

# The 'Energy Hierarchy' and the Spend-to-Save Fund

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# Presentation overview

## The Energy Hierarchy

## The Spend-to-Save Fund:

- Eligibility
- Types of project that may be supported
- Assessing projects and calculating payback periods
- The loan and repayment mechanisms



# The Energy Hierarchy

- 1) Reduce the need for energy (e.g. insulate, draught proof, reduce temperatures, switch off equipment when not needed)
- 2) Use energy more efficiently (e.g. fit energy saving light bulbs, buy more A-rated electrical appliances)
- 3) Any continuing use of fossil fuel should be clean and efficient (e.g. condensing gas boilers)
- 4) Use renewable energy (in order of effectiveness, e.g. biomass, ground source heat pumps, solar thermal)

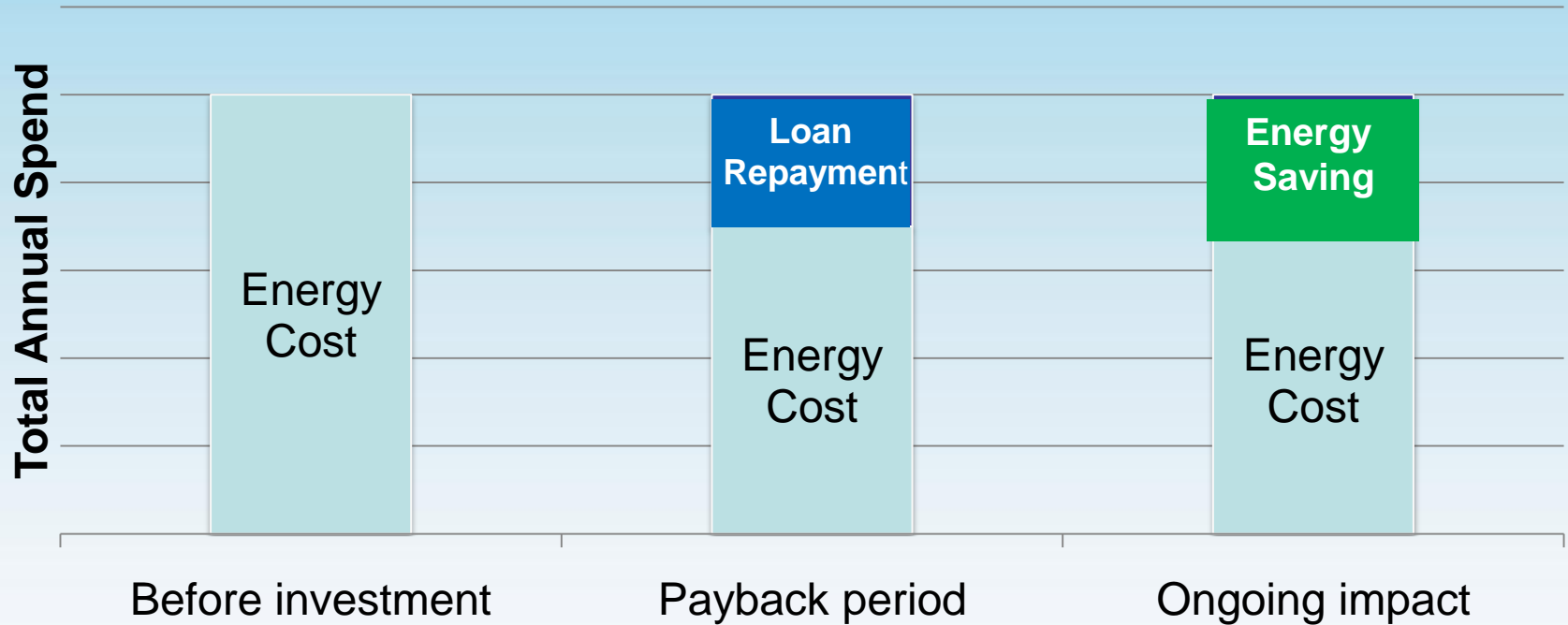


# Energy Efficiency Spend to Save Fund

- £1m capital fund over 3 years approved by Council
- Fund is a form of interest free loan
- Investment is repaid annually from the energy savings obtained
- Maximum payback period is 10 years
- Schools keep the ongoing savings once investment is paid back



# Revenue Budget impact



# Spend to Save Fund – Projects

- Projects that may be eligible include:
  - Lighting upgrades
  - Cavity wall, loft insulation and draught proofing
  - Photovoltaic panels (solar) in some cases
- The fund is less likely to support
  - Wind turbines
  - Double glazing
  - Ground source heat pumps



# Application Process

1. Expression of interest submitted to Apryl Pheasant, Property Services ([apheasant@worcestershire.gov.uk](mailto:apheasant@worcestershire.gov.uk))
2. Proposal evaluated, if meeting criteria and technically feasible allocated to a Project Officer within Property Services
3. Feasibility study and costings undertaken
4. Application form finalised with budget holder approval to charge a sum annually equating to the annual savings until investment is paid back



# Spend to Save – Other Points

- Spend to Save funds may be combined with planned capital projects where energy efficiency improvements can be added to the scheme
- Projects such as lighting could involve some improvements which may require other funding (devolved capital or maintenance budget)
- Once committed the repayments will have to be made even if the energy budget saving isn't realised (other factors will influence this)



# Worcestershire County Council

## Further information:

[www.worcestershire.gov.uk/spendtosave](http://www.worcestershire.gov.uk/spendtosave)

[www.worcestershire.gov.uk/beacon](http://www.worcestershire.gov.uk/beacon)

[www.worcestershire.gov.uk/climatechange](http://www.worcestershire.gov.uk/climatechange)

[www.worcestershire.gov.uk/cms/community-and-living/property-services.aspx](http://www.worcestershire.gov.uk/cms/community-and-living/property-services.aspx)

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