

# Home Energy Efficiency – What can you do to improve your home's energy efficiency?



Giles Bradford, Head of Sustainability, Bradfords Building Supplies

# Energy Efficiency

Make your home:

- Warmer
- Cheaper to run
- Healthier
- Drier



- Put simply:

**Reduce the heat loss and therefore require less heating**



# Fabric First



- Ensuring that you need the minimum energy possible to heat your home

Insulation



Ventilation



And finally... heating





# Insulation

- Curtains
- Draft proofing
- Windows and doors
- Air tightness
- Insulation
  - Roof
  - Walls
  - Floor
  - Pipes
  - Hot water tank



# Ventilation



- Buildings need to breathe
  - Moisture control
  - Clean air exchange
  - Maintain, fix if required
- Augmented ventilation
  - MHVR – mechanical heating and ventilation recovery



# Heating

- Use your boiler to end of life
- Thermostats
- Heating controls on your water cylinder
- Zoned heating
- Waste water heat recovery system
- Water softener



