

# CLIMATE CHANGE

Tuesday 25<sup>th</sup> February 2020

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Service Director for Environment



# What will I Cover?

- The Wakefield Climate Emergency Declaration
- Preparing for the changes ahead
- Making sure the political vision can be actioned by officers at all levels within the council
- The emerging challenges

# Where Are We Now

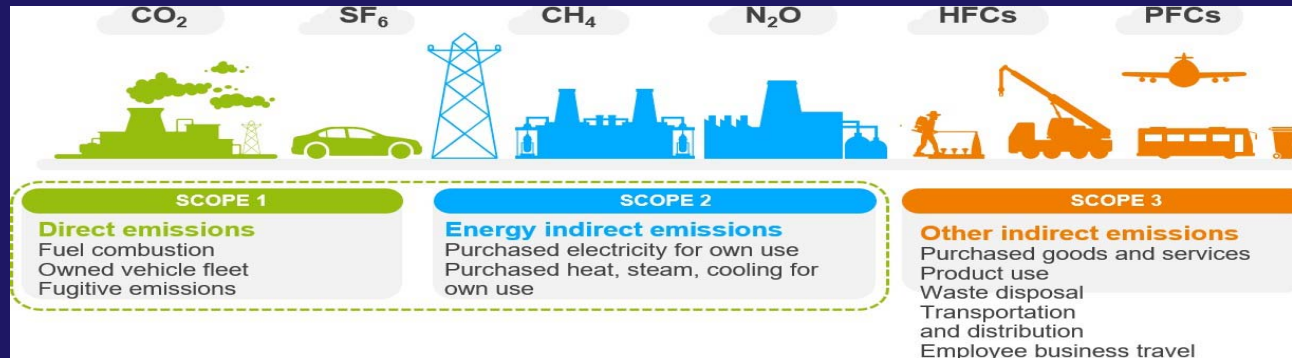
Wakefield Council has made a pledge to be  
Carbon neutral by 2030

Work undertaken by the Combined Authority (CA) has  
identified that the City Region should be carbon neutral  
between 2038 and 2042

# What are our challenges?

- Baseline our challenges
- Ensure we communicate with internal & external stakeholders
- Ensure we achieve Elected Member buy in
- Develop a clear action plan
  - Internal challenge
  - External challenge
  - Establish clear governance
  - Ensure effective Asset Planning in place
  - Secure funding / staffing

# Baseline Our Challenges



## Current Emissions

The council emitted 35,221 tonnes of CO<sub>2</sub> equivalent (tCO<sub>2</sub>e) in 2018. The is split approximately 25-67-8 between scope one, two and three respectively, as indicated in Figure 3 below.

- Scope one emissions identified arise from transport (council owned fleet) and heating
- Scope two emissions are entirely electricity related
- Scope three emissions are grey fleet and transportation and distribution of electricity.

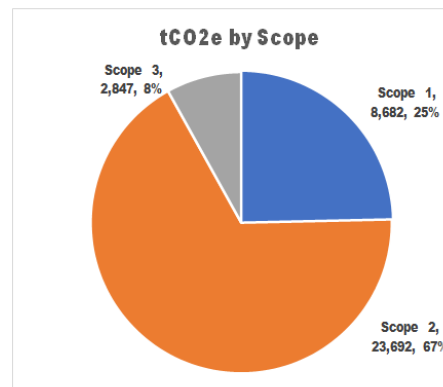


Figure 3 - Emissions by Scope in tCO<sub>2</sub>e

# Baseline Our Challenges

- Next step validate the information
- Does this pick up on wider impact / outputs
- What is the measure nationally?
- Stakeholder workshops with Deputy Leader arranged.  
Full buy in

# Communication Plan

## Climate Change Emergency

### Campaign plan

#### Contents

Directorate:	Regeneration & Economic Growth
Author:	Charlotte Parker
Programme Title:	Climate Emergency
Document Version:	Signed off working document
Current Status:	Signed off

#### Key officer contacts:

Clare Elliott  
Jane Brown  
Mark Hooton  
Debra Burkill

Communications:  
Charlotte Parker – Communications and Campaigns Manager

#### Introduction

##### A background to Climate Emergency

In October 2018 the United Nations Intergovernmental Panel on Climate Change (IPCC) produced a special report, which warned of dire consequences if global warming was not urgently addressed with concerted action. The report outlined global warming should be limited to 1.5°C, however, this would require rapid, far-reaching and unprecedented changes in all aspects of society.

Since October 2018, the Climate Emergency movement has gathered momentum with Bristol and Manchester local authorities passing motions to declare a Climate Emergency with targets to include being carbon neutral by 2030. Many councils across the UK have followed suit.

On 12 June 2019, the Government set a revised target to achieve UK carbon neutrality of 2050, which reflects accelerated performance as the previous target was an 80% reduction (1990 baseline) by 2050 set through the Climate Change Act 2008.

- Create an understanding at what is a climate declaration (video)
- Enable two way dialogue with residents, staff, partners and stakeholders
- Encourage everyone living and visiting Wakefield to play a bigger part
- A detailed plan with measurable outcomes and effectively resourced
- An identity

# Communication Plan

Phase 1	Phase 2
<p><b>Support</b>  <b>What we can do to help behaviour change</b></p> <ul style="list-style-type: none"> <li>• We will provide specialist advice and tips through our communications directing people to advice pages hosted on our intranet/webpage</li> <li>• We will signpost to partner agencies</li> <li>• We will encourage households to sign up for our energy saving programmes (MH to provide more information)</li> <li>• We will provide events for stakeholders to have a two way conversation about the CEAP</li> </ul>	<p><b>Design</b>  <b>Products and tools we can provide to help</b></p> <ul style="list-style-type: none"> <li>• We will design an online energy saving tool for organisations and residents to plan and visualise how much energy they are using/can save</li> <li>• We currently have 18 charging points in the district and this will be increased</li> </ul>
<p><b>Inform</b>  <b>Why we need to do this?</b></p> <p><b>The benefits it will bring organisationally and at a district and regional level</b></p> <ul style="list-style-type: none"> <li>• We will share our progress so far</li> <li>• We will provide information about the plans for the future (short and long-term) and show how this will reduce carbon emissions in a simple and informative way</li> <li>• As part of the consultation people said they wanted to be able to access more green space – we will promote the land already available to residents and highlight plans as and when they come available. We will publish tree planting events on our web page.</li> </ul>	<p><b>Control</b>  <b>Incentives / de-incentives we can provide to encourage behaviour change</b></p> <p><i>Internal</i></p> <ul style="list-style-type: none"> <li>• We already provide travel cards, bike salary sacrifice and car sharing schemes – we will audit everything that is already on offer and add to our intranet page as well as including in our communications messages</li> <li>• Introduced a section in the cabinet report template to address if carbon emissions have been considered</li> <li>• Look at home working</li> <li>• Incentives for recycling</li> <li>• Awards for colleagues who are making a difference</li> </ul> <p><i>External</i></p> <ul style="list-style-type: none"> <li>• Look at incentives for residents/partners who recycle / install energy saving devices or renewable energy – e.g. solar power</li> <li>• Planning permission regulations – carbon emissions will be considered</li> </ul>



# Ensure Elected Member buy in



- Councillor Jack Hemingway, Deputy Leader & Portfolio Holder for Climate Change
- Involve Jack and Elected Members in creation of plans
- Already deliver climate strategy to members
- Regular briefing face to face - bulletins

# Develop a clear plan

- Phase 1

## Internal plan –

- What have we achieved to date
- How will we achieve zero carbon
- Future plans / strategies

## External plan –

- Setting out initiatives that will influence the whole of the district (2m tco<sub>2</sub>)

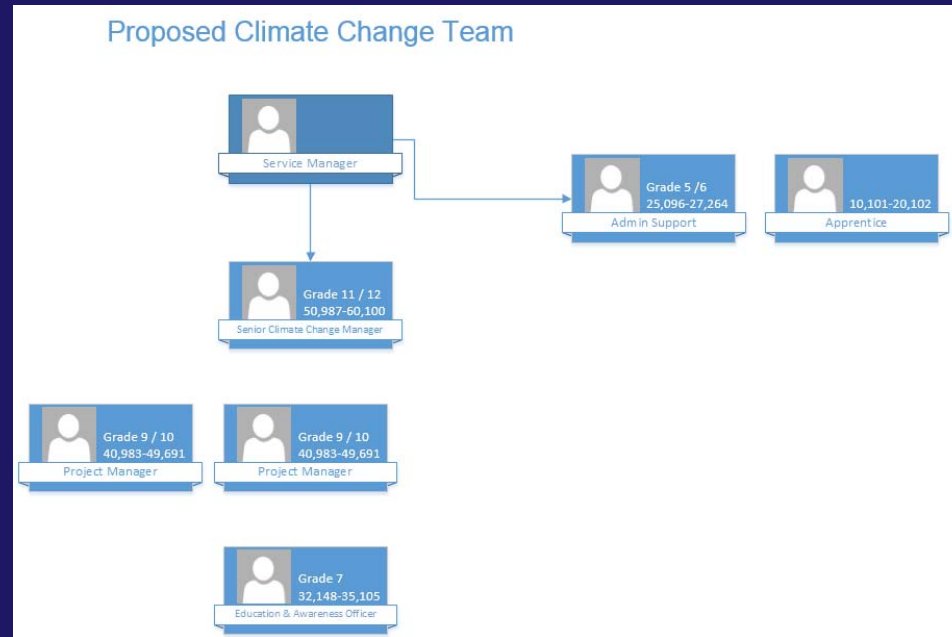
# Establish Clear Governance

- Agreed at Council (Successful Place Board)
- Climate Emergency Programme Board (Chair Cllr Hemingway) (attended ex managers including partners)
- Climate Emergency Programme Board (Gary Blenkinsop Service Manager, Climate Change / Environmental Health) (service area leads)
- Overview and Scrutiny Board (Chair Olivia Rowley)

# Ensure Effective Asset Planning

- Align to Councils LTMP
- Stop “BAU”
  - Skype in offices
  - Buildings design
  - County Hall roof (solar)
  - Grey water – depots
  - Replacement lighting

# Staffing & Funding



- Revenue allocated
- Capital allocated
- Full review of current schemes i.e. solar / LED benefits
- Reviewing current model of financial re investment / SALIX funding
- Specific climate account established
- New financial lead in

# Synergies of Services

## Street Scene

- Waste PFI
- GM
- Cleansing
- Northern Forest
- Commercial Waste

## Enforcement & Licensing

- ASB
- CCTV
- Environmental Crime
- Licensing

## Transport & Highways

- Street Lighting PFI
- Highway Maintenance
- Highways Design



## Property & ENGIE Contract


- Corporate Estate
- Corporate Accommodation & Events
- Facilities & Project Management

## Environmental Health & Climate Change

- Community & Environmental Protection i.e. Nuisance, Pest Control
- Air Quality
- Commercial Services
- H&S
- Food Safety
- Climate Change

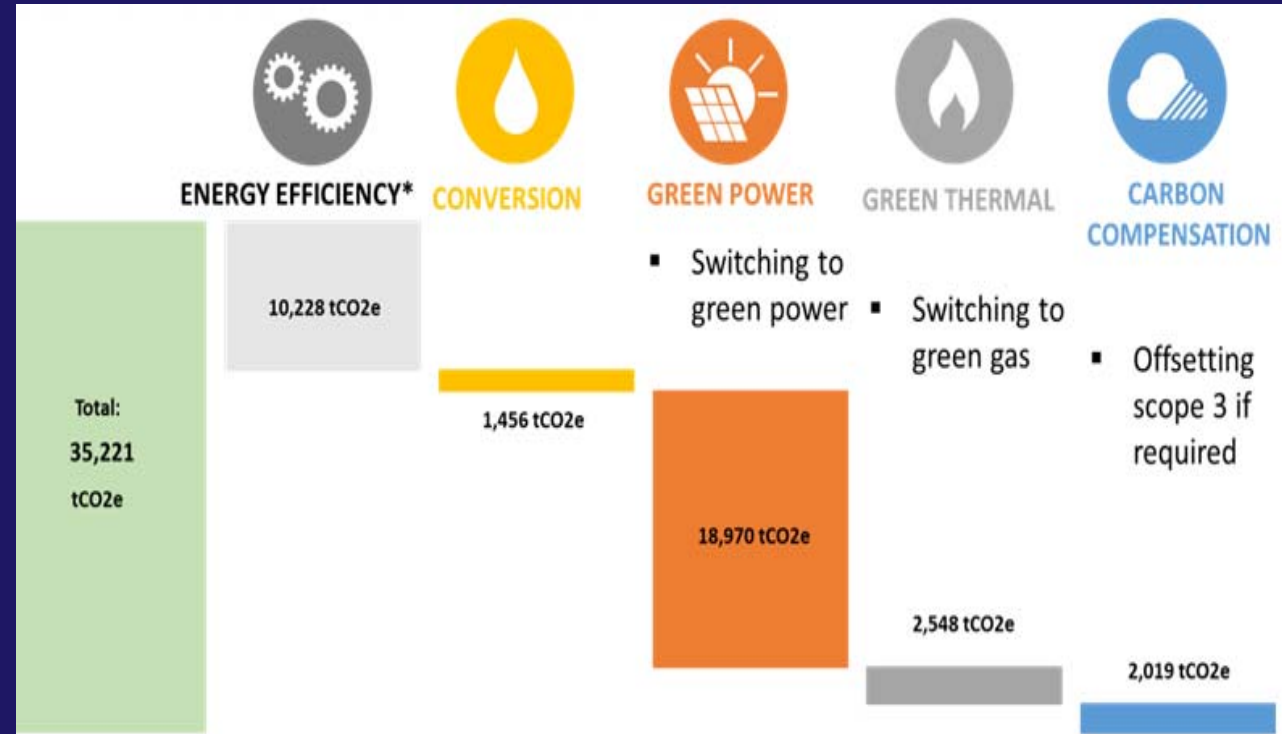
# Action Plan

working in partnership with

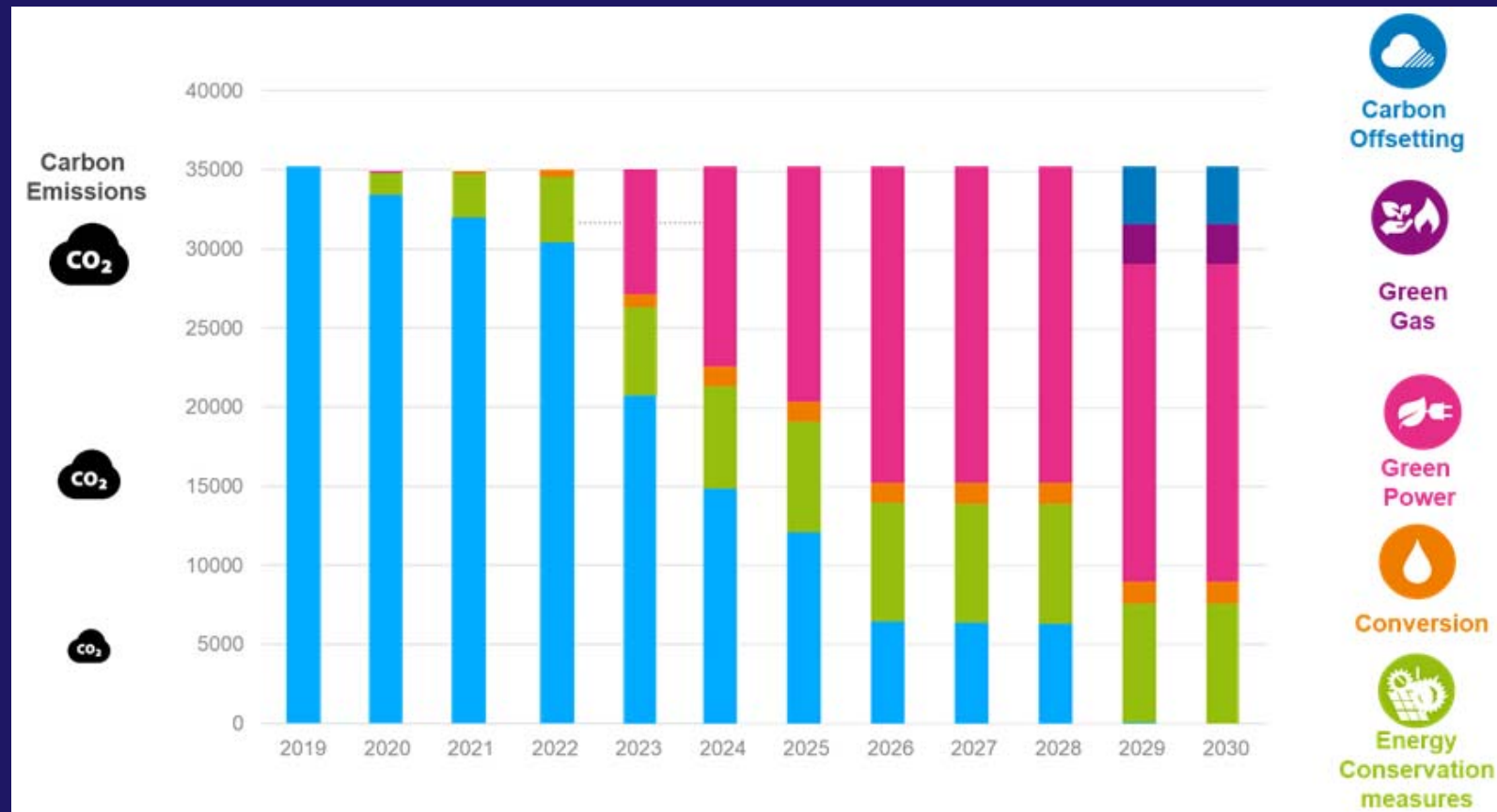


**Wakefield Zero Carbon 2030**  
A Road Map to Carbon Neutrality

Project Reference: Wakefield Council Zero Carbon 2030  
Document Version: 1.0  
Document Date: 06/12/2019



# Action Plan





# Action Plan

Solution	Energy Saving (kWh/a)
VSD	528,530
Basic Time PIR Controls Water Heater	97,785
Cooling Thermal Transfer	490,474
Heating Thermal Transfer	1,601,933
Boiler Optimisation	1,314,574
Hotwater Optimisation	227,358
Valve Insulation	1,929,918
Cavity/ Solid Wall Insulation	2,402,899
Roof Insulation	2,402,899
Cooling Optimisation	69,364
BMS & Controls	613,580
Behaviour Management	892,502
Smart TRV solution	917,196
Building LED Lighting	3,280,943
Street Lighting LED	15,136,283
Total	31,906,235

- Roof top solar 7 sites identified
- 2 x solar farms – east/west!
  - Planning underway
- 2 parks will meet the entire Council state corporate electricity consumption (55GWH)
- Mine water extraction – city centre district heating scheme, supporting key public estate building
- Creation and expansion of the current Anaerobic Digestion facility – Regional Facility – aligned to New Waste Strategy
- Northern Forest initiative - carbon offsetting 50 million trees between 2017 - 2042

# Summary

- Be clear of our base line – align to national guidance
- Effective communication – internal external – including Extension Rebellion partner
- Need correct resources
- Robust financial strategy
- Get whole council district buy in
- A clear auditable plan that can stand scrutiny?
- Member support and buy in

# Any Questions