

ANNEX 2

A Climate Change Action plan for York

2010-2013

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Notes to readers:

This is a draft version of the Climate Change Action Plan for York (2010 – 2013). This document will undergo a series of consultations from April 2010 to June 2010, and including the Environment Partnership Board, Without Walls Partnership Board and City of York Council Executive. Formal public consultation will also be undertaken from June 2010 to September 2010.

Carbon modelling will take place between June and September 2010 to quantify the current actions as outlined in this Action Plan (2010-2013), and to identify what actions and policies City of York Council and Partners will need to undertake in the future to meet the long-term targets associated to the Climate Change Framework for York (2010-2015). Interim targets to ensure York reaches its long term targets will also be identified and set through this modelling work.

Following the consultation stage, a final version of this action plan will be published in September 2010 and it will contain quantifiable current and future actions that will support the city to achieve its long-term targets.

Contents	Page
Executive Summary	4
Section 1 - Introduction	5
Section 2 -The 10 Key areas of the Climate Change Framework	5
Section 3 - Outcomes	6
Section 4 – Action Plans	8
1. Sustainable homes	8
2. Sustainable buildings	10
3. Sustainable energy	11
4. Sustainable waste management	12
5. Sustainable transport system	13
6. Sustainable low carbon economy	15
7. Sustainable low carbon lifestyles	17
8. Sustainable planning and land use	19
9. Sustainable WoW	21
10.Prepared Sustainable York	22
Section 5- Other Greenhouse Gases	23
Section 6 – Priority short term actions	24
Section 7 - Priority longer term actions	24
Section 8 - Implementation	24
Section 9 – monitoring	24
Section 10 –Take action today	24
Section11 - Conclusion	25
Contacts	25
Table 1 - Take action to day	26

Executive Summary

The Climate Change Action Plan (CCAP) for York is a combination of specific action plans. The plans are broken into mitigation actions, actions that will reduce emissions from across the city, and adaptation actions, action that will help the city to better prepare and adapt to climate change. The action plan is the delivery mechanism to achieving the Climate Change Framework.

This document:

- Highlights the key actions and delivery mechanisms to achieving the targets and ambitions as set out in the Climate Change Framework for York
- Highlights actions to delivering:
 1. Sustainable homes
 2. Sustainable buildings
 3. Sustainable energy generation
 4. Sustainable waste management
 5. Sustainable transport system
 6. Sustainable low carbon economy
 7. Low carbon lifestyles
 8. Sustainable planning and land use
 9. Sustainable WoW
 10. Prepared York

1. Introduction

This climate change action plan for York is the delivery mechanism to achieving the targets and ambitions as set out in the Climate Change Framework for York 2010 - 2015.

The Climate Change Framework demonstrates the actions already on-going across the city and highlights the key areas the city needs to begin to address to eventually reach the 2050 UK target of a 80% reduction in Carbon Dioxide (CO₂) emissions by 2050 .

The Climate Change Action Plan for York is broken into mitigation actions, actions that will reduce emissions from across the city, and adaptation actions, action that will help the city to better prepare and adapt to unavoidable climate change. This is summarised below in figure 1.

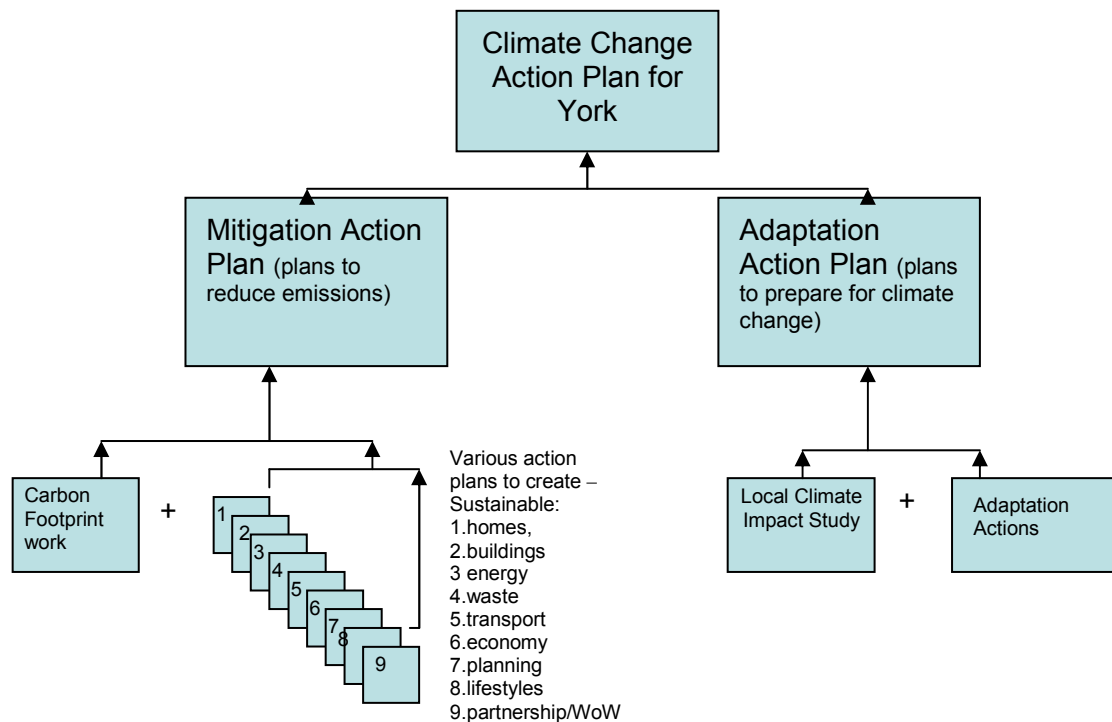


Figure 1. The composition of the Climate Change Action Plan for York 2010-2013

2.The 10 Key areas of the Climate Change Action Plan

In order to tackle climate change, and met the headline targets of the Climate Change Framework 2010- 2013, this action plan will focus on the following 10 areas. These areas are:

- 1.Sustainable homes
- 2.Sustainable buildings

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3. Sustainable energy
4. Sustainable waste management
5. Sustainable transport system
6. Sustainable low carbon economy
7. Sustainable planning and land use
8. Sustainable low carbon lifestyles
9. Sustainable WoW
10. Prepared Sustainable York

For each focused area above an overall outcome has been determined (based on the future direction of travel identified in the Climate Change Framework 2010-2015):

3. Outcomes

This action plan will make progress towards delivering the following outcomes:

1. Creating Sustainable Homes

Overall outcome:

The City will have begun to dramatically reduce CO₂ emissions from domestic housing by accelerating city wide programmes and educational campaigns to increase the uptake of energy efficient measures such as loft and cavity wall insulation in existing homes (including social homes, and where viable, historic buildings) and in all new homes across York.

2. Sustainable Buildings

Overall outcome:

The City will have begun to reduce CO₂ emissions from non- domestic buildings by accelerating city wide programmes and educational campaigns to increase the uptake of energy efficient measures and practices (including schools, and where viable, historic buildings) and in all new buildings.

3. Sustainable Energy

Overall outcome:

The city will have begun to understand the potential for low carbon, renewable, localised sources of energy generation, and will have begun to reduce York's reliance on fossil fuels for energy generation.

4. Sustainable Waste Management

Overall outcome:

The city to continue to reduce greenhouse gas emissions resulting from the management of York's waste and to minimise waste and conserves, reuses and recycle resources. This work will also complement the city's

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Zero Waste Places ambition to reduce the environmental impact of waste.

5. Sustainable Transport

Overall outcome:

The city will continue to implement measures to help people make smarter, sustainable travel choices, supported by a comprehensive, low emission, sustainable transport network. This will be achieved by the emerging Low Emission Strategy, Local Transport Plan 3 and the Local Development Framework (including the Core Strategy). All will help deliver quantifiable reductions in greenhouse gas emissions and other harmful pollutants.

6. Sustainable low carbon economy

Overall outcome:

The city to have accelerated programmes and educational campaigns to support businesses and organisations to reduce carbon emissions and waste across their operations, fleet and workforce. The city's economic strategies and spatial plans must also support the targets of this framework and action plan and the transition to a low carbon economy.

7. Low Carbon Lifestyles

Overall outcome:

York residents to be well informed and living a more greener, sustainable lifestyle where people save energy in their homes, reduce, reuse and recycle waste, walk and cycle, use public transport, grow their own food and buy local produce.

8. Sustainable planning, land-use and agriculture

Overall outcome:

Ensure that the emerging Local Development Framework (including the Core Strategy) for York assists in the creation of an environmentally friendly city that reduces the ecological and carbon footprint of York. In addition, York should ensure the protection and enhancement of the natural environment and maximise the role it can play to help the city tackle climate change and better prepare for a changing climate. The impact of farming and agriculture should also be investigated to help this carbon intensive industry in York to help combat climate change.

9. Sustainable WoW (Without Walls Partnership)

Overall outcome:

Drive forward carbon reduction and climate change adaptation actions across the partnership and the wider communities of York.

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10. Preparing for climate change

Overall outcome:

Continue to investigate the likely future impacts of climate change for York and produce detailed action plans that will better prepare and protect York in the future.

For all the outcomes above a series of targets and actions have been agreed to deliver this. The following sections detail all outcomes and their delivery targets and actions.

All outcomes from this action plan will contribute to delivering the accompanying Climate Change Framework (2010-2015) headline targets and objectives.

It is acknowledged that all the outcomes in this action plan will take a long period of time to achieve, many beyond the 3 year scope of this plan. However, all actions detailed below are expected to make good progress towards achieving the overall outcomes of this action plan. All outcomes will continue to be addressed in all future action plans until achieved.

4. Action plans

Mitigation Actions

1. Creating Sustainable Homes

Overall outcome:

The City will have begun to dramatically reduce CO₂ emissions from domestic housing by accelerating city wide programmes and educational campaigns to increase the uptake of energy efficient measures such as loft and cavity wall insulation in existing homes (including social homes, and where viable, historic buildings) and in all new homes across York.

This will be achieved by:

Action/Target	Lead Partners	Delivery Mechanism
Creating Sustainable homes		
1.1 By 2013, devise a city wide programme to accelerate the installation of energy efficient measures in York's private housing stock	City of York Council / Sustainability4Yorkshire / WOW	Climate Change Action Plan for York 2010-2013
1.2 By December 2010 achieve Decent Homes Standards in the City of York Council's social housing stock by completing energy efficient loft and cavity wall insulation programmes, boiler replacements and	City of York Council / Sustainability4Yorkshire	City of York Council Carbon Management Programme (2008 – 2013)

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rendering programmes		
1.3 By 2013 develop programmes to accelerate the uptake of energy saving /carbon saving measures beyond Decent Home Standard in York's social housing stock.	City of York Council / Sustainability4Yorkshire (Energy Partnership)	City of York Council Carbon Management Programme (2008 – 2013)
1.4. Between 2010 and 2013 install approximately 1000 energy efficient measures/renewable energy measures in private homes across York(* <i>please note that new targets may be set in 2010 in line with national EST revisions</i>).	Sustainability4Yorkshire (Energy Saving Trust advice centre for York and North Yorkshire)	Energy Saving Trust advice centre Annual Business Plan
Action/Target	Lead Partners	Delivery Mechanism
1.5 Between 2010 and 2013 engage with over 7000 York homeowners to promote home energy efficient measures, grants and renewable energy installations (* <i>please note that new targets may be set in 2010 in line with national EST revisions</i>).	Sustainability4Yorkshire (Energy Saving Trust advice centre for York and North Yorkshire)	Energy Saving Trust advice centre Annual Business Plan
1.6 Between 2010 and 2013 accelerate the promotion of home energy efficiency improvements and grants across York.	Sustainability4Yorkshire (Energy Saving Trust advice centre for York and North Yorkshire)/City of York Council	Energy Saving Trust advice centre Annual Business Plan
1.7 By 2012 build on, and review the City of York Council's Interim Statement: Sustainable Design and Construction (2007) (in conjunction with the developments of York's Local Development Framework) and set new targets to reduce carbon dioxide emissions in new homes in line with the government's zero carbon homes target by 2016.	City of York Council	City of York Local Development Framework
1.8 By September 2010 quantify and model the above actions in section 1 above to identify what CO ₂ savings will be made by 2013. From this work, identify future actions relating to creating sustainable homes in York that will ensure the City is on the right pathway	City of York Council	Climate Change Action Plan for York 2010-2013

to achieving the 80% target by 2050.		
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2. Sustainable Buildings

Overall outcome:

The City will have begun to reduce CO₂ emissions from non- domestic buildings by accelerating city wide programmes and educational campaigns to increase the uptake of energy efficient measures and practices (including schools, and where viable, historic buildings) and in all new buildings.

This will be achieved by:

Action/Target	Lead Partners	Delivery Mechanism
2. Creating sustainable buildings		
2.1.City of York Council to reduce its own CO ₂ emissions by 25% by 2013 (based on a 2006/07 baseline)	City of York Council	City of York Council Carbon Management Programme (2008 – 2013)
2.2 As part of the national 10:10 campaign, City of York Council to save approximately 1220 tonnes of CO ₂ emissions from March 2010 – March 2011	City of York Council	City of York Council Carbon Management Programme (2008 – 2013)
2.3 Through the extensive promotion of current programmes run by the North Yorkshire Green Business Club, CO ₂ Sense and other support agencies in the region, coordinate a city wide programme from 2011 – 2013 to help businesses in York to build, run and operate low carbon buildings.	City of York Council/ North Yorkshire Green Business Club/WOW	Climate Change Action Plan for York 2010-2013

<p>2.4 By 2012 build on, and review the City of York Council's Interim Statement: Sustainable Design and Construction (2007) (in conjunction with the developments of York's Local Development Framework) and set new targets to reduce carbon dioxide emissions in all non residential developments (including leisure facilities, schools and refurbishments and conversions) in York.</p>	<p>City of York Council</p>	<p>City of York Local Development Framework</p>
<p>2.5 Quantify and model section 2 actions above to identify what CO₂ savings will be made by 2013. From this work, identify future actions relating to creating sustainable buildings in York that will ensure the City is on the right pathway to achieving the 80% target by 2050.</p>	<p>City of York Council</p>	<p>Climate Change Action Plan for York 2010-2013</p>

3. Sustainable Energy

Overall outcome:

The city will have begun to understand the potential for low carbon, renewable, localised sources of energy generation, and will have begun to reduce York's reliance on fossil fuels for energy generation.

This will be achieved by:

Action/Target	Lead Partners	Delivery Mechanism
<p>Sustainable energy</p>		
<p>3.1 Between 2010 and 2013 accelerate the promotion of domestic renewable energy generation across the city.</p>	<p>Sustainability4Yorkshire (Energy Saving Trust advice centre for York and North Yorkshire)/City of York Council</p>	<p>Energy Saving Trust advice centre Annual Business Plan</p>
<p>3.2 By September 2010 develop a renewable energy viability study for York highlighting the potential for local renewable energy generation in York</p>	<p>City of York Council</p>	<p>City of York Local Development Framework</p>

<p>3.3 Develop citywide programmes to accelerate the local renewable energy generation and local energy distribution networks across York that will help to meet York's Regional Spatial Strategy local target of installed grid-connected renewable energy of 31MW by 2021.</p>	<p>City of York Council</p>	<p>City of York Local Development Framework / Climate Change Action Plan for York 2010-2013</p>
<p>3.4 By September 2010, devise a sustainable, low carbon street lighting strategy that will save XX (INSERT figure when available) tCO₂ from York's street lighting.</p>	<p>City of York Council</p>	<p>City of York Sustainable Street Lighting Strategy / City of York Council Carbon Management Programme (2008 – 2013)</p>
<p>3.5 By 2012 build on, and review the City of York Council's Interim Statement: Sustainable Design and Construction (2007) (in conjunction with the developments of York's Local Development Framework) and create a Supplementary Planning Document that sets new targets to increase renewable energy generation in York's new developments.</p>	<p>City of York Council</p>	<p>City of York Local Development Framework</p>
<p>3.6 By September 2010, quantify and model section 3 above to identify what CO₂ savings will be made by 2013. From this work, identify future actions relating to creating sustainable low carbon/renewable energy generation in York that will ensure the City is on the right pathway to achieving the 80% target by 2050.</p>	<p>City of York Council</p>	<p>Climate Change Action Plan for York 2010-2013</p>

4. Sustainable Waste Management

Overall outcome:

The city to continue to reduce greenhouse gas emissions resulting from the management of York's waste and to minimise waste and conserves, reuses and recycle resources. This work will also complement the city's Zero Waste Places ambition to reduce the environmental impact of waste.

This will be achieved by:

Action/Target	Lead Partners	Delivery Mechanism
4.Sustainable Waste Management		

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4.1 introduce Commercial recycling collections to 1,500 customers by 2013	City of York Council	City of York Council's Waste Management Strategy and Waste Minimisation Strategy
4.2 Continue to rollout kerbside recycling and alternate week collections to all households in the city, by the end of 2010	City of York Council	City of York Council's Waste Management Strategy and Waste Minimisation Strategy
4.3 Increase the percentage of household waste sent for reuse, recycling and composting to 50% by 2011/12. (increase of 1,640 tonnes of waste)	City of York Council	City of York Council's Waste Management Strategy and Waste Minimisation Strategy
4.4 Reduce Biodegradable Municipal Waste going to landfill to meet the council's Landfill Diversion targets by 2020.	City of York Council	City of York Council's Waste Management Strategy and Waste Minimisation Strategy
4.5 Aim to reduce waste arisings by 1% in 2010/11 and by 0.25% in following years. .	City of York Council	City of York Council's Waste Management Strategy and Waste Minimisation Strategy
4.6 Work in partnership with North Yorkshire County Council to deliver a Joint Waste Strategy and Private Finance Initiative to deal with the York and the subregion's rubbish for the next 16 years.	City of York Council	City of York Council's Waste Management Strategy and Waste Minimisation Strategy
4.7 Continue to promote waste prevention, reuse, recycling and composting across the city.	City of York Council	City of York Council's Waste Management Strategy and Waste Minimisation Strategy
4.8 Apply for Zero Waste Places Standard scheme accreditation and implement Zero Waste Places projects by 2012.	City of York Council	City of York Council's Waste Management Strategy and Waste Minimisation Strategy

5. Sustainable Transport

Overall outcome:

The city will continue to implement measures to help people make smarter, sustainable travel choices, supported by a comprehensive, low emission, sustainable transport network. This will be achieved by the emerging Low Emission Strategy, Local Transport Plan 3 and the Local Development Framework (including the Core Strategy). All will help deliver quantifiable reductions in greenhouse gas emissions and other harmful pollutants.

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This will be achieved by:

Action/Target	Lead Partners	Delivery Mechanism
Sustainable Transport System		
5.1 Continue programmes that increase the number of people walking, cycling, taking public transport and car sharing across York by 2011.	City of York Council Bus Operators Cycling City partner organisations	City of York Local Transport Plan 2 Cycling City Programme
5.2 The City of York Council with partners to achieve an increase in walking journeys by 15% and an overall 3% increase in cycling trips by 2011.	City of York Council Cycling City partner organisations	City of York Local Transport Plan 2 Cycling City Programme
5.3 The City of York Council with partners to achieve an increase of 1% in people cycling to work and a reduction of 3.5% in the number of car trips to work.	City of York Council Cycling City partner organisations	City of York Local Transport Plan 2 Cycling City Programme
5.4 The City of York Council to continue to implement action of the Cycling City programme up until 2011.	City of York Council Cycling City partner organisations	City of York Local Transport Plan 2 Cycling City Programme
5.5. By 2011 produce a Local Transport Plan 3 (for 2011 and beyond), and investigate and model its likely carbon (and other pollutants) emissions to ensure that the final plan reduces emissions and improves air quality substantially across the city and in line with the climate change framework	City of York Council	N/A
5.6 The Energy Saving Trust advice centre with partners to encourage residents in York to drive more efficiently, reduce the need to travel and explore sustainable travel alternatives. The Energy Saving Trust Advice Centre will engage local employers to expose the workforce to sustainable transport messages.	Sustainability4Yorkshire (Energy Saving Trust advice centre for York and North Yorkshire)	Energy Saving Trust advice centre Annual Business Plan
5.7 City of York to progress programmes to create 3 new Park and Ride schemes in York.	City of York Council	City of York Local Transport Plan 2 & Major Scheme Bid
5.8 By September 2010, quantify and model section 5 above to identify what CO ₂ savings will be made by 2013. From this work, identify future actions relating to creating a	City of York Council	Climate Change Action Plan for York 2010-2013

sustainable, low emission transport system that will ensure the City is on the right pathway to achieving the 80% target by 2050.		
5.9 Devise and implement a Low Emission Strategy for York by 2011 that will encourage the use and development of a low emission transport and planning system (including the development of electric and other forms of low emission vehicles and fuels and the development of low emission developments).	City of York Council	TBC

6.Sustainable low carbon economy

Overall outcome:

The city to have accelerated programmes and educational campaigns to support businesses and organisations to reduce carbon emissions and waste across their operations, fleet and workforce. The city’s economic strategies and spatial plans must also support the targets of this framework and action plan and the transition to a low carbon economy.

This will be achieved by:

Action/Target	Lead Partners	Delivery Mechanism
Sustainable Low Carbon Economy		
6.1 Provide 2 hours of support through face-to-face support, email and phone advice and attendance at Green Business Club events on environmental improvements to 45 SME businesses in York by 2012.	Sustainability4Yorkshire (North Yorkshire Green Business Club)	North Yorkshire Green Business Club Annual Business Plan
6.2 50 SME organisations in York to be full members of the North Yorkshire Green Business Club by 2012.	Sustainability4Yorkshire (North Yorkshire Green Business Club)	North Yorkshire Green Business Club Annual Business Plan
6.3 Hold 4 themed networking business events to engage with local businesses by 2012. These will cover a range of topics e.g. environmental legislation, carbon footprints, EMS and sustainable procurement.	Sustainability4Yorkshire (North Yorkshire Green Business Club)	North Yorkshire Green Business Club Annual Business Plan

6.4 Please refer to section 2.3.	City of York Council/ North Yorkshire Green Business Club	Climate Change Action Plan for York 2010-2013
6.5 Please refer to section 3.3.	2010-2013	City of York Council and WoW
6.6 City of York Council to lead by example and continue to develop and reshape the council's services, facilities and behavior to become a low carbon, resilient to climate change, council and to reduce CO2 emissions from across CYC estates and fleet by 2013.	City of York Council	City of York Council Carbon Management Programme 2008-2013
6.7 City of York will reduce CO2 emissions associated with the goods and services it buys from other suppliers by 2012 City is on the right pathway to achieving the 80% target by 2050.	City of York Council 2010	City of York Corporate Strategy 2009-2012
6.8 The Without Walls Partnership to develop and accelerate coordinated programmes to promote sustainable procurement and the uptake of Sustainable goods and services across the city and within the Without Walls Partnership	TBC	TBC
6.9 Maximise the work with the City's higher education establishments and to accelerate programmes and research to support the transition of York businesses and economy to a low carbon economy by 2013.	Green Jobs Task Force	Green jobs Task Force Action Plan
6.10 Develop and accelerate, with key agencies, programmes that will generate the creation of green sector jobs in York	Green Jobs Task Force	Green jobs Task Force Action Plan

6.11 By 2013, the Construction Skills Academy in York to support 20 apprentices, achieve 20 NVQs (though on site employees) and 40 site visits from the local communities including primary and secondary schools.	Higher York	Construction Skills Academy Business Plan
6.12 by September 2010, where possible, quantify and model section 6 above to identify what CO2 savings will be made by 2013. From this work, identify future actions relating to creating sustainable low carbon economy in York that will ensure the City is on the right pathway to achieving the 80% target by 2050.	City of York Council	Climate Change Action Plan for York 2010-2013

7. Low Carbon Lifestyles

Overall outcome:

York residents to be well informed and living a more greener, sustainable lifestyle where people save energy in their homes, reduce, reuse and recycle waste, walk and cycle, use public transport, grow their own food and buy local produce.

This will be achieved:

Action/Target	Lead Partners	Delivery Mechanism
Sustainable Low Carbon Lifestyles		
7.1 Please refer to section 1.1	City of York Council / Sustainability4Yorkshire	Climate Change Action Plan for York 2010-2013
7.2 Please refer to section 1.2	City of York Council / Sustainability4Yorkshire	City of York Council Carbon Management Programme (2008 – 2013)

7.3 Please refer to section 1.3	City of York Council / Sustainability4Yorkshire (Energy Partnership)	City of York Council Carbon Management Programme (2008 – 2013)
7.4 Please refer to section 1.4	Sustainability4Yorkshire (Energy Saving Trust advice centre for York and North Yorkshire)	Energy Saving Trust advice centre Annual Business Plan
7.5 Please refer to section 1.5	Sustainability4Yorkshire (Energy Saving Trust advice centre for York and North Yorkshire)	Energy Saving Trust advice centre Annual Business Plan
7.6 Please refer to section 3.1	Sustainability4Yorkshire (Energy Saving Trust advice centre for York and North Yorkshire)/City of York Council	Energy Saving Trust advice centre Annual Business Plan
7.7. Please refer to section 3.5	City of York Council	City of York Local Development Framework
7.8 Please refer to section 4.2	City of York Council	City of York Council's Waste Management Strategy and Waste Minimisation Strategy
7.9 Please refer to section 4.3	City of York Council	City of York Council's Waste Management Strategy and Waste Minimisation Strategy
7.10 Please refer to section 4.4	City of York Council	City of York Council's Waste Management Strategy and Waste Minimisation Strategy
7.11 Please refer to section 5.1	City of York Council	City of York Local Transport Plan 2

7.12 Please refer to section 5.2	City of York Council	City of York Local Transport Plan 2
7.13 Please refer to section 5.3	City of York Council	City of York Local Transport Plan 2
7.14 Please refer to section 5.4	City of York Council	City of York Local Transport Plan 2
7.15 Please refer to section 5.7	City of York Council	City of York Local Transport Plan 2
7.16 Develop a city wide Edible York programme to promote the use of locally grown food and self sufficiency	TBC	TBC

8. Sustainable planning, land-use and agriculture

Overall outcome:

Ensure that the emerging Local Development Framework (including the Core Strategy) for York assists in the creation of an environmentally friendly city that reduces the ecological and carbon footprint of York. In addition, York should ensure the protection and enhancement of the natural environment and maximise the role it can play to help the city tackle climate change and better prepare for a changing climate. The impact of farming and agriculture should also be investigated to help this carbon intensive industry in York to help combat climate change.

This will be achieved by:

Action/Target	Lead Partners	Delivery Mechanism
Sustainable planning landuse and agriculture		
8.1 please refer to Section 3.2	City of York Council	City of York Local Development Framework

8.2 please refer to section 3.3	City of York Council	City of York Local Development Framework
8.3 As per Section 3.5	City of York Council	City of York Local Development Framework
8.4 Through the emerging Local Development Framework and the Core Strategy devise a green infrastructure strategy and supplementary planning document by 2011	City of York Council	City of York Local Development Framework
8.5 by 2011, City of York Council to develop and implement a Tree Strategy for the City which supports the use of trees as effective measures against climate change.	City of York Council	City of York Local Development Framework
8.6 Through the emerging Local Development Framework look to create sustainable communities in all major new development sites including York North West.	2013	Environment Partnership Board – Natural Environment Subgroup,
8.7 Progress the York North West demonstrator project that will build 60 eco homes, including the construction of one eco-show home that will act as a base for sustainable construction training.		

8.8 Carry out research to understand the impact of farming on York's carbon emissions and develop tools and programmes to support the agricultural sector in York	TBC	TBC
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9. Sustainable WoW (Without Walls Partnership)

Overall outcome:

Drive forward carbon reduction and climate change adaptation actions across the WOW and the wider communities of York.

This will be achieved by:

Action/Target	Lead Partners	Delivery Mechanism
Sustainable WoW		
9.1 Manage the implementation of this Climate Change Action Plan from 2010 - 2013	Environment Partnership Board (EPB) and Climate Change Subgroup	Climate Change Action Plan from 2010 - 2013
9.2 To annually monitor progress of the Climate Change Action Plan 2010-2013	Environment Partnership Board via City of York Council	Climate Change Action Plan from 2010 - 2013
9.3 See section 1.1	City of York Council / Sustainability4Yorkshire/ EPB	Climate Change Action Plan for York 2010-2013
9.4 See section 2.3	City of York Council/ North Yorkshire Green Business Club/EPB/Business Forum	Climate Change Action Plan for York 2010-2013
9.5 See section 6.8	TBC	TBC
9.6 See section 6.9	Green Jobs Task Force	Green jobs Task Force Action Plan

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9.7 See section 6.10	Green Jobs Task Force	Green jobs Task Force Action Plan
9.8 To reduce per capita CO2 (average per person) emissions in York by 2011	EPB	Climate Change Action Plan 2010-2013

Adaptation actions

As we have seen there are many mitigation actions that York can carry out to dramatically reduce CO₂ emissions and help to tackle climate change in the future.

However, York needs to also prepare for some of the likely changes to our climate that may happen as a direct result of our past actions and the emissions such actions released into the atmosphere. Such actions that allow us to adapt to changes in our climate will help York to better prepare and adapt to climate change in the future.

10. Preparing for climate change

Overall outcome:

Continue to investigate the likely future impacts of climate change for York and produce detailed action plans that will better prepare and protect York in the future.

This will be achieved by:

Action/Target	Lead Partners	Delivery Mechanism
Prepared Sustainable York		
10.1 By June 2010, complete a local climate impact profile for York to determine current and future vulnerability to weather events and future climate change in York	Environment Partnership Board (EPB) via City of York Council	NI 188: Adapting to Climate Change Action Plan 2009/2010
10.2 By March 2011, undertaken a comprehensive risk based assessment of vulnerabilities to weather and climate, both now and in the future	City of York Council	NI 188: Adapting to Climate Change Action Plan 2010/2011
10.3 Identified the most effective adaptive responses and begin incorporating these in council strategies, plans, partnerships and operations by March 2011.	City of York Council	NI 188: Adapting to Climate Change Action Plan 2010/2011
10.4 By March 2011, mainstream climate change adaptation in the WOW partnership and encourage the	City of York Council / EPB	NI 188: Adapting to Climate Change Action Plan 2010/2011

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WOW to identify major weather and climate vulnerabilities and opportunities that affect the delivery of the Sustainable Communities Strategy (2008-2025).		
10.5 Achieve level 2 of NI 188: Adapting to Climate change by April 2011	EPB	NI 188: Adapting to Climate Change Action Plan 2010/2011
10.6 From 2011, incorporate adaptation actions as identified into this climate change action plan	City of York Council/ EPB	Climate Change Action Plan and CYC Corporate Risk Register

5. Other Greenhouse Gases and a low emission York

The focus of this Climate Change Action Plan centres on reducing CO₂ emissions, and how to adapt to a changing climate. However, in the City other greenhouse gases such as Ozone and Nitrogen Oxides (NO₂) are also present. These emissions are monitored and controlled through Air Quality Management Areas (AQMA), the Local Transport Plan 2 and the emerging Local Development Framework and Core Strategy. To strengthen actions to reduce pollutants across the city, and to sit alongside this climate change action plan, a low emissions strategy and action plan are going to be created. A summary of these actions as they currently stand are detailed below

(At the time of print this strategy was still being developed)

This may be achieved by:

Action/Target	Lead Partners	Delivery Mechanism
Prepared Sustainable York		
S.1 Devise and implement a Low Emission Strategy for York by 2011 that will encourage the use and development of a low emission transport and planning system (including the development of electric and other forms of low emission vehicles and fuels and the development of low emission developments).	City of York Council	TBC
S2. Create a low Emissions Supplementary Planning Document to ensure all new developments are low emissions.	City of York Council	City of York Local Development Framework

The Low Emission Strategy for York will compliment the Climate Change Framework and Action Plan and lead to a quantifiable reduction in a wider range of pollutants from across York's homes, businesses and transport sectors.

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6. Priority short term actions

This section will contain a top 10 list of short term priority actions will save the largest volumes of carbon (They will be identified via the forthcoming modelling work).

7. Aspirational long term actions

This section will contain a top 10 list of priority areas that have been identified through the carbon modelling work that will save the largest volumes of carbon into the medium to long term.

This may include:

- *City wide residential retrofitting energy efficient programmes*
- *Residential retrofitting decentralised energy*
- *Retrofitting decentralised renewable energy*
- *Development of renewable energy (new sites)*
- *Crating Energy Service Companies*
- *Development of cleaner vehicles programme (and infrastructure)*
- *Sustainable Procurement programmes across the Without Walls Partnership*
- *Edible York Programme*
- *Tree Strategy*
- *Low carbon economy*
- *Low carbon transport network*

8. Implementation

The Climate Change Action Plan for York 2010 – 2013 will be implemented by the Climate Change Subgroup of the Environment Partnership Board and key organisations from cross York .

Although many of the actions in this document can be achieved within 1-3 years, the supporting Climate Change Framework document is long term in its outlook and with overarching outcomes and targets. While certain targets and goals can be achieved relatively quickly, other will be covered in many future action plans. All action plans will be reviewed every 3 years in order to accomplish the long term targets set out in the Climate Change Framework for York.

9. Monitoring

Progress of this action plan will be monitored annually through the Climate Change Subgroup. An progress report will be publicised every two years. Emission data (where available) will be collated, as to will an action inventory. All climate change adaptation actions will also be recorded in an inventory.

10. Take action today

In addition to this action plan there are practical actions we can all take at home and at work. Below in Table 1 is a summary of these practical, everyday

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actions that residents, businesses, City of York Council and WoW could take today.

11. Conclusion

It is everyone's responsibility to take action to combat climate change. Residents and businesses can play a vital role in tackling climate change here in York. This Framework will help coordinate city wide action and ensure York reaches its 80% reduction in CO₂ emissions by 2050.

By publishing this Climate Change Action Plan, the Without Walls Partnership and City of York Council aim to set the standard for future action to alleviate the effects of climate change, to raise awareness among local people about the likely impacts of a changing climate, and declare York's intention to work in partnership with the residents and businesses to develop a more sustainable York.

This Climate Change Action Plan (2010-2013) provides details of all the planned actions that will be implemented across York in the next 3 years and beyond. It also contains practical actions for residents and businesses to carry out today.

A leaflet on creating a Sustainable York and tackling climate change is also available from most City of York Council reception desks and via the City of York Council's website www.york.gov.uk/environment/sustainability/climatechange/

Contact us

For more information on tackling climate change in York contact the City of York Council Sustainability Section on:

General enquiries

Tel: (01904) 551550

Email sustainability@york.gov.uk

Post:













City of York Council
City Strategy
9 St Leonard's Place
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Table 1: Table illustrating all the actions that can be taken across York today

Actions Residents	Resident	Business/ Organisation	City of York Council	Without Walls Partnership
Find out your carbon footprint at www.actonco2.com and take actions to reduce it.	☑			
Improve your home				
Don't waste energy in your home, turn off appliances at the mains when you are not using them	☑			
Insulate your home/ building and install double glazing	☑	☑	☑	☑
Use energy efficient appliances like light bulbs	☑	☑	☑	☑
Call the Energy Saving Trust Advice Centre in York on 0800 512012 for more ideas and possible financial support	☑			
Out and about				
Reduce the number of short trips you make in the car	☑	☑	☑	☑
Walk more	☑☑	☑☑	☑☑	☑☑
Cycle more. To find out cycle routes in York visit http://www.york.gov.uk/transport	☑☑	☑☑	☑☑	☑☑
Take a bus instead of your car. To find the services you need visit www.traveline.org.uk	☑	☑	☑	☑
When you do have to go out in your car, car share where possible. Visit http://www.carshareyork.com for more details	☑	☑	☑	☑
For more advice read <i>Are you carwise in York?</i> (available from www.york.gov.uk/sustainability)	☑	☑	☑	☑
Reduce, reuse and recycle				
Use your kerbside recycling facilities	☑☑			
Buy goods with minimum packaging	☑☑☑	☑	☑	☑
Reuse carrier bags or use a bag for life	☑☑			
Stop junk mail via the Mail Preference Service. Call 0207 291 3310	☑			
Consider using 'real nappies'	☑☑			
Donate unwanted but useable items to charity shops and unwanted furniture to the York Community	☑☑			

Furniture Store				
For more ideas visit www.york.gov.uk/environment/waste/				
Compost and grow your own food				
Buy a compost bin and use organic waste from the kitchen and garden to create your own compost. For more details visit www.york.gov.uk/environment/waste/	☑	☑		
Grow you own vegetables in your garden (or equivalent)	☑			
Buy local produce	☑	☑	☑	☑
Actions Businesses	Resident	Business/ Organisation	City of York Council	Without Wall Partnership
Calculate your carbon footprint and devise a carbon reduction action plan / programme to reduce it. For more details visit www.carbontrust.co.uk		☑	☑	
Look to reduce the impact the goods and service you buy have on the environment. Including devising a Sustainable Procurement Strategy/plan and look at an environmental management system. For more details visit www.businesslink.gov.uk		☑	☑	☑
Investigate the use of renewable energy on your premises to generate energy. If this is not possible ask your energy provider to supply you with a green tariff from renewable energy sources in UK. Visit www.carbontrust.co.uk		☑	☑	
Carry a waste audit to understand what waste you create and then create a waste reduction plan/programme (including waste minimisation and recycling) visit www.businesslink.gov.uk		☑	☑	
Understand your organisation's travel patterns and requirements and then devise plans/ programmes to increase numbers of employees and customers walking, cycling, utilising public transport and lift sharing. This could involve the creation of a travel plan.		☑	☑	☑

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Raise employee and customers awareness of tackling climate change. Visit www.businesslink.gov.uk for more details.				
Action	Resident	Business/ Organisation	City of York Council	Without Wall Partnership
Build or re-furbish buildings to the highest sustainable design. Visit www.york.gov.uk/environment/Planning/guidance/Design_and_construct_draft_SPG				
City of York Council and Without walls Partnership to carry out the actions identified in this framework document including:				
Devise a city wide programme to accelerate energy efficiency and renewable energy in our homes through additional financial incentives or by expanding and developing current programmes and grants				
Continue to promote the Energy Saving Trust Advice Centre and Energy Partnership and promote home energy efficiency improvements, grants and renewable energy across the city.				
City of York Council, to build on, and review the City of York Council's Interim Statement: Sustainable Design and Construction (2007), this will be in conjunction with the developments of the city's Local Development Framework and will set targets to reduce carbon emissions in homes in line with the government's zero carbon homes target by 2016 and the climate change framework.				
City of York Council to create a renewable energy feasibility study for York highlighting the potential for local renewable energy infrastructure and local energy distribution networks and Energy Service Companies				

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Through the emerging Local Development Framework City of York Council to look to create sustainable communities in all major new development sites including York North West and British Sugar Site.			☑	☑
Action	Resident	Business/ Organisation	City of York Council	Without Wall Partnership
City of York in partnership with Energy Saving Trust Advice Centre, Energy Partnership and the Without Walls Partnership, including Lifelong Partnership develop a citywide programme to accelerate training and employment opportunities in the 'green sector' focusing on energy efficiency and renewable energy.			☑	☑
City of York to develop and implement a sustainable street lighting strategy that will reduce the carbon emissions associated to street lighting across York.			☑	
City of York Council with partners reduce the percentage of municipal waste sent to landfill to 50% by 2014			☑	☑
Work in partnership with North Yorkshire County Council to deliver a Joint Waste Strategy to deal with the area's rubbish for the next 25 years.			☑	
City of York Council with partners to continue programmes to increase the number of people walking, cycling, taking public transport and car sharing across York.			☑	☑
The City of York Council with partners to achieve an increase in walking journeys by 15% and an overall 3% increase in cycling trips by 2011.			☑	☑
The City of York Council with partners to achieve an increase of 1% in people cycling to work and a reduction of 3.5% in the number of car trips to work by 2011			☑	☑
The City of York Council to continue to implement action of the Cycling City programme.			☑	

Action	Resident	Business/ Organisation	City of York Council	Without Wall Partnership
The City of York Council to publish a Local Transport Plan 3 (for 2011 and beyond) by 2011, and to investigate and model its likely impacts to ensure that the final plan reduces carbon emissions and improves air quality substantially across the city and line with the climate change framework			☑	☑
City of York Council to lead by example and continue to develop and reshape the council's services, facilities and behavior to become a low carbon, resilient to climate change, council.			☑	
The Without Walls to finalise this framework and action plan by summer 2010			☑	☑
The Environment Partnership Board to continue to lead on the framework and action plan.			☑	☑
The Without Walls Partnership to develop and accelerate coordinated programmes to promote sustainable procurement and the uptake of sustainable production and consumption across the city and within the Without Walls Partnership			☑	☑
The Without Walls Partnership to work with the city's higher education establishments and to accelerate programmes and research to support the transition of York businesses and economy to a low carbon economy.			☑	☑
The Without Walls Partnership to develop and accelerate, with key agencies, programmes that will generate the creation of green sector jobs in York			☑	☑
The Without Walls Partnership to develop and accelerate, with key agencies, additional business support and training for businesses to help them to become more sustainable and tackle climate change (including packages to help			☑	☑

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businesses adapt and build resilience to climate change).				
The 8 Partnerships of the Without Walls should provide inspired on-going leadership regarding climate change, including a citywide communication programme on how to tackle climate in York.			☑	☑
Continue the various community local area delivery fund projects that will reduce carbon emissions across the city.				☑
The Without Walls Partnership to ensure the framework and action plan predict and forecast what York will need to do over the next 40 years to ensure the national target of a 80% reduction in CO2 emissions is achieved by 2050				☑

