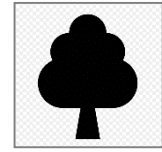
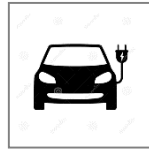
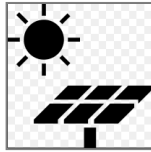


# Climate Action Plan

Future Merton  
March 2020

# Contents



**What is the action plan going to look like?**

**Route to agree actions**

**Timetable**

# What is the action plan going to look like?

# General lay out

## The concept

Maximum of 20 pages.

Simple, clear, **publically accessible** with good visuals.

## The content

The document moves from an Action plan to a **Strategy and Action Plan**

Includes a commitment to properly consider **adaptation**

Actions set out at high level

Detail covered in Aether report and a working level “delivery plan”

**PLEASE NOTE THAT ALL FIGURES AND ACTIONS SET OUT IN SAMPLES HAVE NOT BEEN AGREED AND SERVE ONLY AS AN ILLUSTRATION OF WHAT THE ACTION PLAN COULD LOOK LIKE.**

# Introductory sections

## **Forward** [1 page]

A “call to arms”

## **Introduction** [2 pages]

Explains about the targets.

Sets out terms used (net-zero/ carbon emissions etc)

Sets out the scope of what is in and out the target.

## **Merton's greenhouse gas emissions** [2 pages]

Visual representing Merton's greenhouse gas emissions (see next slide)

Visual representing the Council's greenhouse gas emissions.

## **Vision on 2050** [2 pages]

Based on workshop “vision” session

Consistent with having met the 2050 target

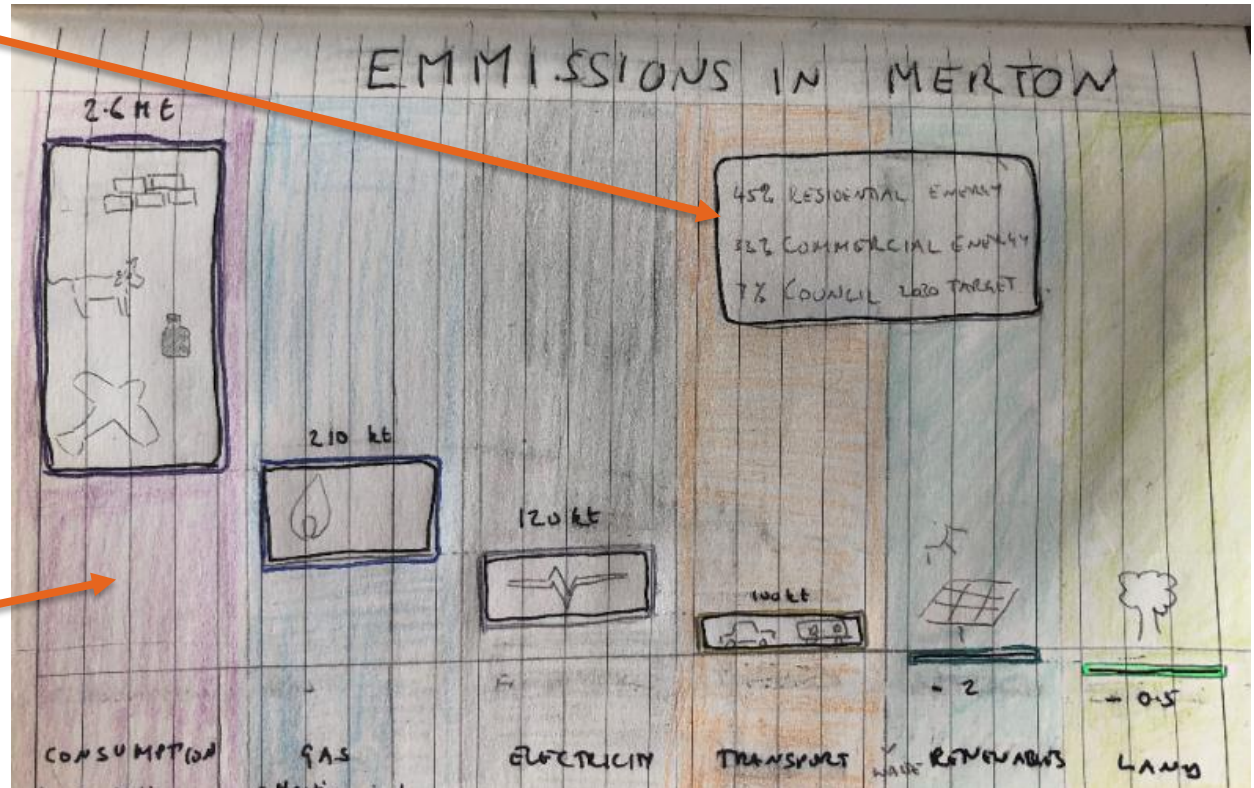
Vision statements link with the action sections in the report

# Sample graphic to show Merton's carbon emissions

Includes in key sectors

And shows magnitude of emissions, including scope 3 (consumption)

Colours link to relevant sections in the action plan



Could provide more detail on categories here

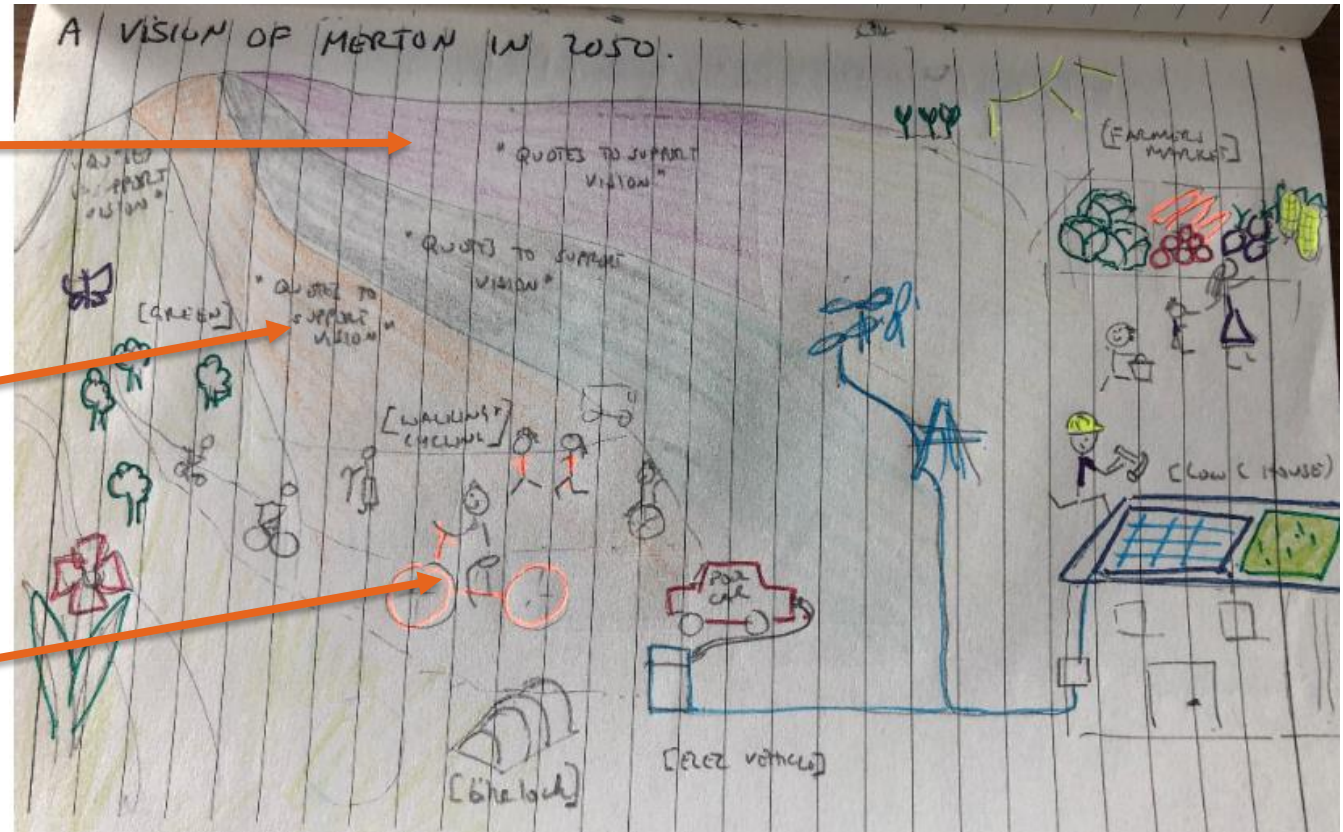
These ones are "offset" because they displace/lock in carbon.

# Sample graphic to show Merton's vision for 2050

"Pathway" colours denote section in the action plan

Vision statements are repeated at the top of the sections in the action plan

Images represent major transitions that need to occur and decarbonise



Images merge together showing that it is an "whole systems" integrated approach

# Strategy and action plan

## Strategy [2 pages]

Council's role in delivering action on climate change.

How resources and funding are prioritized to achieve the highest impact.

How we will take climate into account at an early stage (planning/ processes)

Commitment to maximize co-benefits and to make actions can be equitable for all.

Commitment to use the best available evidence and measure success (delivery plan)

## Action plan [2 pages per section]

Creating a green economy

- Consumption emissions, waste, finance and green economy.

Energy consumption and buildings (see sample in following slide)

- Retrofit, new builds, renewable energy, infrastructure

Moving to sustainable transport

- Active travel, public transport, electrification.

Council leading by example

- 2030 target (see example in following slide)
- Communications and engagement
- Governance, measurement and reporting to 2050



# Sample of actions – Buildings/ Energy

**IF ALL ACTIONS ARE DELIVERED  
IN FULL, THEY WILL BE  
CONSISTENT WITH MEETING  
THE NET-ZERO TARGET**  
(see timeline section for further info)

Colour-scheme will link with previous  
emissions and vision sections

Magnitude of  
emissions that actions  
need to tackle

Vision statement  
repeat of vision section

Actions broadly set out  
in line with major  
transitions needed

Actions are high level and  
not measured but the detail  
will be covered in a working  
level deliver plan

Smart where  
possible

All actions needed are in,  
but this indicates where  
actions are not resourced

DRAFT-SAMPLE--2050-TARGET--BUILDINGS-AND-ENERGY¶

ACTIONS-NOT-YET-AGREED¶

Vision for buildings and energy: 450kt-CO2eq/year¶

Residents and businesses will have much lower energy bills because homes will be more energy efficient and will store and generate low carbon energy. Gas heating will be replaced with a low carbon alternative. All new developments will be net-zero carbon, sustainable and adapted to the effects of climate change.¶

Retrofit for existing buildings¶

Council to support commercial and community efforts to help home owners, renters and managers of non-residential spaces make low carbon improvements to their buildings, replace gas heating with low carbon alternatives, and increase maximise the local generation of renewable energy to 2050. [add box with examples we are current working on like solar together, ecofurb etc]¶

§By-2023 Council to ensure landlords are meeting minimum energy efficiency standards/ the Housing Health and Safety Rating System.¶

§By-2021 Council to consider the options to help overcome the high up-front cost of investing in low carbon measures through a loan scheme or energy service company.¶

¶

Planning policy for new development¶

Council to revisit draft Local Plan by 2020 and amend policies to be consistent with the net-zero target, including energy use, embodied carbon, carbon offset payments and adapting to the effects of climate change.¶

§Create and energy masterplan by 2022, taking account of the change in the way that electricity is supplied; a reduction in gas use and continuing to consider opportunities for district heating.¶

Ensure major redevelopments and major works are in keeping with net-zero targets to 2050. [add box on work on Morden town centre regen project].¶

# Timeline and costs

## **Timeline** [2 pages]

Visual representation of how the cumulative actions meet target  
(see sample in following slide)

## **Costs** [1 page]

Visual representation of the relationship between costs and impact  
This can only be developed when the cost work is completed.  
Individual actions are unlikely to be fully costed.  
Detailed costs will be worked up in the more detailed document.

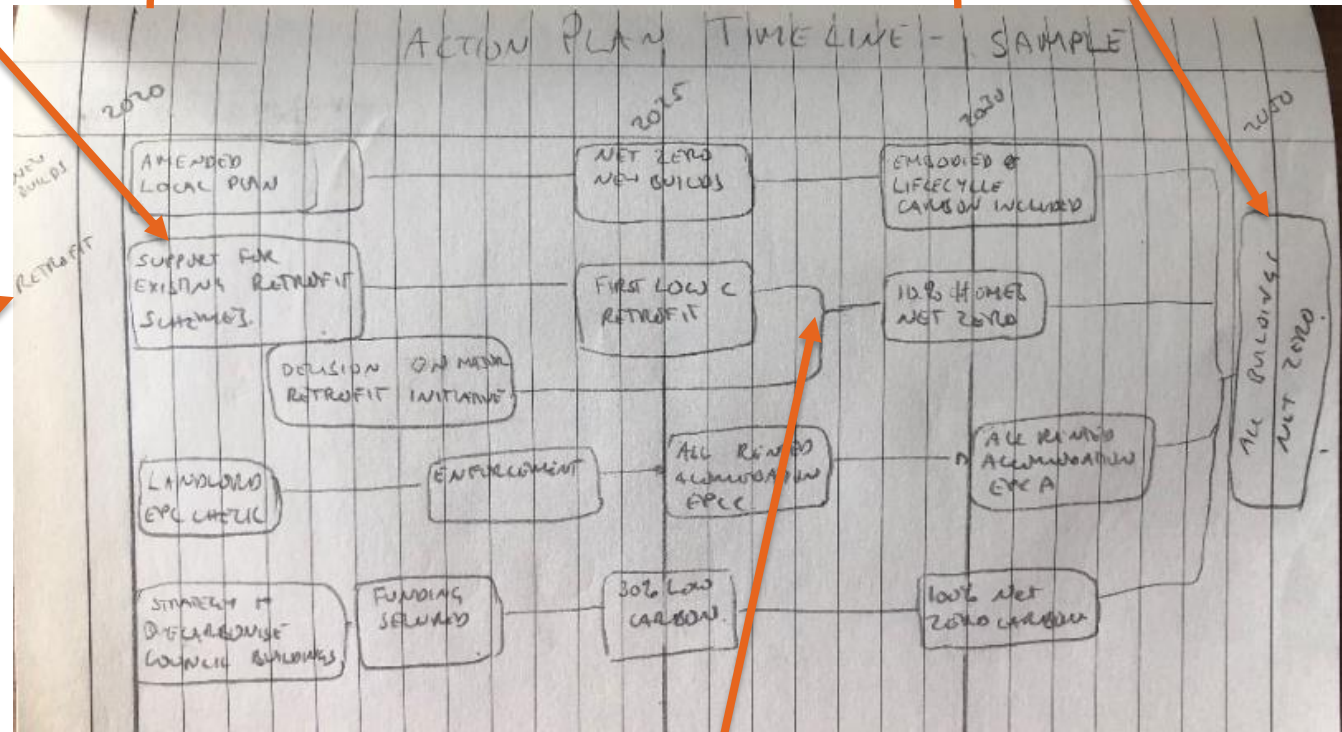
# Sample graphic to show timeline for buildings

More detail at 2020-2030 end than at 2050 end

End point linked to outcome set out in vision statement

Actions consistent with action plan (colour coded)

Lines consistent subheadings in action plan which denote major transitions (colour coded)



Lines show key links between actions

# Process to agree the actions

# Process to agree actions

## To agree the key components of the strategy and action plan

Outline discussed with Climate Emergency Working Group (CEWG).

Outline agree at directors meeting.

## To get the initial cut of actions – officer led

(Sample of audit trail to agree actions in the following slide)

Start with “ long list”.

Decide which actions must be in the action plan to meet target.

Suggest whether actions should be merged or ruled out.

Check that modelling assumptions are consistent with pathway modelling.

Estimate impacts, dependencies (including additional resources/ funding) and timings through a combination of officer estimates and pathway modelling.

## To get the final cut of actions prior to formal sign off

Draft action plan discussed at deputy directors.

“workshop” style feedback from CEWG and SCTP.

Final version to Directors for clearance prior to formal cabinet process

# Sample of audit trail on actions – 2030 Council buildings

Record of initial decision on whether it should be in the action plan

Timings used as the basis for the working-level “delivery plan”

Initial thoughts on costs and additional resources needed

Numbers consistent with “long list” to refer to detailed suggestions, but made more high level and “smart”.

Grey indicates initial views on merging or not including actions

№	ACTION№	SHOULD-BE-INCLUDED-TO-MEET-TARGETS?№ ¶ ¶ (if-not-why-not)¶	POSSIBLE-TO-MEASURE-IMPACT?№ ¶ ¶ (if-yes-see-assumptions)¶	START-DATE/-KEY-STEPS/-HOW-LONG-FOR?№ ¶ ¶ ¶	DEPENDENCIES№ ¶ ¶ (include-additional-cost/-resource-cap)¶	NEXT-STEPS-TO-SECURE-AGREEMENT?№
1	OPERATIONAL-BUILDINGS¶ Council-to-Convert-all-operational-buildings-to-carbon-net-zero-by-2030.¶ ¶ ¶	Yes, essential-to-meet-target.¶	Track-through-modelling--Check¶ CE3-,5-and-6-in-modelling¶ ¶ Track-through-decarbonisation-strategy/-work-plan¶	Strategy-approved-in-2020¶ Funding-in-place-by-2021¶ Programme-starts-2022-2030¶	2-project-staff--Additional-energy-officer.¶ ¶ Costs-£30-180M¶ ¶ Return-on-investment-currently-unknown.¶ ¶	Caroline-Holland.¶
2	Council-to-Trial-innovative-low-carbon-energy-measures-on-operational-buildings.¶ ¶ ¶	Yes, trials-are-needed-to-enable-scale-up-across-all-Council-buildings.¶	Not-in-model¶ ¶ Publish-results-on-line-is-appropriate.¶	Dependent-on-strategy-to-decarbonise-operational-and-non-operational-buildings-greening-vehicle-fleet.¶ ¶ Current-PV-and-battery-storage-project-in-progress.¶ ¶	No-additional-staff-needed¶ ¶ Ad-hoc-funding-may-be-needed-depending-on-the-trial.¶	N/A¶
3	Council-to-decide-whether-to-form-an-energy-service-company-by-the-end-of-2021.¶ ¶ ¶	Yes, but-for-the-2050-target-and-not-for-2030-target¶	¶	¶	¶	¶
4	Council-to-offer-community-energy-opportunities-for-Council-buildings-by-the-end-of-2022.¶ ¶ ¶	Community-buildings-managed-by-non-operational-team-so-should-be-in-2050-target.¶	¶	¶	¶	¶
5	Council-to-create-initiatives-by-the-end-of-2021-to-support-schools-being-carbon-net-zero.¶ ¶ ¶	Yes, but-because-school-buildings-have-different-owners, all-schools-should-be-grouped-under-2050-target.¶	¶	¶	¶	¶
6	Council-to-publish-energy-monitoring-and-bill-information-by-end-of-March-2021.¶ ¶ ¶	No, -because-monitoring-will-be-done-through-the-GHG-inventory. -Possible-to-access-information-through-an-FOI-if-requested.¶	¶	¶	¶	¶
7	Council-to-ensure-lights-are-switched-off-across-the-Council's-estate-when-not-in-use-by-end-2020.¶ ¶ ¶	Yes, but-incorporate-with-general-action-on-making-the-workplace-more-green-and-healthy. See-row-18-below.¶	¶	¶	¶	¶

# Timeline

# Timeline

## **16<sup>th</sup> -27<sup>th</sup> March**

Discuss outline strategy and action plan with CEWG.  
Outline action plan agreed at CMT (Directors meeting).

## **30 March -24 April**

Complete initial discussions of actions with officers.  
Incorporate Aether's work.  
Complete first draft of action plan.  
“workshop” with SCTP, CEWG and other key external stakeholders.

## **27 April-9<sup>th</sup> May**

Take on board feedback from external stakeholders.  
Clear second draft of strategy and action plan with Directors

## **June/ July**

Formal process to clear action plan through Cabinet and Council.



# Key risks

## Key risks and mitigating actions

Risk	Action to mitigate risk
Time taken to undertake detailed discussions with all key officers.	Prioritise discussions with the biggest impact.
No contingency time to resolve major discrepancies from officers or external groups.	Keep actions at high level. Clear rationale for decisions taken. Use working level deliver plan to resolve detailed issues.
Impacts of covid-19 on people's availability and priorities.	Greater reliance on email/ phone Use conference calls where possible Review timeline if it is a major issue
Lack of clarity on costs prevents agreement on action plan.	Clear messaging that not all actions are resourced. High-level costs estimated in action plan. More detailed costs worked up in delivery plan

# Thank you

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March 2020