



Notice of meeting of

Executive

To:	Councillors Waller (Chair), Ayre, Steve Galloway, Moore, Morley, Reid and Runciman
Date:	Tuesday, 12 April 2011
Time:	2.00 pm
Venue:	The Guildhall, York

AGENDA

Notice to Members - Calling In:

Members are reminded that, should they wish to call in any item on this agenda, notice must be given to Democracy Support Group by:

10:00 am on Monday 11 April 2011, if an item is called in *before* a decision is taken, *or*

4:00 pm on Thursday 14 April 2011, if an item is called in *after* a decision has been taken.

Items called in will be considered by the Scrutiny Management Committee.

1. **Declarations of Interest**

At this point, Members are asked to declare any personal or prejudicial interest they may have in the business on this agenda.

2. Minutes (Pages 3 - 16)

To approve and sign the minutes of the Executive meeting held on 29 March 2011 and the minutes of the Executive (Calling-In) meetings held on 21 December 2010, 11 January 2011, 1 March 2011 and 22 March 2011.

3. Public Participation

At this point in the meeting, members of the public who have registered their wish to speak regarding an item on the agenda or a matter within the Executive's remit can do so. The deadline for registering is **5:00 pm on Monday 11 April 2011**.

4. Executive Forward Plan (Pages 17 - 18)

To receive details of those items that are listed on the Forward Plan for the next two Executive meetings.

5. Final Report arising from the Edible York Ad Hoc Scrutiny Review (Pages 19 - 24)

This report presents the findings of the Edible York Ad Hoc Scrutiny Committee, Councillor D'Agorne, the Chair of the Ad Hoc Scrutiny Committee, will be in attendance to present the report.

Note: copies of the A5 booklet style final report have been distributed with this agenda to Members only. The final report can also be viewed on-line.

6. Covenant of Mayors SEAP Submission and Sustainable Development Update (Pages 25 - 92)

This report outlines the City of York's commitments to the EU Covenant of Mayors (CoM) campaign, seeks approval for the Sustainable Energy Action Plan and provides a brief update on other sustainability work being carried out across the Council and the City.

7. Funding of Additional £657k Revenue Highway Maintenance Scheme Programme 2011/12 (Pages 93 - 98)

This report requests the Executive to approve revenue funding of £657k from Council contingencies for the undertaking of additional highway maintenance schemes.

8. Urgent Business

Any other business which the Chair considers urgent under the Local Government Act 1972.

Democracy Officer:

Name: Fiona Young

Contact details:

- Telephone – (01904) 551027
- E-mail – fiona.young@york.gov.uk

For more information about any of the following please contact the Democracy Officer responsible for servicing this meeting:

- Registering to speak
- Business of the meeting
- Any special arrangements
- Copies of reports

Contact details are set out above.

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Further information about what's being discussed at this meeting

All the reports which Members will be considering are available for viewing online on the Council's website. Alternatively, copies of individual reports or the full agenda are available from Democratic Services. Contact the Democracy Officer whose name and contact details are given on the agenda for the meeting. **Please note a small charge may be made for full copies of the agenda requested to cover administration costs.**

Access Arrangements

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Holding the Executive to Account

The majority of councillors are not appointed to the Executive (40 out of 47). Any 3 non-Executive councillors can 'call-in' an item of business from a published Executive (or Executive Member Decision Session) agenda. The Executive will still discuss the 'called in' business on the published date and will set out its views for consideration by a specially convened Scrutiny Management Committee (SMC). That SMC meeting will then make its recommendations to the next scheduled Executive meeting in the following week, where a final decision on the 'called-in' business will be made.

Scrutiny Committees

The purpose of all scrutiny and ad-hoc scrutiny committees appointed by the Council is to:

- Monitor the performance and effectiveness of services;
- Review existing policies and assist in the development of new ones, as necessary; and
- Monitor best value continuous service improvement plans

Who Gets Agenda and Reports for our Meetings?

- Councillors get copies of all agenda and reports for the committees to which they are appointed by the Council;
- Relevant Council Officers get copies of relevant agenda and reports for the committees which they report to;
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City of York Council

Committee Minutes

MEETING	EXECUTIVE
DATE	29 MARCH 2011
PRESENT	COUNCILLORS WALLER (CHAIR), AYRE, STEVE GALLOWAY, MOORE, MORLEY, REID AND RUNCIMAN
IN ATTENDANCE	COUNCILLOR FIRTH

183. DECLARATIONS OF INTEREST

Members were invited to declare at this point in the meeting any personal or prejudicial interests they might have in the business on the agenda. No interests were declared.

184. MINUTES

RESOLVED: That the minutes of the Executive meeting held on 15 March 2011 be approved and signed by the Chair as a correct record.

185. PUBLIC PARTICIPATION

It was reported that there had been no registrations to speak at the meeting under the Council's Public Participation Scheme.

186. EXECUTIVE FORWARD PLAN

Members received and noted details of those items currently listed on the Forward Plan for the next two Executive meetings.

187. MINUTES OF WORKING GROUPS

Members considered a report which presented the minutes of the Local Development Framework Working Group (LDFWG) meeting held on 14 February 2011 and the Equality Advisory Group (EAG) meeting held on 15 February 2011.

Members were asked to consider a number of specific recommendations contained in the minutes, as summarised below:

- LDFWG Minute 34 – to add the British Sugar Site and the Severus Hill Water Reservoir to Appendix 1 of the Biodiversity Report.
- EAG Minute 19
 - To adopt the Equalities Monitoring Form for use by all Council departments.

- To consider linking alarms in accessible toilets in Council buildings to the Warden Call Service.
- To compile a comprehensive list of organisations for consultation and make all council consultations available on the Council's website.

Having noted the comments of the Labour Group Spokespersons on this item, it was

- RESOLVED:
- i) That the draft recommendations of the Local Development Framework Working Group and the Equality Advisory Group, attached at Annexes A and B to the report be approved.
 - ii) That the specific recommendation of the Equality Advisory Group that the Equalities Monitoring Form be adopted for use by all council departments, be approved. ^{1.}
 - iii) That Officers be requested to arrange for the erection of appropriate signage outside Disabled Toilets providing members of the public with information on the operation of the alarms together with appropriate contact details. ^{2.}

REASON: In accordance with the requirements of the Council's Constitution in relation to the role of working groups.

Action Required

- | | |
|--------------------------------------|----|
| 1. Implement use of Equalities form. | EC |
| 2 Arrange for sign erection. | RS |

188. CUSTOMER COMPLAINTS POLICY REVIEW - FINAL REPORT

Members considered a report which set out the findings of the Task Group set up by the Effective Organisation Overview & Scrutiny Committee to review the Council's Customer Complaints procedures. Cllr Firth, the Chair of the Task Group, was in attendance to present the Group's final report.

The Group's eight recommendations were set out in paragraph 7 of the covering report and in the A5 pamphlet version of their final report, attached at Annex A. The full final report had been made available to view on the Council's website.

Having noted the comments of the Labour Group Spokespersons on this item, it was

RESOLVED: That the recommendations arising from the Customer complaints Policy Scrutiny Review as detailed at paragraph 7 of the report, be approved and noted. ^{1.}

REASON: In order to respond to the Task Group's recommendations and to address the concerns raised when this scrutiny topic was originally submitted.

Action Required

1. Arrange for implementation of Task Groups recommendations.

PS

189. CYCLING CITY PROGRAMME - PROGRESS REPORT 5

Members considered a report which provided the fifth and final update on the progress of the Cycling City York (CCY) Programme, highlighting works and achievements in the programme throughout its lifetime and initial conclusions.

The report set out progress and key conclusions in each area of the programme, including marketing, communications & events, the schools group, participation initiatives, workplace initiatives and engagement with the Police and Safer Partnerships team. The programme had demonstrated a successful approach to influencing behavioural change towards sustainable forms of transport, although care must be taken to avoid negative impacts on other such transport, such as buses. From a structural point of view, revenue initiatives supported by capital schemes and a clear marketing and communications approach had proven more effective and less costly than capital schemes alone.

The conclusions in the report would form part of Cycling England's wider report to the Department for Transport (DfT). The DfT was seeking further focus and funding from local authorities for similar initiatives and programmes after conclusion of the Local Sustainable Transport Fund (LSTF) in 2015. If the Council's LSTF bid was successful, this additional momentum should enable cost effective projects to continue after this period by building on current work, albeit with fewer resources.

Officers updated on the monitoring work undertaken and to key York cycling statistics from 2010, details of which had been attached to the republished agenda at Annex B.

Having noted the comments of the Labour Group Spokespersons on this item, it was

RESOLVED: That the Executive notes the progress made on the Cycling City programme and expresses its support for the continuation of the programmes aims and achievements.

REASON: To update members on progress and monitoring of the Cycling City programme.

A Waller, Chair

[The meeting started at 2.00 pm and finished at 2.45 pm].

MEETING	EXECUTIVE (CALLING IN)
DATE	21 DECEMBER 2010
PRESENT	COUNCILLORS WALLER (CHAIR), AYRE, STEVE GALLOWAY, MOORE, MORLEY, REID AND RUNCIMAN

6. DECLARATIONS OF INTEREST

Members were invited to declare at this point in the meeting any personal or prejudicial interests they might have in the business on the agenda. No interests were declared.

7. PUBLIC PARTICIPATION/OTHER SPEAKERS

It was reported that there had been one registration to speak at the meeting under the Council's Public Participation Scheme.

Representations were received from a resident of Westminster Road who referred to the length of time spent by both members and officers on the Water End scheme and subsequent traffic issues on Westminster Road/The Avenue. He requested Members to agree to the reinstatement of the left hand lane to alleviate the 97% increase in traffic on Westminster Road/The Avenue. He reiterated that the existing scheme went against highway guidance and he suggested that an examination should be made of alternative measures to slow through traffic on these residential roads.

Cllr Galvin, addressed the meeting as Chair of the Scrutiny Committee. He confirmed that the Committee's deliberations had centred on three issues. The first being that the removal of the left hand filter lane had increased congestion at the Water End junction, secondly the increase in traffic on Westminster Road/The Avenue and finally that the new layout had not resulted in improved safety for cyclists.

8. CALLED-IN ITEM: WATER END/CLIFTON GREEN REVIEW - REINSTATEMENT OF LEFT-TURN TRAFFIC LANE AND CHICANE TRIAL

Members reconsidered the decisions taken by the Executive Member for City Strategy on 7 December 2010 in relation the possible reinstatement of a left turn lane on the Water End approach to the Clifton Green traffic signals, whilst retaining a dedicated cycle lane. The report also set out details of the responses received to the proposal to take forward a chicane trial along Westminster Road and The Avenue.

The Executive Member's decisions on this item had been called in by Cllrs Gillies, Douglas, Hudson, King, Scott and Watt and subsequently considered by the Scrutiny Management Committee (SMC) (Calling In) at a meeting on 20 December 2010. The SMC (Calling In) had resolved:

“That Option B be approved and resolutions 4 i) and ii) be referred back to the Executive with a recommendation that they request the Executive Member to:

Reinstate the left hand lane with or without a cycle lane on the basis of:

- i) increased traffic levels and congestion caused by not having a left turn lane, and*
- ii) the impact of extra traffic on Westminster Road.”*

In response to Cllr Galvin's comments, the Executive Member for City Strategy explained that the Officer's report to the Decision Session had been based on the recommendations of the Scrutiny Task Group. He pointed out that the report had taken into account the views of officers, cycling organisations, the Police and Ambulance Service and the results of the Road Safety Audit

Having heard the comments of the Chair of the Scrutiny Management Committee and the Executive Member for City Strategy and having considered the decisions in the light of the advice offered by the SMC (Calling In), it was

RESOLVED: That Officers be requested to prepare a report for consideration by the Executive Member for City Strategy at a future Decision Session on the consequences of reinstating the left turn lane, without cycle lane, at the Water End/Clifton Green junction

REASON: In accordance with the calling-in procedure and to take account of the advice offered by the Scrutiny Management Committee (Calling In).

CLLR A WALLER, Chair

[The meeting started at 2.00 pm and finished at 2.30 pm].

MEETING	EXECUTIVE (CALLING IN)
DATE	11 JANUARY 2011
PRESENT	COUNCILLORS WALLER (CHAIR), AYRE, STEVE GALLOWAY, MOORE, MORLEY, REID AND RUNCIMAN

9. DECLARATIONS OF INTEREST

Members were invited to declare at this point in the meeting any personal or prejudicial interests they might have in the business on the agenda. No interests were declared.

10. PUBLIC PARTICIPATION

It was reported that there had been no registrations to speak at the meeting under the Council's Public Participation Scheme.

11. CALLED-IN ITEM: THE REABLEMENT SERVICE IN YORK

It was noted that the decisions made by the Executive on this item at their meeting on 14 December 2010 had been confirmed by the Scrutiny Management Committee (Calling In). There was therefore no need to reconsider those decisions.

12. CALLED-IN ITEM: CITY OF YORK LOCAL TRANSPORT PLAN 3 - DRAFT 'FRAMEWORK' LTP3 CONSULTATION RESPONSES

Members considered an item which had appeared on the agenda for the Decision Session of the Executive Member for City Strategy held on 4 January 2011. The item related to a report which detailed the responses received to consultation on the draft Framework Local Transport Plan (LTP) 3, prior to submission of a draft full LTP3.

This item had been called in by Cllrs Merrett, Potter and Simpson-Laing prior to a decision being taken by the Executive Member. It had subsequently been considered by the Scrutiny Management Committee (SMC) (Calling In) at a meeting on 10 January 2011. The SMC (Calling In) had resolved:

"That Option B be approved and that the matter be referred to the Executive (Calling In) meeting, with a specific recommendation that the Executive Member for City Strategy take into account the results of consultation on the 20 mph speed limit as an important part of the LTP3 strategy."

Cllr Galvin addressed the meeting as Chair of the SMC, explaining the Committee's view that there was strong support amongst residents for a 20 mph speed limit and that the consultation results should be taken into account at this stage, given that the LTP3 would be presented to Executive on 15 March and the deadline for submission of the final version was 30 March. The Executive Member for City Strategy responded that the consultation results, and the results of the trial in Fishergate, would be presented to his Decision Session on 1 February along with the draft LTP3, and that this would be a more appropriate time to consider matters for inclusion in the LTP3 prior to submission of the final version.

Having debated the matter, it was

RESOLVED: (i) That it be noted that the results of the residents' survey on 20 mph speed limits will be presented to the Decision Session of the Executive Member for City Strategy on Tuesday 1 February 2011.

(ii) That it is expected that the impact of vehicle speed on road safety will form part of the LTP3 strategy when it is considered at the Executive meeting on 15 March 2011.

REASON: In accordance with the calling-in procedure and to take account of the advice offered by the Scrutiny Management Committee (Calling In).

A Waller, Chair

[The meeting started at 2.00 pm and finished at 2.20 pm].

MEETING	EXECUTIVE (CALLING IN)
DATE	1 MARCH 2011
PRESENT	COUNCILLORS WALLER (CHAIR), AYRE, STEVE GALLOWAY, MOORE, MORLEY, REID AND RUNCIMAN

13. DECLARATIONS OF INTEREST

Members were invited to declare at this point in the meeting any personal or prejudicial interests they might have in the business on the agenda. No interests were declared.

14. PUBLIC PARTICIPATION

It was reported that there had been one registration to speak at the meeting under the Council's Public Participation Scheme.

Anna Semlyen, of the '20's Plenty' campaign, spoke in respect of agenda item 3 (Called-In Item: 20 mph Speed Limits – Your City Results and an Update on Policy Development). She expressed the view that the Council's consultation on this matter had been poorly carried out, and stressed the benefits of introducing a city-wide 20 mph speed limit, as had been done in many other cities, in terms of improving safety, reducing pollution and encouraging exercise.

15. CALLED-IN ITEM: 20MPH SPEED LIMITS: YOUR CITY RESULTS AND AN UPDATE ON POLICY DEVELOPMENT

Members reconsidered the decisions taken by the Executive Member for City Strategy on 1 February 2011 in relation to the results of public consultation on, and a trial of, 20 mph speed limits, and options for developing a policy in relation to this matter.

The Executive Member's decisions on this item had been called in by Cllrs Merrett, Potter and Simpson-Laing and subsequently considered by the Scrutiny Management Committee (SMC) (Calling In) at a meeting on 28 February 2011. The SMC (Calling In) had resolved:

“That Option B be approved and that the matter be referred to the Executive (Calling-In) meeting, for the reason that the Executive Member for City Strategy failed to take account of the comments raised by the calling in Members as set out above.”

Having heard the comments of the Executive Member for City Strategy and having considered the decisions in the light of these and of the advice

offered by the SMC (Calling In) and the comments made under Public Participation, it was

RESOLVED: That the original decisions of the Executive Member for City Strategy on this item be confirmed.

REASON: In accordance with the calling-in procedure and taking account of the costs implications of introducing a city-wide speed limit and the need to focus limited resources on other safety measures and enforcing existing speed limits.

16. CALLED-IN ITEM: CITY OF YORK LOCAL TRANSPORT PLAN 3 - 'SUMMARISED DRAFT' LTP3

Members reconsidered the decisions taken by the Executive Member for City Strategy on 1 February 2011 in relation to a report presenting the Summarised Draft Full 'City of York Local Transport Plan, 2011 and Onwards'.

The Executive Member's decisions on this item had been called in by Cllrs Merrett, Potter and Simpson-Laing and subsequently considered by the Scrutiny Management Committee (SMC) (Calling In) at a meeting on 28 February 2011. The SMC (Calling In) had resolved:

"That Option B be approved and that the matter be referred to the Executive (Calling-In) meeting, for the reason that the Executive Member for City Strategy failed to take account of the comments raised by the calling in Members as set out above."

Having heard the comments of the Executive Member for City Strategy and having considered the decisions in the light of the advice offered by the SMC (Calling In), it was

RESOLVED: That the original decisions of the Executive Member for City Strategy on this item be amended to include approval of the following additional amendments to the summarised Draft Full LTP3 document:

Strategic Theme 4 – Tackle Transport Emissions

- Aim E2, Objective b – to be strengthened to read: *'Develop area / corridor based approaches to regulating the entry of more polluting vehicles within the City's air quality management areas.'*
- Supporting text to clearly draw out the significant contribution that the aims and objectives sitting under the other four strategic themes in LTP3 will make to addressing air quality (e.g. improvements to cycling, Park & Ride and local bus services)

Implementation Programme

a) Ticketing

- Measure E1b, 'upgrade the bus fleet to reduce the proportion that has an emission standard below Euro III – timescale to be brought forward to commence in 2012/13 (was 2013/14)

b) Tackling transport emissions

- Measure E1b, 'introduce hybrid, electric or other alternatively fuelled vehicles to the bus and taxi fleets' – timescale to be brought forward to commence in 2013/14 (was 2014/15)
- Measure E2a, 'investigate low emission zone for the city centre and implement if feasible' – timescale to run through short, medium and long term phases to bring forward the implementation stage (currently in short and long term), and description to reflect scope for other area / corridor based approaches to be investigated.

REASON: In accordance with the calling-in procedure and to address the concerns expressed by the Calling-In Members regarding air quality.

A Waller, Chair

[The meeting started at 2.30 pm and finished at 2.50 pm].

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MEETING	EXECUTIVE (CALLING IN)
DATE	22 MARCH 2011
PRESENT	COUNCILLORS WALLER (CHAIR), AYRE, STEVE GALLOWAY, MOORE, REID AND RUNCIMAN
APOLOGIES	COUNCILLOR MORLEY

17. DECLARATIONS OF INTEREST

Members were invited to declare at this point in the meeting any personal or prejudicial interests they might have in the business on the agenda. No interests were declared.

18. PUBLIC PARTICIPATION

It was reported that there had been no registrations to speak at the meeting under the Council's Public Participation Scheme.

19. CALLED-IN ITEM: LOCAL SUSTAINABLE TRANSPORT FUND

Members reconsidered the decisions taken by the Executive Member for City Strategy on 1 March 2011 in relation to a report which sought approval for a proposed approach for the submission of an application to the Department of Transport's Local Sustainable Transport Fund.

The Executive Member's decisions on this item had been called in by Cllrs Merrett, Potter and Simpson-Laing and subsequently considered by the Scrutiny Management Committee (SMC) (Calling In) at a meeting on 21 March 2011. The SMC (Calling In) had resolved:

"That Option B be approved and resolution 8 (iv) referred to the Executive (Calling-In) meeting, for the reason that any final submission delegated to officers should only follow consultation with all Groups' transport spokespersons as well as the Executive Member given the importance of this bid for future transport funding in the city."

Having heard the comments of the Executive Member for City Strategy and having considered the decisions in the light of these and of the advice offered by the SMC (Calling In), it was

RESOLVED: That Resolution (iv) of the Executive Member's decisions be amended to include a requirement that consultation on the Local Sustainable Transport Fund (LSTF) bid take place with the transport

spokespersons from all Groups prior to submission of the bid.

REASON: In accordance with the calling-in procedure and the advice of the Scrutiny Management Committee (Calling-In).

20. CALLED-IN ITEM: CITY STRATEGY CAPITAL PROGRAMME - 2011/12 BUDGET REPORT

This item was not referred back by the SMC (Calling-In), so was not considered at this meeting.

21. CALLED-IN ITEM: DEVELOPMENT OF THE EXPLORE VISION IN LIBRARIES

This item was not referred back by the SMC (Calling-In), so was not considered at this meeting.

A Waller, Chair

[The meeting started at 2.00 pm and finished at 2.02 pm].

Executive Meeting 12 April 2011

EXECUTIVE FORWARD PLAN (as at 14 March 2011)

Table 1: Items scheduled on the Forward Plan for the Executive Meeting on 26 April 2011		
Title & Description	Author	Portfolio Holder
<p>Carer's Review Final Report</p> <p><i>Purpose of report: To present the Executive with the Final Report arising from the Carer's Review.</i></p> <p><i>Members are asked to: Approve the recommendations arising from the Review.</i></p>	Tracy Wallis	Executive Member for Health and Adult Social Services
<p>Minutes of Working Groups</p> <p><i>Purpose of Report: This report presents the minutes of recent meetings of the Young People's Working Group, the Local Development Framework Working Group, the Equality Advisory Group and the Mayoralty Advisory Group and asks Members to consider the advice given by the groups in their capacity as advisory bodies to the Executive.</i></p> <p><i>Members are asked to: Note the minutes and decide whether they wish to approve the specific recommendations made by the Working Groups, and/or respond to any of the advice offered by the Working Groups.</i></p>	Jayne Carr	Executive Leader

Table 2: Items scheduled on the Forward Plan for the Executive Meeting on 7 June 2011		
Title & Description	Author	Portfolio Holder
<p>Proposed Increase in CYC Funding to the Voluntary Sector</p> <p><i>Purpose of report: At Budget Council in February 2011 it was agreed to increase CYC funding to the voluntary sector in York by an additional £93,000, in order to 'pump-prime initiatives in the voluntary sector which will enable council costs to be reduced in future years.</i></p> <p><i>Members are asked to consider the proposals put forward by officers (in consultation with the voluntary sector) for the allocation of this funding and approve, amend or reject accordingly.</i></p>	Adam Gray/ Kate Bowers	Executive Member for Leisure, Culture and Social Inclusion

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Executive

12th April 2011

Report of the Assistant Director Governance & ICT

Final Report arising from the Edible York Ad Hoc Scrutiny Review

Summary

1. This report presents Members with the final report arising from the Edible York Ad Hoc Scrutiny Committee (the attached A5 booklet refers). Councillor D'Agorne, the Chair of the Ad Hoc Scrutiny Committee will be in attendance at the meeting to present the report.

Background

2. At a meeting of the Scrutiny Management Committee (SMC) in December 2010 Members agreed to undertake a scrutiny review on the theme of local food growing. Councillor D'Agorne had registered the topic and the original topic registration form is available on-line as part of this report.
3. An Ad Hoc Scrutiny Committee was set up to undertake the review and the following remit was set:

Aim

4. To improve how City of York Council supports community food growing

Key Objectives

- i. To develop an information page on City of York Council's website which provides information and links to organisations involved in food growing initiatives
- ii. To identify the barriers to communication between City of York Council and voluntary organisations
- iii. To identify potential areas of land in the city suitable for food growing
- iv. To consider how best to enable and encourage individuals and groups to grow food
- v. To encourage schools to participate in local food growing initiatives.

Summary of Recommendations Arising from the Review

5. Between December 2010 and March 2011 the Committee gathered information in relation to the review and this resulted in them making the following recommendations:

Recommendation 1 – That a collection point be established at the Hazel Court Household Waste Site for garden tools and Council officers investigate and implement a suitable system for collection, storage and distribution of the tools (including exploring the possibility of working with the Community Furniture Store to distribute these). This should be for a trial period of 6 months and if successful then permanently implemented. *(Fourth key objective)*

Recommendation 2 – That the Council website be updated to include more and clearer information about food growing opportunities, food growing information and links to voluntary sector organisations. *(First key objective)*

Recommendation 3 – That the Council actively promotes local food growing by providing information and encouragement by using:

- The Council's website
- Existing publications (Your Ward, Your City, Allotments Newsletter, Housing Tenants Newsletter)
- Providing a link on the Council website to an appropriate York based 'Green Portal' should this be established

In order to provide information to residents on food growing opportunities as well as to generally promote the food growing agenda within the city. *(Overall aim and fourth key objective)*

Recommendation 4 – That the Head of Parks & Open Spaces clarifies and co-ordinates the provision of information (internally & externally) in relation to food growing on City of York Council land. *(Second key objective)*

Recommendation 5 – That a register of mentors be set up through advertising in the Allotments News for mentors for schools, community groups and individuals. *(Fourth & fifth key objectives)*

Recommendation 6 – That City of York Council policies relating to green space management including amenity and communal housing areas should reflect a broad presumption in favour of it being suitable for food growing unless demonstrated otherwise e.g. potential harm to nature conservation or biodiversity, presence of utilities and services, sports use. *(Overall aim and second key objective)*

Recommendation 7 – That the Schools Forum be asked to continue funding the Advanced Skills Teacher post that supports the Sustainable Schools Strategy and that possible ways of strengthening the local food-growing element of the Sustainable Schools Strategy be looked at. *(Fifth key objective)*

Consultation

6. The following were consulted as part of this scrutiny review:

Relevant City of York Council officers
Representatives of Edible York
Representatives from the British Trust for Conservation Volunteers (BTCV)
Representative from St Nicholas Fields
Representative from Yorkshire Wildlife Trust

Archbishop's Advisor for the Environment (York Diocese)
Advanced Skills Teacher for Sustainable Schools

Options

7. Having considered the findings contained within the final report the Executive may choose to support or reject the implementation of the recommendations arising from the review.

Analysis

8. Members of the Edible York Ad Hoc Scrutiny Committee analysed all the information received as part of the review and this was used to inform their recommendations.
9. Due to a cross over in agenda publication dates the Executive agenda will be published before SMC meets to consider the final report. Any comments and amendments received from Members of SMC will be circulated as soon as possible before the Executive meeting on 12th April 2011.

Corporate Strategy 2009/2012

10. This topic is linked to the 'Sustainable City' aspect of the Corporate Strategy 2009/2012:

'We aim to be clean and green, reducing our impact on the environment whilst maintaining York's special qualities and enabling the city and its communities to grow and thrive.'

11. In addition to this the Council's Sustainability Officer has said that the work of the ad Hoc Scrutiny Committee supports the wider sustainability agenda and the Sustainable Community Strategy. Specifically it supports the Sustainable City chapter which aims to reduce York's ecological and carbon footprint and support local food growing initiatives. It also supports the city's climate change framework and action plan and can be seen as a great tool in starting people to take more sustainable action and raise awareness of wider sustainability issues.

Implications

12. **Recommendation 1** (*establishing a tool collection point*) – The Waste Management Officer has spoken with the Yorwaste site manager at Hazel Court who has indicated that there will be no financial implications associated with the recommendation. However it is unlikely that staff resources and space would be available to expand this to other Council household waste recycling sites within the city.
13. **Recommendation 2** (*website improvements*) - The Head of Parks and Open Spaces has indicated that this could be implemented within existing resources.

14. **Recommendation 3** (*promoting food growing*) - The Head of Parks and Open Spaces has indicated that this could be implemented within existing resources.
15. **Recommendation 4** (*provision of information*) - The Head of Parks and Open Spaces has indicated that this could be implemented within existing resources.
16. **Recommendation 5** (*Register of mentors*) - The Head of Parks and Open Spaces has indicated that this could be implemented within existing resources.
17. **Recommendation 6** (*policies relating to green space management*) - The Head of Highway Infrastructure had indicated that he was broadly in favour of cultivating public open spaces, however he did have some concerns surrounding potential planting on highway verges. Highway verges often contained 'hidden utilities and services' and may, as such, be unsuitable for cultivation. Liability for the public highway is non delegable and the Council must accept liability should a third party claim be made against them. In addition to this he suggested that a returnable bond be requested for any scheme to encourage both individuals and groups to return the land back to the Council in the condition they found it.
18. On consideration of these concerns the Committee did not feel a bond would be appropriate and would discourage both groups and individuals from using Council land for growing food. It could also be cost prohibitive to some.
19. In relation to the concerns regarding the public highway Members of the Committee were of the opinion that very few groups or individuals would chose to cultivate a plot of land directly adjacent to a busy road. However they may wish to use land at adjacent to the highway in quieter areas set back from the highway; e.g. Edible York's public bed on Peasholme Green. The Head of Highway Infrastructure had been consulted about this and was happy for the scheme to go ahead. This consultative approach will be followed in future.
20. The Head of Parks and Open Spaces would ensure that any licences issued for plots of land on the highway addressed the necessary highway safety requirements. This would include the legal requirement to wear fluorescent vests/jackets when working on projects on the highway.
21. **Recommendation 7** (*AST teacher*)

Financial - The funding for Advanced Skills Teachers (AST) forms part of the Dedicated Schools Grant (DSG). The Schools Forum reviews the allocation of this funding annually and the Forum has decided to allocate funding to continue the AST programme during 2011/12.

The deployment of ASTs is reviewed annually and aligned to school improvement priorities outlined in the School Improvement service plan. An AST role has been aligned to support our Sustainable Schools Strategy and action plan and this work will continue during 2011/12.

The AST for sustainable schools is currently funded to do outreach work as an AST for one day a week and this funding includes a payment to the school to

cover the differential between the substantive role as a teacher at a local primary school and the additional allowance as an AST. The AST role is primarily to support schools with developing their work on Education for Sustainable Development, particularly with regards to supporting the development of learning, teaching and the curriculum. The school also receives funding to cover the costs of supply cover for the outreach day. The total annual cost of the AST is estimated at £9,240 for 2011/12.

The overall level of the DSG is not yet known for 2012/13 and the Schools Forum will need to review the funding of AST roles, along with all other DSG priorities as part of the 2011/12 budget setting and local decision making process.

2. There are no known other (property, legal, equalities) implications associated with the recommendations arising from this review.

Risk Management

22. There are no direct risks associated with the recommendations arising from this review however there may be longer-term sustainability risks if the Council chooses not to support local food growing in a more positive way.

Recommendations

23. Executive are asked to consider the attached final report and associated recommendations and decide whether to support the recommendations arising from the review.

Reason: To address the concerns raised when this topic was originally suggested.

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Wards Affected:

All

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Background Papers:

None

Annexes

Final report A5 colour booklet (printed for Executive Members only) with the PDF version of the document being available on-line



Executive12th April 2011

Report of the Director of City Strategy

Covenant of Mayors SEAP submission and Sustainable Development Update**Summary**

1. The purpose of this report is to outline City of York's commitments to the EU Covenant of Mayors (CoM) campaign and seeks approval of the Sustainable Energy Action Plan, a core requirement of the CoM campaign. The report also provides a brief update on other sustainability work being carried across CYC / York.

Background

2. The City of York is committed to tackling climate change and to reducing city-wide carbon emissions. This commitment was formalised in 2008 through the Sustainable City Chapter of the Sustainable Community Strategy. This committed the city to the creation of a climate change strategy and to reduce York's carbon footprint.
3. The city is also committed to delivering 3 separate city-wide carbon reduction targets:
 1. a 20 per cent reduction in CO2 emissions by 2020 (Covenant of Mayors <http://www.eumayors.eu/>;
 2. a 40 per cent reduction in CO2 emissions by 2020 (Friends of the Earth 'Get Serious About CO2' Campaign www.foe.co.uk/community/campaigns/climate/get_serious_2018_7.html
 3. an 80 per cent reduction in greenhouse gas emissions by 2050 (UK Climate Change Act/ Climate Change Framework for York 2010-2015).

Specific targets**Achieving a 20% reduction in city – wide carbon emissions**

4. To further support the objective to tackle climate change locally, a full Council resolution was passed on 3rd December 2009

committing City of York to the CoM campaign, the agreement was formally signed on 5th January 2010.

5. Annex 1 provides an full account of the various CoM requirements that York must now meet.
6. A requirements as a signatory to the CoM campaign is to produce a Sustainable Energy Action Plan (SEAP) for York. This SEAP is required to set out how to deliver at least a 20% reduction in carbon dioxide (CO₂) emissions by 2020 (based on a 2005 baseline year).

Other targets – achieving a 40% reduction by 2020 and 80% reduction by 2050

7. In addition to this commitment to tackle climate change through the CoM commitment and the Sustainable Community Strategy, the City of York developed a consultation draft Climate Change Framework (CCF) and Climate Change Action Plan (CCAP). For the purpose of this report these two documents will be collectively abbreviated to CCFAP). These documents were approved by the Executive on 19th October 2010 and are available from www.york.gov.uk/environment/sustainability/climatechange/2framework/.
8. The Framework is the overarching ambition of York to accelerate actions to reduce carbon emissions across the city. It illustrates the actions already on-going across York and highlights the key areas the city needs to begin to drive forward in order to eventually reach the national Climate Change Act¹ (2008) 80% reduction in CO₂ emissions by 2050. The Framework is to be used by the organisations across the city, including the council and WoW (Without Walls) partnership, to focus and drive forward coordinated action to tackle climate change.
9. The Action Plan for York is a combination of specific action plans. The plans are broken into mitigation actions, actions that will reduce emissions from across York, and adaptation actions, action that will help the city to prepare and adapt to climate change. The Action Plan is the delivery mechanism to achieving the Framework and the 10 key areas it aims to tackle.
10. The full Council resolution of the 3rd December 2009, also included signing up to a far more ambitious national campaign - the Friends of Earth (FoE) 'Get Serious' campaign. This campaign requires local authorities to reduce citywide carbon emissions by 40% by 2020 (based on a 2005 baseline). This is an ambitious target beyond current national interim targets (as per the Climate Change Act 2008).

¹ The Climate Change Act 2008 is the UK's legally binding long-term framework to cut carbon emissions by 80% by 2050 and at least 34 percent by 2020 (1990 baseline). It also creates a framework for building the UK's ability to adapt to climate change.

11. The council had a well-advanced plan for meeting the CCFAP requirements that are in line with national policy, however, the decision by members to sign up to the CoM and the FoE 'Get Serious' campaign, made it necessary to re-evaluate the consultation draft CCFAP and to carry out further work to calculate how all three climate change commitments could be achieved in York (CoM, FoE and CCFAP).
12. The commissioning of a renewable energy viability study for the city had already been instigated, to determine the role local renewable energy can play in meeting the various climate targets and timescales (this study went to CYC's Executive on 1st March 2011 as an annex to the Core Strategy).
13. However, it was clear that the council also needed to commission detailed carbon modelling work to enable a better understanding of the measures that would be possible / practical / necessary to achieve the various targets and timescales.

Current Position

Meeting the CoM requirements

14. The carbon modelling study for York is now complete. As part of this study, a scenario was developed for the CoM carbon reduction target. This scenario looks at what measures York could install to achieve the 20% target by 2020. As part of the CoM requirements a Sustainable Energy Action Plan has been collated and is based on the results of the carbon modelling CoM scenario.
15. The scenario that has been developed to inform the SEAP is presented as the most plausible way of meeting York's carbon reduction commitments. It is based on the range of measures currently available to local authorities, the effectiveness of different options to reduce carbon emissions, and a robust analysis of what measures are feasible for York. The measures identified in this scenario will be subject to further review in light of ongoing and significant changes to national policy and the finance / implementation structures available to local authorities and other key partners. Further work will now be carried out across CYC and partners to look into detailed feasibility and suitability of the measures in York.
16. A draft SEAP complete with its Baseline Emission Inventory is attached as annex 2 part I and II. Please note that the actions within the SEAP only detail one potential scenario that will achieve the reduction target. Measures may change over time depending upon a wide range of circumstances.

17. Over the next few years York will need to undertake several research and feasibility projects to identify sites, partners and funding for:

- possible low carbon/zero carbon Combined Heat and Power (CHP) schemes across appropriate sites in York
- other low carbon / renewable schemes such as large-scale and medium scale wind generation
- citywide/ area based domestic energy efficiency and renewable energy installation programmes
- citywide roll out of replacement transport fuels such as electricity.
- A comprehensive list of potential measures needed to deliver a 20% reduction by 2020 is detailed below (* Some measures will occur through national policy but York will have to active to receive such savings).

Measure	CO ₂ savings	Kilo tonne per annum	Quantity deployed	Unit
Green grid	81.65	ktpa	NA	NA
Road transport efficiency improvements	54.22	ktpa	16.38	% improvement
Fuel reduction by behavioural change and technology mix (Non-Domestic)	36.6	ktpa	16.025	% improvement
Replace road transport fuels with biofuels	33.65	ktpa	26740	000's litres
Wind large	28.15	ktpa	36	MWe (Megawatts electrical)
Wind medium	28.12	ktpa	60	MWe (Megawatts electrical)
CHP biomass	23.93	ktpa	3.4	Mwe (Megawatts electrical)
Cavity wall insulation (Domestic)	21.66	ktpa	32896	Homes
Solid wall insulation (Domestic)	21.09	ktpa	8027	Homes
All other measures (additional 27)	87.65	ktpa	NA	NA
Total CO₂ savings in kilo tonnes* per annum (*1 kilo tonne = 1000 tonnes)	416.72	ktpa		

Renewable energy

18. It is clear from the modelling work, and the draft SEAP, that maximising the potential of renewable energy in York will be vital, as too will developing citywide programmes to increase the up-take in domestic and non-domestic energy efficiency measures (including lighting, solid wall insulation, loft insulation and boiler replacements), behavioural change, road transport fuel reduction, road transport efficiency, replacement road fuels (such as for example electricity).
19. Work is now underway within CYC's private housing team to look at detailed feasibility of some of the proposed work from the modelling. CYC's energy team are also investigating the potential of renewable energy generation across the council estate. Additional work, to be lead by the Sustainability Team, will also be carried out to begin detailed feasibility of renewable energy projects across the City (based on the Renewable Energy Strategic Viability Study for York and the draft Core Strategy).
20. To ensure a coordinated approach to renewable energy / low carbon energy generation across CYC and the city annex 3 details a proposed approach and management structure that could be introduced to strategically manage and coordinate renewable energy / low carbon energy generation across CYC and the city. This structure utilises the existing Sustainable Development Board of CYC and creates a fourth stream of work for this Board to manage. It is proposed that this fourth stream be a task and finish group, anticipated to operate for at least 2 years (or until no new projects are possible).

Achieving the Climate Change Framework and other climate change targets

21. The carbon modelling work has also been used in CCFAP. The consultation drafts approved in 2010 have now been revised to include a priority list of future actions and interventions that could enable York to meet its climate CCFAP commitments and targets (see paragraphs 7 and 10). A summary of the modelling work was presented to the Sustainability Board in January 2011 – copies are available on request from the Sustainability Officer. Achieveing the 40% target requires a greater level of deployment beyond paragraph 17.

Update on other sustainability issues

22. Annex 4 provides an update on both CYC and city wide work to support the city's climate change commitments. It includes an update on CYC's carbon management programme, 10:10 campaign and also summarises newly funded projects.

23. On 7th March 2011, York was nominated for a national Climate Week Award www.climateweek.com/awards/ for the York Green Neighborhood Challenge <http://greenchallenge.climatetalk.org.uk/>. York was one of 4 initiatives short listed for the category of best local initiative - *Recognising effective initiatives to help combat climate change by local government and regional bodies.*

Consultation

24. The development of the SEAP has been developed from the consultation work on the CCFAP. This involved officers from across the council. These include teams from Forward Planning, Transport Planning, Design, Conservation and Sustainable Development, Waste, Environmental Protection, Housing, Procurement, Civil Engineering, Emergency Planning and Engineering Consultancy. Wider development of both plan also included key partners from Energy Saving Trust advice centre, Energy Partnership, North Yorkshire Green Business Club, Natural England, Environment Agency, Friends of St Nicolas Fields, Environment Forum and SEI and Higher York.
25. Presentations on the results of the modelling work have also been carried out to senior, relevant officers and managers in CYC and to the Environment Partnership Board.

Options

26. There are two options at this stage for managing climate change across York:
- Option A – agree the proposed SEAP
 - Option B – not to agree the draft SEAP and potentially fail some of the core requirements of the EU CoM. Without such a SEAP, it will be difficult for York to show how it will meet the requirements of the CoM and reduce its CO₂ emissions by 20% by 2020.

Analysis

27. Option A will help to ensure that a coordinated approach is taken across York to achieving the 20 per cent carbon reduction targets by 2020.
28. Option B is very likely to result in CYC not meeting all the requirements of CoM and it would be unclear how the city will monitor progress towards meeting the 20 per cent carbon reduction targets by 2020.

Corporate Priorities

- Addressing climate change is a key component to delivering on CYC's corporate ambition of delivering a sustainable city – *“We aim to be clean and green, reducing our impact on the environment while maintaining York's special qualities and enabling the city and its communities to grow and thrive”*

The SEAP, CCF and CCAP will also contribute towards the following city priorities:

- ‘Without Walls’ – the Sustainable Community Strategy which provides the sustainable framework for York;
- ‘Without Walls’ – Sustainable Community Strategy: Sustainable City Chapter - including: *“To lead the implementation of City of York Climate Change Strategy, emphasising the need for everyone to reduce their impact on the local and global environment and to measure their carbon and ecological footprint”*.

Implications

29. **Financial** – All actions detailed in the CCFAP are financed through existing CYC and existing partners budgets. (* Some transport related actions are subject to review by the Collation Government). However, all non CCFAP action in the SEAP require detailed financial viability assessments and will need CYC and partners to develop funding packages to enable any of these measures to be carried out. It is likely that national and European money will also need to be utilised to carry out the measures. In this case feasibility and viability will be investigated through the Climate Change Action Plan and financial implications identified through this process. It is likely that such large-scale programmes will need approval from council and WoW and future reports will be drafted to secure approval.
30. **Human Resources:** - The CCFAP is drafted on the basis of existing staff resources (*These are subject to CYC Organisation Review and other government cuts for partners). Additional SEAP projects will have resource issues. Until detailed feasibility is carried out it is not possible to understand what resource issues will arise.
31. **Equalities, Legal, Crime and Disorder:** A EIA has been drafted to accompany the CCFAP.
32. **Property and IT** – some actions require projects on the CYC estate. To continue to use the Carbon Descent Vantage Point software post 2011 there is an annual licence fee.
33. **Risk Management**

Potential risks include:

34. Failure by the council and WoW partners to deliver actions as per the SEAP and Climate Change Action Plan. This would result in the City of York failing to meet the carbon reduction targets of the CCFAP, the EU Covenants of Mayors and the Friends of Earth 'Get Serious' campaign.
35. Failure of the council and WoW partners to take a coordinated approach and actions to adapt to a changing climate. Failure to act may result in social, economic and environmental damage and disruptions across York's communities, businesses and transport networks.
36. Lack of sufficient co-ordination of the SEAP and CCFAP citywide actions in addition to the council's other sustainability priorities. The capacity to assist delivery of city-wide programmes of action is currently limited and the proposed SEAP, in addition to existing CCFAP priorities leads to additional capacity issues for the existing sustainability team. This leaves a real possibility that the council and WoW partners will fail to deliver the actions necessary to meet the carbon reduction targets of the CCFAP and CoM.
37. To monitor the above risks the following risk management process are in place:
 - a. The Sustainable Development Board of CYC and the Climate Change Subgroup and Environment Partnership Board will oversee the delivery of the SEAP and CCFAP (lead by the Sustainability Officer of CYC).
 - b. A new stream to deliver renewable energy across York is proposed to ensure renewable energy generation plays a large part in meeting the CCFAP and SEAP targets.
 - c. A monitoring strategy is also in place (delivered by the Sustainability Officer of CYC).
 - d. Regular updates and progress reports will be issued to WoW and CYC Executive to advise progress against the targets and assess whether adequate resources are in place to maintain the necessary progress
 - e. Re-prioritisation of the Sustainability Team's CYC and citywide work priorities will also be carried out as part of Service Review.

Recommendations

38. Executive are asked to approve the proposed SEAP.
39. Reason: To enable the City of York to submit this to the EU CoM team.

40. Executive are asked to note the significant actions required to deliver a 20% reduction in city-wide CO₂ emissions by 2020.
41. Reason: To understand the scale of action required in order to achieve a 20% reduction in CO₂ emissions.
42. Executive are asked to approve the proposed revisions to the Sustainable Development Board and the formation of a renewable energy generation task and finish group.
43. Reason: To ensure that CYC can take an enhanced leadership role installing and promoting renewable energy internally and across the city.
44. Executive are asked to note the risks of delivering the SEAP, specifically the risk of delivering such challenging city-wide targets that rely on limited existing staff and partnership working to achieve them.
45. Reason: To highlight the ambition and challenge ahead in meeting the SEAP and CCFAP where coordination of action and delivery of projects is on a city wide scale.

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Wards Affected: All

Report Approved **Date**

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Background Papers

Report to and minutes of CYC Executive 19th October 2010

Annex:

Annex 1 – CoM summary

Annex 2 I – draft SEAP

Annex 2 II – SEAP and BEI

Annex 3 – Structure for proposed SD board / Renewable Energy task and finish group

Annex 4 – SD update



Annex 1 - The European Covenants of Mayors

What is the Covenant of Mayors?

The Covenant of Mayors is the first and most ambitious European Commission initiative targeting directly the local authorities and their citizens to take the lead in the fight against the global warming.

All Covenant of Mayors signatories make a voluntary and unilateral commitment to go beyond EU objectives in terms of reduction in CO₂ emissions.

What commitments do the Covenant signatories have to fulfil?

Covenant signatories aim to reduce their CO₂ emissions by more than 20% by 2020 through energy efficiency and renewable energy actions. To reach this objective, local authorities commit to:

- Prepare a **Baseline Emission Inventory**,
- Submit a **Sustainable Energy Action Plan (SEAP)**, approved by the municipal council within the year following their official adhesion to the Covenant of Mayors initiative, and outlining the measures and policies they will implement to achieve their targets;
- Publish regularly - every 2 years after submission of their SEAP - **implementation reports** stating the degree of implementation of the programme and the interim results;
- Promote their activities and involve their citizens / stakeholders, including the organisation of **Local Energy Days**;
- Spread the message of the Covenant of Mayors, in particular by encouraging other local authorities to join and by contributing to the major events (i.e. annual Covenant of Mayors ceremonies and thematic workshops).

Baseline Emission Inventory

What is a Baseline Emission Inventory?

The Baseline Emission Inventory quantifies the amount of CO₂ emitted due to energy consumption in the territory of the Covenant signatory. It allows to identify the principal sources of CO₂ emissions and their respective reduction potentials.

What is the scope of the Baseline Emission Inventory?

The Baseline Emission Inventory should essentially be based on the **final energy consumption data**, i.e. what is consumed by the final end-users (incl. electricity, heat/cold and fuel) within the boundaries of the local authority.

Sustainable Energy Action Plan (SEAP)

What is a SEAP?

A Sustainable Energy Action Plan is the key document that shows how the Covenant signatory will reach its CO₂ reduction target by 2020. It defines the activities and



measures set up to achieve the targets, together with time frames and assigned responsibilities.

Covenant signatories can choose the format of their Sustainable Energy Action Plan (especially if they have already done an action plan in the past). However, they need to make sure that their action plan is in line with the general principles after-specified and detailed in both the [SEAP template instructions](#) & the SEAP guidelines available in our [library](#).

What is the scope of the SEAP?

The Covenant of Mayors concerns **the action at local level within the competence of the local authorities involved**. Hence, it is expected that the Covenant signatories will take action in several or all their possible roles:

- **Consumer and model:** All local authorities are responsible for their own energy consumption. At the same time they play an exemplary role by encouraging the citizens and other stakeholders to use energy more efficiently.
- **Planner, developer and regulator:** All local authorities are usually responsible for building, transport and land use planning policies. They have the power to optimize the energy performance of new facilities and to integrate traffic prevention strategies in development planning. They shape traffic/energy performance by legal decisions and regulatory instruments.
- **Producer and supplier:** Local authorities may also act as a local utility or service provider – promoting local energy production and using renewable energy sources (e.g. Combined Heat and Power/CHPs, district heating systems etc.).
- **Advisor and motivator:** Awareness-raising activities are important to engage the whole community to support sustainable energy policies. Local authorities can act as advisor and educator for citizens and other stakeholders (e.g. architects, planners or craftsmen).

Which sectors/fields of action are considered in the SEAP?

Since the Covenant's commitments concern the whole geographical area of the local authority, the SEAP should include actions concerning both the public and private sectors.

Covenant signatories are free to choose their key areas of action. In principle, it is anticipated that most SEAPs will cover the sectors that are taken into account within the inventory:

- buildings (including new buildings and major refurbishment),
- municipal infrastructure (incl. district heating and public lighting),
- urban transport and mobility,
- industry and enterprises.

It should also be based on those areas where the local authority has a specific role to play, such as:

- Land use planning (Local Authority as planner),



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Public procurement of energy efficient products and services (LA as consumer and model),

- Working with the citizens and stakeholders (LA as advisor and motivator).

When to submit the SEAP?

Within one year after the signature of the Covenant of Mayors, the signatory cities shall submit their Sustainable Energy Action Plan where the Covenant objectives and measures to reach them will be justified. The SEAP has to be formally approved by the City Council (or equivalent decision-making body). (CYC gained an extension to submit their SEAP by June 2011. The original submission date was January 2011)

Implementation report

What is an implementation report?

Two years after having submitted a Sustainable Energy Action Plan, the Covenant signatories have to report on its implementation. This report aims to check the compliance of the interim results with the foreseen objectives. The procedure will be facilitated by an online monitoring template, closely linked to the SEAP template. It will show at a glance the results achieved, both in terms of measures implemented and reduction achieved in CO₂ emissions.

Local Energy Days

What is a Local energy day?

An Energy Day is a local event that aims to raise public awareness of issues such as energy efficiency, use of renewable energy sources and the links between energy and climate change. Usually organised for a specified period, the types of events may vary, but normally include activities such as workshops, exhibitions, guided visits and open door days.

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A Sustainable Energy Action Plan for York



2011 - 2020
(Draft)



Content page

Contents	Page
1.Executive Summary	3
2.Introduction (including current actions)	4
3.Overall Strategy	8
Vision	8
Objectives	9
Organisational and financial aspects	10
Staff capacity	11
Stakeholder and citizen engagement	12
Budget and funding streams	13
4.Baseline Emission Inventory	22
5.Planned actions and measures	24
6. Conclusion	27



1. Executive Summary

In December 2009, the City of York Council signed the Covenant of Mayors, a European initiative to reduce carbon emissions across European cities. Signatories formally commit to go beyond the objectives of European Union's energy policy in terms of reduction in carbon dioxide (CO₂) emissions through enhanced energy efficiency and cleaner energy production and use.

Signatories also commit to the implementation of a Sustainable Energy Action Plan. The Sustainable Energy Action Plan is a key document that shows how a local authority will meet its carbon reduction target by 2020.

This Sustainable Energy Action Plan focuses on areas that the local authority and partners can influence and focuses on:

1. reducing energy consumption in domestic buildings and non domestic buildings
2. sustainable transport
3. local renewable energy generation
4. sustainable land use planning
5. working with citizens

In addition to this sustainable energy action plan, York has an existing Climate Change Framework (approved in October 2010) which is an overarching document that will enable York to accelerate actions to reduce carbon emissions across the city. It demonstrates the actions already on-going across the city and highlights the key areas that York needs to drive forward in order to eventually reach an 80 per cent reduction in carbon dioxide emissions by 2050.

Accompanying the Climate Change Framework is the Climate Change Action Plan for York (approved in October 2010). This action plan, is to be used by organisations across York to focus and drive coordinated action to tackle climate change.

This Sustainable Energy Action Plan for York supports the existing climate change framework and action plan and also illustrates York's commitment to the European Union's Covenant of Majors campaign by:

- committing the city to reducing carbon dioxide emission by at least 20 per cent by 2020 (based on a 2005 baseline)
- committing the city to make full use of the potential for low carbon, renewable, localised sources of energy generation across York
- highlighting the work ongoing across the city to tackle climate change
- setting out a prioritised list of actions that could achieve at least a 20 per cent reduction in carbon dioxide emissions by 2020.



2. Introduction

The city of York is committed to tackling climate change locally.

The Intergovernmental Panel on Climate Change (IPCC) the world's most authoritative body on climate change concluded that the amounts of the major greenhouse gases (carbon dioxide, methane and nitrous oxide) have all increased significantly since pre-industrial times because of human activities. Such changes will have significant global and local impacts on human society, and on the built and natural environment, with increases in temperatures, drought, extreme rainfall and greater risks of abrupt changes in climate.

We have started to see the adverse effects of a changing climate. Over recent years the UK has seen significant flood events, in York in 2000, Boscastle in 2004, in Carlisle in 2005, and widespread across South Yorkshire, Humberside and Gloucestershire in the summer of 2007. These events tragically resulted in some loss of life and caused extensive flood-related damage to homes, businesses, industry and transport networks.

In 2008 the City of York Council and its local strategic partnership – the Without Walls Partnership (a group of organisations striving to improve quality of life for people in the city and known officially as the Local Strategic Partnership) committed to tackling climate change locally. Over a two-year period a coordinated approach to managing climate change was developed. In 2009 the City of York Council also signed York up to the Covenant of Mayors, a European initiative to reduce carbon emissions across European cities.

Under this scheme, signatories formally commit to go beyond the objectives of European Union's energy policy in terms of reduction in carbon dioxide (CO₂) emissions through enhanced energy efficiency and cleaner energy production and use.

Signatories also commit to the implementation of a Sustainable Energy Action Plan. The Sustainable Energy Action Plan is a key document that shows how York will meet its carbon reduction target by 2020.

Signatories of the Covenant of Mayors formally commit to at least a 20 per cent reduction in carbon dioxide emissions based on a 1990 baseline. City of York Council, along with many other local authorities in the North East and Leeds City Council, has committed to at least a 20 per cent reduction in carbon dioxide emissions against a 2005 baseline. This is due to a lack of carbon dioxide data collected in 1990.



Current Action

The City of York is already taking action to tackle climate change locally. The list below is just an example of some of the work ongoing across the city to reduce York's carbon dioxide emissions. For full details please see the Climate Change Framework and Action Plan

(<http://www.york.gov.uk/environment/sustainability/climatechange/2framework/>)

Energy Efficiency in domestic buildings

- From April 2009 to March 2010 the City of York Council in partnership with the Energy Saving Trust advice centre for York, North Yorkshire and Humber provided verbal energy saving advice to over 6977 residents of York. 1533 residents also completed an Energy Saving Trust Home Energy Check and received a free personalised report on saving energy in their home.
- A variety of grants are also available to residents in York through the Energy Saving Trust advice centre for York, North Yorkshire and Humber and the Energy Partnership. So far from March 2010 to February 2011 190 energy efficiency grants were offered to residents across York to improve energy efficiency in homes. A further 424 households benefited from cavity and loft insulation installations through York's Area Based scheme currently operating in the Hull ward and Fishergate wards.
- The Council's housing stock is being refurbished to a new high standard known as the Decent Homes Standard, which, through schemes such as loft insulation, replacement boilers and rendering programmes, will save over 3000 tonnes of carbon dioxide.
- All new homes in York are designed and built to high environmental standards through the planning process and the City of York Council's Interim Planning Statement: Sustainable Design and Construction (2007).
- City of York Council, University of York and the Joseph Rowntree Housing Association are leading the way in building energy efficient homes. For example, planning permission was granted in October 2010 for the development of 19 new council houses that will be built to high standards including biomass boilers to heat the home from a carbon neutral source, photovoltaic panels to generate electricity from the sun and high levels of insulation to keep the homes warm in the winter.
- The Council and the Energy Partnership have just completed a project known as Hotspots. This project aimed to tackle fuel poverty and to reduce energy consumption in certain homes across York. 232 residents benefited from this project and received energy efficiency advice regarding how to reduce their fuel bills and improve their homes energy efficiency. Such a project through the energy efficiency advice given and the installed measures has the potential lifetime saving of 2,157.8 tonnes of carbon dioxide across the city (Source: York Hotspots 2011).



Energy Efficiency in non-domestic buildings

- The Council is leading the way with high environmental standards for its new buildings. For example, the EcoDepot at Hazel Court has a wind turbine and roof mounted solar hot water panels. The new Headquarters for the Council is also designed to excellent sustainable standards.
- The Council set a 25 per cent reduction in carbon dioxide emissions by 2013 from across its estate and transport fleet. A carbon management programme is in place to reach this target and an estimated 5000 tonnes of carbon savings will be made. Other organisations from across the city are doing the same such as University of York who have pledged to reduce CO₂ emissions by 20 per cent across their Heslington West and East campuses.
- The Council is committed to the national carbon reduction initiative 10:10. The Council has committed to a 10 per cent reduction in carbon dioxide emissions across its buildings and fleet from March 2010 – March 2011. It has also been encouraging the city's residents, schools and organisation to do the same in 2010.
- The Council also has a Sustainable Schools Corporate Strategy that will help schools to reduce their carbon footprint and embed sustainability into the heart of the school's operations and curriculum.

Renewable Energy

- The Council has undertaken a Renewable Energy Strategic Viability Study for York. This will assist York to create suitable, and viable renewable energy / low carbon technology projects across the city. It will also help to create planning policy and guidance to maximise opportunities for appropriate renewable / low carbon technology development.
- The Council is leading by example and has set itself high sustainable and renewable energy targets to be generated onsite for new schools and buildings it constructs and operates. For example the EcoBusiness Centre is heated using ground-source heating and other sites such as Joseph Rowntree School and the Deangate Skills Centre heat their buildings from biomass sources.
- The city has a number of other installations already. One partner leading the way is St Nicholas Field Environment Centre who have a wind turbine. The University of York are also committed to installing renewable energy as part of their Heslington East Campus, as too are some of the big development sites such as Terry's and Nestle South.
- The University of York, in collaboration with other White Rose Universities, has created The Centre for Low Carbon Futures, a new research centre focusing on research, development and demonstration (RD&D) of low carbon innovations. Various projects are ongoing including biofuel projects (see below) and also technologies to capture carbon and store it to prevent it entering the atmosphere.



- Science City York is also leading in the innovation side of renewable energy in the city and has successfully secured two million pounds of direct investment into two nationally significant bio-demonstration projects being undertaken by the University of York and FERA (Food and Environment Agency).

Recycling and waste minimisation

- The Council have achieved 43.26 per cent recycling/composting rate for household waste in 2009/10.
- The Council has achieved average municipal waste recycling and composting rate of 68.09 per cent at the Household Waste Recycling Centres in 2009/10.
- The Council has reduced residual household waste collected per household from 629kg in 2008-9 to 614kg in 2009-10. This represents a 2.38 per cent reduction.
- The Council is developing a waste management strategy on the concept of zero waste.

Transport

- York had a five-year Local Transport Plan(2006-2011) which the council produced in 2006 to tackle congestion and improve accessibility, road safety, and air quality for the city. It also contains schemes that address issues such as the development of an integrated transport network; encouragement of modal shifts away from the use of private car to sustainable transport modes such as public transport; walking and cycling. A new plan is being developed and will be available from 2011.
- York is a ' Cycling City ' and has implemented a major programme to encourage more cycling across the city.
- Five million pound bid is being made to central government's Sustainable Transport Fund to support future sustainable transport programmes.

Communities and residents

- The Environment Partnership has run a 15-month Green Neighbourhood Challenge, funded by the Without Walls Partnership's Local Authority Delivery Fund and managed by the Stockholm Environment Institute. This campaign worked with just under 100 residents to reduce their carbon footprint. Advice, guidance and financial rewards were offered to participants for a six-month period to support them to cut their carbon emissions by 10 per cent. The challenge has led to a reduction in carbon emissions and is now going to be replicated in other parts of the city. The initiative was also short listed for a national climate week award in March 2011. The results will be announced on 21st march.



For more details on current actions to tackle climate change in York, please see the full Climate Change Framework (2010-2015) which can be downloaded from the City of York Council website:

www.york.gov.uk/environment/sustainability/climatechange/ or copies can be requested from the council

The Climate Change Framework (2010 – 2015) and Climate Change Action Plan (2010 – 2013)

In addition to these programmes, and to ensure the city takes a coordinated approach to tackle climate change, between 2008 – 2010, a Climate Change Framework and Climate Change Action Plan has been developed by the City of York Council and the Without Walls Partnership.

The Climate Change Framework demonstrates the actions already on-going across the city. It also highlights the longer-term direction, and key areas the city needs to address, initially up to 2015, but this will be reviewed and refined every five years up until 2050.

The Climate Change Framework is to be used by organisations across York to focus and develop coordinated climate change action that residents, businesses, and statutory organisations, like the City of York Council and partners, can use to play their part in tackling climate change.

The Climate Change Action Plan for York sets out actions that will meet the Framework's overarching ambitions and objectives.

The Climate Change Action Plan for York is a combination of two specific action plans. The plans are broken into mitigation, actions that will reduce emissions from across York, and adaptation, actions that will help York to better prepare and adapt to the predicted changes in climate.

For more details, please see the full Climate Change Framework (2010-2015) which can be downloaded from the City of York Council website:

www.york.gov.uk/environment/sustainability/climatechange/ or copies can be requested from the council

3. Overall SEAP Strategy

For the purpose of this Sustainable Energy Action Plan, and for consistency in managing a coherent climate change campaign across York, the following vision is taken from York's Climate Change Framework (2010- 2015)

Overall Vision



To reduce greenhouse gas emissions across York and better prepare and adapt York's communities and businesses for the likely impacts associated with climate change.

In addition to the city's Climate Change Framework, this Covenant of Majors Sustainable Energy Action Plan will:

Headline Objectives

- reduce York's carbon dioxide emissions in line with the Covenant of Majors targets
- coordinate carbon dioxide and other greenhouse gas emission reduction initiatives across York
- make full use of the potential for low carbon, renewable, localised sources of energy generation across York
- raise awareness and understanding of climate change throughout the Without Walls Partnership, City of York Council, and within communities, businesses and organisations across York
- contribute to the city's Sustainable Community Strategy and the creation of a sustainable, environmentally friendly city

Headline targets

Reduce York's carbon dioxide emissions by at least 20 per cent by 2020 (based on a 2005 baseline)

Long term commitments

In addition to this Sustainable Energy Action Plan, the Climate Change Framework and Action Plan for York also commits the city to more ambitious targets by 2020 and 2050:

Reduce carbon dioxide emissions by 40 per cent by 2020 (based on a 2005 baseline) and 80 per cent by 2050 (based on a 1990 baseline).

This long term strategy also:

- commits the city to making fuller use of the potential for low carbon, renewable, localised sources of energy generation across York
- commits the city to better prepare and adapt York's communities and businesses for the likely impacts associated to a changing climate
- highlights the key work ongoing across the city to tackle climate change
- highlights 10 key areas for York to focus future work on. These areas will create in York:



1. sustainable homes
2. sustainable buildings
3. sustainable energy
4. sustainable waste management systems
5. sustainable transport systems
6. sustainable low carbon economy
7. low carbon lifestyles
8. sustainable planning, agriculture and land use
9. sustainable Without Walls Partnership
10. a prepared, resilient York, ready for the predicted changes in the city's future climate

Organisation and financial aspects

The overall approach for tackling climate change in York is coordinated through the Climate Change Framework and Action Plan for York, which was developed, jointly by the City of York Council and the Without Walls Partnership. This includes representatives from a wide range of private, public and third sector organisations.

The Without Walls Partnership have committed to tackling climate change as part of York's Sustainable Community Strategy, a strategy that will improve the quality of life for everyone in the city over the next 20 years.

The Environment Partnership (a partnership within the Without Walls Partnership) is ultimately responsible for the delivery of the Climate Change Framework and Action Plan ((2010-2015). As these documents are of strategic importance to the city, their development and implementation is also governed by the Without Walls Partnership Board and also through the City of York Council's Executive.

Initially, the Climate Change Framework will be reviewed and refreshed every five years. The accompanying action plan will be reviewed every three years. Monitoring of the action plan will occur annually through the Environment Partnership and a publicly available progress report will be published every two years.

In line with the Covenant of Mayors Sustainable Energy Action Plan guidelines, every two years a progress report on the Sustainable Energy Action Plan's will be publicly available from the City of York Council's website. The organisational structure for the managing of both the Sustainable Energy Action Plan's progress and the Climate Change Framework and Action Plan is illustrated below:

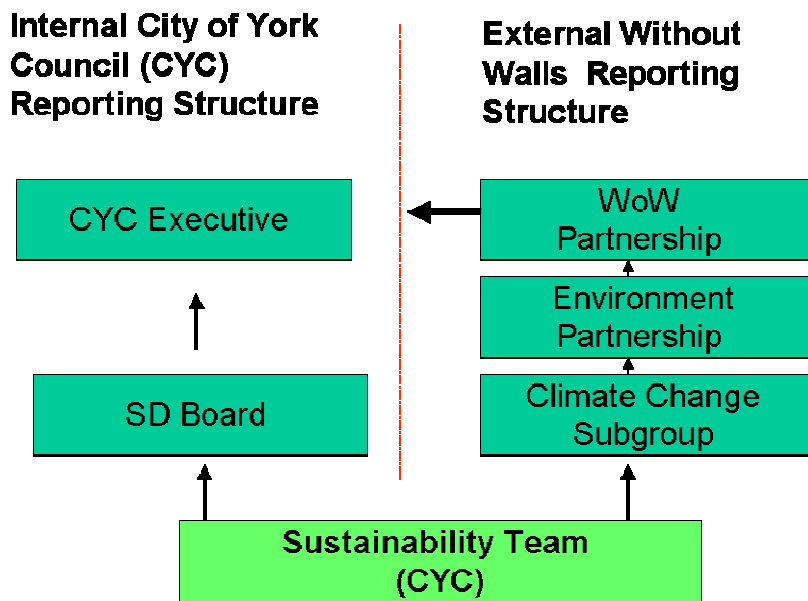


Figure 1. Governance of the CCFAP and SEAP

In addition to this City of York Council also has an internal Sustainable Development Board to enable sustainable development and climate change to be embedded across the council’s services and operations. This Board meets every 2 months and will be provided with regular updates on the Sustainable Energy Action Plan and other climate change commitments.

Staff capacity allocated

City of York Council has two full time Sustainability Officers based in the City Strategy directorate of the authority. This team is responsible for the strategic delivery of the Climate Change Framework and Action Plan, this Sustainable Energy Action Plan and programmes such as the Council’s Carbon Management Programme, and for embedding sustainable development across all areas of the Council’s operations and across the city.

The task of managing climate change in York poses a significant challenge for the council and the sustainability officer has to draw on staff resources across the council and wider. The Council has been reviewing its services, particularly since the general election and the comprehensive spending review in October



2010. By May 2011, a restructured sustainability team will be in place to better respond to the council's and the city's sustainability agenda including Covenant of Mayors, but there is still a period of transition to come.

A list of council teams and partners currently delivering strategies and programmes that directly support the Climate Change Framework and Action Plan and this Sustainable Energy Action Plan are detailed below.

Associated CYC teams

Team/ Service	Area of delivery
Transport Planning	Sustainable transport projects such as walking and cycling initiatives and also development of the Local Transport Plan 3
Housing	Housing Strategy
Waste	Waste Minimisation Strategy
Forward Planning	Local Development Framework

Figure 2 Council Services responsible for delivering the CCFAP/ SEAP

Key external delivery partners from across York:

Without Walls Partnership
 Higher York
 Science City York
 Sustainability4Yorkshire
 University of York
 Edible York
 York in Transition
 Stockholm Environment Institute
 Friends of St Nicholas Field
 CO2 Sense
 York Environment Forum

Figure 3 External partners responsible for delivering the CCFAP/ SEAP

Involvement of stakeholders and citizens

As detailed above the majority of action to coordinate climate change actions across the city is through the Climate Change Framework and Action Plan. Various partners developed these documents over a two-year period across the city, and including members of the Without Walls Partnership, and internal services across the council. These internal and external partners that have helped to develop the these city plans are detailed above in figures 2 and 3



The Climate Change Framework and Action Plan were also developed through citywide public consultation. During the months of June to September 2010, a consultation questionnaire was used to enable residents and local organisations / businesses to input into their development. Public events, focus group meetings, presentation, ward committees/events and marketing were carried out to maximise coverage of the consultation.

Based on the consultation some additional areas of the plans were strengthened including the following areas – local food, sustainable schools, sustainable transport and better general awareness and behavioural change campaigns.

These additional aspects of the consultation were added into the finalised Climate Change Framework and Action Plan.

Like the approved Climate Change Framework and Action Plan this Sustainable Energy Action Plan reflects the areas to tackle that were highlighted as important in the consultation of the Climate Change Framework and Action Plan. This Sustainable Energy Action Plan focuses on 5 main areas that the local authority and partners can influence and focuses on:

1. reducing energy consumption in domestic buildings and non domestic buildings
2. Sustainable transport
3. Local renewable energy generation
4. Sustainable land use planning
5. Working with citizens

Budget

It is necessary to work with partners in order to secure the delivery of this Sustainable Energy Action Plan .

The Council currently has budgets to deliver sustainable transport programmes, local transport plans, energy efficiency improvements in social and private housing and waste minimisation programmes, through a variety of recycling, reuse and waste minimisation schemes.

Currently in 2010 - 2011 approximately £12.2 million (approximately £4 million in capital budgets and £8.2 million in revenue) will be spent on sustainable transport programmes.

The Council has also funded a sustainable street lighting improvement plan (£200,000) (and a further £200,000pa 2011/12 – 2015/16) and has funded energy efficiency programmes and area based energy efficiency programmes (In 2009/2010 over £250,000 was spent on private housing energy efficiency



grants and £334,000 in grants from March 2010 – February 2011). Recently the Council's 2011/2012 approved capital budget included £100,000 for renewable energy generation projects on the Council's estate (£500,000 in total from 2011/12 – 2015/16).

The Council has also invested significant resources from its own budget to implement carbon reduction measures in its own estate and operations. These measures are defined in detail in the Council's Carbon Management Plan. There is also £250,000 of funds allocated which has been matched funded through the Carbon Trust sponsored Salix Fund. In total this creates a rolling investment fund of up to £500,000 that will fund specific measures identified in the approved Carbon Management Plan.

However to maximize funding, the Council is also part of a variety of regional funded projects. These include:

RIEP – Regional Improvement and Efficiency Partnership Funded programmes

- **Climate for Change Community and Voluntary Sector programme** - A series of workshops for the CVS were held in York and North Yorkshire on low carbon practices and operations (total £12,000).
- **Climate Change Risk Assessments for York and North Yorkshire.** A sub-regional programme including two part-time project officers worked for a total of 6 months to (1) undertake a comprehensive risk assessment for climate change adaptation work in partnership across Councils in York & North Yorkshire and (2) disseminate the results of this work both within the Y&NY Authorities and their partners, to create an individual council adaptation action plan to continue the adaptation work post March 2011 (total £15,000). A report for York is being finalised and will be used to update CYC risk registers.
- **The Environmental Business Support Programme.** A regional programme designed to help local businesses tackle climate change and save money through resource efficiency tools, on-line portal / website and up - skilled local authority officers.
- **Climate Change Skills Fund.** In the Yorkshire and Humber Region we have been given £860,000 by CLG to deliver climate change programmes in 2011. The main thrust of the programme is around supporting the role that Planning can play in delivering climate change mitigation and adaptation work. An initial set of project areas have been drawn up. The key areas of work are:
 - **Leadership and Skills** - covering elected members and planning officers and related professions (accredited training).
 - **Planning Policy** - work area to focus on policy development, e.g. further streamlining of permitted development rights, supporting local



councils to deliver their planning policy targets (e.g. % of renewables in new developments), improve transparency of decision making and reducing appeals.

- **Best Practice Hub** - focus on built environment best practice mitigation / adaptation work and learning.
- **Citizen Engagement** - working with Energy Savings Trust to support householders in realising the benefits of renewables, how to get them installed, and being well adapted to a changing climate.
- **Historical Assets** - Improving planning policy to improve energy efficiency and renewable energy generation in historical / listed buildings and conservation areas.

To date, the City of York Council is leading on the Citizen Engagement fund for York and North Yorkshire, and in partnership with the SEI and Sustainability4Yorkshire, were successful in securing £70,000 to achieve the following :

- Based on a successful pilot in York, and utilising the expertise of Sustainability4Yorkshire, a North Yorkshire Green Neighbourhood challenge will work with 7 community groups across the region (including a community in York). The challenge will involve 7 teams in North Yorkshire competing to reduce their carbon footprint for financial rewards that can then be used by the group to carry on further work in this area or to look at wider community improvement projects. The project aims to achieve a measurable reduction in household carbon emissions, raise public awareness of low carbon lifestyles and foster community cohesion.

Leeds City Region – Low Carbon Framework

This programme is a £3 million (over 10 pilot areas) programme and includes five key projects:

- **Low Carbon Economic Analysis** – Mini-Stern report looking at the costs and economic opportunities of policy responses to climate change.
- **Low Carbon Innovation** – Linking with the Leeds City Region Innovation Programme – open innovation events leading to the development of an innovation competition for low carbon technologies.
- **Domestic Energy & Efficiency Programme (DEEP)** – Includes the delivery of a DEEP pilot area and cost benefit analysis.
- **Commercial Property** – A feasibility study looking at a potential revolving loan fund to incentives energy efficiency retrofit on commercial properties.
- **Renewable Energy Strategies** – Piloting local renewable energy strategies in two of the Urban Eco Settlement locations, including the



production of local investment prospectuses that to facilitate discussions with communities and business.

The Council is piloting some of this work via the Domestic Energy & Efficiency Programme (DEEP) and Renewable Energy Strategies strands of this programme. At the British Sugar Urban Eco Settlement site detailed feasibility of CHP/districting heating schemes and integrated renewable energy technologies will be undertaken. This work will also produce a local investment prospectus that will facilitate discussions with communities and business.

However in order to deliver at least a 20 per cent reduction in carbon emissions more funding is likely to be needed.

Additional cost to deliver the target by 2020

Where available, some initial capital costs for achieving at least a 20 per cent target are summarised in the table below.

The costs included are the initial indicative costs generated by the Vantage Point software (see section 7 for more details). Council officers and partners are working closely to explore more detailed costs and options to drive down these costs and develop robust financial models in order to fund the priority measures that will contribute to reducing our emissions by 2020. This work is ongoing.

The indicative costs identified below in table 1 will not fall solely on the Council or partners to secure. These are estimates based on the best available information through the Vantage Point model of the total costs of implementing these measures. It is likely that they will need to be met by the public and private sector as appropriate.

Measure	Units (£'000)	2005-2020
CHP biomass	£k	19635
CHP large Gas	£k	8755.52
CHP buildings Gas	£k	n/a
Heat from power station	£k	n/a
Power only biomass	£k	n/a
Green grid	£k	n/a
Wind large	£k	TBC
Wind medium	£k	TBC
Wind (Domestic)	£k	TBC
Solar PV (Domestic)	£k	TBC
Solar thermal (Domestic)	£k	TBC



Biomass boilers (Domestic)	£k	TBC
Air source heat pump (Domestic)	£k	11900
Ground source heat pump (Domestic)	£k	13930
Solar PV (Non-Domestic)	£k	TBC
Solar thermal (Non-Domestic)	£k	n/a
Biomass boilers (Non-Domestic)	£k	n/a
Air source heat pump (Non-Domestic)	£k	n/a
Ground source heat pump (Non-Domestic)	£k	n/a
Cavity wall insulation (Domestic)	£k	12503.77
Solid wall insulation (Domestic)	£k	30101.25
Loft insulation (Domestic)	£k	4636.73
Tank insulation (Domestic)	£k	41.21
Draught proofing (Domestic)	£k	434.24
Double glazing (Domestic)	£k	1376
Energy efficient lighting (Domestic)	£k	1300.46
Energy efficient appliances (Domestic)	£k	74085.24
Boiler replacement (Domestic)	£k	33797.81
Fuel switch (Domestic)	£k	8262.65
Heating controls (Domestic)	£k	1914
Smart meters Electric (Domestic)	£k	18627.15
Smart meters Gas (Domestic)	£k	21631.11



Energy assessment (Domestic)	£k	30.7
Fuel reduction by behavioural change and technology mix (Domestic)	£k	TBC
Electricity reduction by behavioural change and technology mix (Domestic)	£k	TBC
Energy efficient lighting (Non-Domestic)	£k	n/a
Smart meters Electric (Non-Domestic)	£k	893.3
Smart meters Gas (Non-Domestic)	£k	950.9
Fuel reduction by behavioural change and technology mix (Non-Domestic)	£k	TBC
Electricity reduction by behavioural change and technology mix (Non-Domestic)	£k	TBC
Energy efficient street lighting	£k	6324
Road transport fuel reduction by behavioural change	£k	TBC
Road transport efficiency improvements	£k	TBC
Replace road transport fuels with biofuels	£k	TBC
Replace road transport fuels with electricity	£k	n/a

Table 1 indicative capital costs per measure (Source: VantagePoint Scenarios and Action Plan Study for York 2010)

Financing Sources



Over the coming years York will need to maximise internal and external funding in order to deliver at least a 20 per cent reduction in carbon emissions by 2020.

The following are just some possible funding streams available to the Council and its partners to explore in the future:

Community Infrastructure Levy / Section 106

The Council could consider the use of the Community Infrastructure Levy / Section 106 to generate income through the planning system to secure low carbon technologies on development sites. Under such a scheme, the developer financially contributes towards mitigating the effects the development will have on carbon emissions in the city and funds low carbon technologies at an agreed price with the local planning authority.

Investment in local Major Transport

York is already in the bidding stages to access £22.5 million of a £600 million fund. The proposed Access York scheme would represent the largest single transport investment for York since the building of the A1237 Outer Ring Road and would create three new Park & Ride sites on the edge of the city.

This scheme will also make significant contribution to the city's aim to address climate change.

Sustainable Transport Fund

The Government's Local Sustainable Transport Fund will help build strong local economies and address the urgent challenges of climate change. It reflects the Government's core objectives of supporting economic growth by improving the links that move goods and people and meeting its commitment to reducing greenhouse gas emissions. York will submit a bid for just under £ 5 million in 2011.

Feed in Tariff

Individuals, local authorities, community groups and other organisations who install low carbon electricity generating technologies up to 5MW will be eligible to receive Feed-in-Tariffs. The introduction of Feed-in-Tariffs aims to incentivise the installation of small scale, low carbon electricity generating technologies. Each installation will qualify for a payment for each Kilowatt (kW) they produce and a further payment for each kW exported to the grid.

Prudential borrowing / bonds.

Both financial mechanisms could be investigated to determine if the Council could raise the capital to fund and install renewable energy / energy conservation technologies. This would also enable the council to potentially take advantage of the Feed in Tariff above (if installing low carbon electricity generating technologies).

Special Purpose Vehicles (SPV) - Energy Service Companies (ESCO)



Energy Service Company (ESCo) services

An ESCo is a special purpose vehicle that facilitates the delivery and operation of an energy services scheme.

An energy service scheme is either a partnership between a housing association; local authorities and energy suppliers or a stand-alone project established by interested organisation to offer energy services packages.

ESCo's are relevant where there is a requirement for large volumes of electricity and/or heat. Examples may include large single energy users such as universities and museums, multiple smaller users such as homes and commercial offices, or a mixture of both. In these circumstances there may be an intention to invest in and use energy generation and distribution equipment to supply those users. An ESCo is a particular type of special purpose vehicle (SPV) to enable the delivery and operation of such a system.

Such systems can offer a range of benefits including the provision of heat and power at lower cost to customers compared with business as usual. Carbon savings and potential protection from rising energy prices are further benefits. A number of challenges are often encountered however when trying to develop such a scheme. For instance securing project funding, allocating responsibility and ownership, and hence risk, as well as identifying and delivering the most suitable technical solution, can all be a challenge.

An ESCo can take the form of a third party or arms length entity that is responsible for one or more areas of delivery and operation of a scheme. Securing funding, system design, procurement, installation, operation and any customer facing obligations such as metering and billing may fall within the ESCo's responsibilities. Crucially, the ESCo could carry all the risk associated with the responsibilities it assumes. This allows multiple stakeholders to be involved in the scheme without having to carry uncertain liabilities, often the main obstacle to delivery of such schemes. This is the real innovation in the ESCo model. The exact remit and ownership structure of the ESCo, whether it is a fully private or public entity, or a mixture of the two, varies from project to project.

The ESCo model is one of a number of possible SPV solutions for delivering energy schemes. (Source EST: <http://www.energysavingtrust.org.uk/business/Business/Local-authorities/Energy-Services>)

EU European Local Energy Assistance



To facilitate the mobilisation of funds for investments in sustainable energy at local level, the European Commission and the European Investment Bank have established the ELENA technical assistance facility (European Local ENergy Assistance), financed through the [Intelligent Energy-Europe](#) programme. ELENA support covers a share of the cost for technical support that is necessary to prepare, implement and finance the investment programme, such as feasibility and market studies, structuring of programmes, business plans, energy audits, preparation for tendering procedures - in short, everything necessary to make cities' and regions' sustainable energy projects ready for EIB funding.

Many EU cities and regions have recently started to prepare or are initiating large energy efficiency and renewable energy proposals to tackle energy and climate change challenges. However, most of them are still at the conceptual stage and their implementation is proving difficult because many regions and cities, particularly medium to small ones, often do not have the technical capacity to develop large programmes in this area. ELENA helps public entities to solve such problems by offering specific support for the implementation of the investment programmes and projects such as retrofitting of public and private buildings, sustainable building, energy-efficient district heating and cooling networks, or environmentally-friendly transport etc.

ELENA assistance may facilitate access to EIB finance or finance from another bank.

Forthcoming funding streams

In addition to the above potential funding streams, there are also a number of forthcoming options for York to investigate.

The Renewable Heat Incentive (RHI)

The Renewable Heat Incentive aims to generate more-than-tenfold increase of renewable heat over the coming decade in England.

The scheme will make payments to those installing renewable heat technologies that qualify for support, year on year, for a fixed period of time. It is designed to cover the difference in cost between conventional fossil fuel heating and renewable heating systems (which are currently more expensive), plus an additional rate of return on top.

For more information

http://www.decc.gov.uk/en/content/cms/what_we_do/uk_supply/energy_mix/renewable/policy/incentive/incentive.aspx

The Green Investment Bank



The British government plans to provide funding of up to £1 billion for a Green Investment Bank (GIB).

The intention is to provide organisations with the financing they need for technology and projects which will help the UK make the transition to a low-carbon economy. Only limited information on the GIB and how it is proposed to work is currently available. Once more details are available the Council and its partners will investigate this funding stream.

The Green Deal

The Energy Bill introduced to Parliament on 8 December 2010 includes provision for a new “Green Deal” which the Government is establishing to create a framework to enable private firms to offer consumers energy efficiency improvements to their homes, community spaces and businesses at no upfront cost, and recoup payments through a charge in instalments on the energy bill. Such a scheme will enable consumers to pay for improvements and therefore this will reduce the financial burden on local authorities to pay for energy efficiency improvements in the private and social housing stock. Only limited information on the Green Deal and how it is proposed to work is currently available. Once more details are available the Council and its partners will investigate this funding stream.

The Council and Partners will investigate all of the above funding stream as part of its planned work for delivering this Sustainable Energy Action Plan.

4. Baseline Emission Inventory

The Baseline Emission Inventory for this Sustainable Energy Action Plan has been determined through the national Department of Energy and Climate Change (DECC) data. This data is currently available for 2005 through to 2008 on the [Department of Energy and Climate Change \(emission statistics\)](#) website.

This data is the most comprehensive and available baseline data for overall annual carbon emissions across the UK and it is also used for National Indicator 186 - per capita emissions in each local authority area. The government, to compare per capita emissions, used this indicator across local authorities.

Data is collected from a range of national and local data sets under three broad emissions groups

1. industry and commercial
2. domestic
3. residential

Certain emission sources are excluded as they are deemed to be ‘national’ emissions – for example large industrial plants covered by the European



Emission Trading Scheme. This approach is consistent with that adopted in the baseline requirements for this Sustainable Energy Action Plan.

Currently data for 2005 – 2008 is available. For the purposes of this Sustainable Energy Action Plan the 2005 data set will form the baseline for which future dataset will be compared against. Table 2 details the Baseline Emission Inventory for York in kilo tonnes (kt) of carbon dioxide.

Table 2 York's emission in 2005 (kt CO₂) (Source DECC NI 186 emissions spreadsheet 2011)

Year	A. Industry and Commercial Electricity	B. Industry and Commercial Gas	C. Large Industrial Installations	D. Industrial and Commercial Other Fuels	E. Agricultural Combustion	G. Domestic Electricity	H. Domestic Gas	I. Domestic 'Other Fuels'	J. Road Transport (A roads)	L. Road Transport (Minor roads)	M. Road Transport Other	Total
2005	271	219	-	39	4	182	258	12	194	118	1	1,298
2006	275	216	-	34	4	188	252	12	192	115	1	1,291
2007	257	145	-	35	4	184	239	12	191	118	1	1,186
2008	255	141	-	32	4	177	247	12	182	113	1	1,165

The Covenant of Mayors provides a template for the completion of Sustainable Energy Action Plans, requiring various fields to be populated in the form of a spreadsheet. The spreadsheet uses data that is entered on energy consumption and local electricity production to produce a carbon baseline.

Some of the information required for the baseline inventory has been provided using data above from National Indicators 186. However, it is not possible at this time for the City of York to detail energy consumption data or local renewable energy data for 2005 for the city. Annex B details the information that is available.

Work is also underway to look at how York can annually monitor the amount of renewable energy generated in the city. The baseline data above does not include a section on local renewable energy generation and officers will look this at. Currently, an installation such as large wind turbine that feeds electricity generated straight back in to the national grid, will not appear in any of the York



National Indicator 186 - per capita emissions dataset. It contributes to a greening of the national grid, which indirectly, and as more installation comes on line, will mean that the electricity used across England will be decarbonising, and therefore, over time, in York the emissions associated to electricity consumption will decrease due to renewable energy generation. The current data would not show this effect locally. A method to calculate the renewable energy generated locally and their contributions to carbon savings in York will be investigated and an inventory started from 2010.

5. Planned Actions

This Sustainable Energy Action Plan contains a series of measures that have been developed using a carbon modelling software tool called Vantage Point that was designed specifically for local authorities in the UK to met their various carbon reduction targets. The model allows the development of scenarios to analyse a range of technologies and carbon reduction measures in housing, transport, and public sector and commercial buildings. For the purpose of this Sustainable Energy Action Plan a scenario was developed to outline a possible mix of plausible technologies that would achieve at least a 20 percent reduction in York's citywide carbon emissions.

The Covenant of Mayors provides a template for the completion of this section of the Sustainable Energy Action Plan requiring various fields to be populated in the form of a spreadsheet. As before in section 6, some data is not available to the City of York. Annex B provides a comprehensive list of actions with associated estimated carbon dioxide savings per measure and also outlines responsible delivery partners, timescales, and where available, estimated costs. This action plan should also be read in conjunction with the City of York's Climate Change Framework and Action Plan, which will also be carrying out actions to tackle climate change between now and 2050.

Through the results of the carbon modelling work carried out for the City of York Council, the following potential measures could enable York to save 416 kilo tonnes of CO₂ by 2020 which equates to a 20 per cent reduction in York's carbon emissions.

This plan is based on a scenario that has been developed as the most plausible way of meeting York's carbon reduction commitments. It is based on the range of measures currently available to local authorities, the effectiveness of different options to reduce carbon emissions, and a robust analysis of what measures are feasible for York. The measures identified in this scenario will be subject to further review in light of ongoing and significant changes to national policy and the finance/implementation structures available to local authorities and other key partners.



Measure	Units	2005-2020
Road transport efficiency improvements	ktpa	54.22
Fuel reduction by behavioural change and technology mix (Non-Domestic)	ktpa	36.6
Replace road transport fuels with biofuels	ktpa	33.65
Wind large	ktpa	28.15
Wind medium	ktpa	28.12
CHP biomass	ktpa	23.93
Cavity wall insulation (Domestic)	ktpa	21.66
Solid wall insulation (Domestic)	ktpa	21.09
Electricity reduction by behavioural change and technology mix (Non-Domestic)	ktpa	13.4
Energy efficient appliances (Domestic)	ktpa	11.05
Boiler replacement (Domestic)	ktpa	9.74
CHP large Gas	ktpa	7.58
Loft insulation (Domestic)	ktpa	6.21
Energy efficient lighting (Domestic)	ktpa	6.04
Fuel switch (Domestic)	ktpa	5.08
Smart meters Gas (Non-Domestic)	ktpa	4.51
Solar PV (Domestic)	ktpa	4.5
Solar thermal (Domestic)	ktpa	3.26
Ground source heat pump (Domestic)	ktpa	2.54
Smart meters Electric (Domestic)	ktpa	2.53
Biomass boilers (Domestic)	ktpa	2.47
Air source heat pump (Domestic)	ktpa	2.39
Solar PV (Non-Domestic)	ktpa	1.49
Energy efficient street lighting	ktpa	1.43
Smart meters Gas (Domestic)	ktpa	1.34
Draught proofing (Domestic)	ktpa	0.7
Heating controls (Domestic)	ktpa	0.61



Road transport fuel reduction by behavioural change	ktpa	0.55
Smart meters Electric (Non-Domestic)	ktpa	0.39
Double glazing (Domestic)	ktpa	0.25
Tank insulation (Domestic)	ktpa	0.21
Wind (Domestic)	ktpa	0.04
Energy assessment (Domestic)	ktpa	0.03
CHP buildings Gas	ktpa	0
Heat from power station	ktpa	0
Power only biomass	ktpa	0
Solar thermal (Non-Domestic)	ktpa	0
Biomass boilers (Non-Domestic)	ktpa	0
Air source heat pump (Non-Domestic)	ktpa	0
Ground source heat pump (Non-Domestic)	ktpa	0
Energy efficient lighting (Non-Domestic)	ktpa	0
Replace road transport fuels with electricity	ktpa	0
Fuel reduction by behavioural change and technology mix (Domestic)	ktpa	-0.13
Electricity reduction by behavioural change and technology mix (Domestic)	ktpa	-0.56
Green grid	ktpa	81.65
TOTAL		416.72

(Table 3 – Meeting the 20% target scenario. (Source: VantagePoint Scenarios and Action Plan Study for York 2010)

Based on Table 3 above, a series of short / medium term priority measures have been identified for this sustainable energy action plan to take forward :

- Investigate feasibility to maximise road transport efficiency
- Develop and maximise fuel reduction behavioural change programmes across York's industry, businesses and organisations
- Investigate feasibility of replacement road fuels
- Investigate detailed feasibility for renewable energy technologies including medium and large scale wind turbines and combined heat and power schemes utilising biomass
- Investigate detailed feasibility to develop a city wide whole house energy efficiency / microgeneration package of measures



In addition to these short / medium term priorities, York is also committed to a longer-term target of an 80 per cent reduction in carbon dioxide emissions by 2050.

Such a long-term target will require additional actions between 2020 – 2050. There is still a lot of uncertainty in national policy beyond 2020, and it is therefore difficult to determine the exact level of local action York will need to take post 2020 to achieve its 80 per cent target.

Future editions of the Climate Change Framework and Action Plan will detail such long-term plans.

(Please note that all measures relating to delivery of the 2020 and 2050 targets are subject to changes in national policy, detailed feasibility and available funding)

6. Conclusion

Fundamental to the success of this Sustainable Energy Action Plan are residents, industry, businesses and organisations and all working together to create a sustainable, low carbon York.

As with the City's Climate Change Framework and Action Plan, for people living and working in York this Sustainable Energy Action Plan for York, will help to create a sustainable, low-carbon city where we all:

- live and work in energy-efficient buildings with smaller fuel bills
- drive less and walk and cycle more
- travel by public transport more
- use renewable sources of energy to heat buildings and power our cars and buses
- create less waste, recycle and compost more, and
- grow more of our own food and buy local produce.

There will also be economic opportunities and investment opportunities through the potential installation of new low carbon technologies and localised, decentralised energy generation. The research and development work that Science City York and the Universities / colleges of York, and including Higher York, are engaged in also present research opportunities and could even play an instrumental role in low carbon skills provisions. The potential installation of renewable energy generation across the city's large development sites could also lead to opportunities in onshore wind generation, solar power and biomass Combined Heat and Power schemes (source: Renewable Energy Strategic Viability Study for York 2010)



The City of York Council and Partners have signed up to the European Covenants of Mayors to illustrate the need to tackle climate change and to maximise the opportunities tackling climate change will have on the city and its residents and businesses. As a city, York is also committed to becoming a sustainable city. By demonstrating strong performance in tackling climate this will support York to strive towards this ambition.

General enquiries

For more details on tackling climate change visit the City of York Council website www.york.gov.uk

Or call on (01904) 551550

Email sustainability@york.gov.uk

Post: City of York Council
City Strategy
9 St Leonard's Place
York
YO1 7ET

A leaflet on creating a sustainable home and business in York is also available from some council reception desks and via the City of York Council's website www.york.gov.uk/environment/sustainability/climatechange/ or from the WoW website at www.yorkwow.org.uk/sustainable-wow/

INSERT EQUALITIES PANEL



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Baseline Emission Inventory York

- 1) **Inventory year** 2005
- 2) **Emission factors** Standard emission factors in line with the IPCC principles
- 3) **Emission reporting unit** kt CO2

**B) CO2 Emission
Baseline Year

Other Years
available**

Year	A. Industry and Commercial Electricity	B. Industry and Commercial Gas	C. Large Industrial Installations	D. Industrial and Commercial Other Fuels	E. Agricultural Combustion	G. Domestic Electricity	H. Domestic Gas	I. Domestic 'Other Fuels'	J. Road Transport (A roads)	L. Road Transport (Minor roads)
2005	271	219	-	39	4	182	258	12	194	118
2006	275	216	-	34	4	188	252	12	192	115
2007	257	145	-	35	4	184	239	12	191	118
2008	255	141	-	32	4	177	247	12	182	113

(Source Department of Energy and Climate Change (emission statistics) website)

M. Road Transport Other	Total kt CO2
1	1,298
1	1,291
1	1,186
1	1,165

A Sustainable Energy Plan for York

SECTORS & fields of action	KEY actions/measures per field of action	Responsible department, person or company (in case of involvement of 3rd parties)	Implementation [start & end time]	Estimated costs per action/measure	Expected energy saving per measure [MWh/a]	Expected renewable energy production per measure [MWh/a]	Expected CO2 reduction per measure [t/a]	Energy saving target per sector [MWh] in 2020	Local renewable energy production target per sector [MWh] in 2020	CO2 reduction target per sector [t] in 2020
BUILDINGS, EQUIPMENT / FACILITIES & INDUSTRIES:										158870
Municipal buildings, equipment/facilities	City of York Council is delivering a Carbon Management Programme (CMP) that will reduce the council's carbon footprint by 25% by 2013(including the estate, streetlighting and fleet)	CYC Carbon Management Board	2008 - 2013	TBC	Not available (NA)		A review of the data for this programme is under review and will be added in once completed	Not available (NA)		See buildings target below
	City of York Council is delivering a separate programme that will reduce the council's social housing carbon footprint by 25% by 2020(including energy	CYC Carbon Management Board	2008 - 2020	To be identified	Not available (NA)		TBC	Not available (NA)		See buildings target below
	Further details of planned actions can be seen in the Climate Change Framework and Action Plan 2010 - 2015	CYC - City Strategy	2011 - 2015	Via existing funding sources	Not available (NA)		Not Available	Not available (NA)		

Tertiary (non municipal)	See industries below									
Residential Buildings										
Social Housing	City of York Council is delivering a programme that will reduce the council's social housing carbon footprint by 25% by 2020(including energy efficiency improvements)	CYC Carbon Management Board	2008 - 2020	To be indentified	Not available (NA)	TBC	Not available (NA)			
Domestic Housing (social and private)	City of York Council and partners to develop and deliver city wide programmes to improve energy efficiency and renewable energy generation in the private housing stock across York	CYC - CANS and City Strategy	2011 - 2020	To be indentified	Not available (NA)	101050	Not available (NA)			
Other										
Municipal public lighting	CYC to investigate and develop and deliver energy efficient lighting programmes (in addition to the work above through the CMP)	CYC - CANS / CMP	2011 - 2016	To be indentified	Not available (NA)	1430	Not available (NA)			

Industries	CYC and partners to investigate, develop and deliver city wide programmes to improve energy efficiency and renewable energy generation in the industrial and commercial sector of York	CYC - City Strategy and WoW Partners	2011 - 2020	To be identified	Not available (NA)	56390	Not available (NA)		
TRANSPORT									88420
#	CYC is delivering a Carbon Management Programme 2008 - 2013 that will reduce the council's carbon footprint by 25% by 2013(including fleet improvements and route optimisation, driver training)	CYC Carbon Management Board	2008 - 2013	Via existitng funding sources	Not available (NA)	Currently under review. To be added once revised data is available	Not available (NA)		
Public Transport	CYC is developing a new local transport plan in 2011 and this will aim to reduce transport related emissions and create a sustainable transport network across York. Once developed measures will be added to this SEAP	CYC City Strategy	2011 - 2031	To be added once LTP3 is finalised	Not available (NA)	To be added once LTP3 is finalised	Not available (NA)		
Private and commercial Transport							Not available (NA)		

	CYC and partners to develop a low emission strategy including electric vehicle programmes and infrastructure schemes across the City	CYC CANS City Strategy	2011 - 2020	To be indentified	Not available (NA)	To be added once plans are finalised	Not available (NA)		
Other	CYC and partners, through policies and programmes above, to investigate and implement road transport efficiency improvements, fuel reduction improvements and investigate replacement road fuels	CYC - City Strategy		To be indentified		88420	Not available (NA)		
LOCAL ELECTRICITY PRODUCTION:									87780
Wind Power	CYC and Partners to investigate, develop and install, where viable and feasible, large wind (36MWe total capacity) and Medium Wind (60MWe total capacity) technologies, (including on CYC sites where appropriate)	CYC - City Strategy	2011 - 2020	To be indentified	Not available (NA)	56270	Not available (NA)		

Photovoltaic	See residential buildings above. This includes installations in 5954 homes. See Industries above which includes installations that will save approximately 1490 t CO2 .	CYC - CANS and City Strategy	2011 - 2020	To be indentified	Not available (NA)	n/a		5990 (included above in domestic housing)	
Combined Heat and Power	CYC and parterns to investigate, develop, and where viable and appropriate, install CHP biomass (total capacity 3.4MWe) and CHP large gas (total capacity of 2.9 MWe) schemes	CYC - City Strategy	2011 - 2020	To be indentified	Not available (NA)	31510	Not available (NA)		
LAND USE PLANNING:									

<p><i>Strategic urban planning</i></p>	<p>Climate change, resource efficiency, and sustainable design and construction are all addressed in the emerging Local Development Framework (LDF) for York. A Supplementary Planning Document on sustainable design and construction will also be developed in 2011 to replace the current Interim Planning Statement 2007. Please see the Climate Change Framework and Action Plan for additional actions</p>	<p>CYC - City Strategy</p>	<p>2011 - 2015</p>	<p>Not available (NA)</p>	<p>Not available (NA)</p>		<p>Not available (NA)</p>	
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<i>Transport / mobility planning</i>	The emerging LDF and Local Transport Plan 3 will cover a range of policies and programmes that will reduce emissions from transport and create, in the future, a sustainable transport network for York. Please see the Climate Change Framework and Action Plan for additional actions, and the LTP3 consultation and framework	CYC - City Strategy	2011 - 2015	Not available (NA)	Not available (NA)	Unable to quantify at present. Where possible additional savings will be added to this SEAP	Not available (NA)		
<i>Standards for refurbishment and new development</i>	Please see the strategic urban planning section above and the Climate Change Framework and Action Plan for additional actions	CYC - City Strategy	2011 - 2015	Not available (NA)	Not available (NA)		Not available (NA)		
<i>Other - please specify:</i>									
PUBLIC PROCUREMENT OF PRODUCTS AND SERVICES:									
<i>Energy efficiency requirements/standards</i>	Please see the Climate Change Framework and Action Plan for additional actions	CYC - City Strategy	2011 - 2015	Not available (NA)	Not available (NA)		Not available (NA)		

<i>Renewable energy requirements/standards</i>	Please see the Climate Change Framework and Action Plan for additional actions	CYC - City Strategy	2011 - 2015	Not available (NA)	Not available (NA)		Not available (NA)		
<i>Other - please specify:</i>									
WORKING WITH THE CITIZENS AND STAKEHOLDERS:									
<i>Advisory services</i>	Please see the Climate Change Framework and Action Plan for additional actions	CYC - City Strategy	2011 - 2015	Not available (NA)	Not available (NA)		Not available (NA)		
<i>Financial support and grants</i>	Please see the Climate Change Framework and Action Plan for additional actions	CYC - City Strategy	2011 - 2015	Not available (NA)	Not available (NA)		Not available (NA)		
<i>Awareness raising and local networking</i>	Please see the Climate Change Framework and Action Plan for additional actions	CYC - City Strategy	2011 - 2015	Not available (NA)	Not available (NA)		Not available (NA)		
<i>Training and education</i>	Please see the Climate Change Framework and Action Plan for additional actions	CYC - City Strategy	2011 - 2015	Not available (NA)	Not available (NA)		Not available (NA)		
<i>Other - please specify:</i>									
OTHER SECTOR(S) - Please specify:									81650
<i>Other - Please specify:</i>	Greening of the Grid within York	Coalition Government	2010 - 2020	Not available (NA)	Not available (NA)	81650	Not available (NA)		

<p><i>Other - Please specify:</i></p>	<p>10 major areas are being tackled in the Climate Change Framework and Action Plan (2010-2015) to ensure progress is made towards the CoM targets and York's other climate related commitments. These plans will create sustainable homes, buildings, low carbon / renewable energy, sustainable waste practices, a sustainable low carbon transport network, low carbon lifestyles, sustainable planning and agriculture, partnerships working together to address climate change and a city that is preparing for a changing climate. Please see the Climate Change Framework and Action Plan for</p>	<p>CYC - City Strategy</p>	<p>2011 - 2015</p>	<p>Not available (NA)</p>	<p>Not available (NA)</p>		<p>Not available (NA)</p>	
<p>Total CO2 Savings</p>								<p>416720</p>

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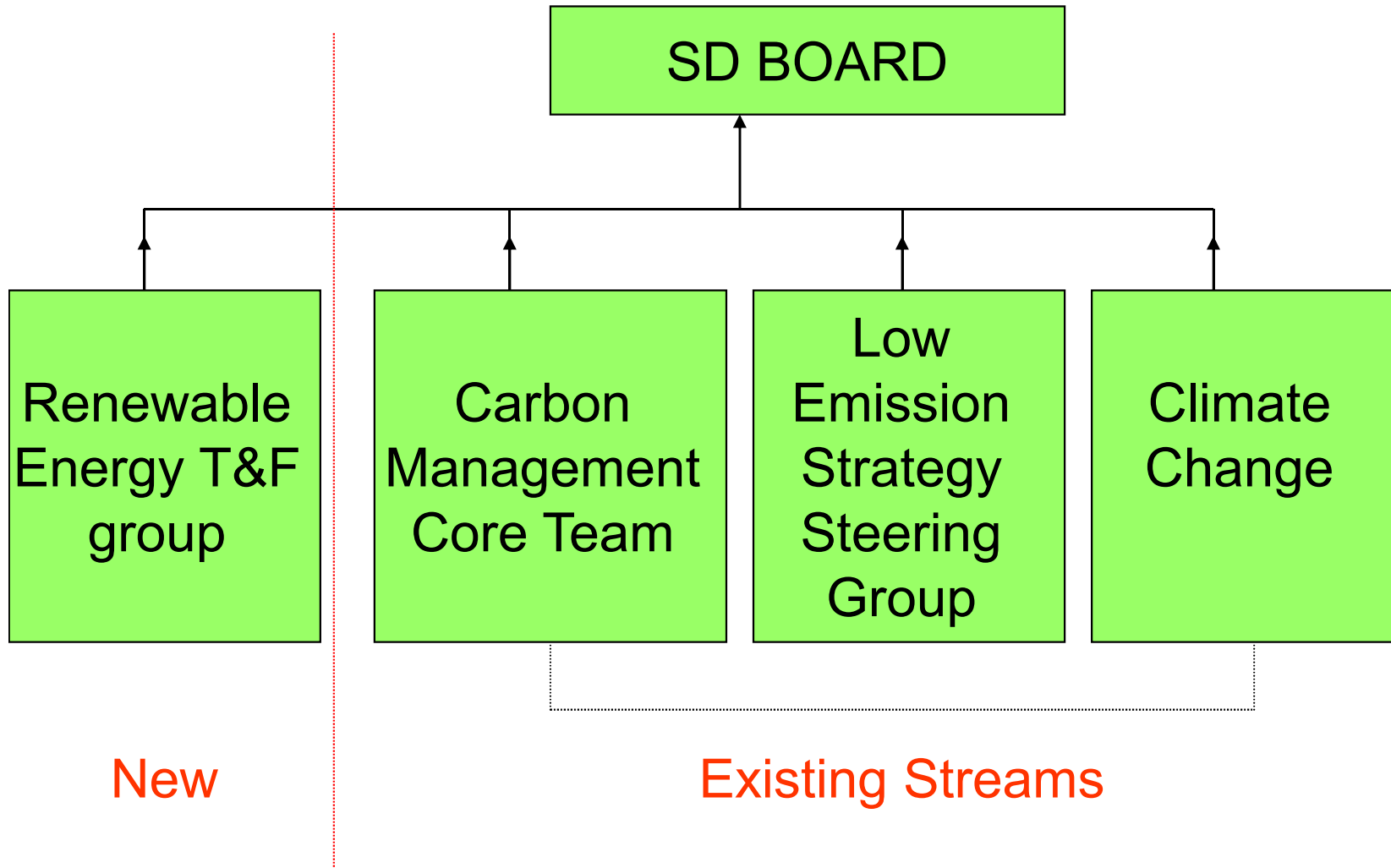


Fig. 1 Proposed Sustainable Development Board + Streams

Fig 2. Proposed new renewable energy Task & Finish Group

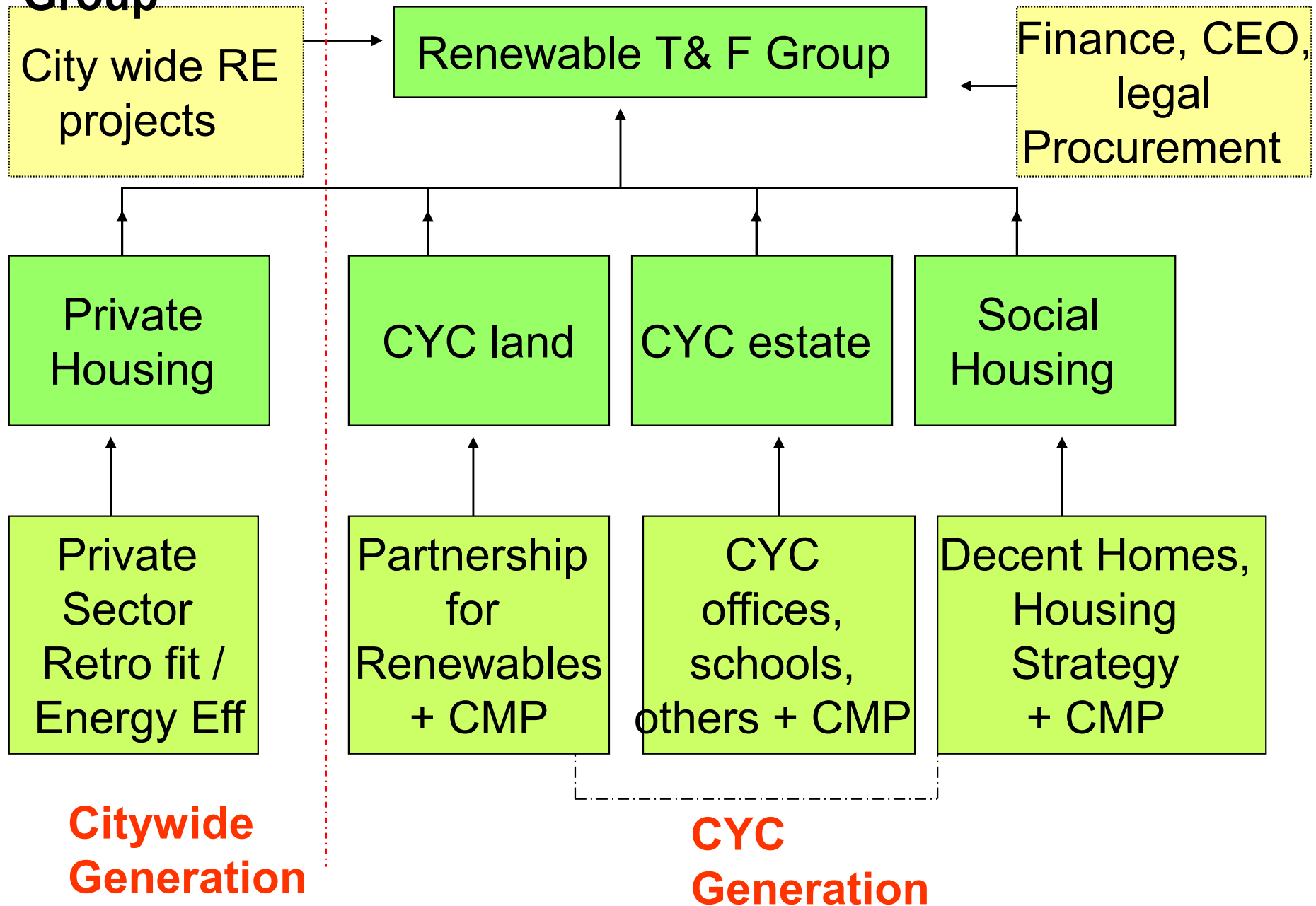
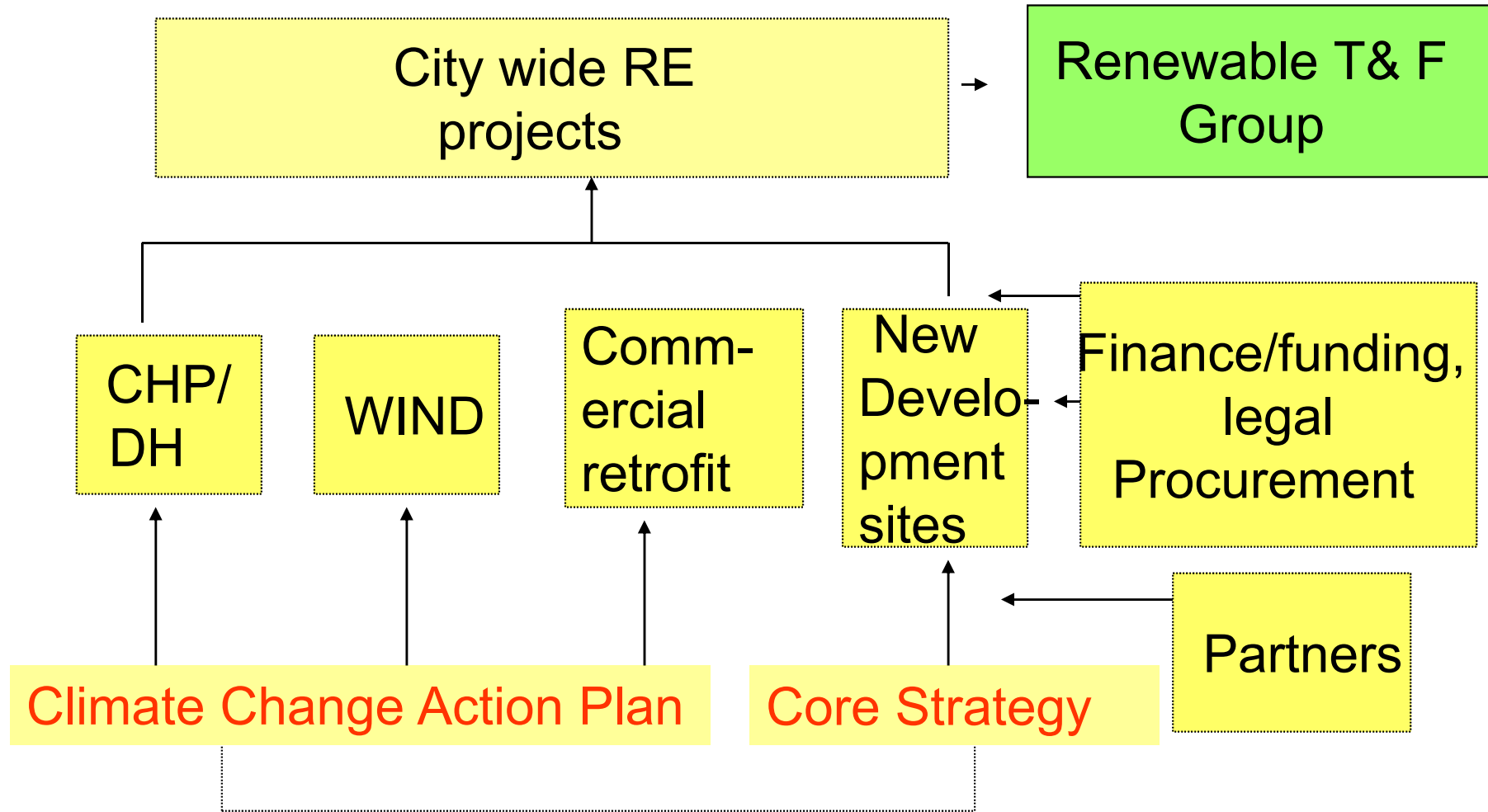


Fig 3. Management of citywide renewable energy projects



Renewable Energy Viability Study
For York + Carbon Modelling
Study (Evidence base)

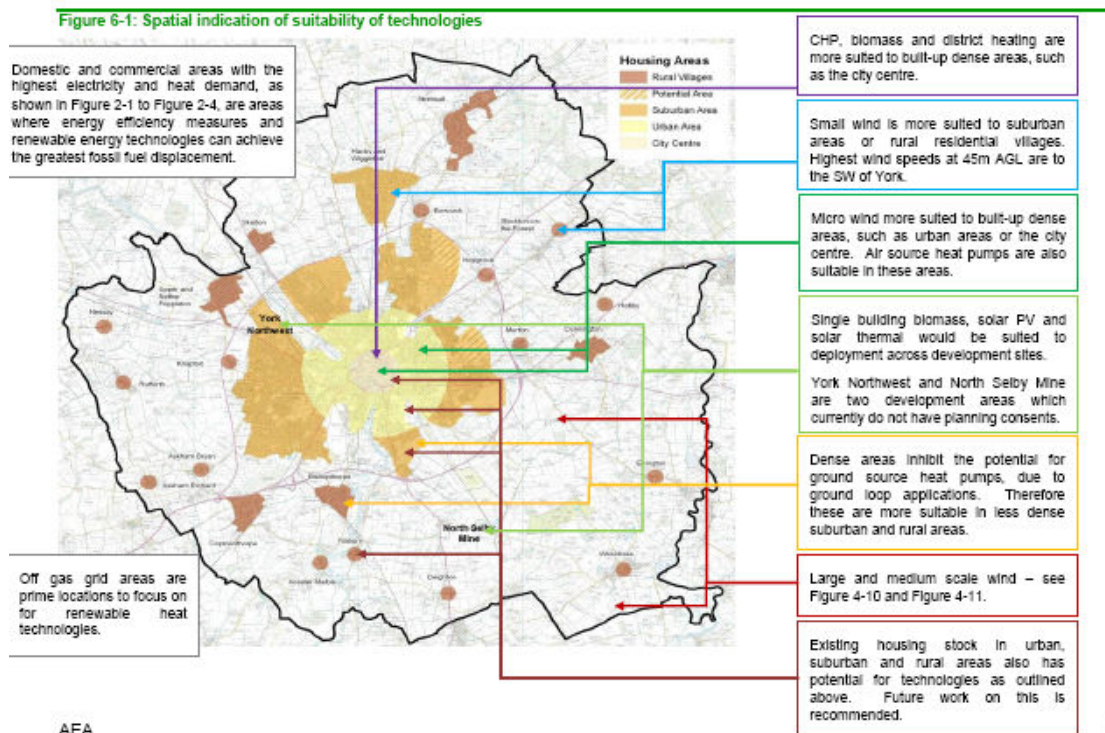
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Annex 4: Major Citywide Sustainability Projects Update (2011)

City – wide work

Renewal Energy Viability Study

CYC have completed a study looking into the feasibility of renewable energy across the city. This work will be used to develop renewable energy policies in the LDF and to create more projects across the city. Table 1 is a map illustrating the graphical locations of potential technologies across York .



A summary of the potential capacity for generating renewable energy is detailed below:

- 2020 – 67.5 MW from RE electricity
- 2020 – 22.3 MW from RE heat
- 2030 – 69.7 MW from RE electricity
- 2030 – 28.0 MW from RE heat

- Total by 2020 =89.9 MW**
- Total by 2030 =91.7 MW**

A summary of the potential types of renewable energy and their capacity is also detailed below:

- Wind – Large and Medium Scale (78,840 MWh/yr)
- CHP Biomass district heating (17MWh/yr)

- Biomass (single building) (7623MWh/yr)
- Ground source/air source heat pumps (6534 MWh/yr)
- Solar PV (domestic) (1564 MWh/yr)

This work has been utilised in the Core Strategy to set renewable energy targets for the city, set high standards for sustainable design, construction and renewable energy on any new development in York, and to outline suitable technologies for the forthcoming large scale development sites across York.

****Please note this is just potential capacity and any measures above require further feasibility and funding before possible installation. They would also be subject to all current planning considerations.***

This work is also feeding into the Climate Change Framework and Action Plan and will be utilised to progress city wide solutions/standalone solutions

Climate Change framework and Action Plan

Proposed amendments were approved by the Executive on 19/10/2010. Final amendments have been made to take into consideration the results of the carbon modelling work (see below). A finalised version will be available from CYC climate change pages of the website by April 2011.

Carbon Modelling Study

This work has been completed. The scenarios developed have informed the Climate Change Framework and Action Plan. Full copies of the report are available from the Sustainability Officer.

Sustainable Community Strategy – Sustainable City Chapter

This chapter has been refreshed by the Environment Partnership Board and will continue to address a broad range of issues facing the city such as climate change, sustainable transport, the protection of historic and built environment and the enhancement of the natural environment. The draft is now being considered by WoW Board.

York Green Neighbourhood Challenge

The *York Green Neighbourhood Challenge* ran from May 2009 to September 2010. It was initiated by York's Environment Partnership (including the City of York Council, Sustainability4Yorkshire, Natural England, Civic Trust, English Heritage and York Environment Forum) and funded by York's Local Strategic Partnership. The Challenge aimed to achieve a 10 per cent reduction in household carbon emissions, raise public awareness of low carbon lifestyles and foster community cohesion.

The initiative set out to assist the City of York in reducing residential carbon emissions. It piloted an effective approach to community engagement by recruiting teams from selected neighbourhoods, providing information, support

and encouragement to reduce carbon emissions, and creating opportunities to meet.

The Green Neighbourhood Challenge was very effective in reducing the carbon footprint of the participants and achieved an estimated total emission reduction of **98 tonnes of CO₂e/year**. A full report will be available from By April 2011. In order to carry this successful project on, a new community will undergo the challenge in 2011 (see below).

Various Recent Funding Updates

RIEP – Regional Improvement and Efficiency Partnership

Climate for Change CVS programme - A series of workshops for the CVS were held in York and North Yorkshire on low carbon practices and operations (total £12,000).

Aims:

- explore how climate change and energy issues can impact on organisations in the short and medium term
- offer practical advice on how to reduce costs, to ensure that the organisation continues its purpose and meets its goals
- show how reducing waste can save money, strengthen community links, improve self esteem and the health and wellbeing of staff and service users.
- On-line Toolkit for organisations to use.

Climate Change Risk Assessments for York and North Yorkshire

A sub-regional programme including two part-time project officers worked for a total of 6 months to (1) undertake a comprehensive risk assessment for climate change adaptation work in partnership across Councils in York & North Yorkshire and (2) disseminate the results of this work both within the Y&NY Authorities and their partners, to create an individual council adaptation action plan to continue the adaptation work post March 2011 in York and North Yorkshire Authorities and partners. (total £15,000) . A report for York is being finalised and will be used to update CYC risk registers.

The Environmental Business Support Programme

A regional programme designed to help local businesses tackle climate change and save money through resource efficiency tools, on-line portal/website and up - skilled local authority officers. Tools include:

- Support Website
- Resource efficiency fund
- Events and training (including LA officers training)
- Diagnostic tools for businesses

A local York launch of this programme was held as part of Climate Week at the Business Forum's Innovation event.

Climate Change Skills Fund

In the Yorkshire and Humber Region we have been given £860,000 by CLG to deliver climate change programmes by June 2011. The main thrust of the programme is around supporting the role that Planning can play in delivering climate change mitigation and adaptation work. An initial set of project areas have been drawn up. The key areas of work are:

- **Leadership and Skills** - covering elected members and planning officers and related professions (accredited training).
- **Planning Policy** - work area to focus on policy development, e.g. further streamlining of permitted development rights, supporting LAs to deliver their planning policy targets (e.g. % of renewables in new developments), improve transparency of decision making and reducing appeals.
- **Best Practice Hub** - focus on built environment best practice mitigation / adaptation work and learning.
- **Citizen Engagement** - working with Energy Savings Trust to support householders in realising the benefits of renewables, how to get them installed, and being well adapted to a changing climate.
- **Historical Assets** - Improving planning policy to improve energy efficiency and renewable energy generation in historical / listed buildings and conservation areas.

To date, CYC is leading on the Citizen Engagement fund for York and North Yorkshire, and in partnership with the SEI and Sustainability4Yorkshire, were successful in securing £70,000 to achieve the following in:

- Based on a successful pilot in York, and utilising the expertise of Sustainability4Yorkshire, a North Yorkshire Green Neighbourhood challenge will work with 7 community groups across the region(including a community in York). The challenge will involve 7 teams in North Yorkshire competing to reduce their carbon footprint for financial rewards that can then be used by the group to carry on further work in this area or to look at wider community improvement projects. The project aims to achieve a measurable reduction in household carbon emissions, raise public awareness of low carbon lifestyles and foster community cohesion.
- A york group is currently being recruited.

Leeds City Region – Low Carbon Framework

This programme is a £3m (over 10 pilot areas) programme and includes five key projects :

- **Low Carbon Economic Analysis** – Mini-stern report looking at the costs and economic opportunities of policy responses to climate change.

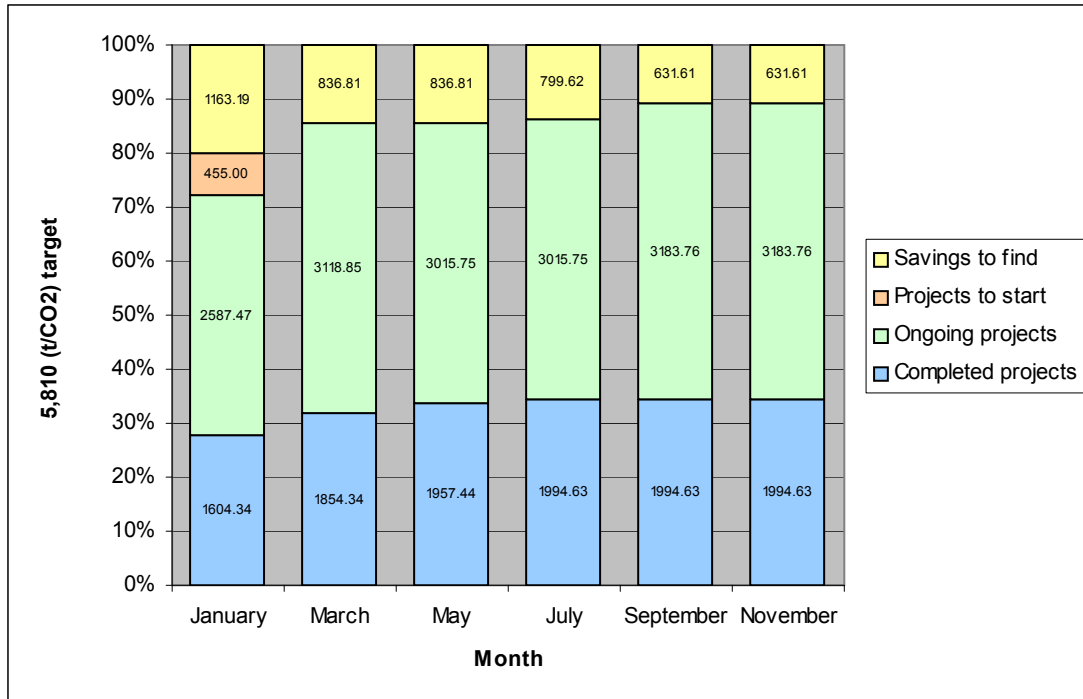
- **Low Carbon Innovation** – Linking with the LCR's Innovation Programme – open innovation events leading to the development of an innovation competition for low carbon technologies.
- **Domestic Energy & Efficiency Programme (DEEP)** – Includes the delivery of a DEEP pilot area and cost benefit analysis.
- **Commercial Property** – A feasibility study looking at a potential revolving loan fund to incentivise energy efficiency retrofit on commercial properties.
- **Renewable Energy Strategies** – Piloting local renewable energy strategies in two of the Urban Eco Settlement locations, including the production of local investment prospectuses that to facilitate discussions with communities and business.

CYC is piloting some of this work via the Domestic Energy & Efficiency Programme (DEEP) and Renewable Energy Strategies strands of this programme. At the British Sugar Urban Eco Settlement site detailed feasibility of CHP/districting heating schemes and integrated renewable energy technologies will be undertaken. This work will also produce a local investment prospectus that will facilitate discussions with communities and business.

CYC

Carbon Management Programme

This programme continues to progress. To date 1994.63 tonnes (November 2010) have been made (based on a 2006/07 baseline). A further 3183.76 will be made through ongoing projects once completed and installed and 631.61 tonnes of projects are still to be found and implemented (based on a 2006/07 baseline). Work is currently underway to look at new projects to meet this target. It is likely that planned transport fleet improvements will be made through the More for York Transport Blue Print to assist reaching this target by 2013.



A review is also underway looking at the 2006/07 baseline to ensure data accuracy and to refresh the strategic implementation plan of this CMP. This expected to completed by April 2011.

10:10

The council signed up to 10:10 campaign in 2010 and are on track to save 10 per cent of the estate's (excluding schools) carbon emissions in 2010 (based on a 2008/09 baseline). 1200 tonnes of carbon dioxide is anticipated to be made (31st March 2010 – 1st April 2011) and will be delivered through:

- renewable energy to power bollards/signs;
- technology to help control energy usage;
- increasing staff awareness of carbon saving practices;
- heating a swimming pool with biomass fuel instead of gas; and,
- replacing ageing streetlighting units with more efficient examples.

Climate Week

Climate Week took place between 21 and 27 March 2011. The Week aimed to highlight all the great action taking place across the country to address climate change. Thousands of businesses, charities, Council's and schools ran events throughout the week demonstrating what can be achieved, to share ideas and above all else encourage others to act. This year Climate Week also coincides with WWF Earth Hour on Saturday 26 March. Earth Hour is a global campaign to raise awareness of climate change by asking businesses, individuals and organisations to switch lighting off between 8:30pm and 9:30pm.

As part of Climate Week York created a programme of local activities with partners from across the city:

- Launch of the Environmental Business Support Presentation and Workshop @ Business Forum: launch of a set of resources for businesses to enable them to take advantage of the opportunities resource efficiency can provide. To be held at the Sir Ron Cooke Hub of the University of York on 23 March 2011.
- CYC Admin Accommodation Electricity Challenge: a number of CYC admin buildings were challenged to reduce their electricity usage below previous day levels. Results pending.
- CYC School Energy Challenge: all CYC schools were challenged to reduce their energy consumption during climate week. A prize of £100 is to be offered to winning Primary and Secondary Schools.
- WWF Earth Hour: takes place on Saturday 26 March from 8:30pm to 9:30pm and encourages businesses, individuals and organisations to turn lighting off for the hour as a way of raising awareness of climate change. CYC worked in partnership with York Minster and Aviva to make the event a success.
- York Climate Week Event @ St. Sampson Square: a number of environmental groups from York attend this event to provide information on the activities they are involved in in York to address climate change. The event also provided friendly and practical advice on living a low carbon lifestyle. A performance of Compost - the mini-musical was also performed by Fishergate School.
- Press: a number of articles were produced internally and externally to highlight the work which is going on across the City to address climate change.
- A wider programme of activities were also organised by Edible York, Planet South Bank, Environment Forum, Friends of Earth, St Nicholas Fields, Sustainability4Yorkshire. Activities included lectures and public planting events.

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Executive

12 April 2011

Report of the Director of Communities and Neighbourhoods

Funding of Additional £657k Revenue Highway Maintenance Scheme Programme 2011/12**Summary**

1. This report requests the Executive to approve the revenue funding of £657k from Council contingencies for the undertaking of additional highway maintenance schemes as detailed in Annex 1.

Background

2. At the full Council meeting on 24 February 2011 members approved the budget for 2011/12 and includes an additional £657k of revenue to be allocated to maintain the highway at its condition prior to the extreme winter weather of late 2010. The meeting approved the funding to be taken from the Council's reserves and allocated to the contingency budget.
3. The Executive Member Decision Session for Neighbourhoods and Housing on 15 March 2011 approved the Annual Highway Maintenance Report. The approval includes a programme of additional revenue maintenance schemes for 2011/12 of which £657k is proposed to be revenue funded from Council contingencies.

Consultation

4. Due to the nature of this report no consultation has been undertaken.

Corporate Priorities

5. Through the proposed measures Communities and Neighbourhoods support delivery of the Thriving City, Sustainable City, Safer City, Inclusive City and Effective Organisation themes from the corporate strategy.

Implications**Financial Implications**

6. Funding of additional revenue schemes to be taken from contingency budget.

Human Resources (HR) and other implications

7. There are no HR implications identified in this report.

Equalities

8. This report has taken into consideration the impact of the Council's Equality Strategy when recommending the proposed highway maintenance schemes.

Legal

9. The Council has a statutory duty to carry out highway maintenance under Section 41 of the Highways Act 1980

Crime and Disorder

10. There are no crime and disorder issues.

Information Technology (IT)

11. There are no IT implications in this report.

Property

12. There are no property implications.

Other

13. There are no other implications in this report.

Risk Management

14. In compliance with the Council's risk management strategy, the main risks that have been identified in this report are:
 - Strategic Risks, arising from judgements in relation to medium term goals for the service
 - Physical Risks, arising from potential underinvestment in assets
 - Financial Risks, from pressures on budgets
 - People Risks, affecting staff if budgets decline
15. Measured in terms of impact and likelihood the risk score for all of the above has been assessed at less than 16. This means that at this point the risks need only to be monitored, as they do not provide a real threat to the achievement of the objectives of this report.

Recommendations

16. The Executive is recommended to approve the release of £657k of funding from the contingency budget for additional highway maintenance schemes detailed in Annex 1.

Reason: To comply with full Council approval to allocated £657k from reserves into the contingency budget for additional highway maintenance schemes.

Contact Details

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John Goodyear
Assistant Director (Environment)
Communities & Neighbourhoods

Report
Approved



Date: 29 March 2011

Wards Affected: All



For further information please contact the author of the report.

Background Papers:

Annexes:

Annex 1 - CYC Additional £657k Revenue Scheme Programme 2011/12

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**CITY OF YORK COUNCIL ADDITIONAL £657K REVENUE SCHEME PROGRAMME
2011/12**

Carriageway

	Road	Ward	Estimate (£)
1.	C420 Osbaldwick Link Road	Osbaldwick	45,000
2.	Sycamore Terrace	Clifton	28,000
3.	Almery Terrace	Clifton	9,000
4.	Longfield Terrace	Clifton	28,000
5.	Millfield Lane (Part)	Rural West York	41,000
6.	Chapelfields Road (Part)	Westfield	41,250
7.	Main Street, Copmanthorpe (Part)	Rural West York	14,750
8.	St Stephens Road (Part)	Westfield	55,000
9.	Firtree Close	Holgate	3,000
10.	Tilmire Close	Fulford	13,800
11.	Low Moor Avenue	Fulford	17,500
		Total	<u>296,300</u>

Carriageway Surface Dressing

	Road	Ward	Estimate (£)
1.	A59 Harrogate Road (Part)	Rural West York	38,000
2.	Lords Moor Lane (Part)	Strensall	22,200
3.	C281 Knapton Lane (Part)	Acomb	26,000
4.	Carter Avenue	Heworth	8,000
5.	Hewley Avenue	Hull Road	9,000
6.	Towthorpe Moor Lane (Part)	Strensall	12,000
		Total	<u>115,200</u>

Carriageway Concrete Repairs

	Road	Ward	Estimate (£)
1.	Various	Various	54,500
		Total	<u>54,500</u>

Footway

	Road	Ward	Estimate (£)
1.	Severus Avenue	Holgate	105,000
2.	Berkeley Terrace (Part)	Holgate	27,000
3.	Foxwood Lane (Part)	Westfield	39,000
		Total	<u>171,000</u>

ANNEX 1 (continued)**Drainage**

	Road	Ward	Estimate (£)
1.	A1079 Hull Road (Badger Hill)	Hull Road	8,000
2.	C289 Main Street	Bishopthorpe	8,000
3.	Hawthorn Terrace	Huntington & New Earswick	4,000
		Total	<hr/> 20,000

Total CYC Additional Revenue & Capital Scheme programme £657,000