



COMMUNITY
ENERGY PLUS

Futureproofing community assets

understanding the role of
insulation and renewable energy

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Community Energy Plus

- Cornwall's energy advice agency
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 - **0800 954 1956**
- Tackling fuel poverty
- Transition to a low carbon future



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Advice guides available for download here:

<https://www.cep.org.uk/resources/factsheets-and-leaflets/>



Understand the Energy Hierarchy

1

USE LESS

- Turn it off
- Turn it down
- Don't use standby

2

BE EFFICIENT

- Understand your consumption
- Insulate

3

GO LOW CARBON

- Renewable technologies

Educate yourself

- When is energy used in your building?
 - Each day
 - Each week
 - Seasonally
- Which appliances are energy hungry?
- Which ones take a small but constant draw?



Smart Plugs with energy monitoring

- Greater control
- Understand consumption

Smart meters

- Usually free – ask your supplier if they are installing
- **Use the in-home display**

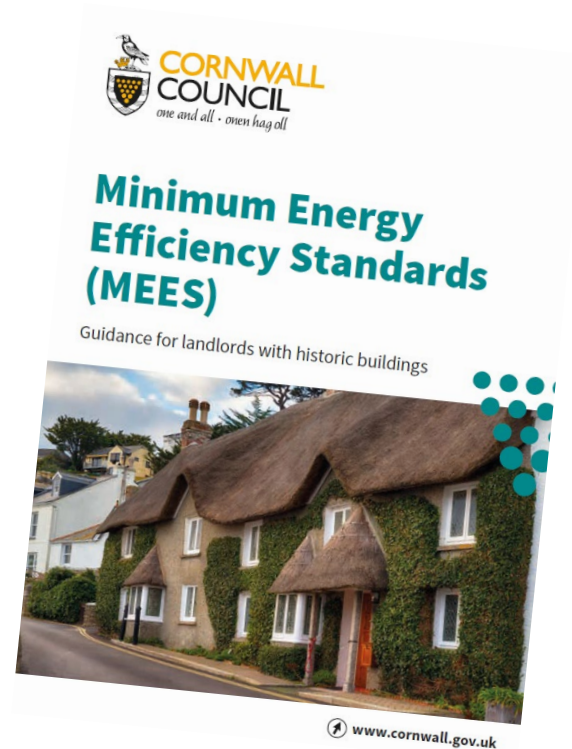


Advice for treating older buildings

Historic England

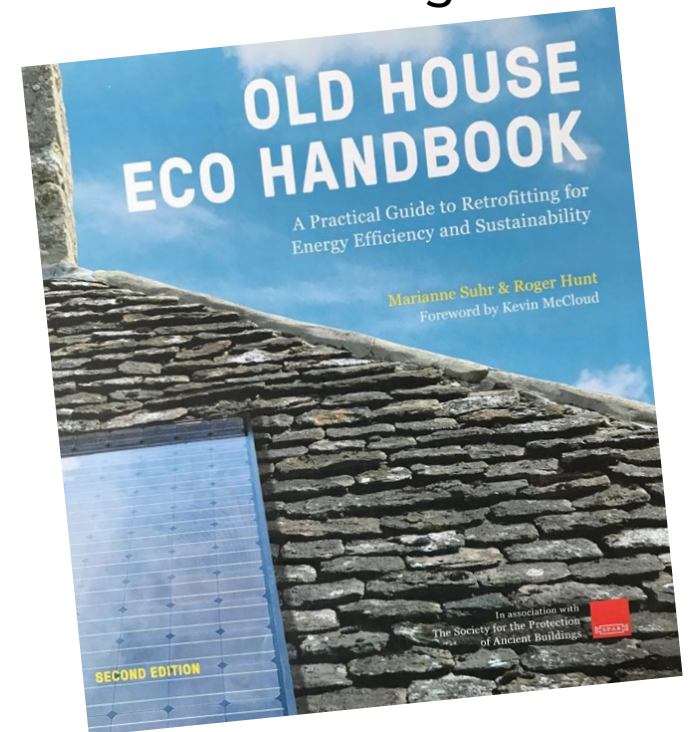


<https://historicengland.org.uk/advice/technical-advice/retrofit-and-energy-efficiency-in-historic-buildings/low-and-zero-carbon-technologies/installing-heat-pumps-in-historic-buildings/>



<https://www.cep.org.uk/our-services/warmer-tenants-advice-service-for-landlords/>

Society for the Protection of Ancient Buildings



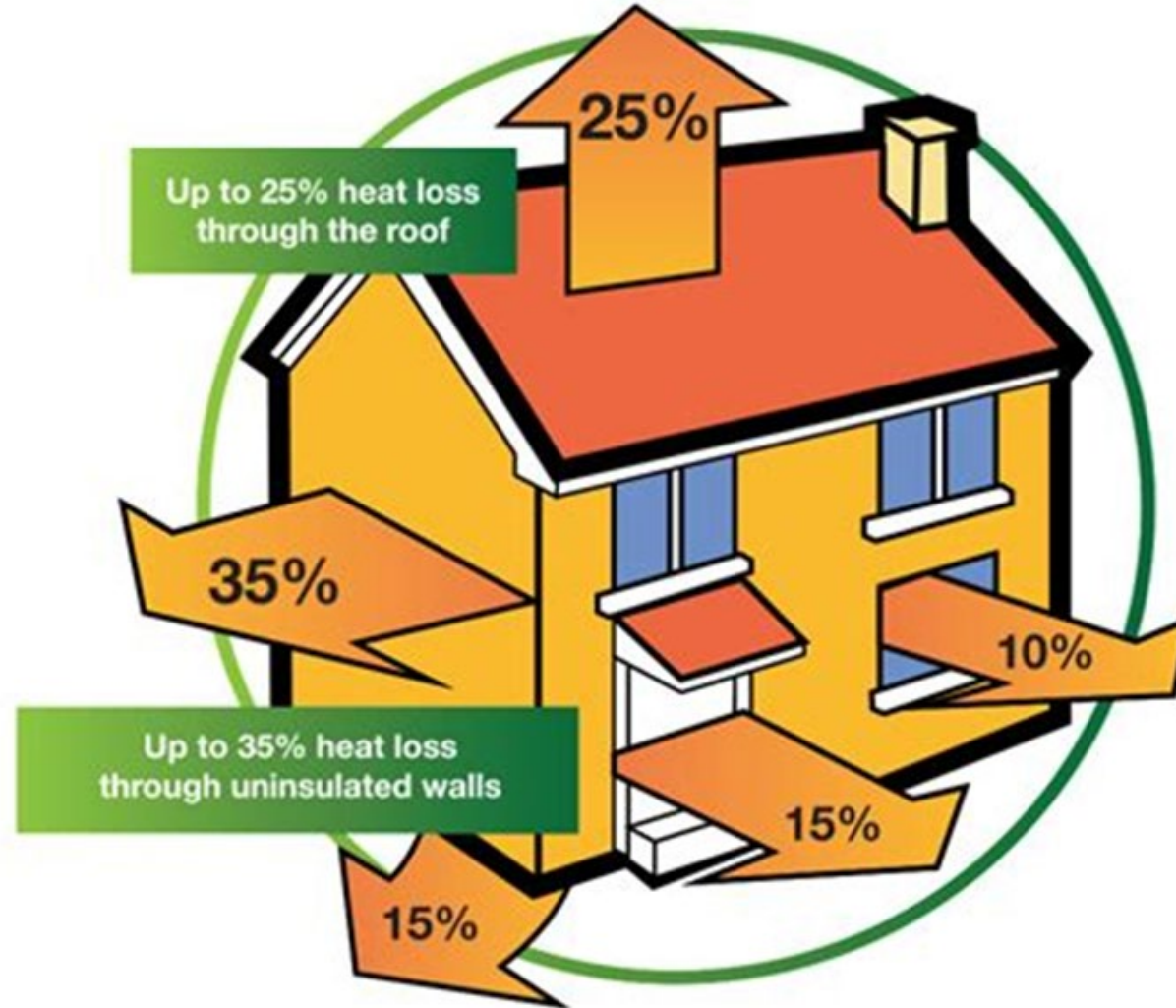
www.spab.org.uk

- Insulate

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Take a FABRIC FIRST approach



Insulating the walls of historic buildings

In response to the questions about insulating properties that are listed or have other historic designations, it is always important to get expert advice. Here are some additional resources to research:

Some of these sites are run by companies with expertise in historic building renovation

- <https://www.ecologicalbuildingsystems.com/solutions/renovation-retrofit>
- <https://www.mikewye.co.uk/>
- <https://cornishlime.co.uk/>

A new product to the market, recycled cork sprayed onto walls, internally and externally, providing thermal insulation

- <https://corksolutuk.com/>

Dealing with damp, mould and the structural issues that result from moisture ingress:

- <https://www.petercox.com/>

Decarbonising heat

Lots of change in the next 10 years:

- Heat Pumps
 - Green Gas
 - Biofuels
 - HVO to replace Heating Oil
 - Hydrogen
- **Don't get hung-up about pay-back periods on renewables – the challenge is warmth**
 - **What about gas boilers?**
 - **What about wood burners?**



SUSTAINABLE HOMES ADVICE SERVICE

Advice and support for
homeowners in Cornwall
looking to make the transition
to low carbon energy



To find out more,
contact our specialist
renewables team



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