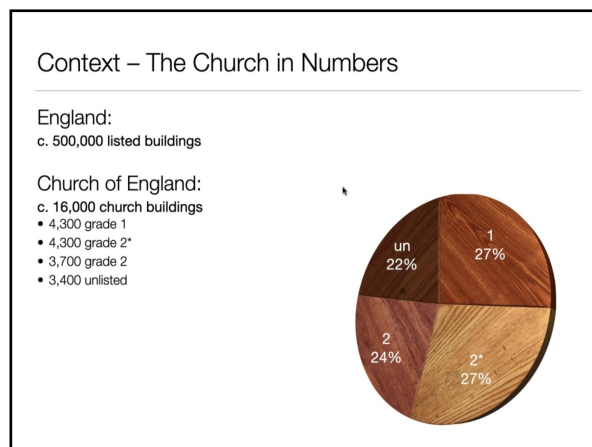


2.2 English Parish Churches and Sustainability

Dr Nigel Walter



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Context – Responding to the Climate Crisis

Net Zero Carbon Target: 2030!

- February 2020: Church of England General Synod adopts net zero carbon target

Living Heritage:

- Role of the Core Community

Fifth Mark of Mission:

- 'to strive to safeguard the integrity of creation and sustain and renew the life of the earth'

Three documents...

Dunstable Priory

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1. The Practical Path to Net Zero Carbon

- **A. Where do we start?** – Simple actions, easy, fast payback. E.g. basic maintenance, LED lamps, and switching to renewable sources of energy.
- **B. Where do we go next?** – For churches with medium energy use which are used more than once a week – 50%. More expensive, more complex. E.g. insulation in existing roof voids, draught lobbies, creating separately heatable smaller spaces.
- **C. Getting to zero** – For busy churches with high energy use. These are bigger and more complex projects, with longer payback and a greater carbon cost. E.g. new LED lighting systems, photovoltaic panels.
- **D. "Only if..."** – Generally done with other work. E.g. adding insulation during a reroofing project, changing heat source, electric vehicle charging points.
- **E. By exception** – Things NOT to do, because of the risk of irreversible harm to historic fabric, etc.

www.churchofengland.org/resources/churches/net-zero-carbon-church/practical-path-net-zero-carbon-churches

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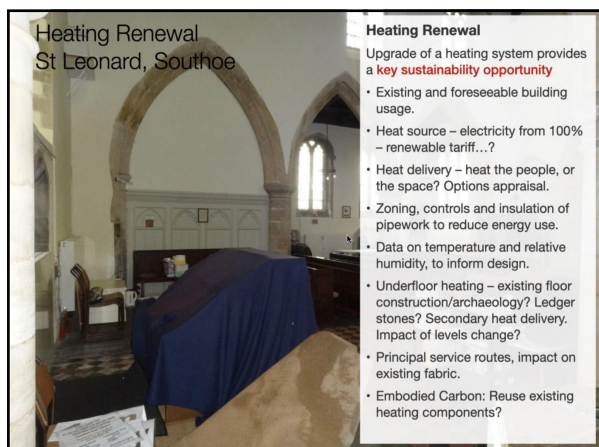
2. Best Practice Notes: Project Works

- Aim: well presented, holistic applications
- First, principles that apply to any project
- Second, specific areas:
 - Heating renewal
 - Roof replacement
 - Other building improvements
 - Solar panels
 - Heat pumps
 - Car charging points
 - Reordering and other projects
- Other matters: monitoring and data gathering
- Refers to the 'Practical Path to Net Zero Carbon'
- www.easynet.co.uk/index.php/resources/sustainability-net-zero-carbon

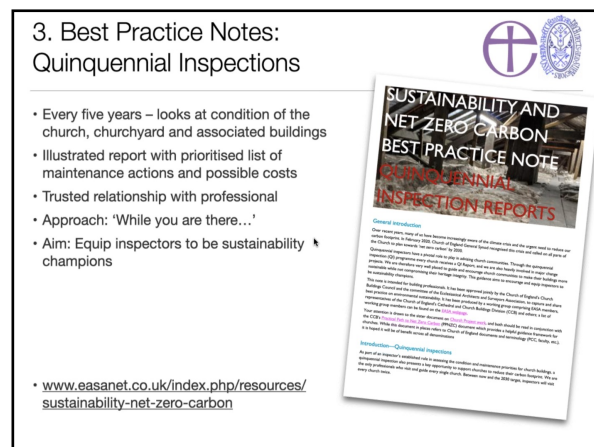
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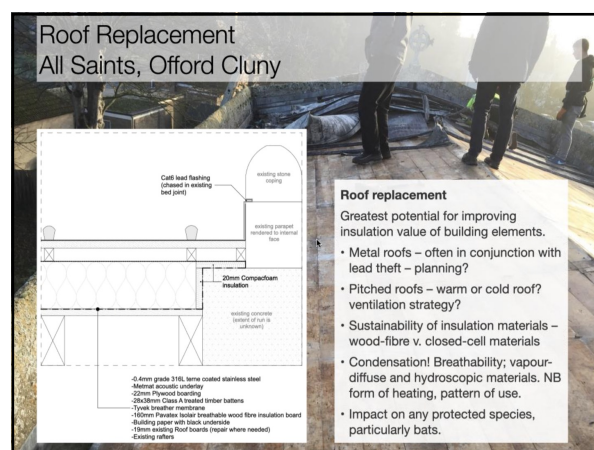
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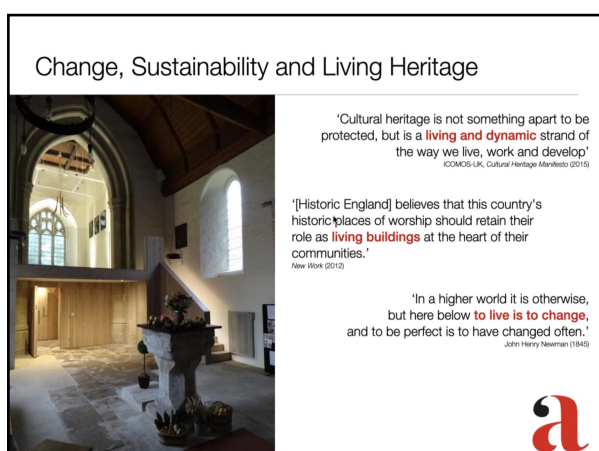
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