Coldham's Lane

Eco-retrofit of a 1950's ex-council house including solar hot water, a wood-burning stove that heats water and central heating, a large water tank, and a small green roof. Insulation – cavity walls, sheep's wool in the loft, and even under the bath.

20 and 26 June

7

Off Victoria Road

Architect redesign and extension of a 1930's house, for low-carbon open-plan living. Floors, solid walls and roof are highly insulated; underfloor heating, with a wood-burning stove as supplement; solar hot water; rainwater harvesting; natural ventilation strategy.

20 and 26 June

8

Madingley Road

Newbuild eco-house in a conservation area. The house is timber-framed and south facing, designed for passive solar gain and includes hemp insulation and internal walls made of clay blocks for thermal mass. A ground-source heat pump supplies underfloor heating; there's also rainwater harvesting, a sedum roof and solar hot water.

20 and 26 June

9

Histon

A 1970 semi-detached house, retrofitted with recent cavity and 300mm loft insulation; space heating is provided by a wood-burning stove, hot water by solar panels and electricity by a 2.1Kw hybrid solar photovoltaic system.

20 and 26 June

10

Milton

Renovation of this farmhouse includes solar hot water and 2Kw of solar photovoltaics - the owner can monitor the data via a website. A wood-burning stove helps to heat the house in winter. Also heat recovery system and double-glazing.

20 and 26 June

11

Waterbeach

A 1917 family house, retrofitted with condensing boiler and lots of insulation (cavity walls, loft). DIY measures include draught-proofing and chimney balloons. New solar photovoltaic and solar hot water systems are expected to generate 1200kWh and 2100kWh per year respectively.

20 and 26 June

12

Trumpington

Eco-renovations to make a 1947 ex-council house more energy-efficient - including a wind turbine, solar hot water and a highly insulated loft conversion. Rainwater and greywater are collected for the garden. Reclaimed wood, new patio doors, large productive garden.

26 June

13

Stapleford

Upgrade and extension of a 1957 semi-detached house with innovative technologies for the heating system. An air-source heat pump provides underfloor heating, which is supplemented by ecovector radiators. Flueless gas fires top up the heat level in winter.

20 and 26 June

14

Hills Road

DIY measures and careful monitoring of energy use resulted in saving a third of heating costs in this 3-storey Edwardian house. Projects include secondary glazing (DIY and installed), thermostatic radiator valves, low energy lighting, thorough draught-proofing, and lots of insulation.

20 and 26 June

15

Near Addenbrookes

Architect refurbishment and two-storey house extension for a 1950's house, to create a low-carbon family home. Features include super-insulation, underfloor heating, gas condensing boiler, solar hot water and rainwater harvesting.

20 June

