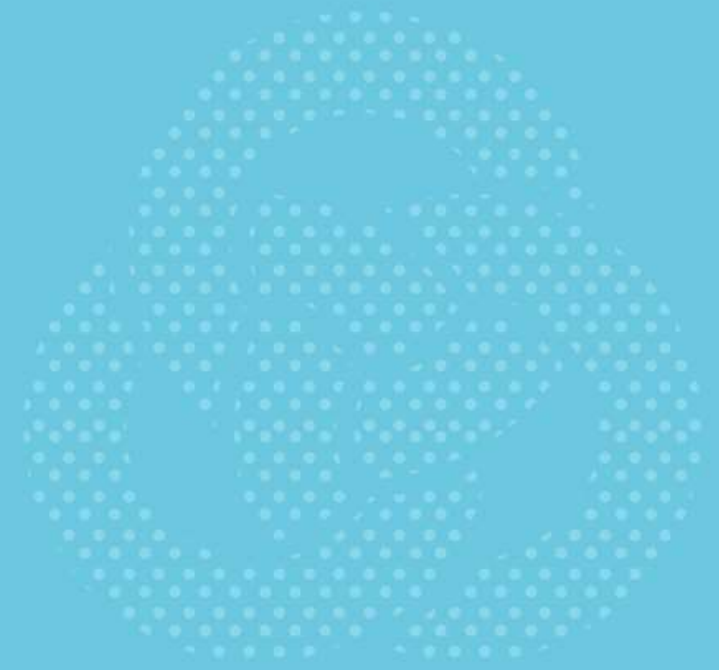




# **Sustainability, Net Zero and Warmer Homes**



## Jonathan Nunn Leader of West Northamptonshire Council

- Overview of West Northamptonshire Councils sustainability Project
- Work towards Net Zero
- Home energy and available funding to improve the energy efficiency of resident's homes

“

We're delighted to be signing up to UK100 and will be taking our Net Zero pledge really seriously. We need to make the future of West Northants sustainable, not just environmentally but economically and socially too. We're setting bold, climate change-related goals, and if everybody works together we can do it. ”



**Jonathan Nunn**

Leader of West Northamptonshire Council



**UK:100**



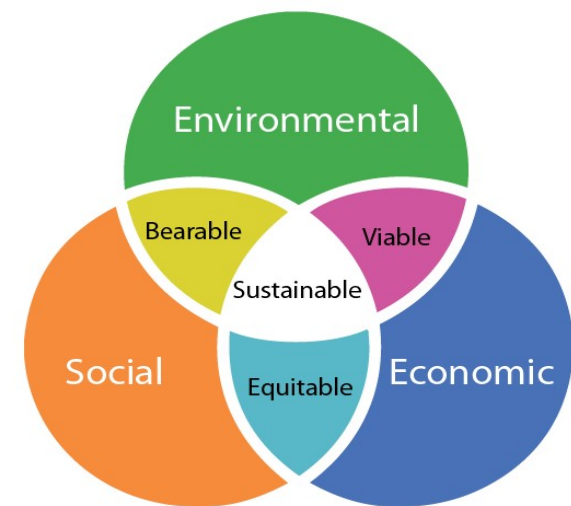
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# Sustainability

**“Meeting the needs of the present without compromising the ability of future generations to meet their own needs.”**

United Nations Brundtland Commission 1987

Sustainability is not just about climate change, it covers environmental, social and economic factors which together form the three pillars of sustainability. Many of the issues we face personally, and within our communities, fall into these three categories.



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# Framework for Sustainability

- The Council needed a **structured framework** for sustainability which would provide focus and against which, we could measure achievements
- Looked at best practice, nationally and at a local level, the University of Northampton being a good local example
- The decision was taken to use the **United Nations Sustainable Development Goals (SDGs)** as a framework for sustainability
- The current set of SDGs were adopted by the UN in September 2015 and will be due for review in 2030
- The UK Government is committed to delivery of the SDGs, and publishes a Voluntary National Review to report on progress, [UK Gov UN SDGs](#)



# UN Sustainable Development Goals

The current UN SDGs includes 17 Sustainable Development Goals (SDGs) along with 169 associated targets.

Work was undertaken to map the SDGs against current WNC priorities and activities.



# Mapping

UN Sustainability Goals	WNC Corporate Plan	Transformation Plan outcomes	Corp Ref:	WNC Metrics (Number / Rates / Financial)	UN sustainability Targets
	<b>Priority 2 – Improved Life Chances (Health, Social Care &amp; Families)</b>	<b>Our Living your Best Life Programme</b>			
1 - No Poverty	Healthy, safe and protected Children	Increased aspirations for all our children and young people	2.1a	Percentage of all referrals with a decision within 2 working days	<b>1.1, 1.2, 1.3, 1.4,</b>
2 - End Hunger	Increased aspirations in young people	Excellent Education for all	2.1b	Percentage of referrals with a previous referral within 12 months	<b>2.1</b>
3 - Good Health and Wellbeing	Investment in new schools & provision	Children and young people are safeguarded from abuse and neglect	2.1c	Percentage of Single Assessments authorised within 45 days	<b>3.2, 3.4, 3.5</b>
4 - Quality Education	Adults supported to live independently	Young people are not exposed to criminality and feel safe	2.1d	Percentage of children that became the subject of a Child Protection Plan for the second or subsequent time	<b>4.1, 4.2, 4.3, 4.4, 4.5,</b>
8 - Decent Work and Economic Growth	Care provided for those that need it	People remain independent for longer in their own homes	2.1e	Percentage of children in care who were placed for adoption within 12 months of an agency decision that they should be adopted	<b>8.6</b>
	Reduced hospital stays and delays	Support is available to help people live healthy lives	2.2	Progress 8 Score	
	Joined up and local services with health	Health and Social Care services will be better joined up	2.3	Percentage of children achieving grade 9-4 in English & Maths (Previously A*-C)	
	Safe and secure accommodation for all	People feel connected and involved in their communities	2.9	Proportion of young people (aged 16-18) who are not in employment, education or training (NEET)	
		Vulnerable adults are supported to be safe	2.4	Proportion of people using social care who receive self-directed support	



# Working Group

- The group is made up of:
  - Six elected members – Cllr J Harris, Cllr C Morgan, Cllr J Duffy, Cllr E Roberts, Cllr F Cole, Cllr R Humphreys
  - The leader – Cllr J Nunn
  - Assistant chief exec – R Peck
- The group has been meeting every 2 months and have been involved at all stages of the work to set the direction of the sustainability project





# Strategy

- The strategy was launched on the 28th March 2022 and is intended to deliver sustainability across West Northamptonshire
- Well received by stakeholders and external organisations
- Has generated ongoing engagement with local groups, parish councils and individuals
- In conjunction with the strategy the Council announced three Foundation Pledges;
  - **Net Zero own emissions by 2030 and those of residents and businesses by 2045.**
  - **Take a community leadership role for Sustainability in West Northants.**
  - **Ensure all our Council strategies and policies are aligned to and contribute to the delivery of the UN SDGs.**



# Workplan

- Through a consultation exercise with members we developed a draft workplan
- No suggestion off the table, this was to ensure proposals were ambitious
- We looked at best practice including other authorities, the Friends of the Earth climate action plan, and public sector organisations
- Proposals were categorised into service areas
- The workplan will be mapped against the UN SDGs

# Net Zero

- **Net Zero** means cutting greenhouse gas emissions to as close to zero as possible
- Greenhouse gases that cannot be eliminated are **offset by forestry or technologies** that remove these emissions from the atmosphere
- WNC will account and report on key greenhouse gases – carbon dioxide (CO<sub>2</sub>), methane (CH<sub>4</sub>), nitrous oxide (N<sub>2</sub>O), hydrofluorocarbons (HFCs), perfluorocarbons (PCFs), sulphur hexafluoride (SF<sub>6</sub>) and nitrogen trifluoride (NF<sub>3</sub>), expressed as **CO<sub>2</sub>e**
- **Carbon dioxide (CO<sub>2</sub>) is the primary greenhouse gas** produced by human activity such as from the energy supply system, burning of fuels in homes and businesses; use of fuels in the transport system; agriculture; industrial processes, waste management and land use

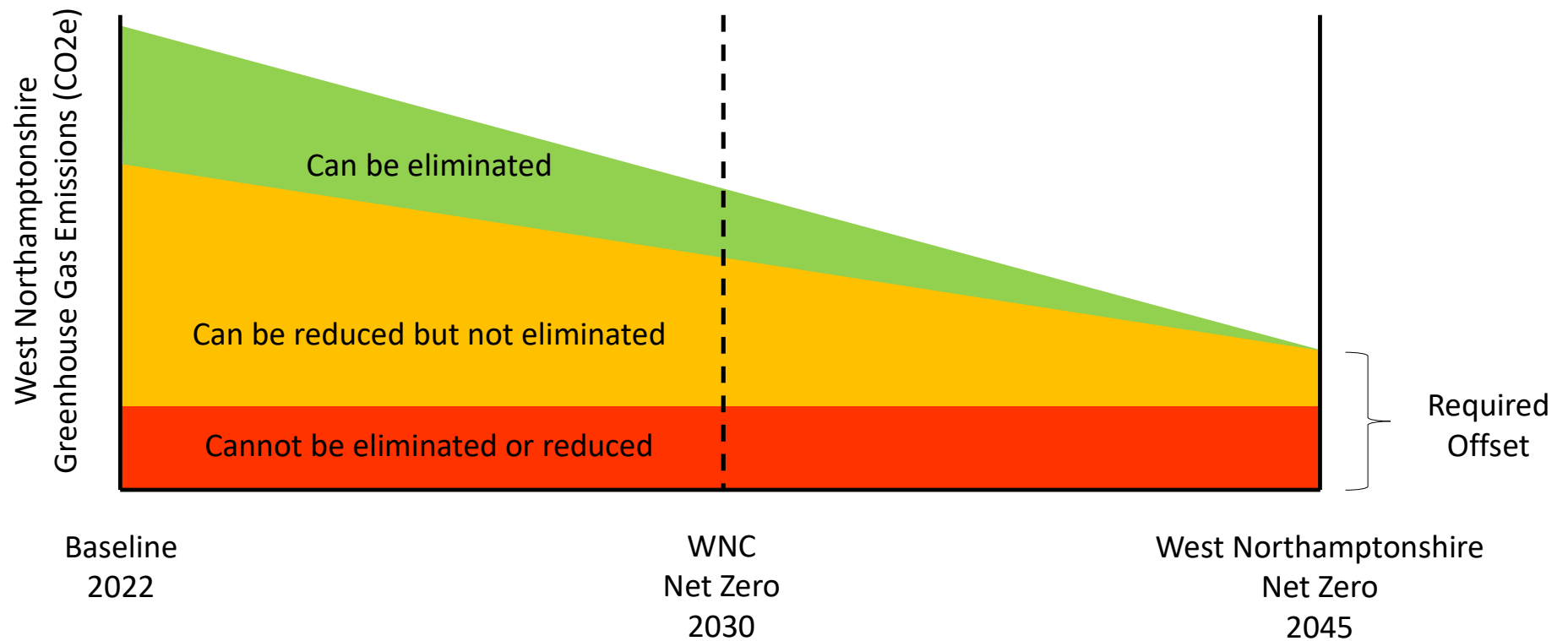


# Drivers

- Achievement of Net Zero is a core deliverable of the **West Northamptonshire Council Sustainability Strategy**
  - **West Northamptonshire Council to be Net Zero by 2030** and
  - **West Northants residents and businesses to be Net Zero by 2045**
- West Northamptonshire Council has signed the **UK100 Net Zero Pledge** as a foundation of its Sustainability Strategy
- Progress towards Net Zero will generate **economic, social and environmental benefits** for residents of and visitors to West Northamptonshire
- Net Zero contributes to **UN Sustainable Development Goal 13: Take Urgent Action to Combat Climate Change and Its Impacts**
- The Climate Change Act 2008 requires the **UK to be Net Zero by 2050**



# West Northamptonshire Net Zero 2045



# Draft Summary Emissions Data

Scope	Emissions Type	Emissions (tCO <sub>2</sub> e)
Scope 1	Heating	4,615.71
	Fugitive Emissions	4,091.68
	Authority's Fleet	764.83
Scope 2	Electricity	3,902.74
Scope 3	Staff Business Travel	252.63
	Staff Commuting	926.73
	T & D Losses	345.37
	Water	18.86
	Material Use	18.21
	Waste generated from own operations	2.46



# Planning for Net Zero

- Establishment of a **West Northamptonshire Net Zero Programme:**
  - West Northamptonshire Council Net Zero by 2030
  - West Northamptonshire Net Zero by 2045
- **Work in progress:**
  - Setting up programme governance
  - Baselining WNC emissions; constructing a pipeline of WNC Net Zero activity; beginning to identify offsetting requirements
  - Designing and building a Net Zero monitoring and reporting framework



# Good for the Economy

- The global **catalytic converter** market was estimated to be worth £12 million in 2021, and it is expected to reach £24 million revenue by 2030, advancing at a **compound annual growth rate of 8.0% during 2021–2030**. This market development has been primarily driven through stringent **mandated tailpipe emissions standards**
- By increasing the **charge for plastic bags to 10p** the Government's scheme is expected to **benefit the UK by**
  - an expected overall benefit of over £331 million to the UK economy
  - an overall reduction of 21% in the number of carrier bags supplied across all bag types (single-use carrier bags, bags for life, paper bags, cotton tote bags and bin liners)
  - reduce the number of single-use carrier bags issued by small and medium retailers by 80%

Source UK100



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# Emissions Report

- Intended for public release
- Developing a comms plan to ensure release of the report is well supported
- Intended to show evidence of transparency
- Peer review, with partners such as NPH, NHS
- Intention to inform stakeholders such as CA-WN in advance of the publication

# Home Energy

- Inefficient housing
  - Excess carbon emissions
  - Fuel poverty
  - Exacerbate health conditions
- Government funding schemes
  - Sustainable Warmth
  - ECO4 flex
  - HUG2
- Targeting
  - Low income
  - Vulnerable to cold
  - Least efficient housing



# Sustainable Warmth

- Available now!
- Sustainable warmth
  - Home Upgrade Grant (HUG)
  - Local Authority Delivery Phase 3 (LAD3)
- Delivery deadline 31st March 2023
- Eligibility for sustainable warmth
- What is the funding for?
- How to access



# ECO 4 flex

- Available now!
- Energy company obligation (ECO)
- ECO flex
- Running until 31st March 2026
- Eligibility for ECO 4 flex
- What is the funding for?
- How it works
- NEF agreement

# HUG 2 Funding

- Not available yet!
- Home Upgrade Grant (HUG) 2
- Consortium bid
- Delivery from 1st April 2023 and 31st March 2025
- Off-gas homes
- What is funding for?



# Questions

Thank you for your time.

Contact Details.

WNC sustainability website - [Sustainable West Northants | West Northamptonshire Council](#)

WNC energy efficiency pages - [ECO4 flex energy efficiency scheme | West Northamptonshire Council \(westnorthants.gov.uk\)](#)

[Energy efficiency grants | West Northamptonshire Council \(westnorthants.gov.uk\)](#)



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