



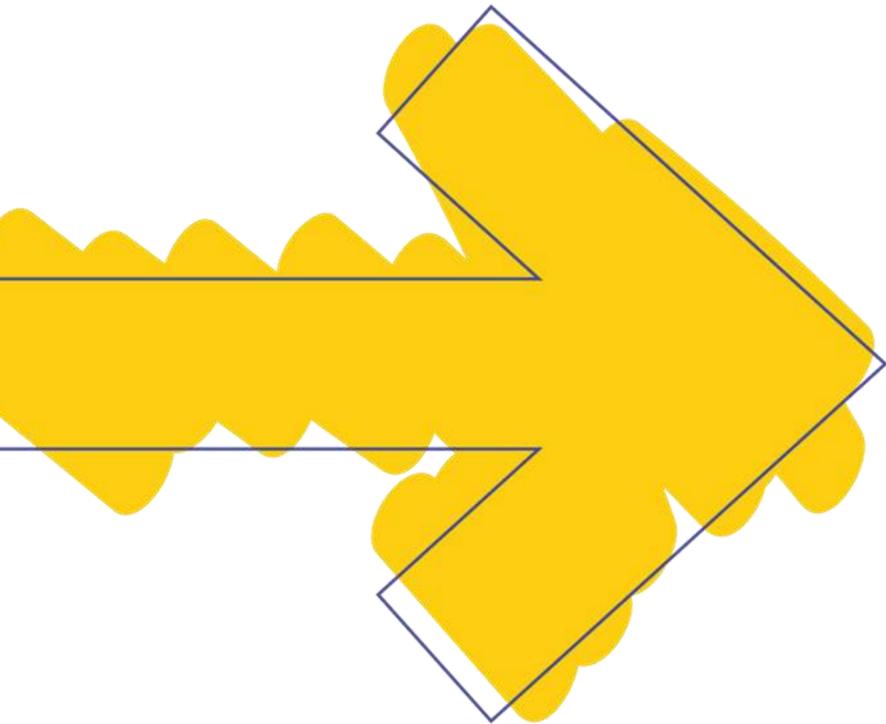
# Welcome Westminster Citizens' Climate Assembly

Day 2 (25<sup>th</sup> June)



City of Westminster

# WESTMINSTER CITIZENS' CLIMATE ASSEMBLY



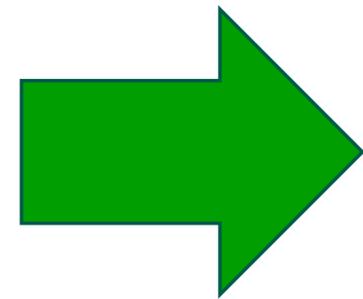
The climate assembly is a group of 51 residents from Westminster City who have been invited and selected to take part in a process of **learning** together, **discussing** together and jointly **deciding** some recommendations that answer this question:

**How can we overcome the main barriers to Westminster becoming a net zero city by 2040 together?**

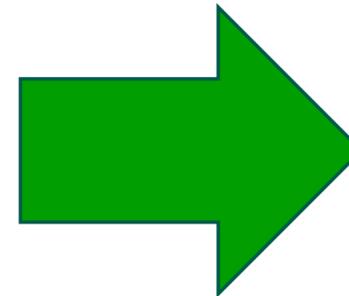
**How do we ensure this is delivered in the fairest way?**



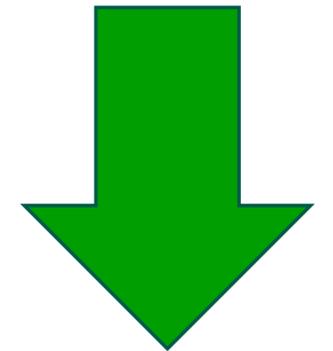
# WHAT WILL WE BE DOING?



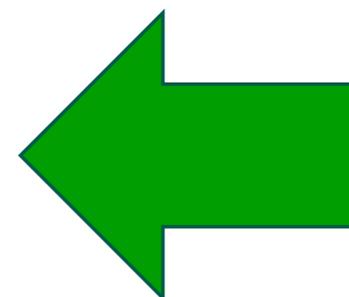
**DAY 1**  
Getting to know each other,  
thinking critically and digging  
into the question



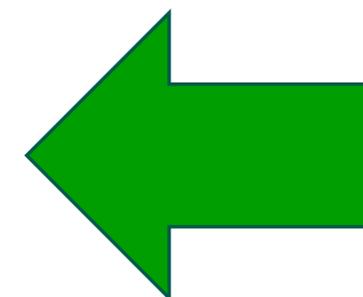
**DAY 2**  
Exploring fairness and the  
root causes of some barriers.  
Starting to think about a  
vision



**DAY 3**  
Creating ideas and solutions  
for testing with a range of  
people



**DAY 4**  
Moving from  
tested ideas to final  
recommendations



# OUR WAYS OF WORKING

- Firstly, this is new
- Learning and asking questions
- Informal and relaxed
- We want to share what we are doing – video/photos
- But not our discussions

- Its ok to need some time out
- Quiet room and prayer room
- We will make sure we start on time, and finish on time
- Set breaks but do take a comfort break as needed

- Agree to disagree, address the point not the person
- Be open to change
- Respect people's different experiences
- Step forward and step back



# OUR WAYS OF WORKING

Communication

Collaboration

Remembering the inequality in Westminster

Stay on topic

Attitude

Curiosity





# Activity Hello



# Climate change, equity and fairness

**Dr Neil Jennings** – Partnership Development Manager, Grantham Institute,  
Imperial College London



# Key questions

*“How can we overcome the main barriers to Westminster becoming a net zero city by 2040 **together**? How do we ensure this is delivered in the **fairest way**?”*

- Who is involved when we say ‘together’
- How can we ensure fairness?

# Who is involved when we say 'together'?

- Everyone, but...
  - Climate change is disproportionately caused by the most affluent in society
  - The impacts of climate change (e.g. floods) disproportionately affect the poorest in society



## Pakistan flooding: Millions still homeless, says aid volunteer

30 December 2022



HUMAN APPEAL

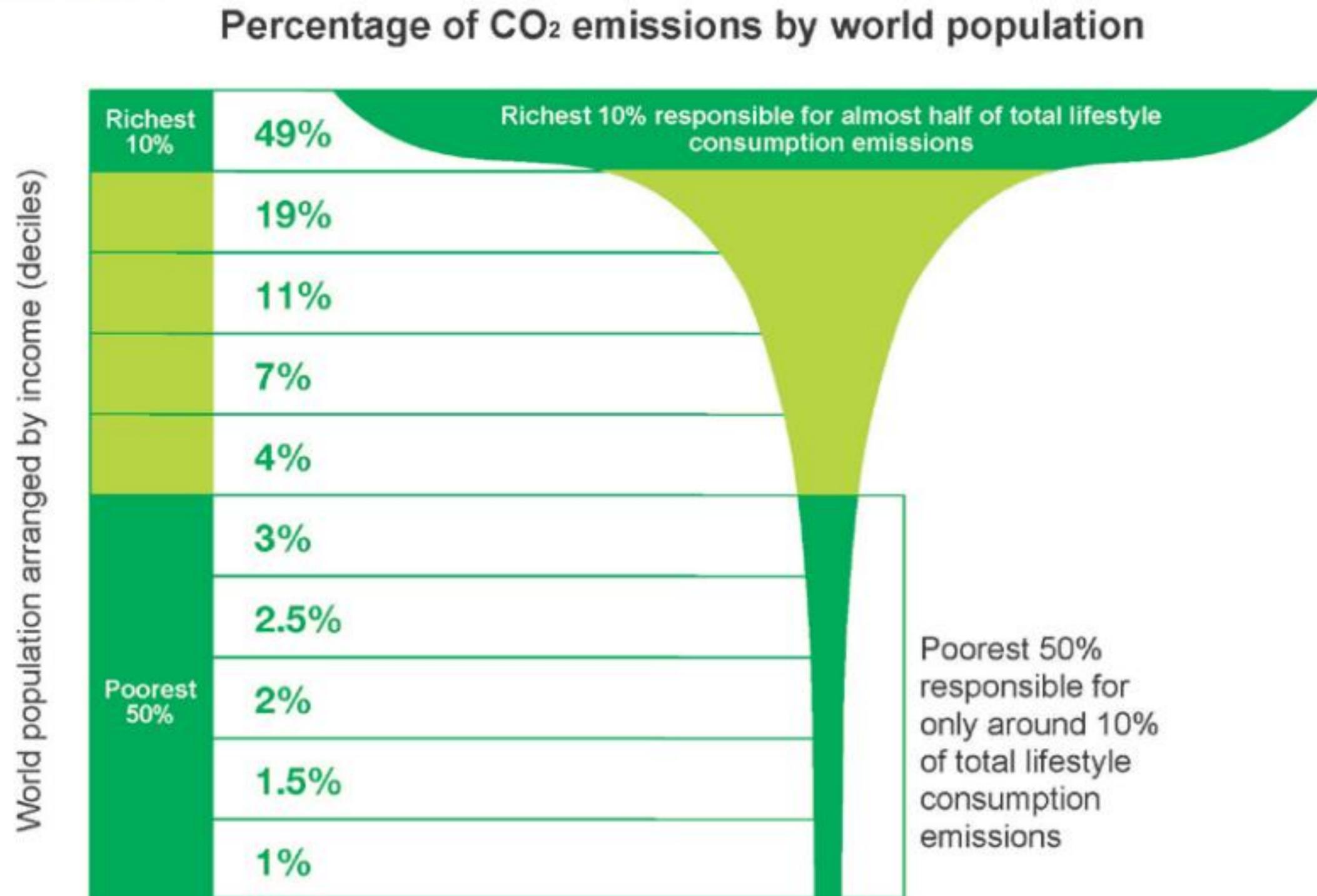
Millions of people are still homeless and facing displacement after severe flooding in Pakistan

# Inequity in source of emissions

'Extreme carbon inequality' report, Oxfam 2015

[https://www-cdn.oxfam.org/s3fs-public/file\\_attachments/mb-extreme-carbon-inequality-021215-en.pdf](https://www-cdn.oxfam.org/s3fs-public/file_attachments/mb-extreme-carbon-inequality-021215-en.pdf)

Figure 1: Global income deciles and associated lifestyle consumption emissions

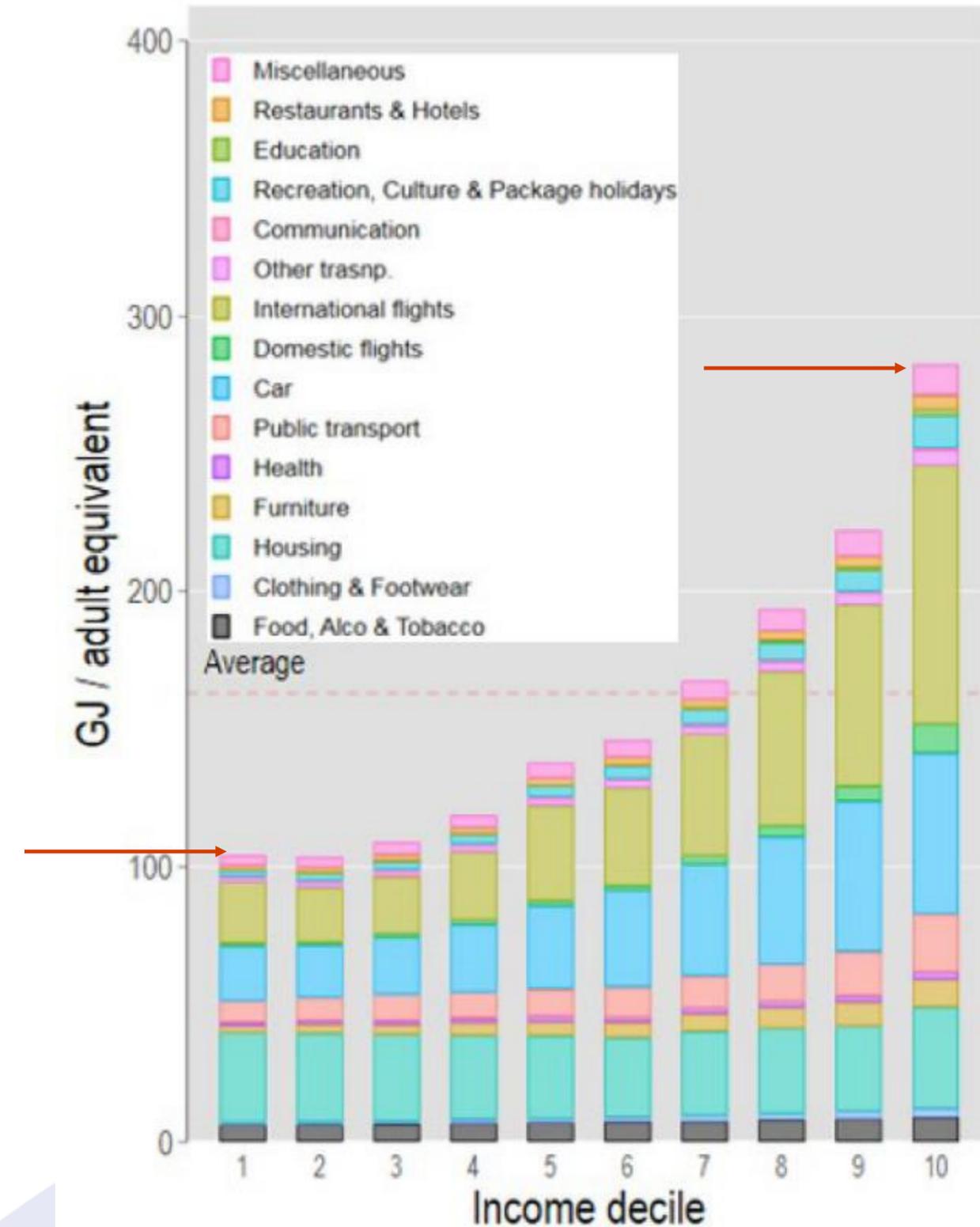


Source: Oxfam

# Who is involved when we say 'together'?

The richest 10% of the UK population are responsible for almost 3 times the energy footprint of the poorest 10%

**Source:** Baltruszewicz et al. Social outcomes of energy use in the United Kingdom: Household energy footprints and their links to well-being. *Ecological Economics*, 205 (2023).  
<https://doi.org/10.1016/j.ecolecon.2022.107686>

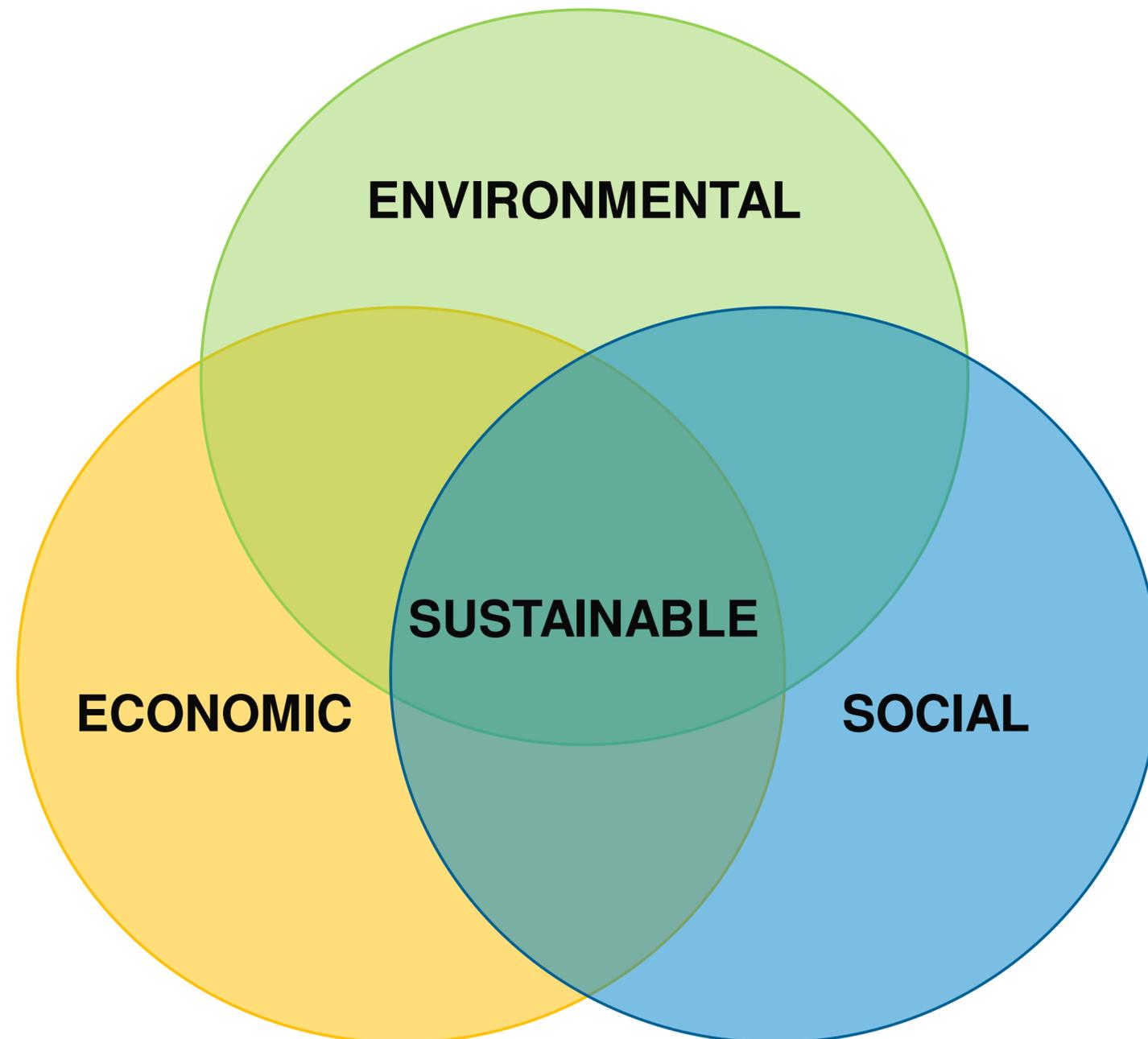


# Who is involved when we say 'together'?

- Everyone, but...

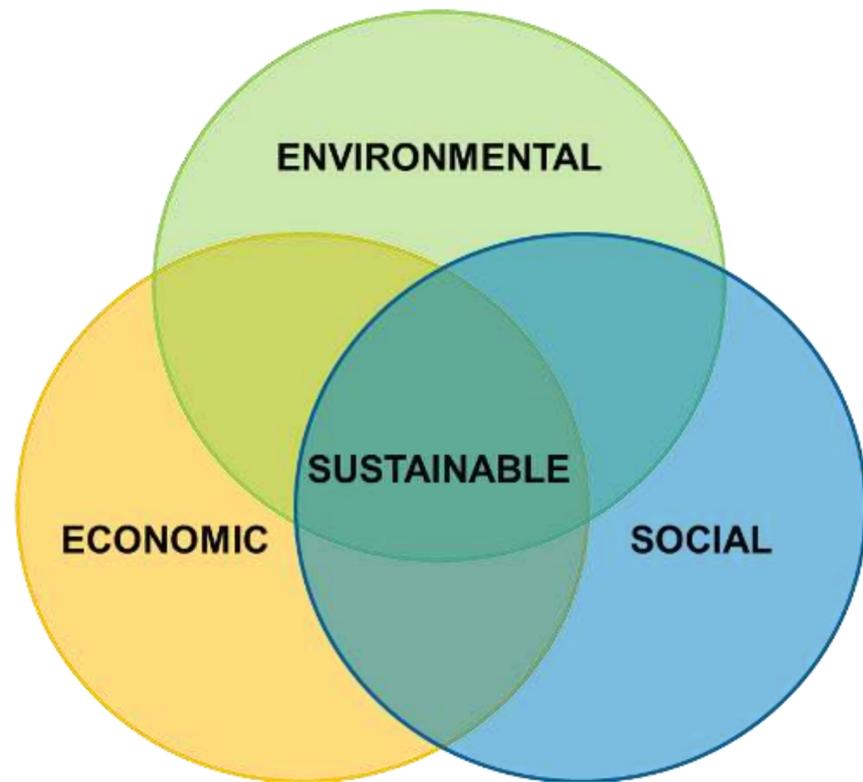
**it's only fair that some do more to reduce  
emissions than others**

# The 3 dimensions of sustainability



- Consider all three dimensions in any proposal
- Find the sweet spot
- Think about knock-on effects and connections between different issues
- Sustainable = fair

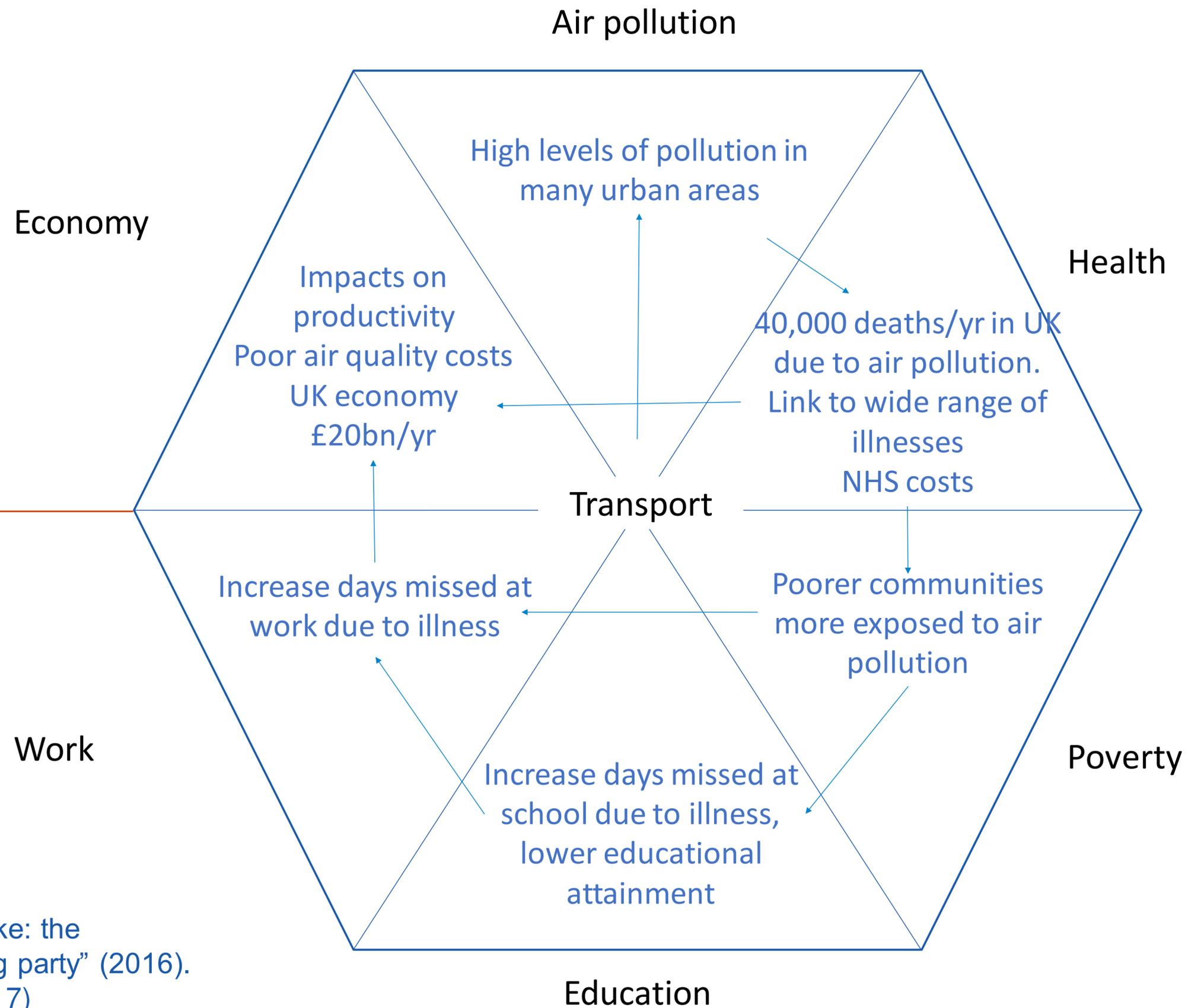
# Air pollution



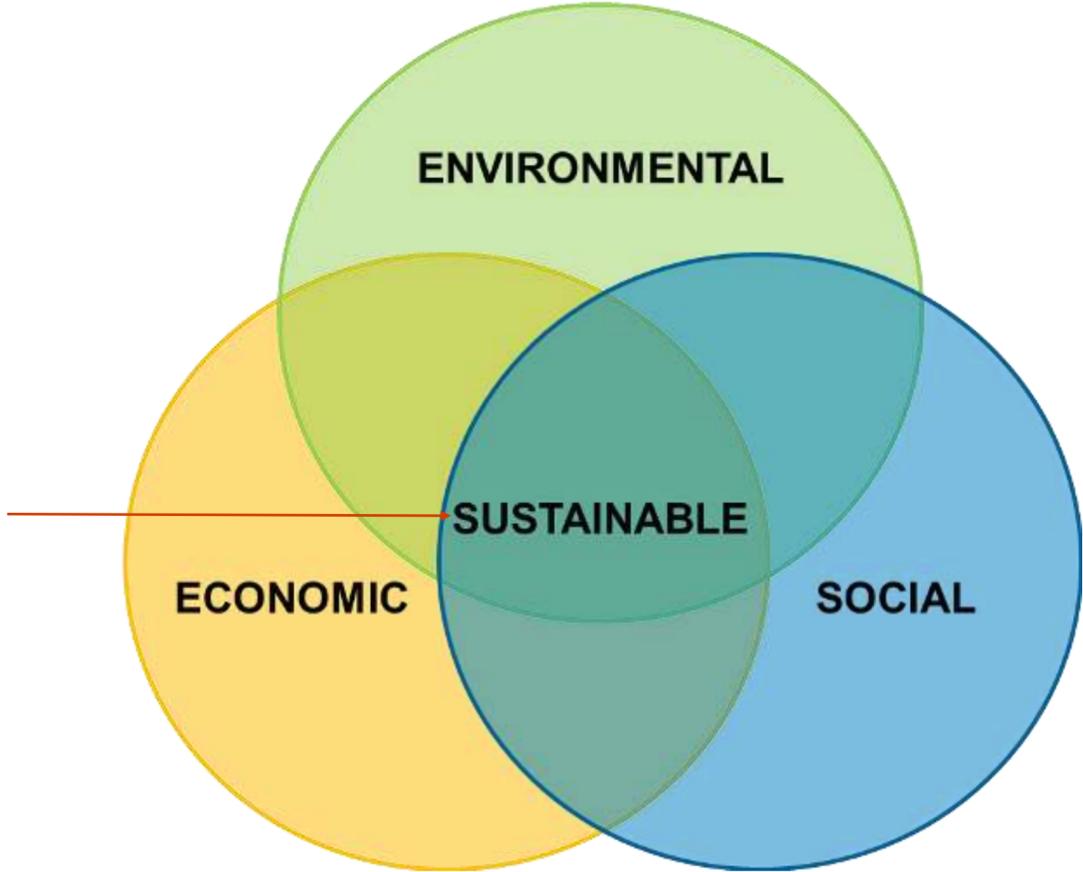
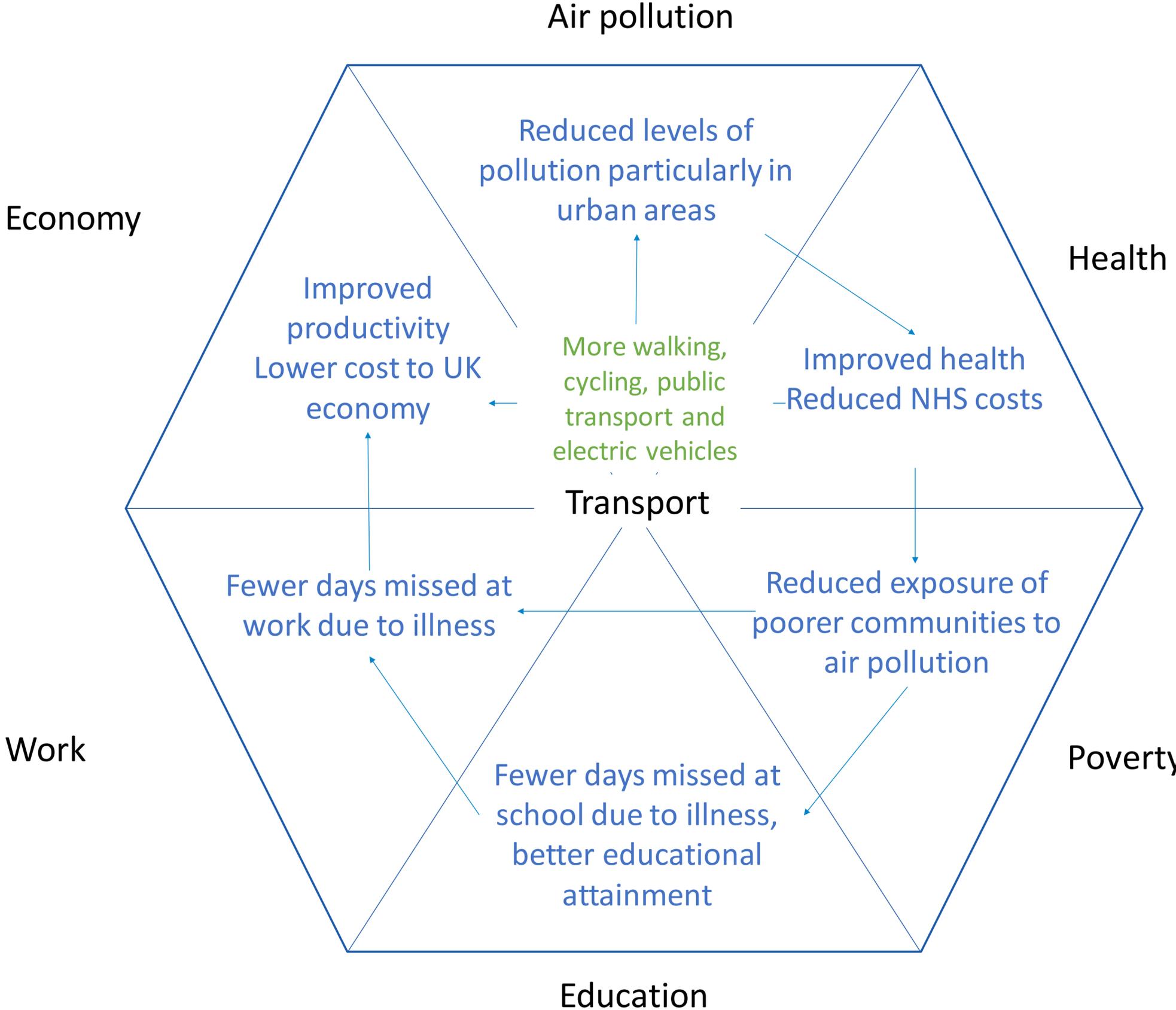
Current situation is bad for all dimensions of sustainability

## Sources:

Royal College of Physicians, "Every breath we take: the lifelong impact of air pollution. Report of a working party" (2016).  
The Association of Directors of Public Health (2017)



# Air pollution





# Thanks

[neil.jennings@imperial.ac.uk](mailto:neil.jennings@imperial.ac.uk)

 [@NeilRJennings](https://twitter.com/NeilRJennings)



# Young people in Westminster

**Myra Soni** - Member of Youth Parliament (MYP) for Westminster





**BREAK**

A group of people are seated around a dark table in a meeting or workshop. The table is cluttered with various items: several clear glass water bottles, a brown paper coffee cup, papers, sticky notes, and a calculator. In the foreground, a person's hand is visible, holding a purple pen over a document. The background shows other participants, some looking at their phones or papers. A large white rectangular box with a black border is centered over the image, containing the text 'Activity Delivering in the fairest way' in a bold, dark teal font.

# Activity Delivering in the fairest way

A group of people are seated around a dark table in a meeting or workshop. The table is cluttered with various items: several clear glass bottles of water, some with the 'REGIS' logo; several brown paper coffee cups; stacks of papers, some with charts and graphs; and numerous colorful sticky notes (yellow, blue, orange). One person in the foreground is wearing glasses and has their hand near their face. Another person in the background is writing in a notebook. The overall atmosphere is one of active collaboration and discussion.

# Activity Root causes

# Hearing from the room





**LUNCH**



**LUNCH**



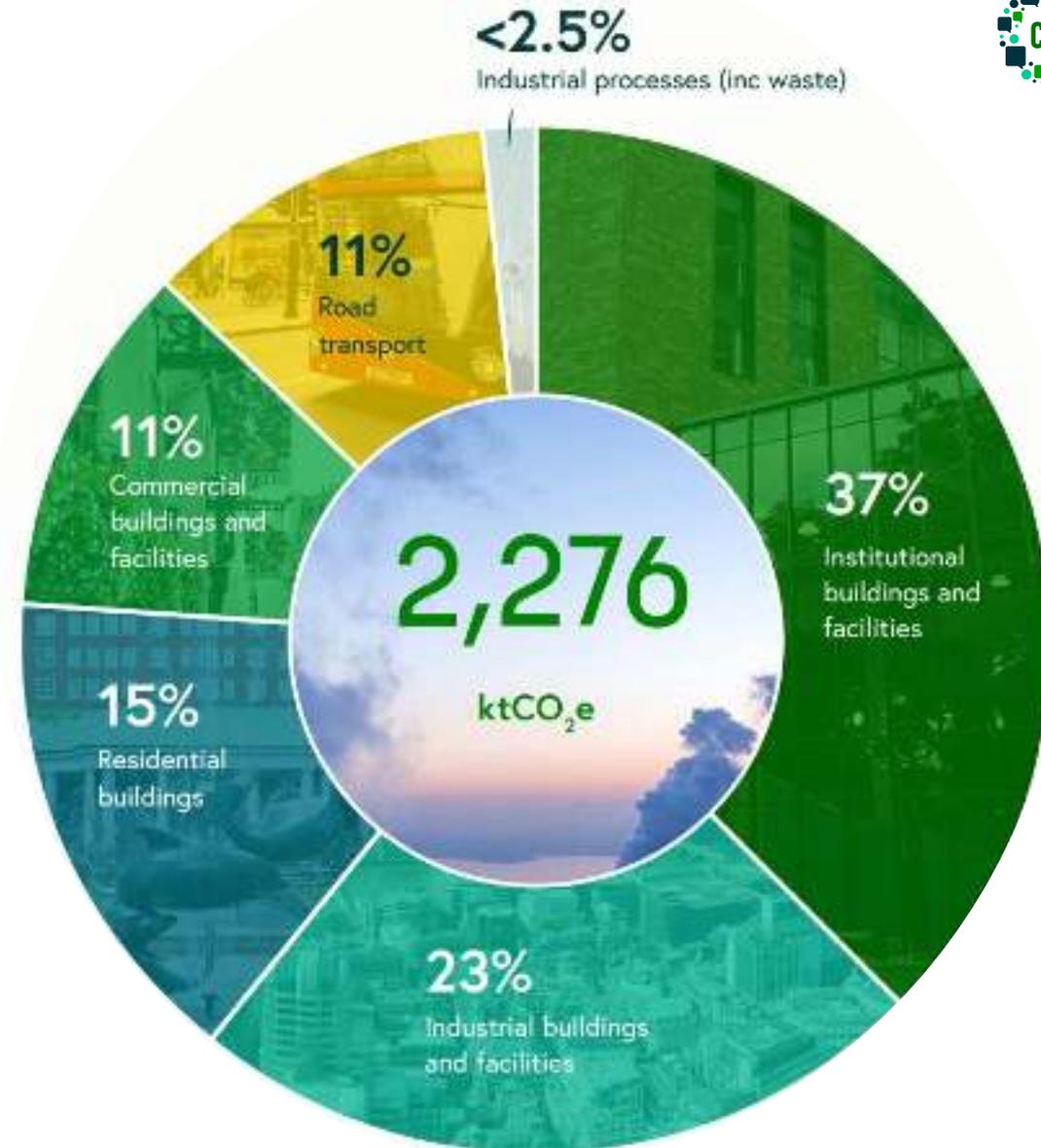
# Pathway to net zero

**Simeran Bachra** - Associate Director, Anthesis



# WESTMINSTER'S EMISSIONS

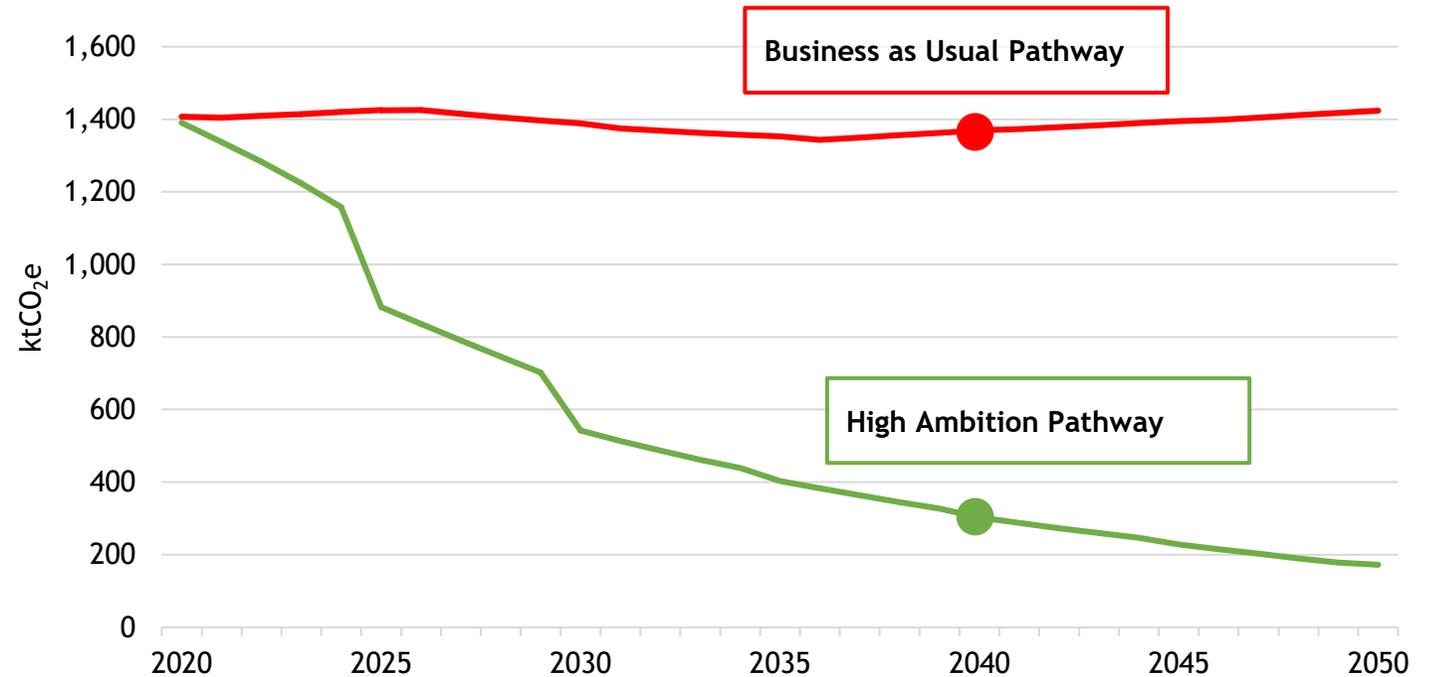
- Westminster has some of the highest carbon emissions for a local authority in the UK, producing over 2 million tonnes in 2017.
- 86% of Westminster's emissions are produced from the energy used in our homes, hospitals, shops, offices, hotels and other buildings.
- This analysis was developed using SCATTER, which is a free emissions reporting tool for UK local authorities, developed by Anthesis and funded by BEIS.



# MEETING WESTMINSTER'S 2040 TARGET

Reviewing carbon reduction pathways helps us to understand the impact of different levels of action and how we can reach net zero by 2040.

By taking a High Ambition Pathway, which considers 30+ interventions, Westminster could cut emissions by 84% by 2040.



# WHAT DOES WESTMINSTER NEED TO DO BY 2040?

## BUILDINGS



28% reduction in energy demand for space heating and hot water



71,900 homes retrofitted



Less demand from lighting and appliances



Increased electrified heating systems



Less gas cooking

## WASTE



40% less waste



64% recycling rate

## TRANSPORT



25% reduction in total distance travelled



Increase active travel and public transport travel



Less freight miles & increased efficiency



94% of cars are electric or hybrid

## RENEWABLE ENERGY



406.7MW of local renewables installed

## GREEN SPACE



Increase tree coverage to 6.7% of total land area and improve land management



# HOW FAR DOES THAT GET US?



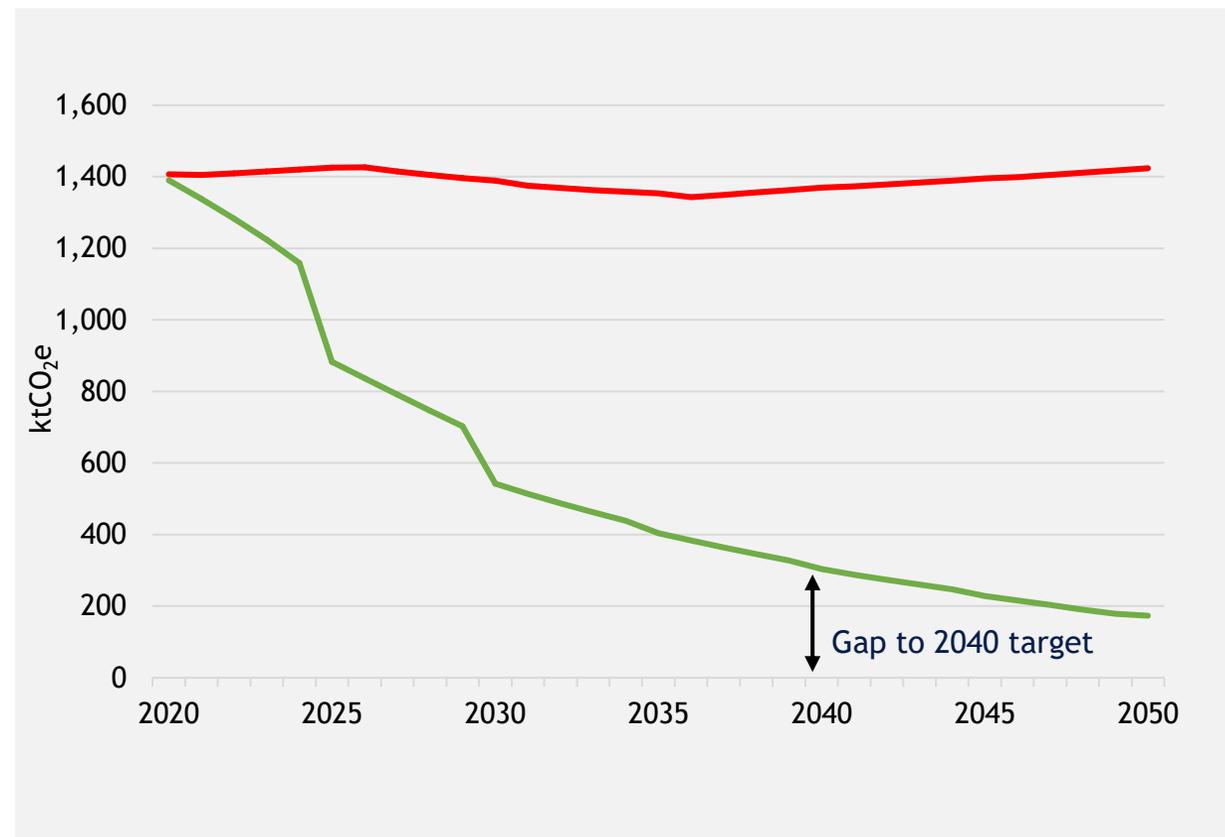
The changes required within Westminster to achieve even an 84% reduction in emissions by 2040 requires significant activity across almost every area of Westminster. Using the pathway still leaves a gap to reaching net zero by 2040.



Additional shifts in behaviours and technology to accelerate the speed and scale of implementation will be needed to meet the 2040 timeline.



Everyone in society will need to play their part, collaborate, and advocate for change.





# Pathway to net zero

Justin Etherington - Associate Director, Buro Happold



# Sustainable Cities

What could the future City of Westminster look like?

Document number here

**25 June 2023**

# Introduction

- Energy Consultant
- Chartered Engineer
- Focused on Urban development and net zero transition



# Buro Happold a Westminster based business

We are a world-class global practice of engineers, designers and advisers. We create transformative outcomes for clients and communities through integrated thinking and a truly interdisciplinary, interconnected community of passionate experts.

Long-term Buro Happold operational decarbonisation goal set, to achieve

**NET ZERO**

by 2045

Reduce embodied carbon intensity of all new buildings, major retrofits and infrastructure projects

**50%**

By 2030 from 2020 baseline

Design all new build projects to be

**NET ZERO CARBON**

in operation by

**2030**

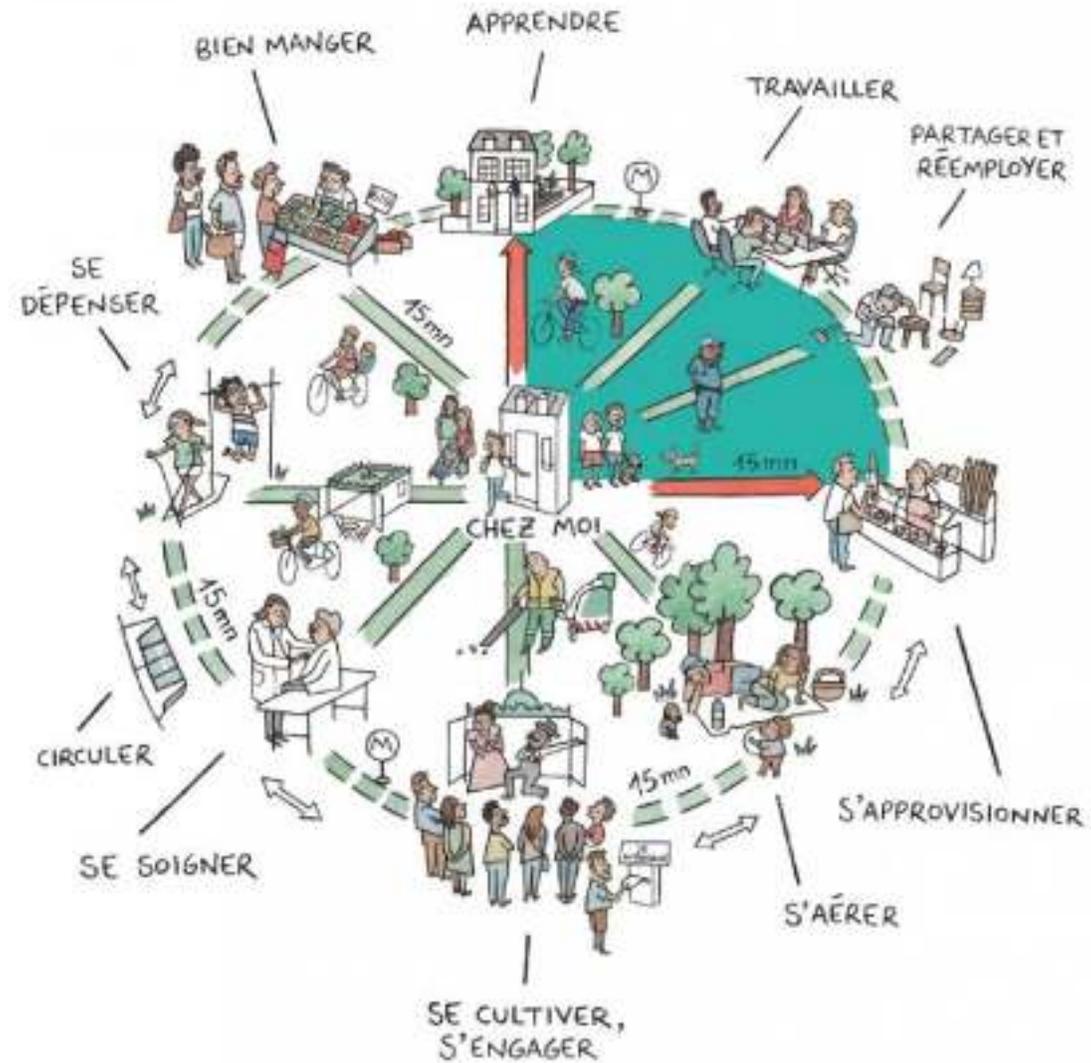


**Imagine what your City could be...**



Imagine if we could  
access everything you  
need in 15 minutes

LE PARIS DU 1/4 HEURE





# Imagine if we made space for nature

- IGNITION - Greater Manchester Combined Authority  
([greatermanchester-ca.gov.uk](http://greatermanchester-ca.gov.uk))
- Green walls
- Green roofs
- Sustainable Drainage



Khoo Teck Puat, singapore

# Imagine if we prioritised adaptive reuse and retrofit



**34 Weymouth Street**  
**Howard de Walden Estate**

## Use

Residential

## Typology

Early 1900s/ Edwardian

## Heritage status

Grade II listed, Harley Street conservation area

## Key measures

Upgrading insulation to external walls; air source heat pumps; whole house ventilation

## Carbon savings

Seeks to reduce operational carbon emissions by up to 94% through improved fabric performance and low carbon technologies

# Imagine if every home was Net Zero and resilient



*Westminster City Council has opened the doors to a retrofitted show home, a one-bedroom terraced flat in Queen's Park, to encourage residents to make their home more energy efficient.*

*Improvements made to the show home include:*

- *Internal wall and underfloor **insulation***
- ***Thermally efficient** windows and doors*
- *Replacing the gas boiler with an energy-efficient **air source heat pump***
- *Changing the gas cooker to an **electric hob**, eliminating gas use at the property*
- *Powering the home by **solar panels** on the roof with battery storage.*

New energy-efficient show home unveiled to help reduce energy bills and carbon emissions | Westminster City Council

# Imagine if every building was utilised year round and embodied hypermixity

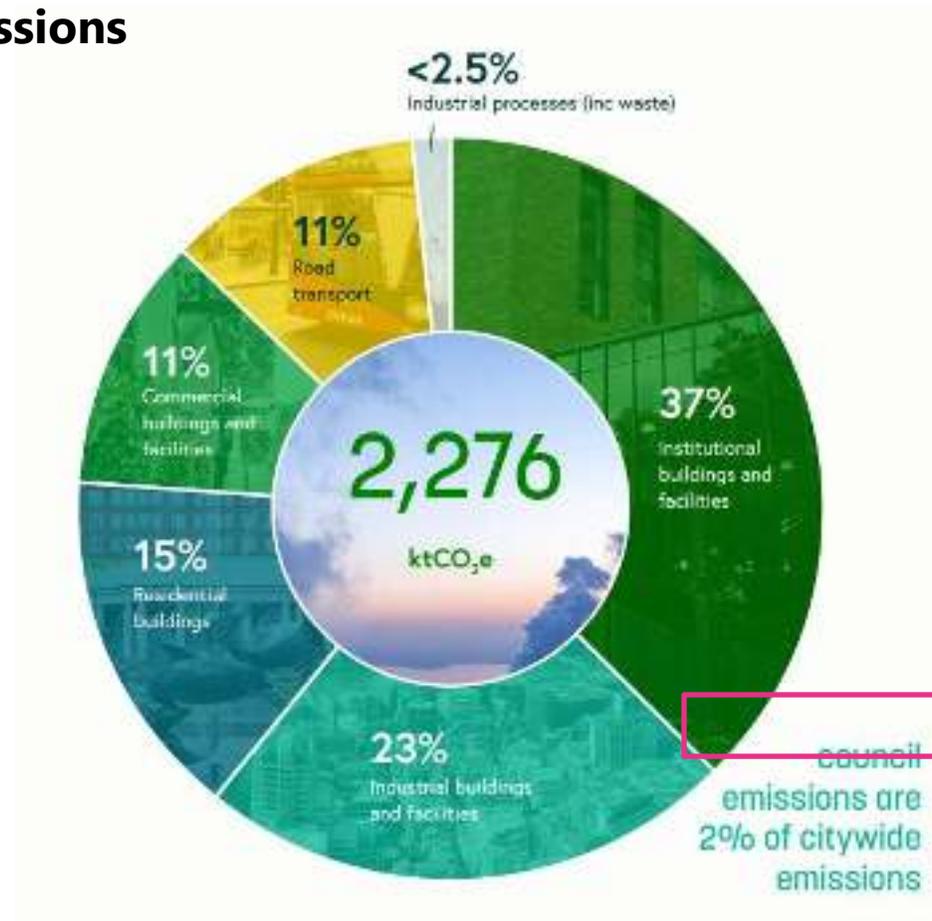




# **What are the barriers and opportunities in delivering net zero?**

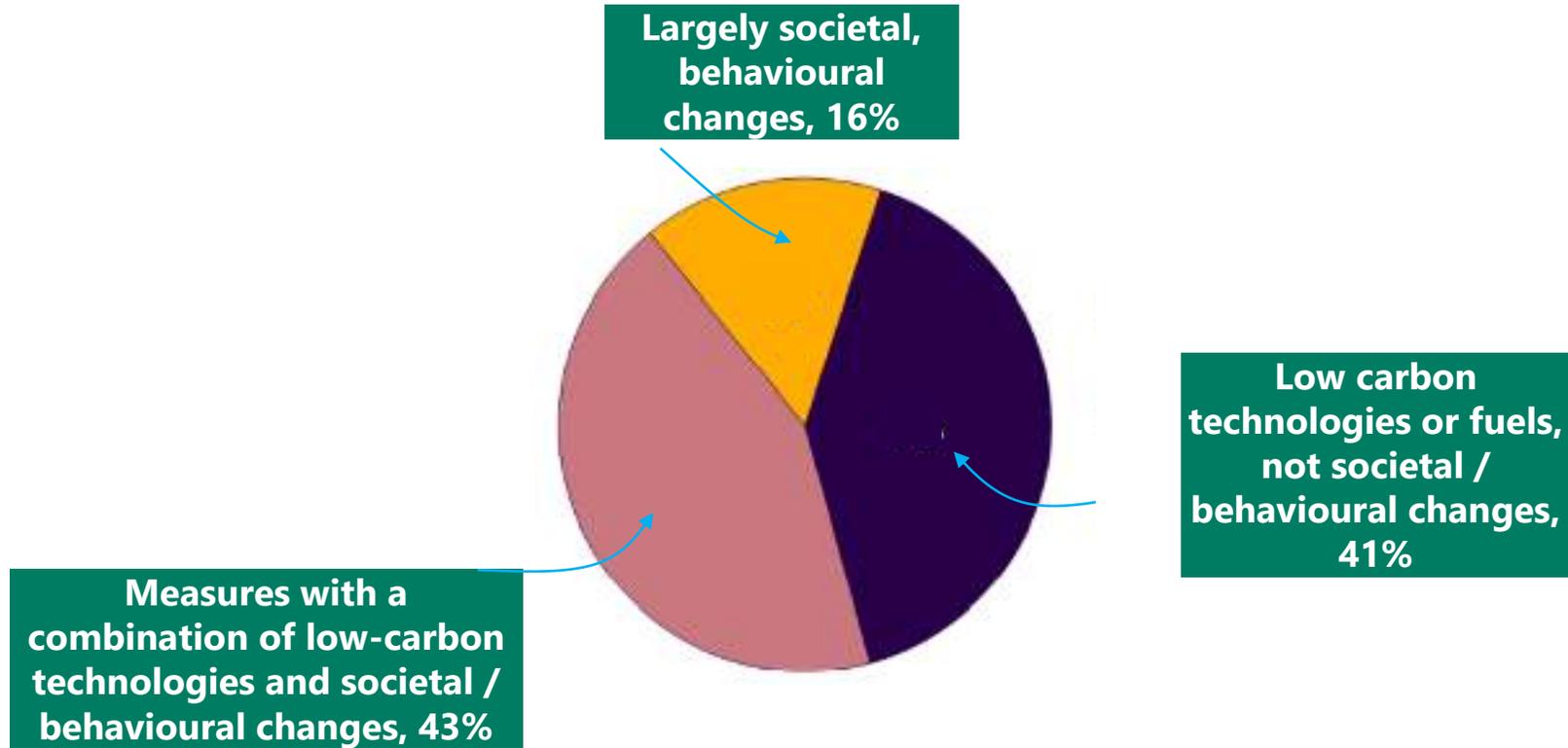
# Who's responsible and what are the challenges

## City of Westminster emissions



Source: Westminster Climate Action Plan

# But bold and collective action is required



**Role of societal and behavioural change is over 50% of the savings**

Source: CCC Sixth Carbon Budget Report

# Pillars of decarbonisation – system thinking



## Mobility Electrification

- Switch to Electric Vehicles
- Challenge around sufficient capacity and investment



## Investment ahead of demand

- Increase Pace
- Address supply chain issues
- Deliver on "Invest & Connect"



## Pathway for Heat

- Role of heat pumps and hydrogen
- Heat networks and regulation
- Storage



## System Design & Management

- By 2035, 75-80% of electricity supply will likely be sourced from renewables.
- Net Zero System needed and function as whole system

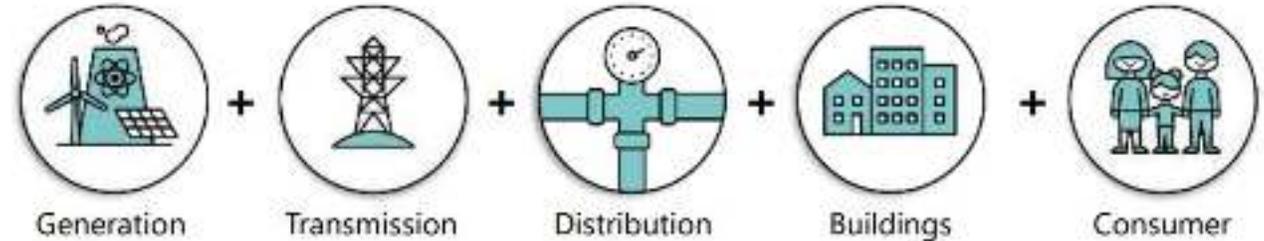


**You need a plan....**

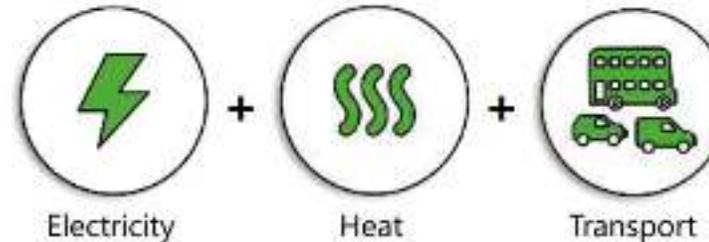
# Westminster Local Area Energy Plan (LAEP)

- A whole energy system approach.
- Recognise that factors require local consideration
- Stakeholder engagement is key – incorporating local knowledge/understanding
- Communication – plan has to be accessible and useable (not just sit on a shelf)
- Outputs include a preferred energy system plan and the strategy and measures to achieve it.

## Joining energy sources and consumers



## Removal of energy silos



## Connecting physical requirements with economic and policy considerations

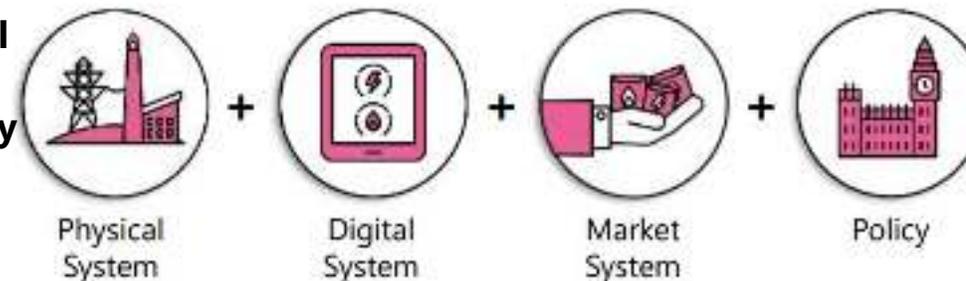
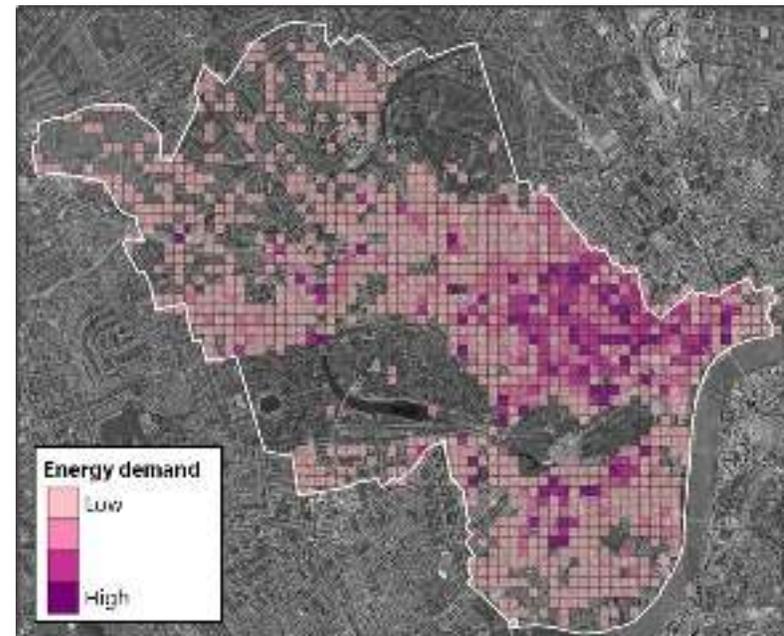
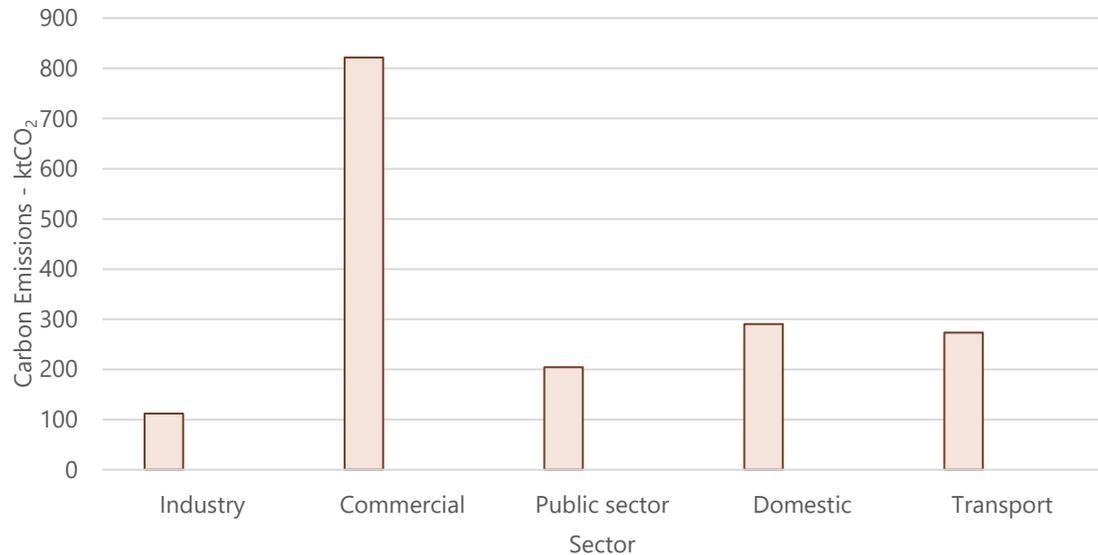


Image from Energy Systems Catapult  
[https://erpuk.org/wp-content/uploads/2019/11/Grant\\_Tuff.pdf](https://erpuk.org/wp-content/uploads/2019/11/Grant_Tuff.pdf)

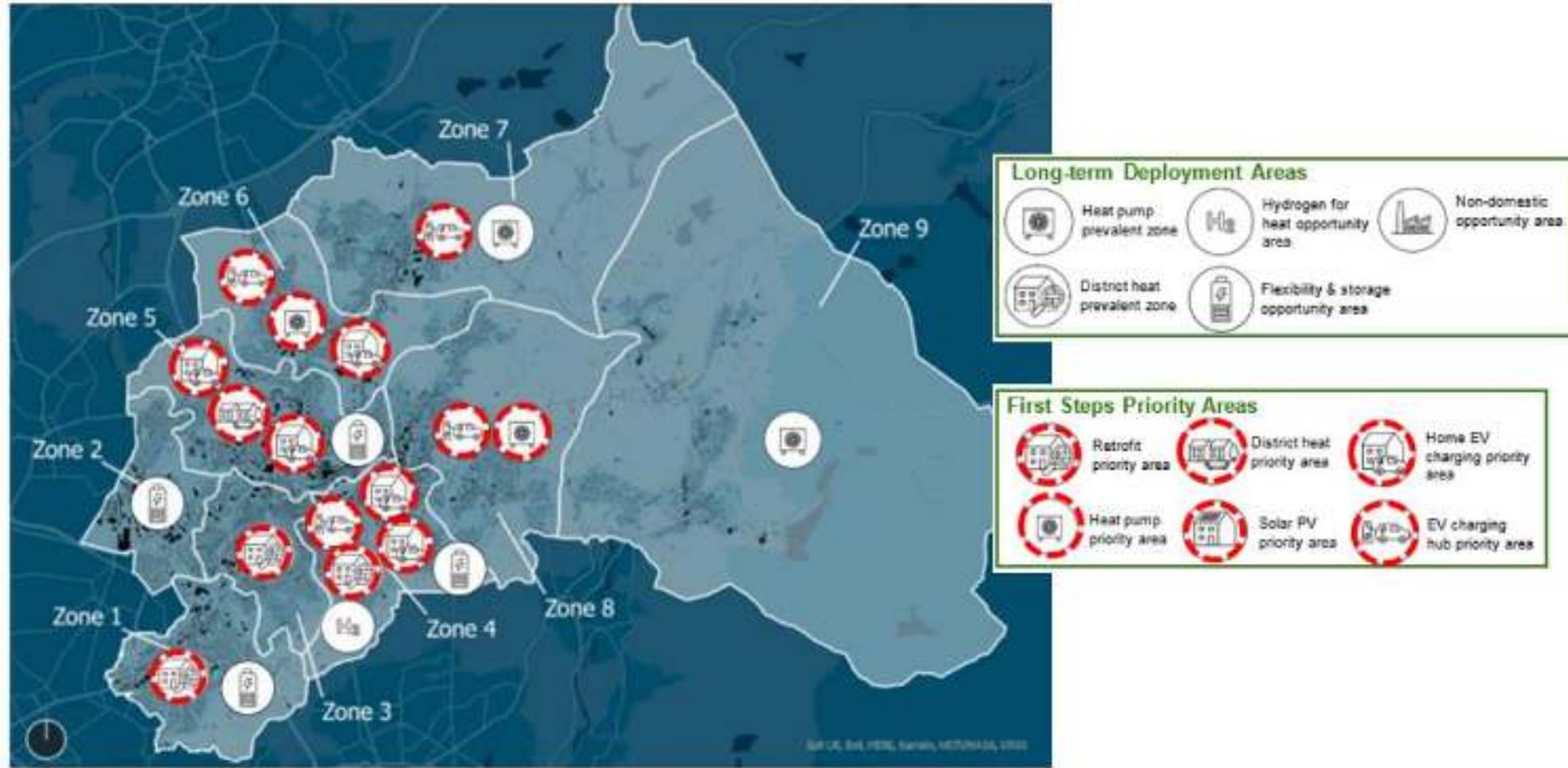
# LAEP - The challenge

- Need to shift away from a fossil fuel based energy system
- Westminster emissions (2019):
  - 6.5 tCO<sub>2</sub> per capita
  - 77.2 ktCO<sub>2</sub>/km<sup>2</sup>
- Only City of London has higher per capita and density of emissions
- Unique challenges in WCC
  - High no. listed / heritage buildings
  - Lots of Non-Domestic spaces



# LAEP – Example outputs

- Taken from Greater Manchester LAEP for Oldham (Source: ESC / Buro Happold)



**BURO HAPPOLD**

**Thank you!**

**Questions?**

**[Justin.etherington@burohappold.com](mailto:Justin.etherington@burohappold.com)**

**[www.burohappold.com](http://www.burohappold.com)**



**REFRESH**



# Learning from others - My Westminster

**Bob Ward** - Policy and Communications Director, Grantham Institute for Climate Change





# Learning from others - My Westminster

**Nicola Rochfort** - Community Engagement Lead, Grosvenor



An aerial photograph of a city, likely London, showing a dense urban landscape with numerous buildings and a large green park area in the center. The text is overlaid on the left side of the image.

Grosvenor's purpose  
is to improve  
properties and places  
to deliver lasting  
commercial, social  
and environmental  
benefit.



# Planet Positive: Environmental Objectives

## Carbon

**52%**

emissions reduction from business operations across all scopes by 2030

## Nature

**20%**

increase in biodiversity on managed green spaces by 2030

## Waste

**Zero**

hazardous waste to landfill from our buildings and developments by 2030

## Partnerships

**All**

Suppliers compliant with our supply chain charter from 2020



# People Positive: Social Impact Objectives

Improving people's wellbeing in the places we make and manage

Helping local economies to thrive by championing inclusive growth and diversity

Maximising the positive impact of our people and partners



# Greener Futures

Supporting access to training and jobs in the green economy

Enabling communities to take climate action

Improving disadvantaged young people's access to nature

Delivered through:

- ✓ Partnerships
- ✓ Volunteering
- ✓ Grants
- ✓ Fundraising



# Ideas to get involved

- Find out more about the Greener Futures grantees and explore relevant projects
- Explore local initiatives you can get involved in and volunteer with
- Check the [Energy Performance Certificate](#) for your home
- Check if your gas boiler is ready to be replaced by low-carbon heating
- See ideas to reduce the carbon impact of renovation in our [Sustainable Fit-Out Guides](#)
- Check your [council waste collection times](#), and [additional waste services](#) such as [food waste recycling](#)
- Explore waste prevention apps such as OLIO and Too Good to Go
- Reduce transport emissions through using your local parcel locker, parcel collection and drop-off points





# Learning from others - My Westminster

**Lawrence Foley** - Recycling Contract Manager , Veolia

**Natalia Nogues Consentini** - Operations Manager, Veolia



# VEOLIA IN WESTMINSTER

## Efficient Buildings



Minimising usage of our buildings through: **Solar panels, LED lighting, motion sensors, efficient monitoring of usage & behaviour change campaigns.**

## Clean & Affordable Energy



Implementing Circular solution innovations such as: **Waste that can't be recycled, powering the collection vehicles & exploring Vehicle to Grid technology.**

## Sustainable Travel & Transport



Reducing the carbon intensity of the fleet through: **Fleet electrification- 80+ vehicles & increasing to 150+ in 2024. Electrification of depots.**

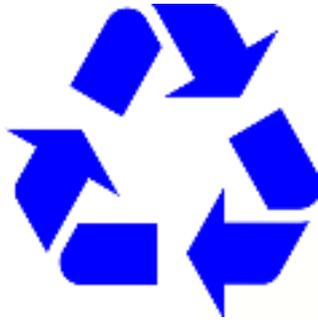
## Green & Resilient City



Supporting improved air quality through: **using eBikes for a Last Mile collection approach & supporting biodiversity through Veolia's orchard scheme & urban farming**



# RECYCLING & WASTE IN WESTMINSTER



recycling  
rate  
**21.7%**

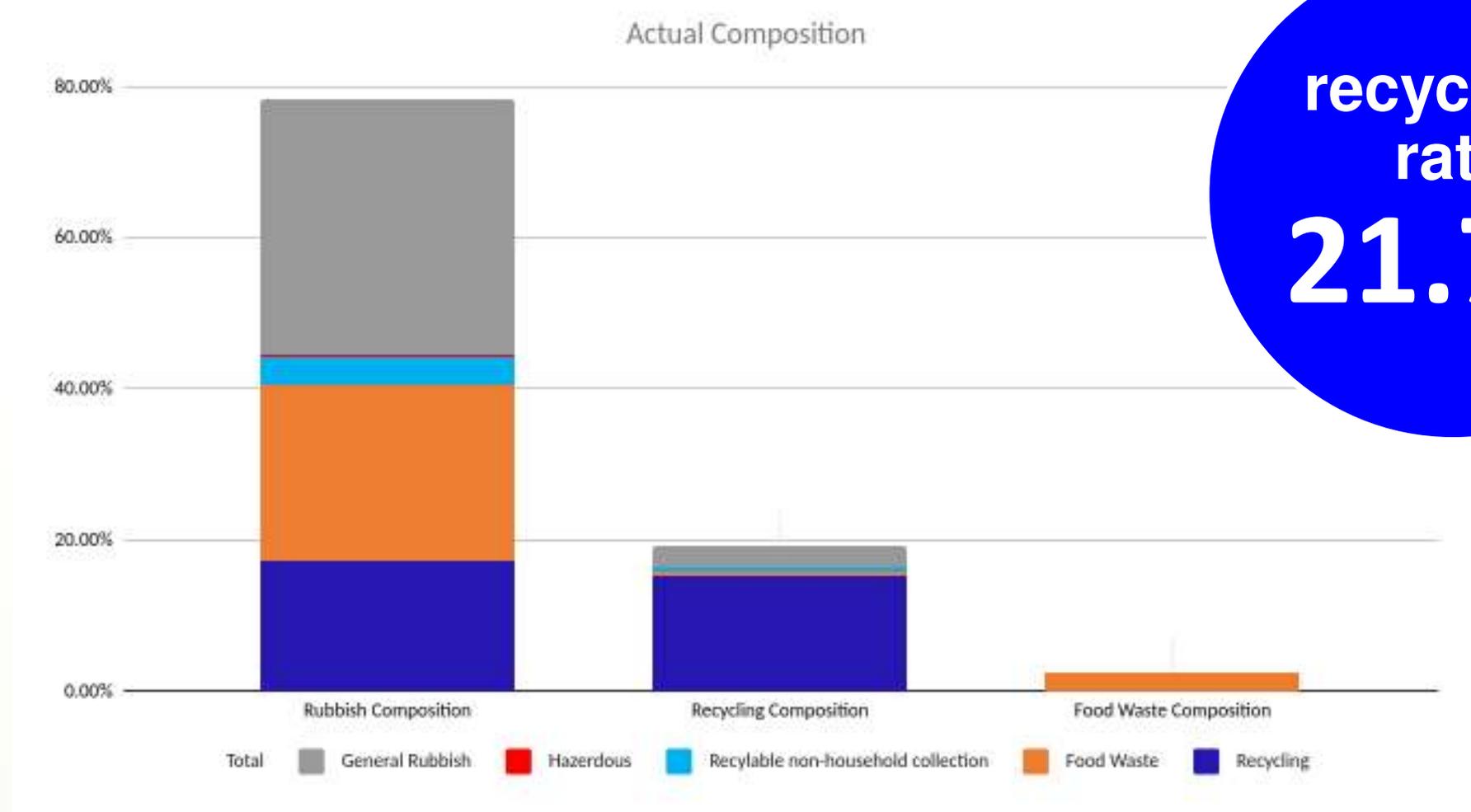
30th	Newham LB
31st	Wandsworth LB
32nd	Westminster City Council
33rd	Tower Hamlets LB



**more waste  
per person  
than average**



# WHAT ARE WE COLLECTING?

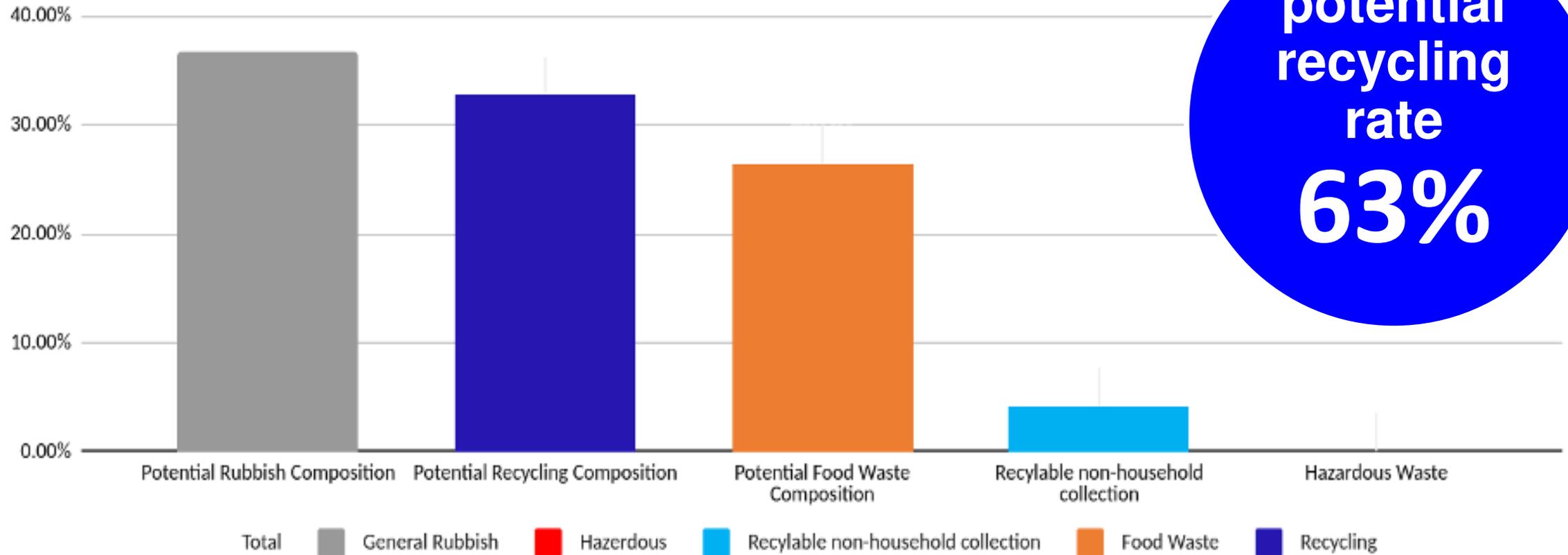


recycling rate  
**21.7%**



# WHAT COULD OUR RECYCLING LOOK LIKE?

Potential Composition



# BARRIERS TO BETTER RECYCLING

Lack of Storage Space



Dense Population & Tourism



Lack of Understanding



= High Frequency of Rubbish Collections



# OPPORTUNITIES FOR BETTER RECYCLING

## Food Waste Service



34,678  
kerbside

15,920  
communal



16,851  
neighbourhood



## Mobile Recycling Centre



## Education & Awareness



# WASTE HIERARCHY



Most preferred



Last resort





# Learning from others - My Community

**Rachel Brain** - Social Impact Manager, Repowering London

**Manuel Cameron** - Aldgate Solar Power Community Lead, Repowering London



# REPOWERING LONDON

## CREATING LOCAL ENERGY



# YOUR KEY QUESTION

## AND HOW COMMUNITY ENERGY CAN HELP



'How can we overcome the main barriers to Westminster becoming a net zero city by 2040 together? How do we ensure this is delivered in the fairest way?'



# COMMUNITY ENERGY

## WHAT IS IT AND HOW DOES IT WORK?



Community energy can help us move from fossil fuels to renewables in a way that is fair and gives people a part to play. It works by giving a group of people democratic ownership and control of their own energy.

# COMMUNITY ENERGY

## WHAT IS IT AND HOW DOES IT WORK?



# COMMUNITY ENERGY

## CREATING A CLEAN, FAIR ENERGY FUTURE



### The climate crisis

Our approach to developing renewable energy contributes to **net zero targets** while empowering communities to act locally on climate change and to have ownership of the solutions.



### The energy crisis

Rising energy prices have left millions in fuel poverty. Cooperative community energy projects empower those with lived experience to disrupt the energy system and create a model with **community benefit** at its centre.



### The workforce crisis

Community energy groups are training young people for the **green jobs of the future** and building local economic resilience.



# REPOWERING LONDON

## WHO WE ARE



**Repowering London is a not-for-profit community energy development organisation that puts people at the heart of the energy system. We empower communities to plan, fund and build their low-carbon future.**

# REPOWERING LONDON

## OUR VISION & MISSION



**Our vision is a clean, fair energy future for all Londoners. Our mission is to support all Londoners to participate in and benefit from the transition to a low-carbon society.**



# REPOWERING LONDON

## WHERE WE HAVE INSTALLED ROOFTOP SOLAR



### City of London

Aldgate Solar Power  
37 kWp

### Hackney

Banister House Solar  
102 kWp

### Kensington & Chelsea

North Kensington Community  
Energy  
224 kWp

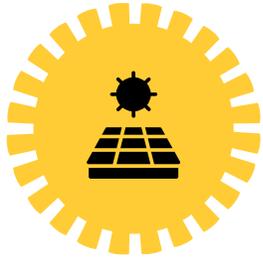
### Lambeth

Brixton Energy Solar 1, 2, 3  
134 kWp  
Lambeth Community Solar  
145 kWp  
Vauxhall Energy  
65 kWp



# REPOWERING LONDON: OUR IMPACT

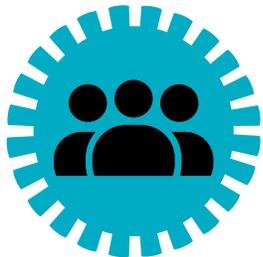
707 kWp of rooftop solar across London on 36 buildings since 2011



Avoided over **780 tonnes** of CO<sub>2</sub> emissions so far



Generate enough electricity to power over **200 homes** every year



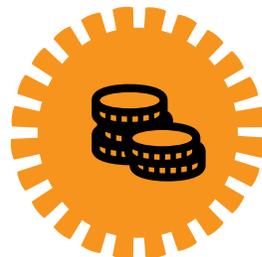
Established **8 community cooperatives**



Ringfenced **over £200k** in Community Funds for the local area



Provided training to **149 young people** and mentored **60+** volunteers



Raised capital finance of **£768,661** through **650 local investors** and donations



# REPOWERING LONDON

## OUR TOOLKIT



### **Rooftop Solar**

We support local communities to build solar installations that are owned by and provide direct benefits to them. These include cost savings, investment opportunities and employment.

### **Education & Training**

We give people the skills and information needed to build our low-carbon future. This includes delivering education workshops and a Youth Training Programme, mentoring, and creating training opportunities.

### **Community Support Services**

We fight fuel poverty by offering training, advice and volunteering opportunities, and helping people make the link between their energy use and the climate emergency.

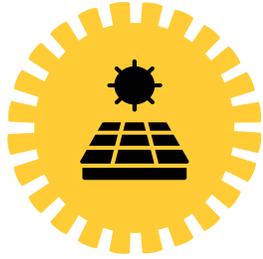
### **Innovation Pilots**

We are leading the evolution of London's energy system by developing new, scalable models that can shape the future of urban energy – including local electricity supply and retrofit solutions.

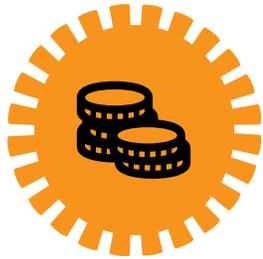


# ALDGATE SOLAR POWER

## THE CITY OF LONDON'S FIRST COMMUNITY ENERGY PROJECT



Installed **37kWp** of solar power



Raised **£11,000** from **37** local member investors



Community Fund of **£10,000** to be ringfenced for local causes over 20 years



# ROOF SPOTTING GUIDE

## WHAT MAKES A GOOD SITE FOR A COMMUNITY ENERGY PROJECT?

### Think about:

- Schools
- Colleges & universities
- Theatres
- Hotels
- Care homes
- GP surgeries
- Community centres
- Local authority buildings
- Libraries
- Food manufacturers
- Office buildings

### Look for:

- **Large** – We aim for a minimum area of approximately 300m<sup>2</sup> (about the size of a tennis court)
- **Flat or sloped metal**
- **Easily accessible** – So we can carry our works and maintenance
- **Good condition** – So they can bear the weight of the solar panels
- **Cover an energy-hungry business** – Buildings that use a significant amount of electricity all year round, particularly during the summer



# Thank You!

Rachel Brain – [rachel.brain@repowering.org.uk](mailto:rachel.brain@repowering.org.uk)

Manuel Cameron – [manuel.cameron@repowering.org.uk](mailto:manuel.cameron@repowering.org.uk)





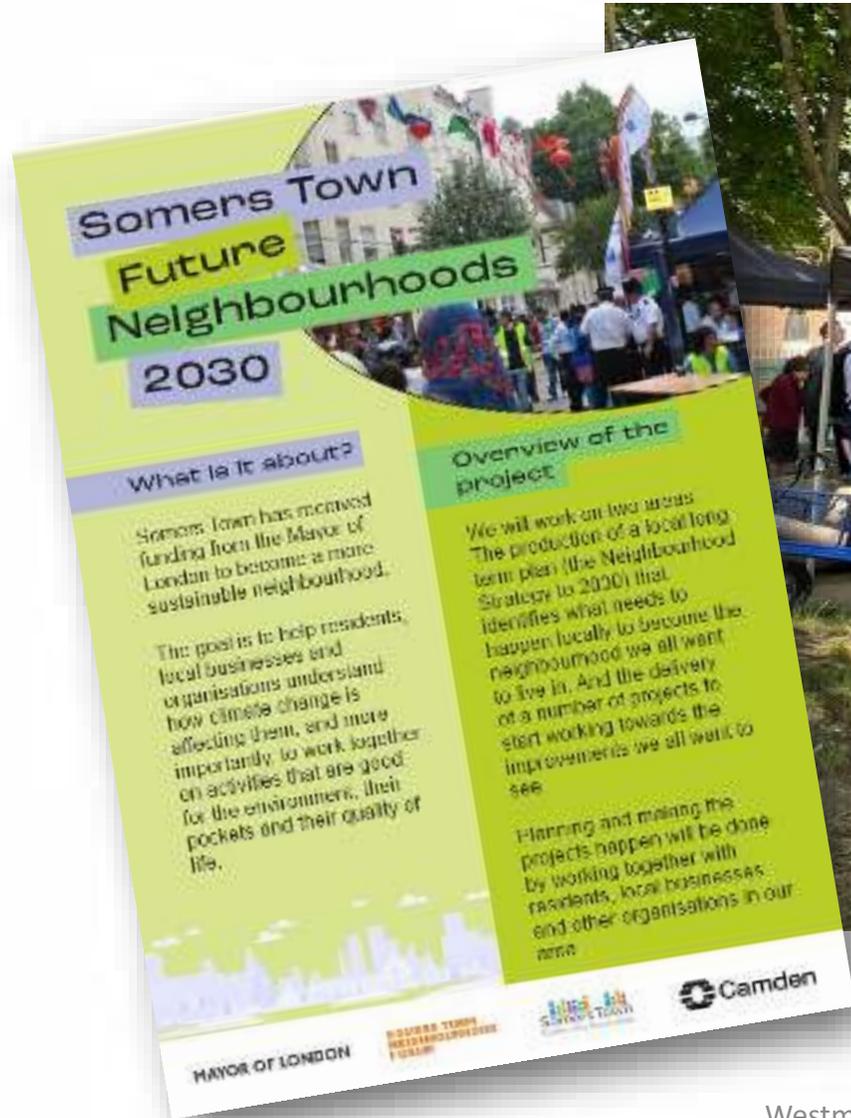
# Learning from others - My Community

**Carlos Queremel** - Future Neighbourhoods Project Lead, Camden Council

**Hibaq Hersi** - Somers Town residents



# Somers Town's Future Neighbourhood 2030



**Somers Town  
Future  
Neighbourhoods  
2030**

**What is it about?**

Somers Town has received funding from the Mayor of London to become a more sustainable neighbourhood.

The goal is to help residents, local businesses and organisations understand how climate change is affecting them, and more importantly, to work together on activities that are good for the environment, their pockets and their quality of life.

**Overview of the project**

We will work on two areas. The production of a local long term plan (the Neighbourhood Strategy to 2030) that identifies what needs to happen locally to become the neighbourhood we all want to live in. And the delivery of a number of projects to start working towards the improvements we all want to see.

Planning and making the projects happen will be done by working together with residents, local businesses and other organisations in our area.

MAYOR OF LONDON  
SOMERS TOWN  
NEIGHBOURHOODS  
FORUM  
Camden



Deliver the overarching objectives of the Green New Deal mission

SUPPORTED BY  
**MAYOR OF LONDON**

# About the Future Neighbourhood 2030

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## The project is delivered in partnership with

- Somers Town Community Association
- Somers Town Neighbourhood Forum
- Camden Council

## It is being delivered in 4 phases:

- Phase 1 - almost completed
- Phase 2 - currently delivering (up to March 2024)
- Phase 3 - developing bid (to run up to March 2025)
- Phase 4 - unfunded future



**SOMERS TOWN  
NEIGHBOURHOOD  
FORUM**



SUPPORTED BY  
**MAYOR OF LONDON**

# Phase one - Key achievements

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A local sustainability strategy	Sharing spaces in TRA halls	Over 200m2 of green space improved	Lifeafterhummus Room of Things and food redistribution
Over 30 homes retrofitted	Circular economy Chalton Street Market	Somers Town Energy heat supply extension	Air quality monitoring network extension
A 100kW community solar on a local school	Green Mobility Hubs and Healthy School Streets	Local Carbon Offset fund	A new online engagement platform

# A local Sustainability Strategy to 2030

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A long-term plan for Somers Town that identifies further work that needs to happen locally to combat climate change up to 2030

## Developed around

- Community-identified priorities for Somers Town
- Human Rights & UN Sustainable Development Goals
- GLA Green New Deal mission objectives



Somers Town

Future

Neighbourhoods

2030

HELPING SOMERS TOWN RESIDENTS TACKLE THE CLIMATE EMERGENCY & CREATE A FAIRER FUTURE FOR EVERYONE.

HOW TO IMPROVE

- FOOD
- LIFE
- HEALTH
- EDUCATION
- WATER & SANITATION
- HOUSING
- DEVELOPMENT

AFFORDABLE SUPERMARKETS

THE PEOPLES SUPERMARKET!

GROW YOUR OWN!

COOKING CLASSES

REDUCE FOOD WASTE BY SHARING!

INTERGENERATIONAL ACTIVITIES!

JOB

JOB IN THE COMMUNITY

OUTREACH WORKERS

DRAWING ON EXPERIENCES IN OUR COMMUNITY FOR SUPPORT

PREVENTATIVE WORK

JOINED UP SUPPORT

COMMUNITY GARDENS

CONNECTION TO NATURE

REDUCE SMOKING & DRINKING

MULTIAGENCY APPROACH TO CLIMATE

PROMOTE SELF SUPPORT GROUPS!

WE CAN RUN OURSELVES!

INVEST IN THE COMMUNITY!

HOW CAN WE LEVER

ENERGY + KNOWLEDGE?

WARM SPACE COMMUNITY BUILDINGS

REPAIRS TO LEAKS & HOLES

MAKE MORE ENERGY EFFICIENT!

MORE INFORMATION ABOUT FOOD QUALITY!

TEACHING CHILDREN ABOUT THIS WORKSHOP!

KIDS ARE THE FUTURE!

MORE BOOKS ...LESS I.T

AS ADULTS WE NEED TO BECOME BETTER ROLE MODELS

DIY REPAIR DAYS

NO WASTE!

LET'S WORK TOGETHER TO HELP EACHOTHER

"GOOD OLD FASHIONED COMMUNITY"

SUPPORTING LOCAL BUSINESSES

EXERCISING

GLUE OUR COMMUNITY...

TOGETHER

ILLUSTRATION: JENNYLEONARDART.COM

Somers Town

Future

Neighbourhoods

2030



# Somers Town Future Neighbourhoods 2030

HELPING SOMERS TOWN RESIDENTS TACKLE THE CLIMATE EMERGENCY & CREATE A FAIRER FUTURE FOR EVERYONE.



IMPROVING THE ENVIRONMENT

## GREENING STREETS

MAKING THE STREETS SAFER FROM CRIME & ANTI-SOCIAL BEHAVIOUR

PEOPLE WANT TO SOCIALISE AND USE PUBLIC SPACES MORE!

BETTER FOR HEALTH



WE NEED MORE GREEN JOBS, APPRENTICESHIPS AND... VOLUNTEERING...  
YOUNG PEOPLE AS ECO-WARRIORS

EMPOWERED TO LEAD PROJECTS



WE CAME TOGETHER FOR COVID-19 WHY CAN'T WE FOR A...  
**CLIMATE EMERGENCY**

RESPONSIBILITY ISN'T SHARED EQUALLY!

BUSINESSES & DEVELOPERS HELD ACCOUNTABLE FOR CLIMATE CHANGE & ENVIRONMENTAL DAMAGE IN THE AREA!

## REDUCING TRAFFIC & ENCOURGING CYCLING

REDUCE CONGESTION & MAKE PEOPLE FEEL SAFER

↓ PEOPLE ↗

DELIVERING PROJECTS

THE COUNCIL

SCHOOLS

BUSINESSES

THE POLICE

HOUSING PROVIDERS

RESIDENTS

PUBLIC HEALTH BODIES

COMMUNITY GROUPS

ACADEMIC BODIES



ILLUSTRATION:  
JENNYLEONARDART.COM

# A local Sustainability Strategy to 2030

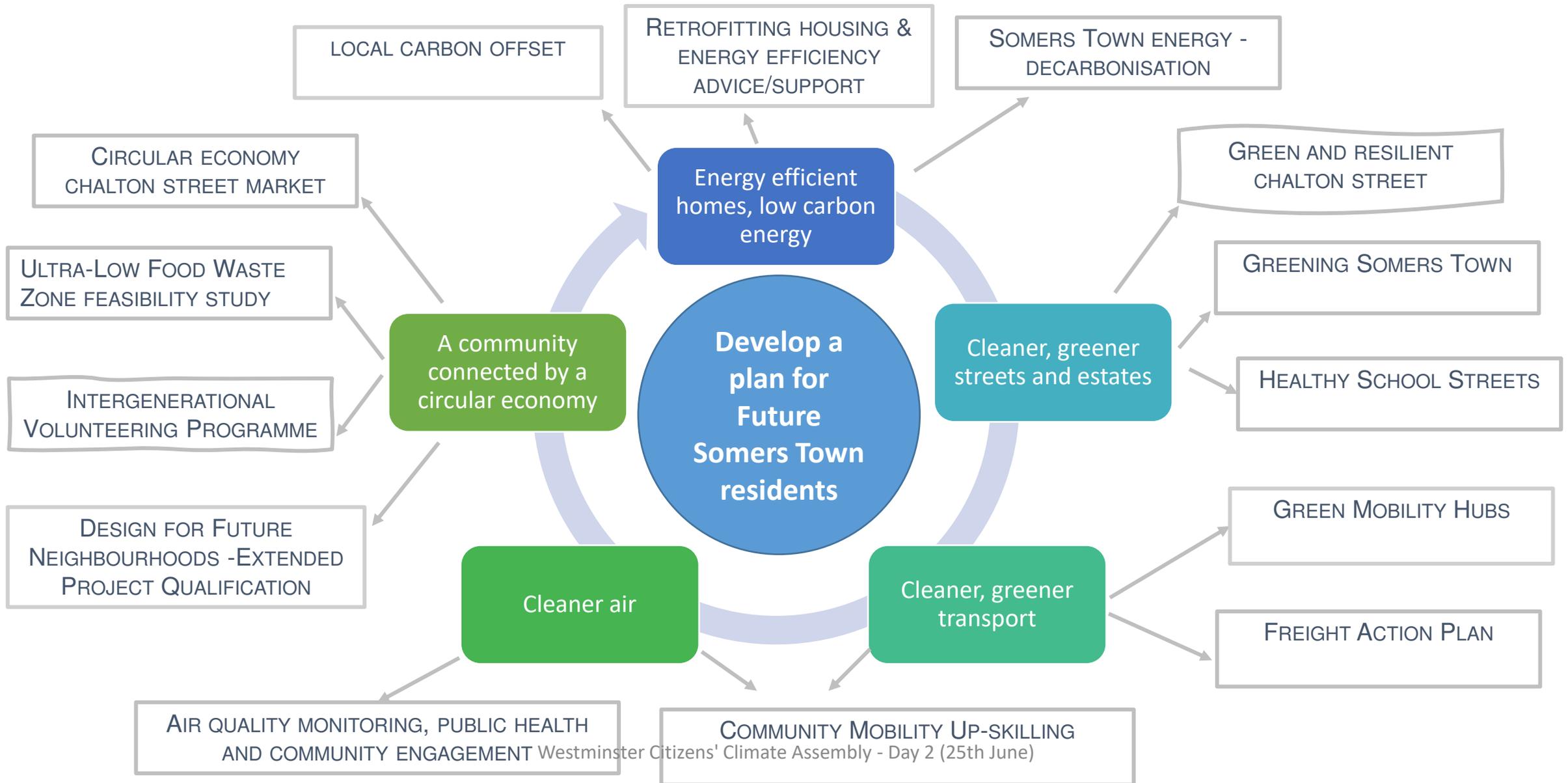
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13 community priorities





# Programme delivery



# Communications and engagement

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## Aim

Enable local people to learn more about climate and how they can drive change

## Approach

- A Community Climate Learning Hub
- A multi-channel communications campaign
- A Digital engagement platform - Scone Ai App



# New digital engagement platform - Scone

## What is it?

- A footprint calculator to enable residents to understand how individual actions affect their footprint
- A channel to encourage and support community conversations and share information
- A tool to gather quantitative data around desired behaviours

## Climate ambassadors

- Local residents and Scone super users
- 1:1 engagement at local events
- Trusted first point of community contact
- Lead by example
- Generate activity in the app by posting and reacting to others' posts



# Empowering residents – education and more education

The ultimate aim of all engagement is to empower residents to act, we do this by:

- Supporting skills development (e.g EPQ)
- Community workshops/projects/ideas pot
  - Community ladder
  - Tri-composter
- Cycle instructor and bike mechanic training
- Apprenticeships
- Gardening training
- Listening and providing 1:1 support to enable people to take action



**SOMERS TOWN  
NEIGHBOURHOOD  
FORUM**

**LIFEAFTERHUMMUS**



**GLOBAL  
GENERATION**



**ual:** central  
saint martins



**VITAL  
ENERGi**





# Learning from others - My Home

**Graham Kingsbury** - Property Sustainability Programme Manager, Westminster City  
Council

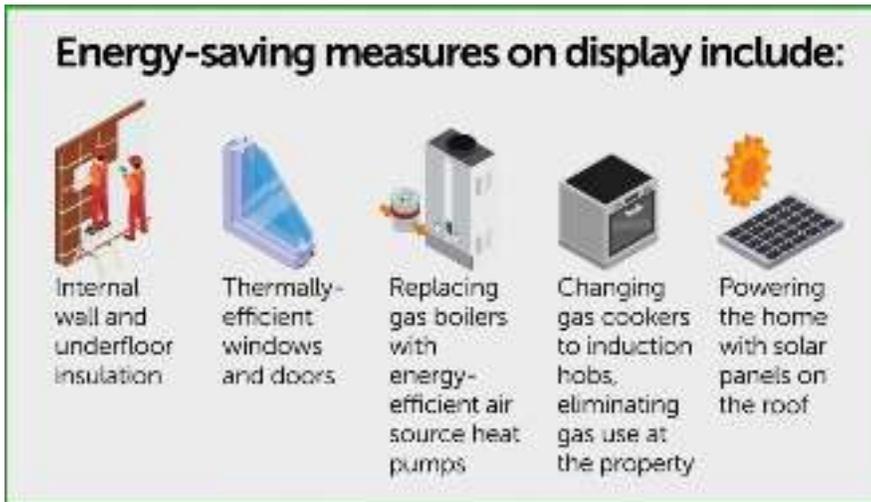


# RETROFITTING OUR RESIDENTS HOMES



# RETROFIT SHOW HOME

## Retrofitted one-bedroom void unit



- ✓ Energy demand for heating reduced by 55%
- ✓ EPC rating increased from low D to high B
- ✓ Expected to be self-sufficient for energy



## 300 visitors

- 118 on public tours, 45 x 1:1 tours for WCC tenants, 120 WCC staff/ contractors and 20 from other boroughs.
- Public tours well attended by owner occupiers (73%) and residents from the north of the borough:



# RETROFIT SHOW HOME

- Visitors are now more likely to insulate, undertake window improvements, install solar PV.
- Visitors included other councils, WCC tenants, leaseholders, private tenants, HAs, WCC employees.
- High demand for additional advice & support:
  - Clearer information on planning requirements
  - Trusted advice (home surveys and bespoke retrofit plans)
  - Trusted suppliers
  - Financial support
- Next steps:
  - Let property and undertake 12-month monitoring
  - **Planning for a future show home in South/Central Westminster**



“It was enormously helpful - in 10 minutes I could see and understand the improvements and the technology, which would have taken me several hours of research on the internet.” **Susan, Little Venice resident**





# Learning from others - My Home

**Carolina Castilla Penna** - Senior Outreach Officer, Green Doctors Team,  
Groundwork London



# Groundwork London- Green Doctors

Part of the community charity, Groundwork London, *Green Doctors* are a **team of expert energy advisers**. For 17 years the *Green Doctors* have been helping households in London save money, stay warm and improve energy efficiency at home.

We work in partnership with London Boroughs, Foodbanks, Social Prescribers Link Workers Teams and other organisations to deliver the **free energy consultations** where we *give advice on utility bills and provide referrals to further services to improve health and well-being of residents*.



At the moment we are delivering a hybrid model of :

### Home visit



### Telephone consultation



**GREEN  
DOCTOR**

## During energy consultation, the Green Doctor will help residents with:

- Personalised advice on energy bills- for example, help to understand confusing/incorrect bills
- Financial help: Supporting residents applying to discounts or other benefits they may be entitled to.
- Fuel debt management – Providing energy and water **debt advice** and supporting residents to **access grants**
- **Help to apply to larger grants to improve home and heating efficiency (eg, boiler replacement, insulations, etc)**
- **Delivering/installing free energy-saving items such as draft proofing strips/LED light bulbs/radiators panels, etc**
- Signposting to other services for additional support with local organisations



**GREEN  
DOCTOR**

# Behaviour change



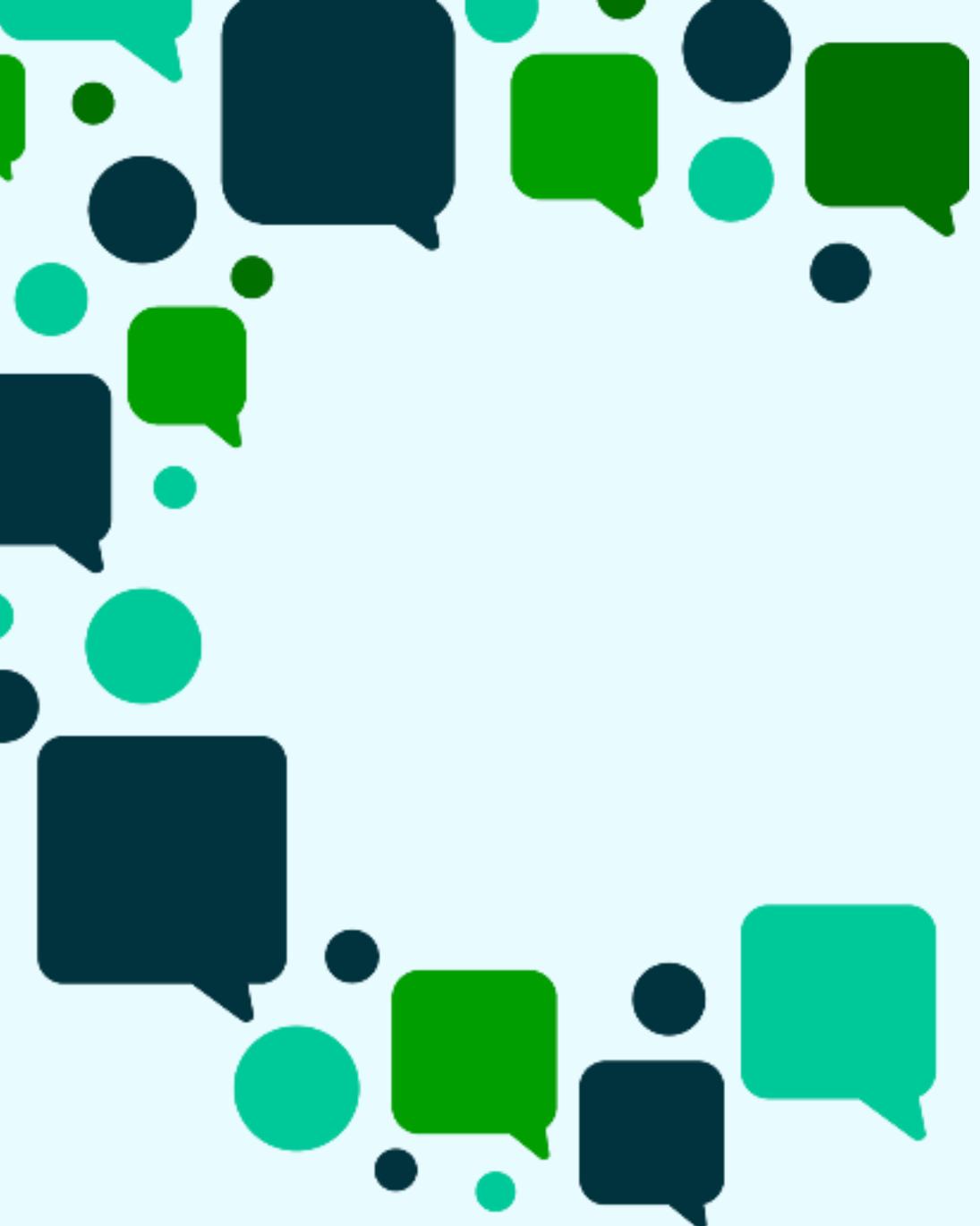
- Encourage behaviour change for residents to take action
- Our Green Doctors will give tailor energy saving tips per room. For example:
  - ✓ How to better control the heating system
  - ✓ Take shorter showers
  - ✓ How to use the dishwasher and washing machine
  - ✓ Avoid leaving computers and TV on stand by
  - ✓ Etc.
- **Small changes in behaviour can lead to significant incremental savings and lower CO2 emissions.** 26% of total emissions in the UK, come from households.\*

# Positive Impacts of the energy consultation

- Reduce the stress and anxiety generated for the high utility bills
- Improve the health and wellbeing of the resident we support
- Learn useful tips on how to save energy and reduce the CO2 emissions
- Get more connected with the local services
- In Westminster, for every **200 household we visit** we saved an estimated equivalent of **19 households yearly carbon emissions** (average UK household emits 8,514 kg of CO2e a year\*)



GREEN  
DOCTOR



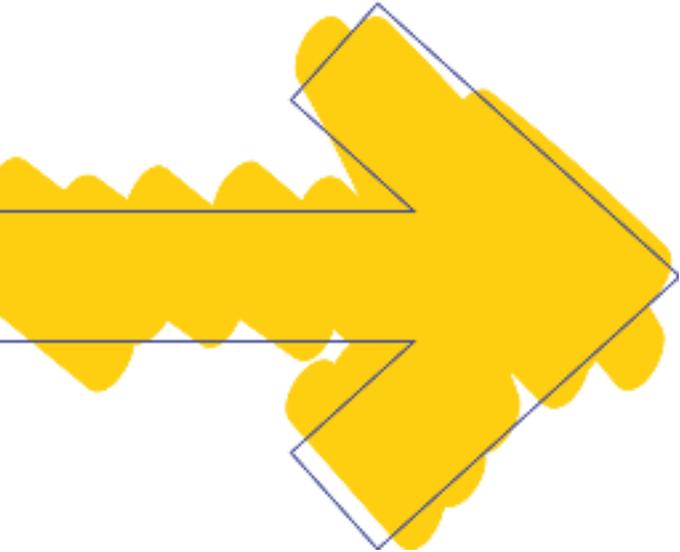
# BREAK



A group of people are seated around a dark table in a meeting or workshop. The table is cluttered with various items: several clear glass water bottles, a brown paper coffee cup, a glass of water, and numerous sheets of paper. Some papers feature colorful bar charts and text. There are also several stacks of yellow and blue sticky notes scattered across the table. In the foreground, the back of a person's head and shoulders is visible, wearing glasses. The background shows other participants, some looking at their papers and others engaged in conversation. The overall atmosphere is one of active collaboration and discussion.

# Activity Vision

# DAY 1 WRAP UP



- What we achieved today and this weekend
- What we will be doing in our final weekend together
- Micro Groups 2
- Reminder for volunteers
- Last minutes to capture thoughts



THANK  
YOU

