

Energy Efficiency in Wales

A Strategy for the next 10 years 2016 - 2026



Llywodraeth Cymru
Welsh Government

www.gov.wales



Introduction

Wales is a great place to live and work.

The Welsh Government want to protect it for you and the future.

Managing and using energy well is an important part of this.

We use energy every day in our homes, schools and businesses.

This booklet tells you about our new Energy Efficiency Strategy (plan) for the next ten years.

i Laws about energy efficiency are made by the UK Government but we want to do everything we can so Wales is using and managing its energy well.



This energy efficiency plan is important and a real opportunity for Wales. It also helps us reach other goals for tackling poverty, climate change and jobs. These are in the Well-being of Future Generations (Wales) Act.



What is Energy Efficiency?

Energy Efficiency is about using less energy to get the same service or product.

There are lots of ways to save energy but being energy efficient is different.

Saving energy



Turn off lights that you're not using or car share.

Energy efficiency



Change to a more energy efficient bulb or car.



Our Vision

We want Wales to be in the best position and able to:

- **see** the opportunities in energy efficiency
- **grow** in technology, skills and 'know-how'
- **sell** goods and services across the world.

To reach our vision there are five areas we need to take action on:



- **1. Getting everyone involved** – everyone needs to take part and make changes to be energy efficient.
- **2. Growing supply chains** – everyone needs to be able to get the products and services they need when they need.
- **3. Having a stronger workforce** – staff need to be educated and trained in the skills energy efficient businesses need.
- **4. Being innovative** – new energy efficient ideas and technology need to be trusted and able to grow.
- **5. Having funding plans** – money needs to be used in the best ways.

Why is this important?

Energy efficiency helps people's lives in different ways.

Taking action now and making plans for energy efficiency in the future will:

- help health and well-being
- give Wales more jobs and new businesses
- help the environment and reduce carbon
- lower costs for businesses
- help people afford their fuel bills and stop fuel poverty
- help us reach our long term goals for Wales
- help reach the United Nations Global Goals.



1. Getting everyone involved

There are lots of things that stop people being more energy efficient. Some people don't trust energy efficiency will make a difference. They think it takes time and the costs can put them off. We want to change this.

For family homes we will:

- have more information on energy efficiency
- support everyone so they understand energy efficiency helps health and poverty too
- support new technology like smart meters

i Smart meters – help people check the energy they use and shows them where they could reduce it.



- help people see if there's grant funding to support them
- give support to people living in houses that aren't energy efficient
- make sure landlords follow the laws
- make sure new buildings are energy efficient
- make sure all housing owned by local authorities meet the Welsh Housing Quality Standard
- make sure community projects tell people about energy efficiency and how it saves money
- have new planning guidance (rules) for local authorities.

For businesses we will:

- have more information about energy efficiency
- work with large businesses to reduce energy
- give more support for businesses on training, skills and advice
- encourage business landlords to be more energy efficient.



For local authorities we will:

- give more advice and support
- share good ideas and success stories so local authorities can see what works well in other places
- spend our money on energy efficiency projects.



2. Growing our supply chains

Supply chain – the people, activities and businesses involved in getting something to a customer.

Everyone should be able to get the energy efficient products and services they need when they need them.

We will:

- support businesses to change direction and train staff in new energy efficient products and services
- support the energy efficiency supply chain to grow
- support the Welsh energy efficiency supply chain by getting them to deliver projects we fund
- have new quality standards to build trust.



3. Growing the workforce

We want energy efficiency businesses to grow and staff trained in the skills they need to do their job well.

We will:

- support Regional Skills Partnerships (RSP) to spot what training is needed to help businesses in their area
- use training funding in the best ways
- involve employers when we design new training and apprenticeship programmes
- make sure training, qualifications and apprenticeships meet learners needs and employer's needs
- make energy efficiency part of our new school curriculum in 2018 'A curriculum for Wales: a curriculum for life'
- support businesses to connect more with schools
- continue to support our Eco-Schools programme.

95% of Welsh schools take part in the Eco-Schools programme. They carry out projects on topics including recycling, water use and energy efficiency projects.



4. Innovation

Innovation – new creative ideas and new methods of doing things.

We want to support new creative energy efficiency ideas that can be used across the world.

This includes:

- supporting our universities and businesses
- supporting people to trust services and share with others when something works well.

We will:

- help businesses to market and develop new products and services
- support and give advice on using new technology like smart meters
- give advice to local authorities on energy efficiency technology
- work with local authorities to run energy projects in communities
- give opportunities for businesses in Wales and other countries to learn from each other
- continue to deliver other energy efficiency programmes
- tackle fuel poverty.



Innovation is important for jobs.

In the UK energy efficiency businesses:

- turnover £21 billion
- employ 150,500 people.

In Wales the turnover is £736 million.

This is a lot but there's a real opportunity to grow and bring more jobs.



5. Funding

We want to do more but it's important that all money is used in the best ways and where it's needed the most.

To help funding for families and homes we will:

- have better information about funding
- have information about grant funding for people living in poverty or homes that aren't energy efficient
- offer low interest loans to help people make energy efficient changes
- work with the UK Government on energy efficiency funding
- make sure people know how to switch energy supplier to save money.

To help funding for businesses we will:

- have more information
- support businesses to grow through grants, loans and other money advice.

To help funding for local authorities and services we will:

- continue to have zero interest loans for energy efficiency projects
- help them switch to better Energy Performance Contracts that save money.

Next steps

Over the next 10 years we will work to involve everyone to reach our goals for energy efficiency.

Thanks for reading this
You can read more here:

<http://gov.wales/topics/environmentcountryside/energy/efficiency/?lang=en>

