

Scottish Climate Change Programme summary / [Scottish Executive Climate Change Team].

Contributors

Scotland. Scottish Executive. Climate Change Team.

Publication/Creation

Edinburgh : Stationery Office, 2000.

Persistent URL

<https://wellcomecollection.org/works/r9upuej6>

License and attribution

You have permission to make copies of this work under an Open Government license.

This licence permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited.

Image source should be attributed as specified in the full catalogue record. If no source is given the image should be attributed to Wellcome Collection.



Wellcome Collection
183 Euston Road
London NW1 2BE UK
T +44 (0)20 7611 8722
E library@wellcomecollection.org
<https://wellcomecollection.org>

SCOTTISH **CLIMATE**
CHANGE PROGRAMME SUMMARY

DBC12



SCOTTISH EXECUTIVE

Making it work together

WELLS LIBRARY
INFORMATION SERVICE

2 JAN 2002

DBC12 Sco

**climate change is the most serious
environmental threat to our planet**

WELLS LIBRARY
INFORMATION SERVICE

6683



22501074618

Climate Change Programme.
The Executive climate change
change.

or the full version are available.

We may make a charge for copies.

SCOTTISH **CLIMATE** **CHANGE** PROGRAMME SUMMARY



The Scottish Executive undertook a consultation exercise during 2000, following which we have set out the programme we will implement to reduce greenhouse gas emissions in Scotland. In line with our policy of minimising use of natural resources, and for ease of reference, we decided to produce this summary version. The Scottish Programme supplements the *UK Climate Change Programme* and a full version of both Programmes is available on the Scottish Executive climate change web-site.

In presenting the final Programme, Sam Galbraith, Minister for Environment, Sport and Culture said

Since we published our consultation, it is clear from media coverage and the growing level of debate that climate change has climbed up the political agenda. Recent extreme weather events have also served to reinforce the view expressed by the majority of the world's leading scientists that climate change is the most serious environmental threat to our planet.

The next stage, therefore, is a plan of action. A plan that tackles the causes of climate change across all sectors; a plan that seeks to include everyone in the fight against the worst impacts of climate change; and, most importantly, a plan that will deliver our commitments. That is what this Scottish Climate Change Programme will do: it will also make a significant contribution to the UK efforts on climate change and help lead to the ratification of the Kyoto Protocol

This summary explains:

- › some of the measures we are taking and plan to take in Scotland to combat the threat of climate change;
- › our partnership approach with the UK Government;
- › our plans for a public awareness campaign, including how it might help deliver our climate change objectives;
- › our plans for a Scottish Adaptation Strategy.

SECTORAL ANALYSES



SECTORAL ANALYSES



Energy sector

- › We have set a target to increase further the use of electricity from renewable sources in Scotland by 2010, taking the total to around 18%.
- › We will ensure that Scotland receives an appropriate share of UK Government funding for research into new forms of renewable energy.
- › We will publish new planning guidelines designed to encourage the planning system to play its full part in making positive provision for renewable energy developments.
- › In conjunction with the UK Government, we will review the longer term energy challenges as recommended by the Royal Commission on Environmental Pollution.

Business sector

- › We will use funds from the Climate Change Levy to strengthen the work of our Scottish Energy Efficiency Office, especially in promoting better energy efficiency in small firms.
- › We will work with business, the Scottish Environment Protection Agency and the UK Government to stimulate the maximum possible energy efficiency gains through the new Integrated Pollution Prevention and Control Directive, commensurate with business competitiveness.
- › We will strengthen the promotion of our interest free energy efficiency loan scheme for small companies.
- › We will implement the *National Waste Strategy: Scotland* and bring about reductions in the amount of waste we send to landfill. This will lead to long term reductions in methane emissions and energy recovery from various technologies (including landfill, waste incineration etc.).

SECTORAL ANALYSES

Transport sector

- › We will continue to develop the Executive's integrated transport strategy for Scotland in partnership with local authorities and transport operators.
- › We will increase the Public Transport Fund to £150 million over the next 3 years, and give greater emphasis to projects which promote walking and cycling. We will increase our support for rural transport by £4.5 million over the next 3 years and spend £0.9 million per annum to assist the conversion of cars to Liquid Petroleum Gas.
- › We will increase spending on Freight Facilities Grant to £36 million over the next 3 years and will increase our target from 15 million to 18 million lorry miles a year transferred from Scotland's roads to rail and inland waterway by March 2002.
- › We will introduce a Scottish Travel Awareness Campaign.

Domestic sector

- › We have consulted on higher technical standards for new buildings. Energy efficiency improvements will cover the fabric of new buildings, domestic boilers and hot water services.
- › We have introduced the Warm Deal and New Housing Partnerships which provided vastly increased funding to tackle fuel poverty and will deliver carbon savings.
- › We have announced that a new scheme to install free central heating and insulation in the homes of pensioners and tenants in local authority stock will begin in April 2001. This will cut energy bills and will also deliver some carbon savings.
- › We will work with the UK Government to ensure that Scotland benefits from the new funding under the Energy Efficiency Commitment scheme.

SECTORAL ANALYSES



Agriculture, forestry and land use sector

- › We will support the planting of new woodland for all the economic, social and environmental benefits, including its action as a carbon sink.
- › We are considering how biomass might be encouraged as a source of renewable energy.
- › We are undertaking research to review the contribution to climate change of organic soils under different land uses. This will allow us to consider potential mitigation policies.
- › We are considering how guidance on fertiliser and soil management practices might be utilised to reduce greenhouse gas emissions.

Public sector

- › We will introduce new reduction targets for the Scottish Executive's use of energy, waste and water. We have increased our use of alternative and dual-fuelled cars to 50% of our fleet and have arranged to contract 100% of our electricity from renewables.
- › The NHS in Scotland has set an energy reduction target of 2% per year for the period 2001 to 2010.
- › The Scottish Environment Protection Agency has set itself a carbon dioxide reduction target of 20% on 1998-99 levels by 2010.
- › The Scottish Court Service has set an energy reduction target of 40% on 1991-92 levels by 2010.

PUBLIC ATTITUDES AND BEHAVIOUR



PUBLIC ATTITUDES AND BEHAVIOUR



The Executive recognise that the ultimate driving force for industrial and transport emissions is human consumption. Without changes in the way individuals act, our efforts in combating climate change will undoubtedly fail. Raising the public's awareness of climate change and its impacts is therefore a core component of the Executive's programme.

Earlier this year, the Executive commissioned a survey into environmental attitudes and behaviour. Results showed that four out of five Scots recognised climate change as a serious problem for Scotland as well as for the rest of the world. The same proportion also considered that the environment and environmental issues were important to them personally. Clearly there is a huge reservoir of concern that can be tapped. However, concern itself is not enough. The challenge for the Executive is to help translate people's concern about the environment into practical, positive changes in their behaviour.

The Executive commissioned the survey in order to consider the level at which our messages ought to be pitched to achieve the best results in running an environmental awareness campaign. We are now discussing with our advertising consultants the development of such a campaign in order to help deliver our climate change objectives.

THE FUTURE - ADAPTING TO THE IMPACTS OF CLIMATE CHANGE IN SCOTLAND



THE FUTURE - ADAPTING TO THE IMPACTS OF CLIMATE CHANGE IN SCOTLAND

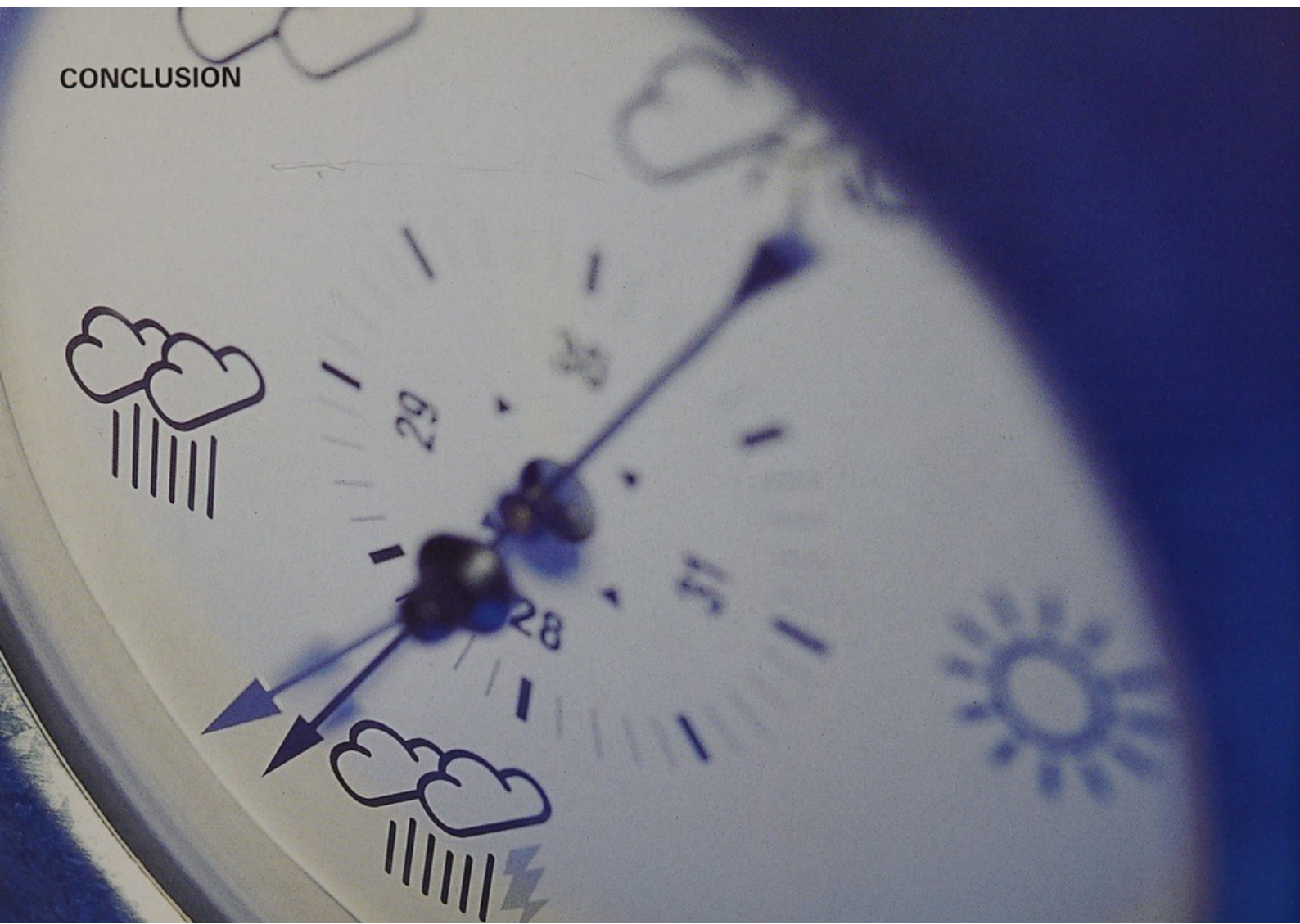


A detailed account of the likely impacts of climate change in the UK and an outline of UK adaptation measures is given in the UK Climate Change Programme. The Scottish Executive have been closely involved in these studies. Through this involvement, we have become increasingly aware of the need for more detailed information about our particular circumstances so that we can understand better their implications for Scotland.

As a first step we identified the need for more localised scenarios. More detailed UK scenarios based on better climate models will be developed next year but in the meantime, we have commissioned work to revisit the current Scottish data and to develop scenarios for a network of 50 x 50 km squares to cover the Scottish mainland and Islands. This study will be published soon but early analysis suggests a small increase in winter warming at higher levels and a marked change in the summer precipitation gradient between the west (wetter) and the east (drier). Extreme precipitation events are also likely to increase by between 5% and 15% over the next 40 years; and there could be higher localised increases.

The adaptation measures described in the UK Programme summarise the current state of knowledge in this complex area. A number of them refer to specific Scottish issues. However, with the development of the more detailed Scottish impacts scenarios already described and given Scotland's unique geography, we decided that we should take forward the development of a Scottish Adaptation Strategy. Preliminary work is now underway and a report will be produced in Spring 2001.

CONCLUSION



CONCLUSION



The Scottish Executive were delighted with the number, quality and generally supportive tone of responses to our consultation on the Scottish Climate Change Programme. A summary of those responses forms part of the fuller Internet version of the Programme. Scottish Ministers are committed to working in partnership with the people and communities of Scotland.

This Programme focuses on policies that make sense for Scotland. It links to and supplements the UK Programme and will help to deliver the UK Kyoto commitment and contribute to the UK domestic goal of reducing carbon dioxide by 20% by 2010.

The report by the Royal Commission on Environmental Pollution recognised the role played by the UK Government in bringing the fundamental importance of climate change to the fore. It also addressed the crucial importance of longer term action. We wholeheartedly endorse that opinion. Whilst this is the final Scottish Climate Change Programme, the matter does not end here. We see this very much as a dynamic process. We will therefore take forward the policies which are at the planning stage; review how those we have already introduced are meeting the objectives set for them; and monitor our performance in contributing to UK greenhouse gas emission reduction objectives.

We will keep all interested parties involved through our newsletter, our climate change web-site and continuing discussion.

Contact

Requests for further copies of this summary should be made to:

The Scottish Executive
Climate Change Team
1.H-North
Victoria Quay
EDINBURGH
EH6 6QQ

Tel: 0131 244 7815

Fax: 0131 244 0211

E-mail: climate.change@scotland.gsi.gov.uk

four out of five Scots recognise climate change as a serious problem for Scotland

Further copies are available from The Stationery Office Bookshop:
71 Lothian Road, Edinburgh, EH3 9AZ
Tel: 0870 606 55 66

ISBN 1-84268-084-6



9 781842 680841

w w w . s c o t l a n d . g o v . u k