



One Planet Oxfordshire

A review of progress towards
One Planet Living



Bioregional

Championing a better way to live

Bioregional champions a better, more sustainable way to live. We work with partners to create places which enable people to live, work and do business within the natural limits of the planet.

We call this One Planet Living.





Zibi, Canada
Windmill
Development
Group



North West Bicester
A2Dominion



One Brighton
Crest Nicholson
& Bioregional
Quintain



BedZED
Peabody / Bioregional



Grow Community
Bainbridge Island
Asani



Villages Nature Paris
Euro Disney and Groupe
Pierre & Vacances Center
Parcs



SOMO Village
SOMO Living



Singita Serengeti
Singita



Evermore WGV
Yolk Property Group

AUSTRALIA



WGV
LandCorp



Saanich, Canada



Durban, South Africa

One Planet Living in Towns and Cities: a programme by Bioregional

Tarusa, Russia

Oxfordshire, UK

Vila Mariana, Brazil



One Planet Oxfordshire

Working with stakeholders across Oxfordshire to achieve One Planet Living

- Creating long-term behaviour changes
- Reducing carbon/material footprints
- Strengthening pro-environmental mind sets and values
- Collaborating across sectors
- Creating a One Planet County!
- Creating a tool kit with replicable models



What we've done so far

1. Mapping and context analysis
2. Ecological footprinting
3. One Planet Living training
4. Shared Vision and Outcomes
5. Stakeholder action plans
6. County wide action planning
7. County level action scan





One Planet: at Pace & Scale

Cllr Dr Pete Sudbury



**OXFORDSHIRE
COUNTY COUNCIL**

Agenda

- Climate and Environment: Current State
- The need for one planet living
- How people change
- Actions

“The danger of global warming...

...is as yet unseen, but real enough for us to make changes and sacrifices, so that we do not live at the expense of future generations,”

Margaret Thatcher, speech to UN, 1989.

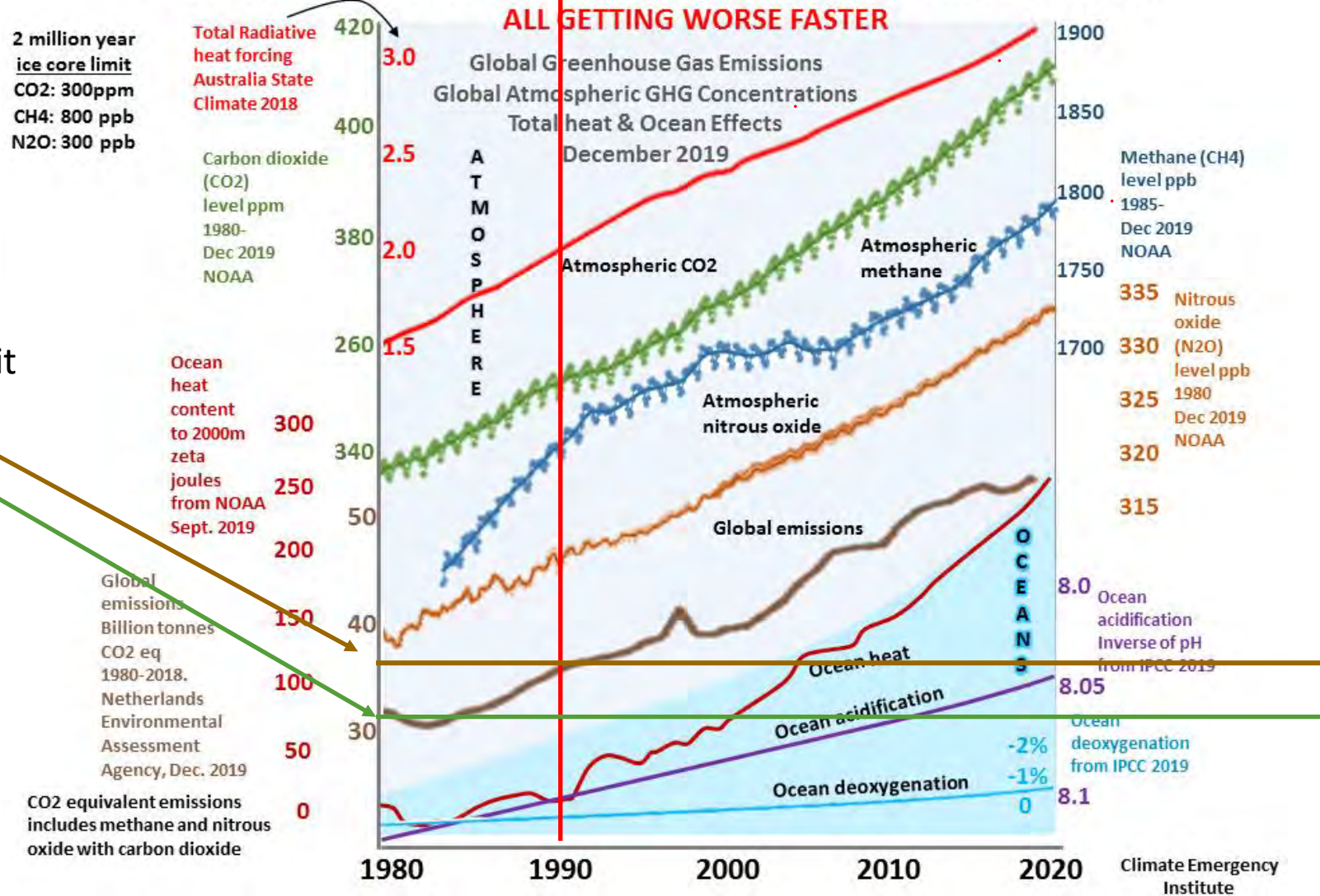
(<https://www.youtube.com/watch?v=VnAzoDtwCBg>)

Wake up call



Vital Signs

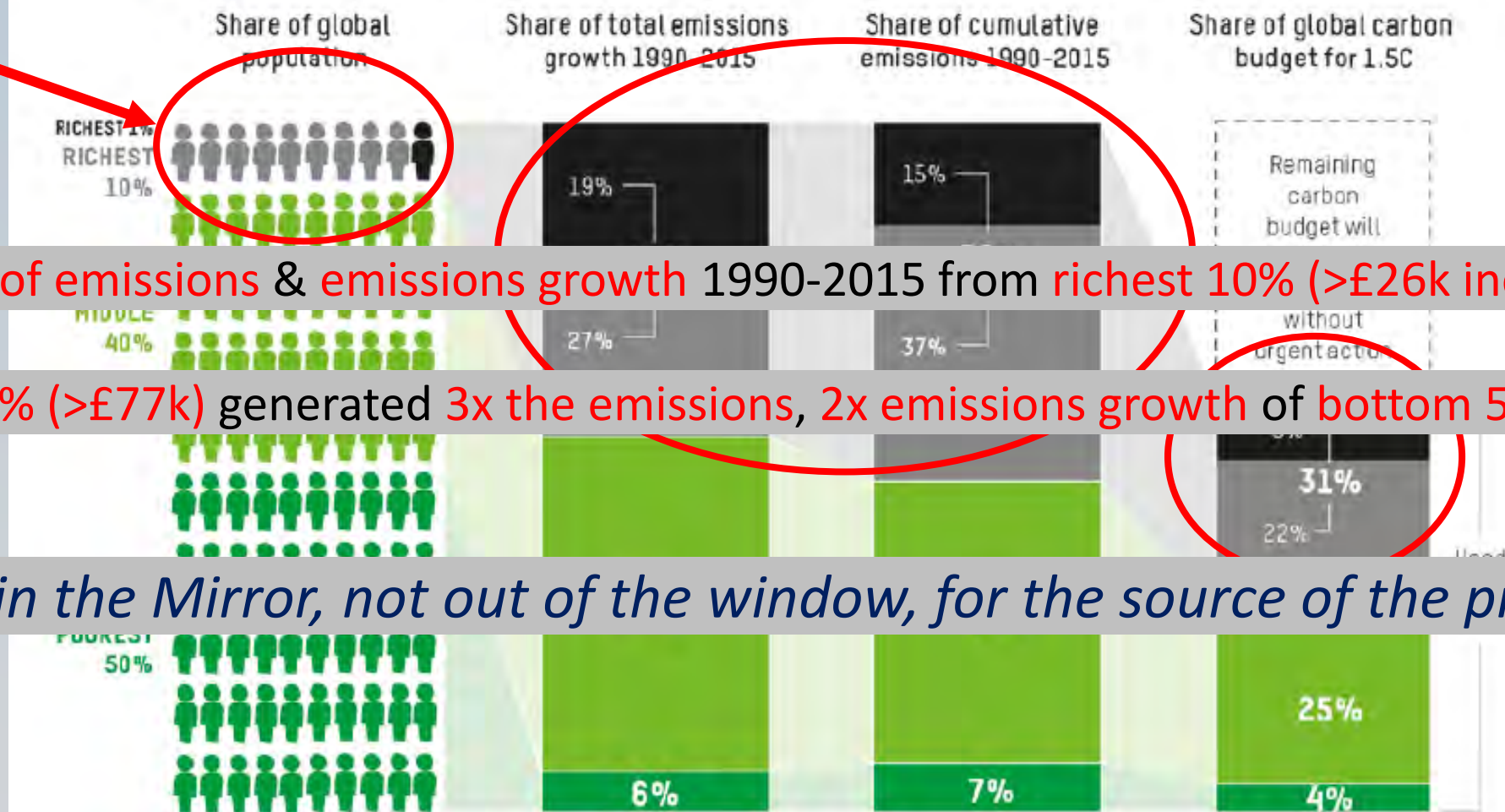
Global Greenhouse Gas Trajectories to Extinction



Taking Responsibility

Figure 6: Summary of headline findings from Oxfam and SEI's new research

We Are Here



Half of emissions & emissions growth 1990-2015 from richest 10% (>£26k income)

The richest 1% (>£77k) generated 3x the emissions, 2x emissions growth of bottom 50% (<£1500)

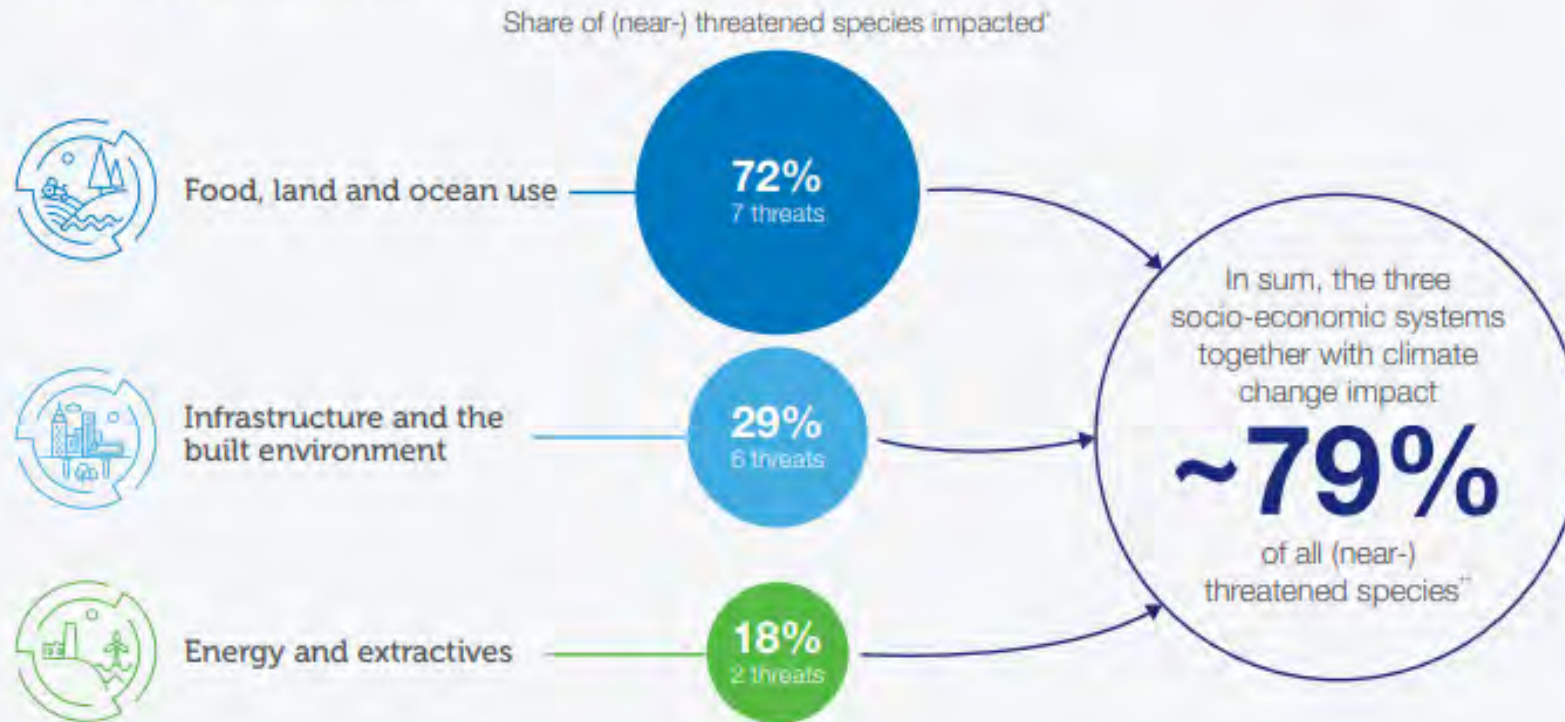
“Look in the Mirror, not out of the window, for the source of the problem”

Per capita income threshold (SPPP2011) of richest 1%: \$109k; richest 10%: \$38k; middle 40%: \$8k; and bottom 50%: less than \$6k.
Global carbon budget from 1990 for 33% risk of exceeding 1.5C: 1,205Gt.

Driving Extinction:

FIGURE E1

Together, the threats emerging from the three systems endanger around 80% of the threatened or near-threatened species



* Consistent with methodology adopted by Maxwell et. al. (2016); "threatened" species include those that are critically endangered, vulnerable, and lower risk – conservation dependent. **Due to partial overlap between the species impacted by the three systems, the percentage of species impacted by all systems is smaller than the sum of the percentages of the species impacted by each system.

SOURCE: IUCN Red List of Threatened Species; AlphaBeta analysis

Summary: The problem...

“...Even with recent pledges, the World is still on course for 3C of warming **this century**...

- Leading to **Mass Extinction**
- Rendering large parts of the planet **Uninhabitable**...”

World Economic Forum 2021

“...This is the new extinction & we are half way through it. We are in terrible, terrible trouble & the longer we wait to do something about it the worse it is going to get...”

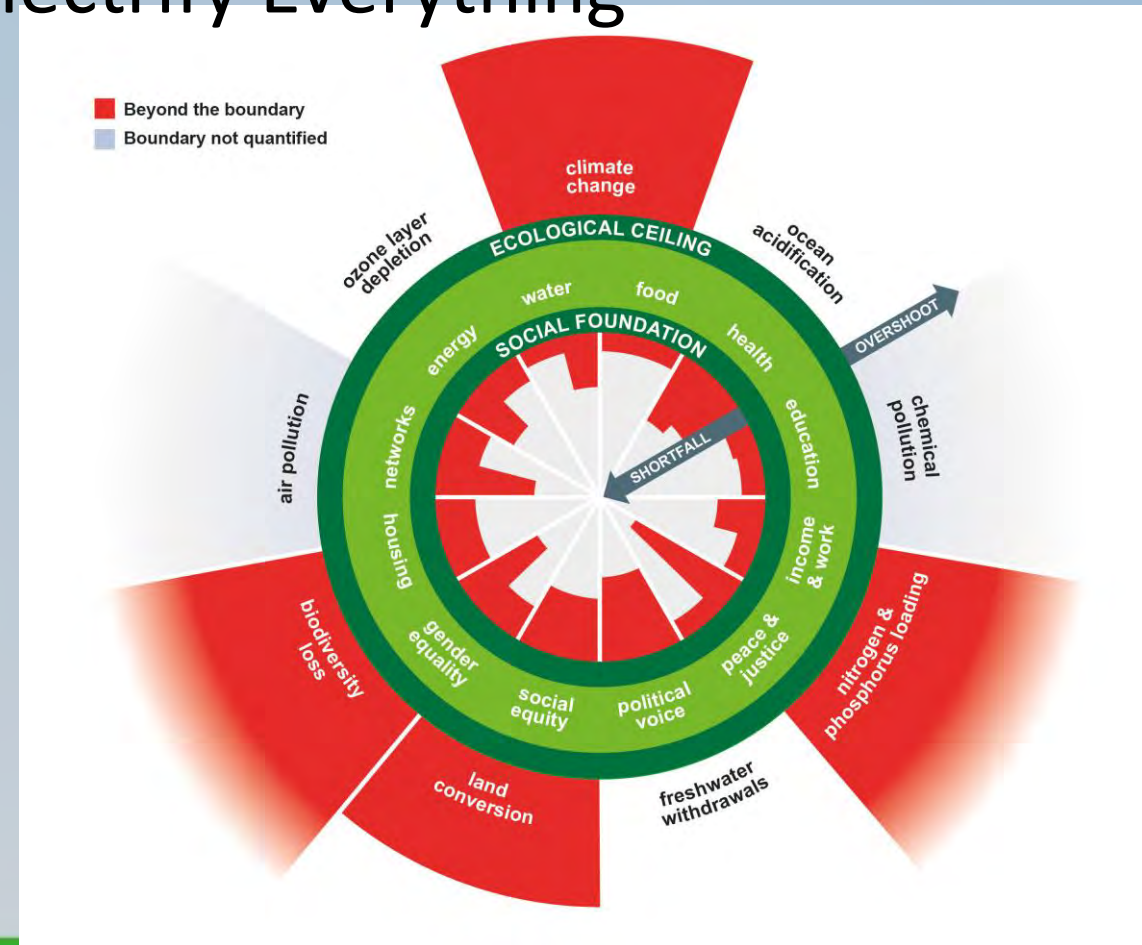
David Attenborough. April 2019

Why “One Planet Living” is so important

- (We don't have a spare planet...or two)
- “Decarbonise Electricity. Electrify Everything!” isn't enough.

“One Planet Living” hierarchy

- “Donut Economics”
- ...incl: “Decarbonise Electricity, Electrify Everything”
- “Circular Economy”



“I’m worried about my grandchildren...

...and Climate change...

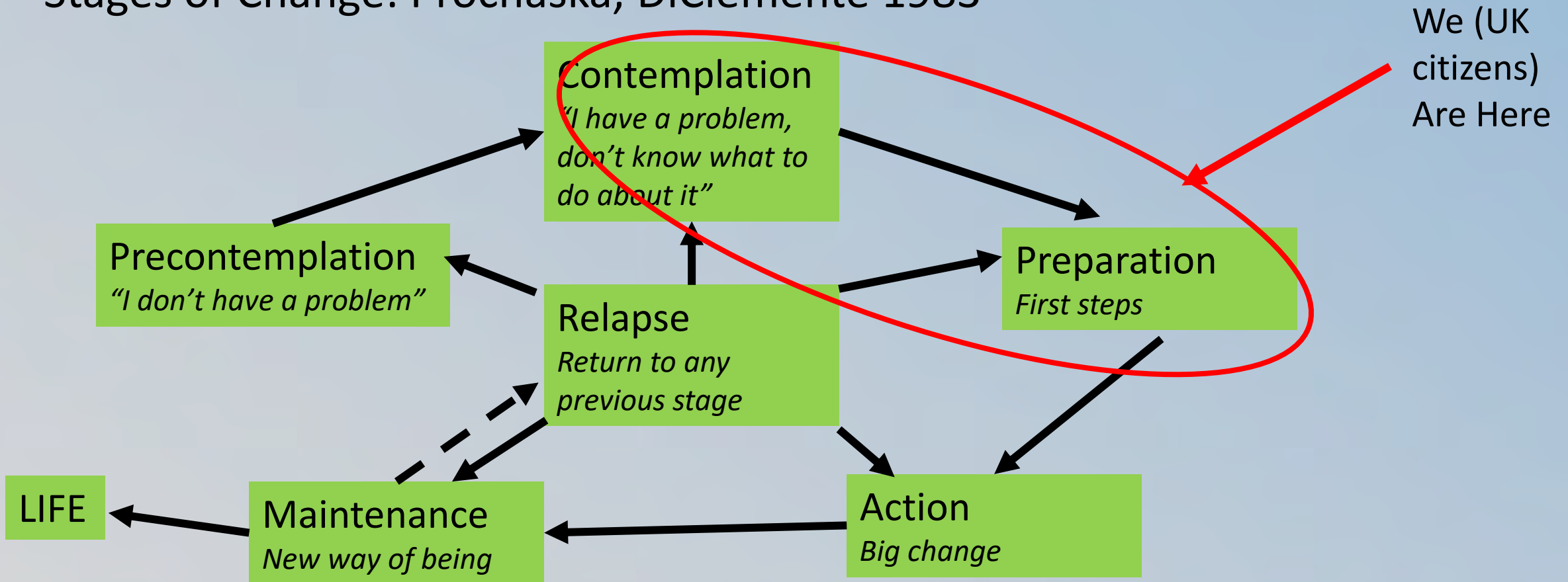
...but I have to earn a crust”

Wallingford Voter

(Tradesman & Van Driver) April 2021

How People Change

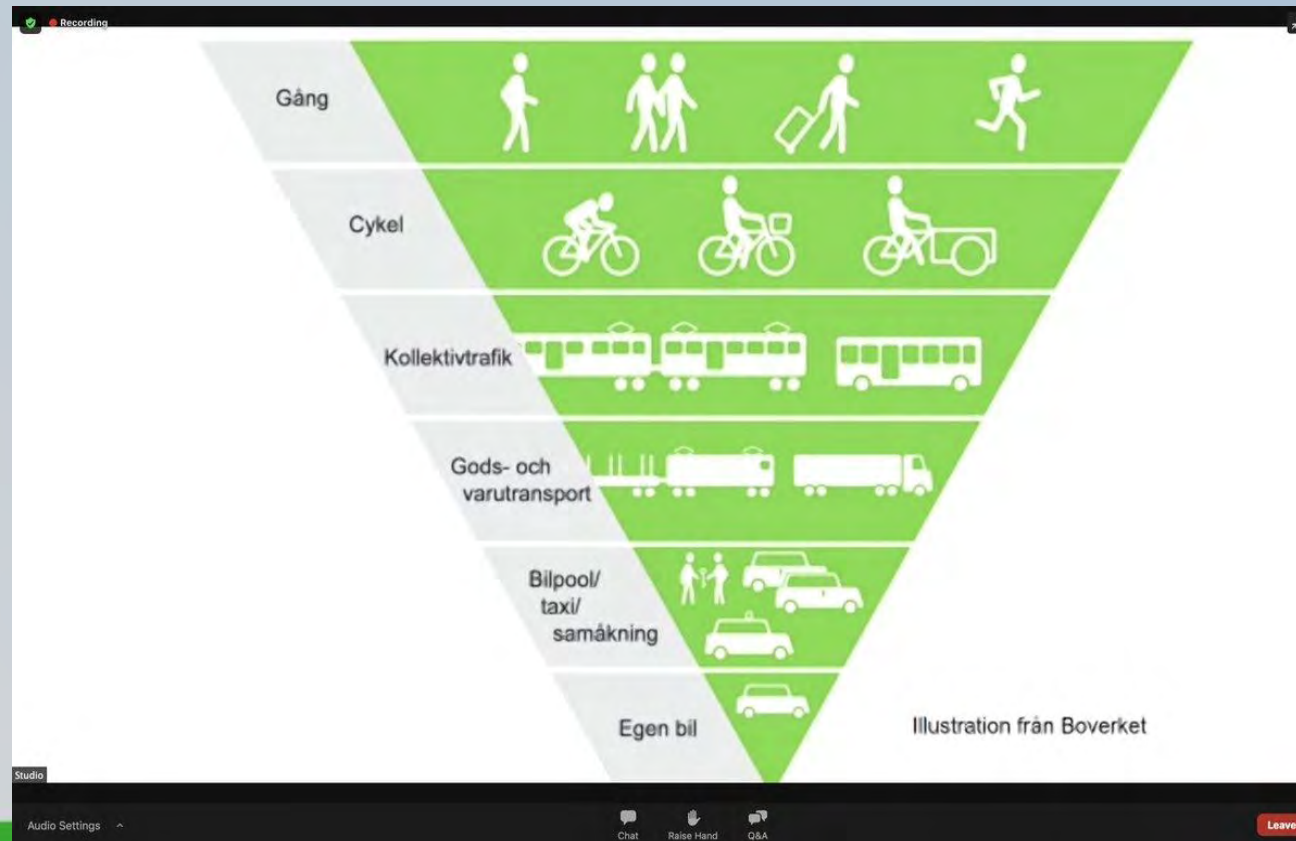
Stages of Change: Prochaska, DiClemente 1983



Making Action Happen

“Make it easy for people to do the right thing”

(Kaiser Permanente maxim)



“Don't be afraid...

...to take a big step if one is indicated.

You can't cross a chasm in two small jumps.”

David Lloyd George

2020-2030: the crunch decade

What will WE do?

- Targets
 - “two planet living by WHEN? ...?2030”
 - “One planet living by WHEN? ...?2040”
(Science-based, not “What do you feel like?”)
- Roadmaps & Milestones: How do we get there?
 - Use the solutions we have, at PACE and SCALE
 - Quick wins (before 2025) By WHOM?
 - Hard slogs (2025-2040) By WHOM?
- Roadblocks
 - Political, Economic, Social, Technological

How easy is it to do the right thing?

“The Fierce Urgency of now”

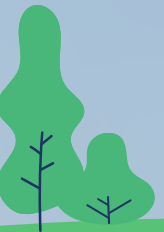
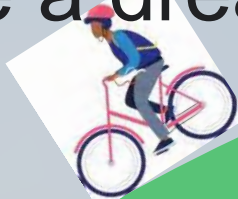
'...We are now faced with the fact that tomorrow is today.

We are confronted with the fierce urgency of now.

*In this unfolding conundrum of life and history, **there is such a thing as being too late.***

This is no time for apathy or complacency...”

Dr Martin Luther King Jr
 (“I have a dream” 1963)



THE END

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So what do we
do next?



**Friends of
the Earth
Oxford**

Chris Church
*Oxford Friends
of the Earth*

What do we need to do?

Getting to 'One Planet' and Net Zero is a huge challenge

So how do we deliver maximum impact with what we can do?

'We' are many different bodies – different skills and opportunities

Action at four levels

- **Push for national action - regulation and incentives**
- **Work locally through community, academic and business initiatives**
- **Be the change - play our part**
- **Make sure our councils are playing their part**

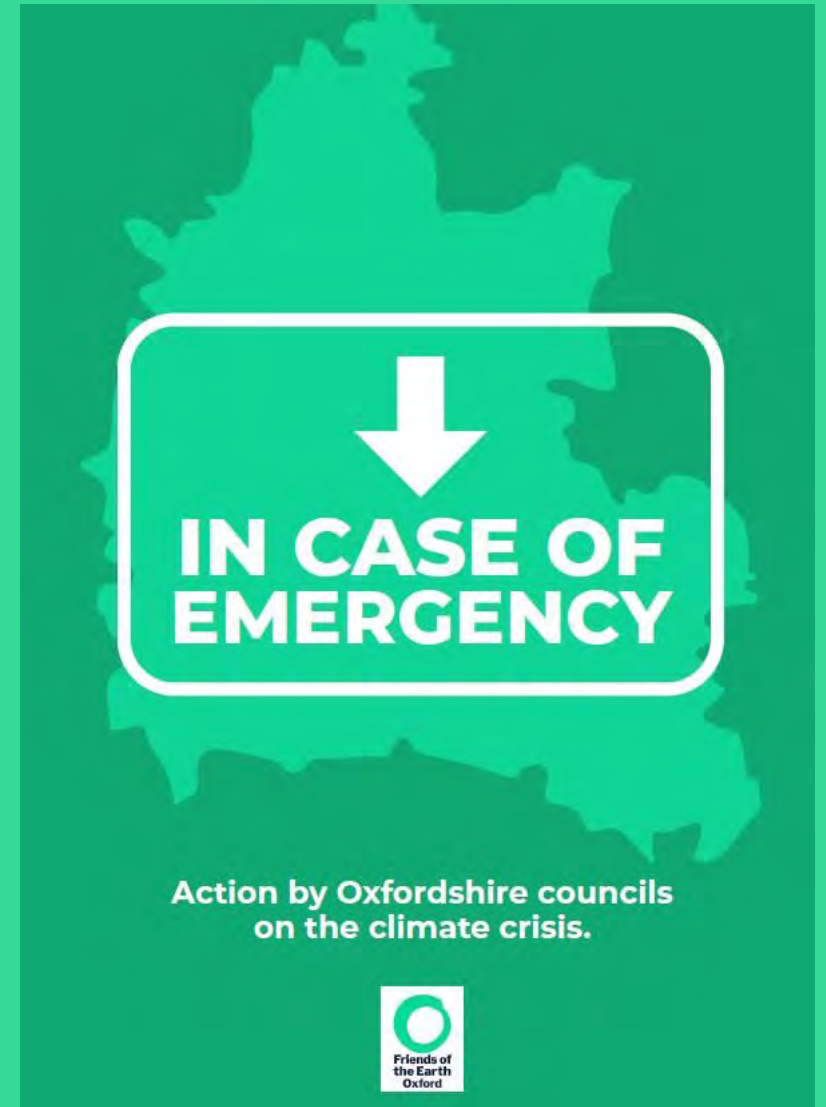
Local governance is critical

Many key issues are locally determined and implemented: Planning for **buildings** and **transport** – key areas where emissions must be cut.

‘In case of emergency’

We reviewed action on climate by all 6 local councils - good work is being done but we must ramp up emission cuts:
10% a year across the county

<https://www.oxfoe.co.uk/climatesurvey/>



We know what we need to do...

- **More local clean energy**
 - Solar roofs, solar streets, solar farms
- **Decarbonising transport**
 - The County LTCP is coming and must lead
- **Zero carbon for new homes**
 - A Zero Carbon standard across the county
- **Massive speed up of retrofit and ‘clean heat’ for existing buildings**

Zero carbon for new homes?

The Oxfordshire Zero Carbon Homes Initiative – a partnership working to deliver the aim that all new homes built in Oxfordshire will be designed to zero carbon standards.

See: <https://www.oxfoe.co.uk/ozchi/>

A county-wide webinar on June 17th with the Good Homes Alliance.



***On to work on retrofit
(and fuel poverty)?***



How do we do it....

➤ **Ambition**

- Political will, Strong targets, Resources

➤ **Action**

- In the immediate future (not just 'by 2040')

➤ **Collaboration**

- A county-wide partnership with all sectors

➤ **Long term commitment**

- This will take the rest of our lives



So let's work together

- **This is the time to be doing it**
 - COP26 is a unique opportunity to focus
- **Make it interesting and engaging**
 - So people want to do this
- **Commit to climate action and justice**
 - and celebrate what we have done



Thank you!

Take part in the 'Great Big Green Week'

<https://www.oxfoe.co.uk/the-oxfordshire-great-big-green-week/>



**Join the Oxfordshire COP26
Climate Alliance:**

<https://www.oxfoe.co.uk/cop26/>

Stories of success



kite

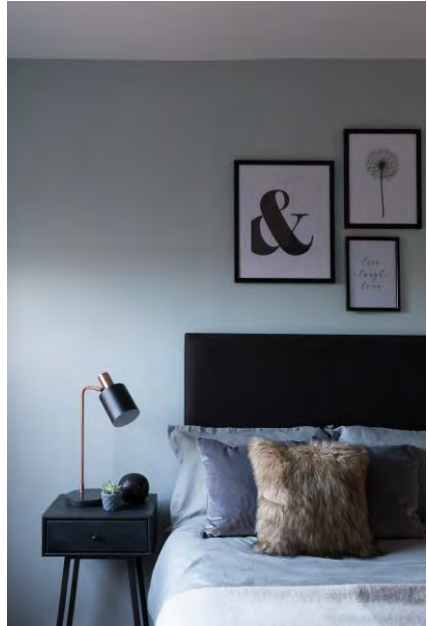
Kite, and their sustainability journey.



- Kite was founded in 2014 to offer a holistic client centred approach to construction projects.
- Offering a full Design and Build service
 - Architectural plans
 - Planning Permission
 - Interior Design
 - Project Management
 - Construction
 - Procurement of furniture
 - Styling of property for marketing
- Worked on over 65 projects







kite





From > To:

From >

Commodity buying
and
commodity building

To >

Consciously creating and enabling
regenerative solutions for the
modern spaces of the future.

Putting the wellness of humans
and the planet at the centre of our
philosophy

Creating a new world of living.



Our Approach



The WELL Standard

- The ultimate in living and wellbeing is achieved when you design and create the best built environments, and products and experiences to consider the following, in unity;



AIR



WATER



NOURISHMENT



LIGHT



MOVEMENT



THERMAL COMFORT



SOUND



MATERIALS



MIND



COMMUNITY

Our Guiding Principles.

1. Renewable

- We source responsibly, searching for the most eco-sustainable materials we can find.
- We work with recycled, upcycled and natural materials with low formaldehyde content and low VOC's.



2. Traceable

- Traceable supply chain
- Help us calculate the carbon footprint of all our products.



3. Re-useable

- The Circular Process
- Modular, mobile and flexible
- Design out waste



Kite |

We are regenerating for a better future.
Renewable, traceable, re-useable and beautiful kitchens
Contains 75% sustainable materials



Kite | **Springfield Meadows, Southmoor.**

In our first commission with Greencore Construction and Ssassy Property, we've delivered an eco-kitchen for one of their Passive House properties, using over **75% sustainable materials**.





As Gunter Pauli said in *The Blue Economy*,
“The ethically correct choice is to achieve greater benefit not by inflicting less damage but by inflicting no damage at all. There is no diagnosis such as a little bit of cancer- one either has cancer or one doesn’t”.

THANKYOU

- Contact Helen Gordon if you would like to know more about how to implement a healthy environment in your property.
- helen@kitecreative.co.uk
- www.kitecreative.co.uk
- Tel; 07767828048.





**OXFORD
CITY
COUNCIL**

www.oxford.gov.uk



Pursuing a zero carbon Oxford

Tom Garrod

Sustainable City Engagement Officer



OXFORD CITIZENS ASSEMBLY
ON CLIMATE CHANGE





low d
our wi
delive

our energy by
ensure it comes from
renewable sources?

Whiteboard with various notes and diagrams.

Whiteboard with text including:
- How much by this
- What is the
- How much by this
- What is the



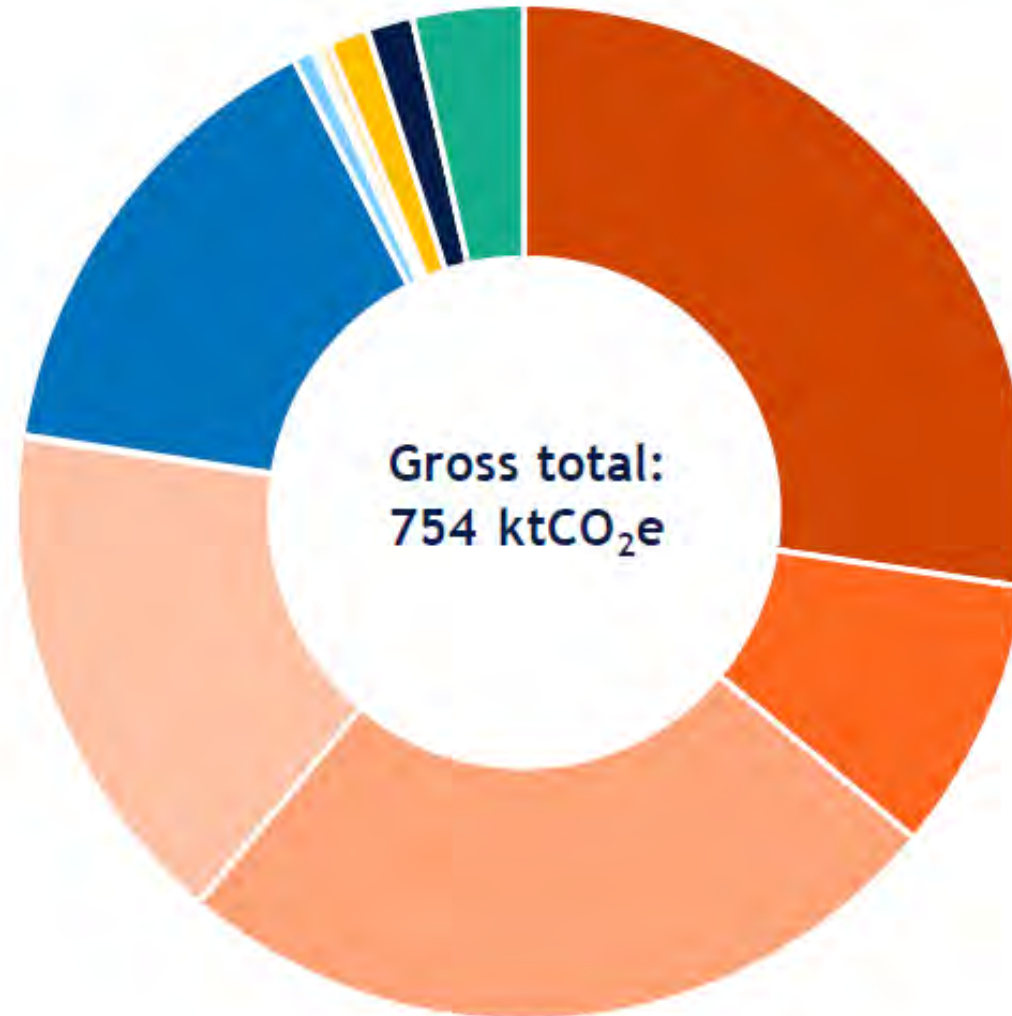
Zero Carbon Council by 2030

- Carbon Management Plan
- Renewables installation
- Fleet decarbonisation – 25% by 2023
- Purchasing of green electricity, gas and offsetting
- Retrofitting housing stock
- Decarbonisation at key sites



Net Zero City

- Residential buildings (27%)
- Commercial buildings & facilities (9%)
- Institutional buildings & facilities (25%)
- Industrial buildings & facilities (16%)
- On-road (15%)
- Rail (1%)
- Off-road (<1%)
- Solid waste disposal (<1%)
- Wastewater (1%)
- Industrial process (1%)
- Industrial product use (<1%)
- Livestock (4%)



Oxford's emissions profile



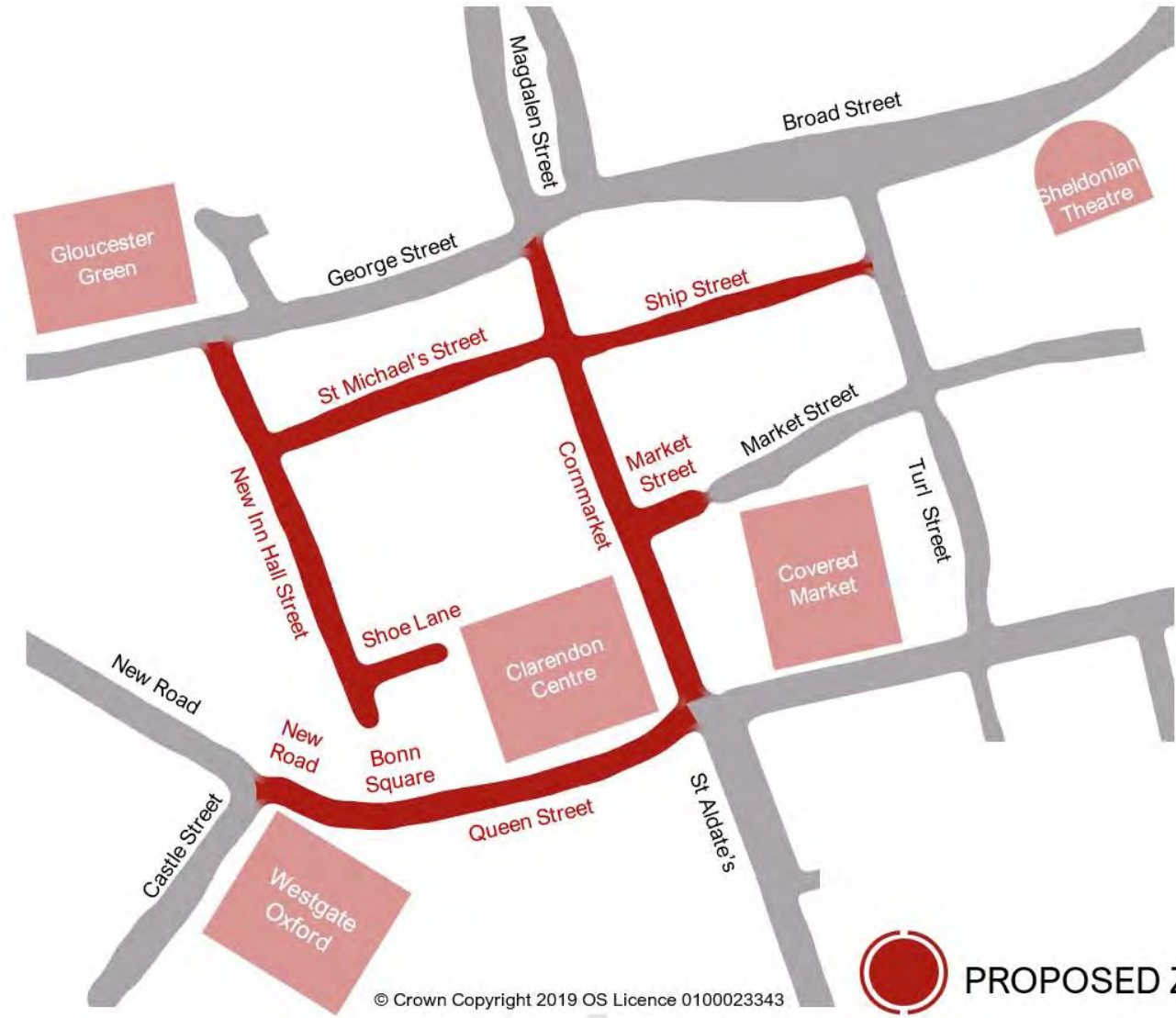
Zero Carbon Oxford Summit & Partnership



- 20 organisations including universities, hospitals, councils and large businesses.
- Agreed 2040 net zero target for the city
- Zero Carbon Oxford Partnership launched
- Roadmap and Action Plan



Zero Emissions Zone



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PROPOSED ZEZ PILOT



Energy Superhub Oxford



Go Ultra Low Oxford





Local Energy Oxfordshire

“Project Local Energy Oxfordshire (LEO) is one of the most ambitious, wide-ranging, innovative, and holistic smart grid trials ever conducted in the UK.”

“LEO will improve our understanding of how opportunities can be maximised and unlocked from the transition to a smarter, flexible electricity system and how households, businesses and communities can realise its benefits.”



www.oxford.gov.uk



Tom Garrood

Sustainable City Engagement Officer

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ONE PLANET PRINCIPLES	
Water and electricity	Conserving water and electricity
Recycle and food recovery	Recycling and composting to reduce waste
Culture and community	Nurturing local identity and heritage, empowering communities and promoting a culture of sustainable living
Land and nature	Protecting and restoring land for the benefit of people and wildlife
Sustainable water	Using water efficiently, protecting local water resources and reducing runoff and leakage
Local and sustainable food	Prioritizing sustainable, humane, fitting and healthy diets to local seasonal sources, food and sustainable systems
Traffic and transport	Reducing the need to drive, encouraging walking, cycling and low carbon transport
Materials and products	Using materials from sustainable sources and promoting products which help people reduce consumption
Save waste	Reducing consumption, re-using and recycling to reduce and reduce and zero pollution
Zero carbon energy	Using buildings and manufacturing wisely and sustainable energy technologies

One Planet Saanich



One Planet Living Action Plan



Community Benefit Hub

- **2 training sessions**
2 working group meetings

Action plan headlines

- Sustainability Trustees
- Standing item on agenda
- Recycling, hippo bags,
- Even more vegetarian food/ food providence etc.
- How we relate to local initiatives LTNs
- Staff wellbeing (living wage, wellbeing sessions – develop this more)
- Nature Connection
- Longer term – renewables