Choosing our Tomorrows

It is the year 2050.

How has society reacted and adapted to climate change?

Our responses to climate change today will have major consequences for the Scotland of the future. The environment, society, energy supplies, transport and food security will all be profoundly affected.

What if, in an attempt to meet our target of an 80% reduction in greenhouse gas emissions, Scotland has embraced nuclear power? Or in an attempt to feed our share of the estimated 9 billion people in the world we have filled every last square metre of available countryside with GM crops? Alternatively, what if we've shunned our high-carbon lifestyles to buy seasonal locally produced food and renewable energy?

We have choices in the ways that we individually and collectively respond to this challenge. This exhibit explores how these choices will result in very different outcomes...





Funding for this facility was provided by the Scottish Government as part of the research programme on Environment-Land Use and Rural Stewardship.



Based on the film resource 'Choosing our Tomorrows' this exciting new interactive exhibit proposes and explores three different visions of Scotland in the future. These depend on our reactions to climate change and the consequences of the

different choices that we might make. It is aimed at improving public understanding of the issues surrounding future energy supplies, transport and food security.

In addition to video diaries, the exhibit includes:

- o a quiz on the film resource
- o 'climate choices' game
- o a public survey asking people about their attitudes towards changing their everyday behaviours. This is being used as part of our research programme on behavioural change

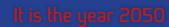




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Choosing our Tomorrows



How has society reacted and adapted to climate change?



This exhibit presents three scenarios of Scotland in 2050 based on our response to climate change.

Business as Usual

We have done nothing to combat climate change

Petrol prices exceed £10 per litre

In Scotland winters are extremely wet with frequent violent storms

Summers are much warmer and very dry

Food shortages are common

Climate change has forced millions to migrate from Southern Europe to Northern Europe

Polar bears are extinct



Living off the Land

We have responded to climate change by investing in new technologies

We have done little to reduce our use of natural resources

Only the wealthy can afford access to the new technologies

Every bit of farmland is used to produce GM food and biofuel

There is little wildlife in the countryside

Food prices are very high

Nuclear power is now Scotland's main source of energy

High waste disposal charges mean people recycle almost everything



No Place Like Home

We have made a serious response to climate change

Most people produce some of their own food and shop locally

Scotland is almost self-sufficient in food and energy

Food imports are mostly a thing of the past

Renewables are now Scotland's main source of energy

Most homes have solar panels and heat exchange pumps

Transport fuel costs are very high

Advances in computer technology allow many people to work from home

Children are taught in virtual classrooms

