

Energy Efficiency in Traditional Buildings Planning Considerations

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Introduction

- The Historic Environment
- Managing Change
- Key Areas
- Delivering Sustainable Economic Growth



Our Historic Environment

“Our whole environment, whether rural or urban, on land or under water, has a historic dimension that contributes to its quality and character. It has been shaped by human and natural processes over thousands of years. This is most obvious in our built heritage: ancient monuments; archaeological sites and landscapes; historic buildings; townscapes; parks; gardens and designed landscapes; and our marine heritage, for example in the form of historic shipwrecks or underwater landscapes once dry land.”

SHEP 2008.



Our Historic Environment

- 5 World Heritage Sites
- 46,600 Listed Buildings
- 7,785 Scheduled Ancient Monuments
- 630 Conservation Areas
- 346 sites in Inventory of Gardens and Designed Landscapes
- ..and the rest!





Managing Our Historic Environment

- Planning Permission
- Listed Building Consent
- Conservation Area Consent
- Scheduled Monument Consent

- SPP/SHEP/Guidance
- Development Plans & SPG



Managing Our Historic Environment

Guiding Principles:

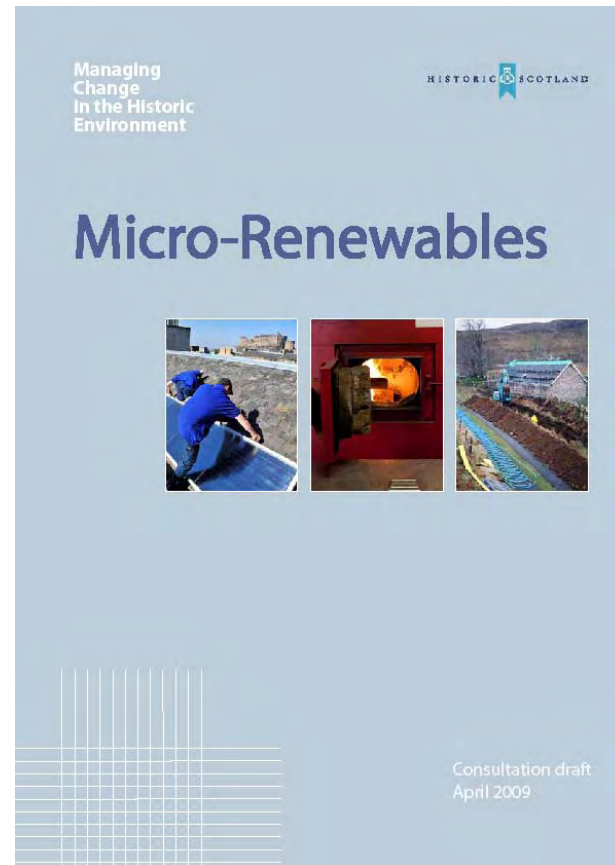
- Sustainable Economic Growth
- Informed Decision Making
- Balanced Assessment



Managing Our Historic Environment

Advice

- SHEP/SPP23
- Guidance
- Development Plans
- SPG



Key Areas

- Insulation
- Micro-renewables
- Large scale renewables



Insulation

- Technical understanding
- Protection of character
- Lots can be done without consent – check first.
- Technical fixes



Roofs

- Ventilation
- Protect appearance



Walls

- Ventilation
- Protection of character and fabric
- Opportunities to upgrade



Windows

- Ventilation
- Retention and repair + upgrades
- Replacement in double glazing



Micro-renewable power

- Technical understanding
- Protection of character
- Lots can be done without consent – check first.
- Technical fixes



Micro-renewable power

- Solar panels
- Wind turbines
- Heat exchangers e.g. GSH Pump



Solar Panels

- Reversible
- Discrete
- Light touch installation
- Technical fixes



Wind-turbines

- Reversible
- Discrete (sometimes)
- Effective?





Heat Exchange

- Discrete - usually
- Effective
- Lots can be done without consent – check first.
- Light touch installation





Sustainable Economic Growth

- Place making
- Education and understanding
- Skills and training
- Renewable materials
- Authenticity

