



## ENERGY IN YOUR HOME

Much of the energy we use is in our homes, and most of our homes were built some time ago. To help us achieve more affordable energy bills and generally use energy more wisely, we can for example improve insulation, join collective energy tariffs, or fit solar panels.

*Cyd Cymru – Wales Together  
Energy Savings Trust in your home  
South East Wales Energy Advice Centre  
Act on CO2  
Welsh Government Fuel Poverty Scheme*

## SUSTAINABLE ENERGY GENERATION

Cardiff Council is tapping into the potential renewable and low carbon energy generation opportunities in the city and a number of schemes to increase local energy production are underway or planned. These include:

- ‘Energy recovery’ project at Trident Park which is proposing a district heating network from the Viridor energy recovery facility.
- Anaerobic digestion facility using food waste from Cardiff and the Vale of Glamorgan to produce methane gas, which is used to produce electricity.
- Collection of landfill gas from Lamby Way landfill site to generate electricity.

- A solar farm at Lamby Way landfill site.
- Radyr Weir hydro-electric scheme, and
- Potential electricity generation on the Severn Estuary.

## CLIMATE CHANGE RESILIENCE

Climate change is one of the greatest threats to environmental, social and economic sustainability facing the world today. Rising global temperatures will bring changes in weather patterns, rising sea levels and increased frequency and intensity of extreme weather events.

The effects will be felt here in Cardiff and across Wales and the UK. Globally there may be severe problems in regions that are particularly vulnerable. We need to act now to adapt to climate change and to reduce the risk by reducing our contribution to greenhouse gas emissions.

*Welsh Government  
DEFRA  
UK Climate Impacts Programme  
Carbon Trust  
EU Covenant of Mayors  
10:10 campaign*