

Traditional Buildings: Adapting for a Low Carbon Future

Wednesday 30th March 2011 9.00am – 5.00pm

Rheged, Redhills, Penrith CA11 0DQ.

A **FREE** one day conference exploring the current methods, materials, research and case studies on the refurbishment of traditional buildings.

Of interest to:

- Local Authority personnel
- Construction Industry professionals
- Those living in a traditional building
- People involved in the maintenance of a place of worship or community building.

Supported by

RIBA 

IHBC recognised for CPD

Endorsed by the Register of Architects Accredited in Building Conservation

Places are limited and must be reserved before 25 February

For a booking form please email skills@nect.org.uk or call 0191 232 9279 to request one by post

A joint conference by Churches Trust for Cumbria, Cumbria Action for Sustainability and the Cumbrian Heritage Skills Initiative.

Part of the NWIEP: CLASP training programme and European Social Funded Greenways to Work project.

Traditional Buildings: Adapting for a Low Carbon Future

The refurbishment of our existing building stock is one of the biggest challenges the UK currently faces - it needs to not only provide significant reductions in energy use, but changes have to be sympathetic to the character and fabric of our historic buildings.

Cumbria has a wide range of traditional dwellings from clay dabs to inter-war semis, character stone cottages to brick terraces. It also has a wealth of architecturally significant places of worship, public and community buildings. It is essential that we work with these buildings, whatever construction or materials, to reduce their carbon impact.

This FREE cutting-edge conference explores our current knowledge and research in this field, together with practical case studies appropriate to Cumbria's broad range of building stock.

The speakers, drawn from diverse backgrounds, are all practically involved in the subject and the seminars are complemented by a closing debate, where there will be an opportunity to raise questions.

The conference will be of interest to professionals, Local Authority personnel, contractors, homeowners and those responsible for places of worship, public and community buildings.

There will be an accompanying exhibition of relevant local businesses and organisations.

Programme:

9.00	Registration
9.30	Welcome
9.40	Keynote presentation – Roger Curtis, Historic Scotland
10.30	Traditional buildings: Why must we treat them differently?
11.00	Refreshments
11.30	Seminar Session 1
12.15	Seminar Session 2
13.00	Lunch
14.00	Seminar Session 3
14.45	Seminar Session 4
15.30	Refreshments
16.00	Event summary and debate of key topics
17.00	Event close

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Seminar choices:

Key:

All - Suitable and applicable to all

Tech - Aimed at a technical or professional audience

TH - Useful for those adapting/ involved with traditional homes/ dwellings

PW - Aimed at those representing/involved in the maintenance of places of worship

Seminar Session 1 - Options:	
SPAB research project – heat loss in traditionally constructed buildings	TH/Tech
Financial Incentives for renewable energy: FITs and the RHI explained	All
Going Green – Helping places of worship find the right path	PW
Getting renewables in place: working with the planning system: listed buildings, conservation areas and national parks	Tech/TH
Seminar Session 2 - Options:	
Building regulations Part L: 2010	Tech
Limecrete floors: insulated, breathing, floors	All
Energy Audits for faith building and easy steps to energy efficiency	PW
Ventilation and air permeability of traditional dwellings: controlling moisture and maintaining building performance	Tech/TH
Seminar Session 3 - Options:	
Renewables technology: the options for non-domestic buildings	Tech
Research into the thermal performance of traditional windows	TH
Places of Worship & micro-regeneration; the options for saving and generating energy	PW
Implementation of Part L to existing buildings	Tech
“Retrofit for the Future”: a template for future refurbishments across the UK	Tech
Seminar Session 4 - Options:	
Renewable energy - optimising the solution for an individual rural housing development in Cumbria	TH
Traditional buildings performance: internal and external insulation	All
BREEAM Domestic Refurbishment Standard	Tech
“Retrofit for the Future”: a template for future refurbishments across the UK	Tech
A public inconvenience? Reducing the environmental impact of toilets	All/PW

An outline of each of the seminar options is provided with the Conference booking form.