

Energy efficiency and sustainability in traditional buildings – background.

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# Climate change and the historic environment

Direct

Indirect



# Climate change and the historic environment



Threats

Opportunities

## Direct Impacts :

- Increased precipitation (variable)
- Increased temperature (variable)
- Increased weather events
- Sea level rise

## Resulting in :

- Accelerated decay
- Loss of historic fabric and cultural heritage



## Indirect Impacts :

- Inappropriate responses based on poor data
- Commercial opportunism

## Resulting in :

- Accelerated decay
- Loss of historic fabric and cultural heritage
- Loss of low carbon buildings
- Waste of resources
- Increased emissions





## Our approach

New Climate Change Unit established in April 2010.

- Technical & scientific research – baseline and sacred cows.
- Evaluating direct and indirect impacts of climate change
- Provision of technical solutions to adaptation challenges
- A voice for traditional buildings.
- Driving Agency performance in this area.



## Opportunities ?

- Sustainability agenda
- Repair rather than replace
- Adapt rather than rebuild
- Traditional skills
- Traditional materials



