

The Law Officers Departments Climate Change Delivery Plan

Climate change is one of the greatest challenges facing the world today. The UK is faced with warmer wetter winters, hotter drier summers, and more frequent extreme weather events.

Recognising the need for central Government to lead by example, the [UK Low Carbon Transition Plan](#), published on 15 July 2009, announced that all departments would publish a *carbon reduction delivery plan* and a *climate change adaptation plan*. Together these plans represent a public statement of intent setting out a department's commitment to a clear set of time-specific actions to help the UK both mitigate and adapt to climate change. The Law Officers Departments (LODs) are publishing these plans together as a single publication, the *Law Officers Departments Climate Change Delivery Plan*.

The UK is the first country in the world to set itself legally binding 'carbon budgets. The Climate Change Act 2008 created a new approach to managing and responding to the challenge of climate change in the UK. The act set a clear and credible long term framework for the UK to reduce its greenhouse gas emissions which included a legal requirement to:

- reduce emissions by at least 80% below 1990 levels by 2050 and by 34% in the period 2018-2022;
- set and meet five-year carbon budgets, set up to 15 years in advance, to deliver the emissions reductions required to achieve the 2020 and 2050 targets; and
- set up a Committee on Climate Change to advise Government on the level of the carbon budgets and how they might be met and report annually on progress.

The first three carbon budgets, covering the period 2008 to 2022, were announced at Budget 2009 and set in law in May 2009 following their approval by Parliament.

Like other departments the Law Officers Departments has been set a carbon budget to work within.

Preparing to adapt to a changing climate will help the LODs to reduce adverse consequences and plan for the future.

This climate change delivery plan:

- Sets out our priorities between now and 2022 for both reducing our carbon footprint and adapting to climate change. It also ensures we have begun to develop the processes required to help the LODs meet the challenge of climate change in the future.
- Sets out how we will deliver our departmental carbon budget;
- Begins to outline the requirements for capacity building and skills development to support this Plan and in particular to embed climate change considerations into normal departmental processes (for example, risk management, business continuity and estate management) and delivery of front line services.

This plan is a key part of our work on sustainable development and should be read in conjunction with our revised Sustainable Development Action Plan (SDAP) 2010-2012.

Vera Baird

Solicitor General

Executive Summary

This is the first Climate Change Delivery Plan (hereafter referred to as the Plan) for the LODs and has been produced in response to the commitment given in The UK Low Carbon Transition Plan.

The Department's Sustainable Development Minister and respective Sustainable Development Champions across the LODs have overall ownership of the Plan and responsibility for ensuring that progress is reported regularly.

The success of the Plan is partly dependent upon working collaboratively with other Government Departments and we will ensure that we are fully engaged.

Climate change predictions for the UK suggest that we are likely to experience hotter drier summers and warmer wetter winters, together with more extreme weather events, such as flooding. It is therefore essential that we make plans to adapt to these changes by planning ahead to avoid unexpected costs, manage risks and make the most of opportunities.

We have reviewed the impact of climate change on the LODs present Aims and determined our present priorities but are aware of the possibility of having to adjust to changes in the future.

However, as well as adapting to future climate change we must also limit the extent to which we contribute to it. Reduction measures are designed to do this by taking deliberate actions set out in the Carbon Reduction Delivery Plan. These include reducing carbon dioxide emissions from energy use and transport; procuring buildings that are highly energy efficient and using our Standard Specification for Buildings to support us in this.

In particular we:

Have been set a carbon budget for 2008-12 based on our emissions from administrative travel and offices.

Have commenced a Carbon Management Programme with the Carbon Trust to help deliver these targets

Are looking to install Automatic Meter Readers (AMR) across parts of our estate to improve data quality

Have engaged with our suppliers to help us measure and subsequently reduce our wider carbon footprint and reduce supply chain emissions.

In the future we will aim to extend the range of our carbon reduction activities and review the scope and composition of our carbon budget.

The LODs Sustainable Development Action Plan (SDAP) 2010-2012 sets out actions relating to the Department's policies, people and properties, many of which aim to reduce our contribution to climate change.

Part 1

Organisation & Arrangements

The Law Officers Departments (LODs)

Overview

The Attorney General and the Solicitor General are the Law Officers. The main business of the departments includes criminal prosecutions and the provision of legal advice.

The Law Officers' aim is for their departments to provide world class public services that deliver justice and meet the needs of the victims and communities so that:

- people feel more secure from crime and anti social behaviour; fewer people's lives are ruined by drugs; and communities are safer places to live and work;
- more offenders are brought to justice and proceeds of crime recovered through a modern and efficient justice process;
- the UK is a more prosperous country because investments are secure and tax revenues protected;
- the public has confidence and trust in the Criminal Justice System (CJS) and the work of the Law Officers' Departments;
- through the performance of the Law Officers' role as the government 's chief legal advisers and through the legal services that the treasury solicitor provides across government, the best legal support is given to departments in their delivery of quality public services and in their management of their business and people.

Whilst our strategic objectives and policies are not directly related to combating climate change, we recognise that our activities and the decisions we make as a Department can have a significant effect, both in terms of the release of greenhouse gases and opportunities for the reduction of these emissions.

The Law Officers Departments are not significant Policy making departments but will ensure that sustainable development policies including carbon reduction and Adaptation are embedded into all their operational activities. Each department has appointed a Champion for sustainable development which includes Carbon Reduction and Adaptation. A Steering Group on Sustainable Development comprising representatives from the Law Officers Departments is responsible for implementing the SD action plan (SDAP) and Carbon Reduction Delivery Plan (CRDP), Departmental Adaptation plan (DAP) and will endeavour to “Lead by example” in all that it does.

Crown Prosecution Service (CPS)

Staff Numbers 9074, Major or sole occupier in less than half of our buildings out of an estate of 87 buildings across England and Wales.

Serious Fraud Office (SFO)

Staff Numbers 421, Sole occupier of one building, minor occupier in another, both buildings are in London.

Treasury Solicitors Department (TSols)

Staff Numbers 825. Main occupier of one building in London and lease responsibilities for a building in Taunton.

Attorney Generals Office (AGO)

Staff Numbers 55, sole occupier of one building in London

HM CPS Inspectorate (HMCPSI)

Staff Numbers 44, sole occupier in one listed building in London and occupier of half of one floor of a building on a CPS lease in York.

Coverage

This Plan sets out our priorities between now and 2012 for both reducing our carbon footprint and withstanding or adapting to climate change.

In this Plan the term "LODs" refers to the CPS, AGO, HMCPSI, SFO and TSols.

The LOD carbon budget only includes emissions from our offices and our administrative travel.

We recognise that nearly every action we take has a carbon footprint and we are beginning to put in place actions to measure emissions in other key areas such as waste, water, land use and procurement and within our supply chain.

Governance

The Plan has been approved by Vera Baird, the Solicitor General (SG). Who is the sustainable development Minister for the Law Officers Departments and has overall responsibility for ensuring the Law Officers Departments fulfil their sustainable development and climate change (Adaptation and Carbon Reduction) commitments. The SG is supported by a Senior Reporting Officer (SRO) and Sustainable Development Advisor who are duly supported by the other LODs managers and Senior Managers in each department. The LODs SD Steering group will be responsible for monitoring progress and keeping the Plan up to date.

We will need to review and coordinate our operations and working practices across all elements of the Criminal Justice System to ensure we do not work against each other.

Review

We aim to produce an updated Plan in 2012, 2017 and 2022 following the five year cycle aligned to carbon budget periods and linked to the statutory national adaptation programme cycle. Minor updates will be made annually. Progress updates will be published annually and the LODs SD Steering Group will regularly review climate change and risks. Progress will be reported annually to the relevant departments as required: this includes Department of Energy and Climate Change, Department for Environment, Food and Rural Affairs and the Office of Government Commerce.

Capacity

We will ensure that all staff and interested parties have access to information on climate change and sustainability through the intranet and internet. More specific awareness and skills development is being made available for staff with relevant responsibilities including senior managers, IT, HR, Estate and Procurement

Working with others

We will maintain cross collaborative links with key policy leads and other departments whose responsibilities impact on those of the LODs, especially in terms of crime, migration and sustainability. These include, but are not limited to, Home Office, Ministry of Justice, Department of Energy and Climate Change, DEFRA and the Office of Government Commerce.

Part 2

Definitions

What is climate change?

'Climate change' refers to changes in the earth's temperature over the last 100 years. Further global rises are expected, as well as more extreme weather events like flooding and drought. In general we're likely to see hotter drier summers and warmer wetter winters in the UK, coupled with increased frequency of extreme weather such as heat waves, dry spells, heavy rain and flooding.

There is now very strong evidence that significant global warming cannot be explained by natural causes alone. Humans are changing the climate by their actions, especially through emissions of greenhouse gases, like carbon dioxide, which artificially warm the atmosphere of the earth.

What is climate change adaptation?

Adaptation is about dealing with a changing climate. Any Adjustment in natural or human systems in response to actual or expected climate change effects, which moderates harm or exploits beneficial opportunities. The Government is leading action nationally and internationally on climate change adaptation, through the cross-Whitehall Adapting to Climate Change (ACC) Programme.

The Plan sets out our priorities for addressing climate change risks across our business. Defra intends to publish these initial Adaptation Plans in March/April 2010.

What is climate change reduction (Mitigation)?

Climate change reduction (Mitigation) cutting greenhouse gas emissions- An intervention to reduce the anthropogenic forcing in the climate system; it includes strategies to reduce green house gas sources and emissions and enhancing green house gas sinks. It is reducing future climate change through deliberate action to reduce emissions, such as energy efficiency, the use of low carbon technology and the use of low carbon fuel sources. In this first Carbon Reduction Delivery Plan we have set ourselves the task of delivering against a range of specific targets, seeking expert advice and running staff awareness campaigns.

Part 3

Action Plans

Part 3 includes the LODs:

1. Climate Change Adaptation Plan
2. Carbon Reduction Delivery Plan

Climate Change Adaptation Plan

Overall aim

We are in the early stages of exploring how climate change will impact on the Aims (see above) of the LODs. However, the outcome of this work will inform the steps the LODs need to take to adapt further. At this stage it is likely that our main priority will primarily be transforming our estate. Any adaptation measures will need to be delivered within considerable financial constraints which may impact on delivery. Decisions over priorities will be taken with regard to the impact and consequence of leaving the potential impacts unmanaged. Where early action will minimise, reduce or even remove potential negative impacts on our estate the financial benefits should be clear.

Coverage – scope and timeframe

Our initial Adaptation Plan covers the period from 2010-12 and is targeted at addressing our priority risks as described below.

Key climate risks for the Department			
Risk	Policy area(s) / Programme(s) affected	Relevant Aim	Addressed through Adaptation Action Item number
Extreme events:			
1. Flooding: departmental buildings become unfit for purpose if subject to flooding, storm damage or subsidence making parts of the estate unusable.	Estates and Operations	All	005.01

2. Extreme heat/cold could affect working conditions and disruption business efficiency.	Estates and Operations	All	005.01
3. Extreme weather events could disrupt transport networks prevent access to buildings for staff and customers. eg staff and prisoners to court and offices, police stations	Business Operations. Example: this may increase court case adjournments and increasing waiting times	All	005.02
4. Higher temperatures could potentially lead to civil unrest, increasing crime rates and riots creating additional pressures on these front line services.	Business Operations	All	005.02
5. Reduced Water supply	Estates and Business Operations	All	005.05
6. Immigration: International Climate Change could make other part of the world less habitable leading to increased migration to the UK, both legal and illegal. Potential impacts include increased volume of crime.	Business Operations	All	005.04
7. Loss of Power/Electricity Outage	Estates and Business	All	005.03

	Operations		
8. Flooding, storm damage and extreme temperatures may jeopardise the protection of and accessibility to historic paper records.	Business Operations Document retention and national archival materials	All	005.06

Action Plan

Our Adaptation Action plan for 2010-12 is as follows:

Adaptation Action Plan			
Adaptation	Risk	Action number	Action

	<p>Address climate resilience issues in building design specifications and during major refurbishment</p> <p>Corporate Business Continuity Plan to ensure continuity of services: primary concern is for the security, health and safety our staff, visitors and other users of our facilities. In the event of disruption, we will aim to maintain the availability and operation of the 'Criminal justice system', working with the other agencies including the Police, MoJ, Counsel and lawyers.</p> <p>Power Outages</p> <p>Migration impact on crime rates</p> <p>Water supply.</p> <p>Archive protection</p>	<p>005.01</p> <p>005.02</p> <p>005.03</p> <p>005.04</p> <p>005.05</p> <p>005.06</p>	<p>Review CPS Standard specification for Accommodation and ensure other LODs are in line. 30 June 2010</p> <p>Review Continuity plans for all LODs and linked Depts to ensure “business as usual”.</p> <p>Review back up power facilities for all sites.</p> <p>Establish projections and consider Implications on resources and estate with other agencies. 30 September 2010.</p> <p>Review Water supply arrangements</p> <p>Discuss with relevant Records Officers 30 Sept 2010</p>
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These actions as well as others are included in our updated SDAP.

Carbon Reduction Delivery Plan (CRDP)

Introduction

The Climate Change Act 2008 established legally binding targets to reduce national greenhouse gas emissions by at least 80% by 2050, and at least 34% by 2020, against a 1990 baseline. The Climate Change Act also requires the Government to set wider public sector targets ('carbon budgets') which cap emissions over successive five-year periods - 2008-12, 2013-17 and 2018-22.

Under the Sustainable Operations on the Government Estate (SOGE) targets, Government Departments are already expected to:

Reduce carbon emissions from offices by 12.5% by 2010/11, relative to 1999/2000 levels and by 30% by 2020

Reduce carbon emissions from road vehicles used for Government administrative operations by 15% by 2010/11, relative to 2005/06 levels.

The LODs carbon budgets have been set based upon our reported emissions in these SOGE target areas. The budgets align to the above SOGE targets, and are intended to enable a 30% reduction in CO₂ emissions overall by 2020. This Carbon Reduction Delivery Plan sets out our approach to reducing carbon emissions, managing our carbon budgets and ultimately delivering our contribution to the UK's overall carbon reduction pledges.

This plan is based on the current scope of the SOGE targets and the department's current carbon budget, which includes the office estate, and owned administrative transport emissions. As the details of the new SOGE framework are built into the carbon budget allocation from Carbon Budget period 2 (2013) onwards, we will work across our estate and wider departmental family to ensure that we monitor and report against, and then meet the broader and more challenging targets. These reductions in public sector carbon emissions will also deliver financial savings, contributing to Government's aim of releasing £300M in energy bill savings by 2012/13 through greater energy efficiency. The CRDP is expected to be reviewed and updated in the next 18 months in order to present the department's new share of the public sector Carbon Budget, and the revised set of measures being planned to secure both carbon and financial savings.

Overview

The LODs recognise that the challenge of reducing carbon emissions across all sectors is one of the key issues on the sustainable development agenda. We will contribute as far as possible to the UK's commitments on carbon reduction, through both the efficient management of our estate and operations and through influencing the wider policy agenda. We will take all reasonable steps to enable us to meet the target of a 30% reduction in carbon emissions from our estate and operations by 2020, as set out in our

carbon budgets. Our main link to climate change is through our estate and its operation, travel and use of courts and police stations. We work towards our Aims by reducing, where possible the use of these facilities.

The Law Officers Departments are not significant Policy making departments but will ensure that sustainable development policies including carbon reduction are embedded into all their operational processes.

Law Officers Departments Carbon Budget.

The LODs are a 'Category 3 Department' which means that we have no sectorial carbon allocation and; we will be solely concerned with reducing emissions from our estate and operations.

Our current carbon budget as set out in the UK Low Carbon Transition Plan is as follows:

Carbon Budget Summary								
Budget Period 1 (tCO ₂) (2008/12)			Budget Period 2 (tCO ₂) (2013/17)			Budget Period 3 (tCO ₂) (2018/22)		
Offices	Vehicles	Total	Offices	Vehicles	Total	Offices	Vehicles	Total
55,042	11,011	66,053	49,736	9,878	59,614	44,011	8,933	52,944

Summary of the policies and actions

The LODs will work towards reducing its Emissions and meet the SOGE Targets by addressing the actions in the LODs SDAP See Annex 1.

The SDAP includes our carbon reduction plans up to 2012 and in some instances beyond into the carbon budget periods 2 & 3.

The SDAP will be reviewed annually, and in 2012 will be updated with our revised plans for carbon budget period 2 and 3.

This Plan covers the whole of the LODs estate, which numbers around 90 buildings.

Governance,

The Solicitor General is the sustainable development Minister for the Law Officers Departments and has overall responsibility for ensuring the Law Officers Departments fulfil their sustainable development including carbon reduction commitments. The SG is supported by an SRO and Sustainable Development Advisor who are duly supported by the other LODs managers and Senior Managers in each department.

We will need to review and coordinate our operations and working procedures across all elements of the Criminal Justice System to ensure we do not work against each other.

Our Present Position

The LODs occupy around 90 buildings of mixed Display Energy Certificate (DEC) ratings and has a grey fleet, uses hire cars and fleet cars/vans and ministerial cars

Emission Reduction Initiatives up to 2010-11.

For the first budget period we are expecting to reduce our emissions by completing the following: - in addition to the actions stated in the OGC Delivery Plan update.

Carbon Trust Carbon Management Scheme

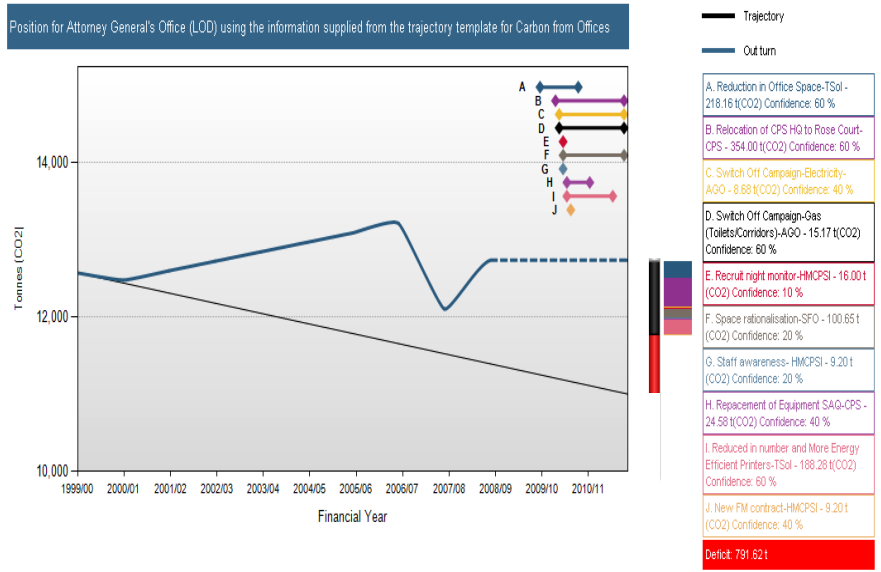
All elements of the LOD have signed up to the Carbon Trusts Carbon Management Service and we expect to benefit from the outcomes one of which is to cut our carbon emissions and make ongoing cost savings and process improvements (the impact of this is likely to extend across all budget periods).

Automatic Meter Read Project

The CPS is looking into a replacement meter (AMR) project which will lead to more accurate billing and data collection.

Delivery Plan Update

As part of the Delivery Plan Update the LODs have indicated that the following will help reduce emissions from Buildings:-



OGC

Diagram 1: Law Officers Departments Carbon Dioxide from Offices

This chart was compiled on the original data submitted to the OGC and does not include all the measures suggested above. The out come is expected to be more favourable once the additional actions have been completed.

And Vehicles:-

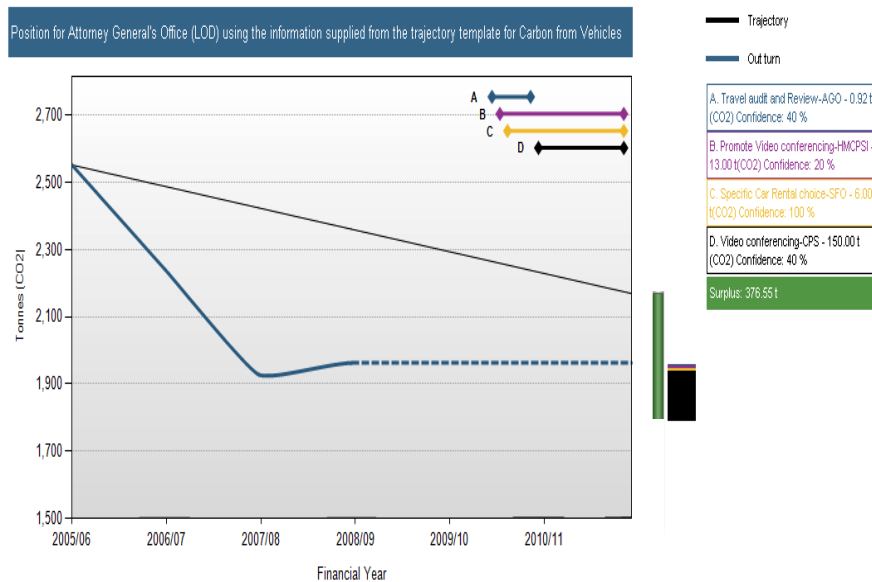


Diagram 2: Law Officers Departments Carbon Dioxide from Vehicles

Initiatives included here are likely to extend beyond the first budget period.

Initiatives beyond 2012 for Carbon budget periods 2 and 3.

Moving beyond 2012 and into carbon budget periods 2 & 3, initiatives are still in the conceptual and planning stages, and have not been quantified. However through them we wish to demonstrate that we have thought beyond the present SOGE targets and Carbon Budget period 1, and we recognise that we will have to continue to reduce carbon emissions over the successive years in order to meet future carbon budgets and the 30% target in 2020.

List of Initiatives.

- Estate Rationalisation will continue to appear on the agenda,
- Continuous review of our Estate assets with a view to replacing ageing and inefficient boilers, chillers and Building Management Systems (BMS) systems.
- Consideration of Energy Performance Contracting once finalised by the OGC.
- Following the CPS Standard Specification for Accommodation to reduce emissions and resource use, when any accommodation moves are required.
- Reaccreditation to the Carbon Trust Standard or joining.
- Continue to follow the Quick wins list in procuring/leasing any equipment
- Consider Voltage optimisation if appropriate on our sites
- Set up and maintain Sustainable Development Induction

Indicators

While we await the confirmation of the new carbon indicators to be agreed for the new SOGE framework, we will continue to use carbon emissions from offices, carbon emissions from vehicles and total estate and operational emissions as our indicators. These have already been stated in the introduction to this plan.

Sustainable Development Action Plan (SDAP)

The LOD SDAP can be found on our website but an excerpt is attached at Annex 1 which indicates the actions we are taking to reduce our Carbon Emissions.

DECC's Overarching Document

DECC have completed an overarching Carbon Reduction Delivery Plan (CRDP) for Government and this can be found at http://www.decc.gov.uk/en/content/cms/what_we_do/lc_uk/carbon_budgets/departments/departments.aspx

Annex 1. Extract from LODs SD Action Plan (SDAP)

Targets	LOD Action Plan Ref	LODs Action
Reduce carbon emissions by 12.5% by 2010-11, relative to 1999/2000 levels	001.02	Consider the potential benefits to be implemented from the Carbon Trust Survey report (of 3 CPS buildings) across the whole of the LODs. Reissue reports and consider individual actions that can be met by 30 April 2010.
Reduce carbon emissions by 30% by 2020, relative to 1999/2000 levels.	001.05	<p>Individual elements of the LODs to review/peruse Trajectory suggestions and consider others as per guidance. Update position at LODs SD Steering group meetings quarterly.</p> <p>Reduction in office space- CPS, SFO and TSols</p> <p>Switch off campaign across AGO and HMCPSI</p> <p>Replacement of Equipment across CPS and TSol</p> <p>Review of implementation of CPS AMR Project</p>
	001.06	Review DEC Grade and consider report recommendations and report at quarterly LODs meetings
	001.07	To be aware of the Requirements of Carbon Reduction Commitment (CRC) by 31 March 2010.

Targets	LOD Action Plan Ref	LODs Action
	003.03	Each Element to Establish an initial Carbon footprint using the Carbon Trust Standard footprint Calculation by 31 May 2010
Reduce carbon emissions from road vehicles used for Government administrative operations by 15% by 2010/11, relative to 2005/2006 levels.	002.01	Individual elements of the LODs to review/peruse Trajectory suggestions and consider others as per guidance. Update position at LODs SD Steering group meetings quarterly.