



# DecarboN8



**Community rail seminar: encouraging and enabling  
modal shift**

**The bigger picture – why community rail  
should aim to make a difference**

**Richard Walker  
Visiting Research Fellow  
Institute for Transport Studies  
University of Leeds**

# This talk

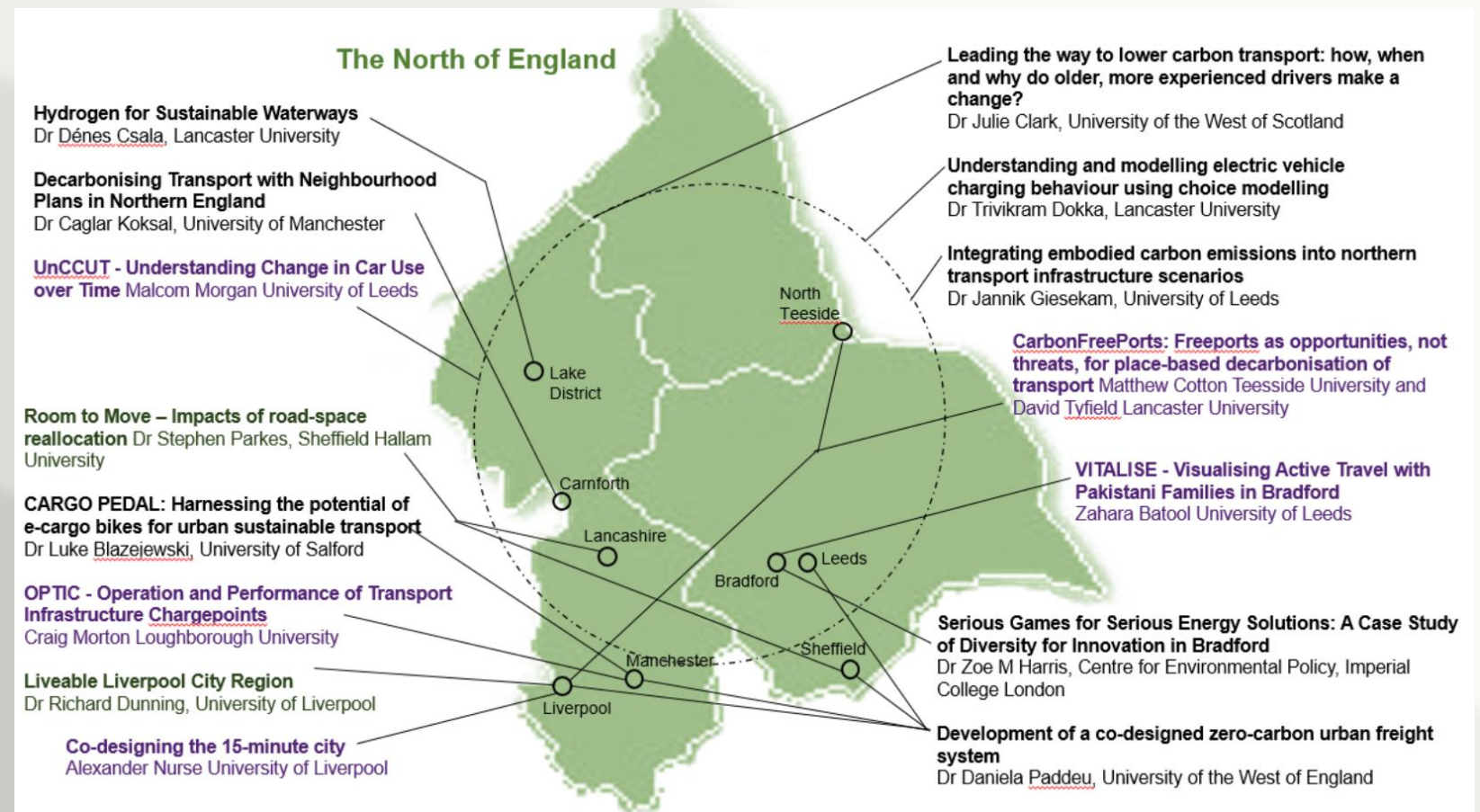
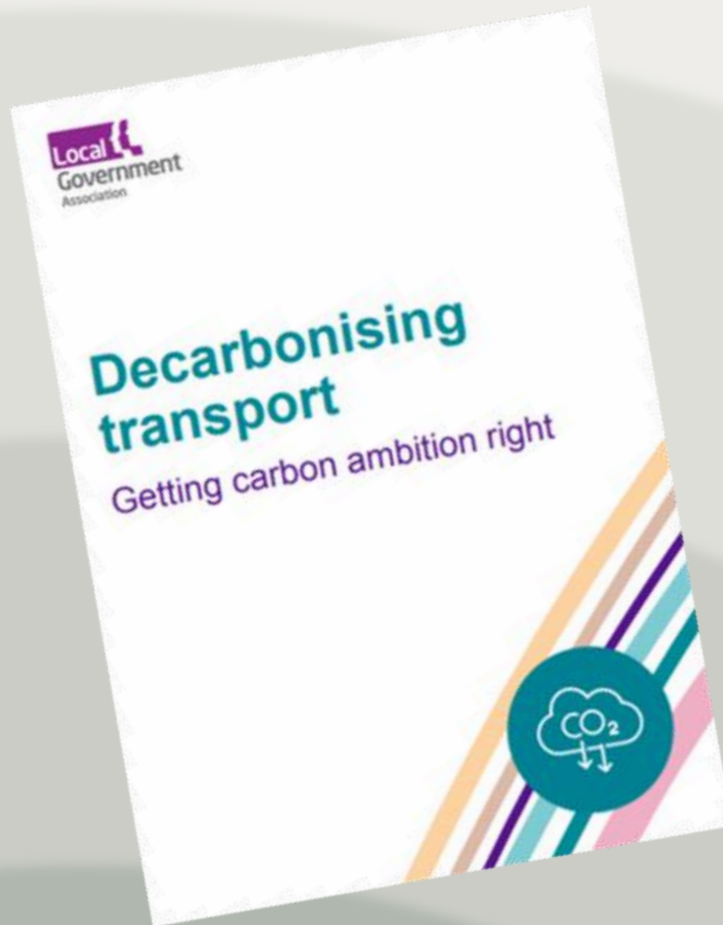
1. My work at Leeds University and South East Lancashire CRP
2. Community rail and 'building back better' from Covid-19: better places and healthier lifestyles
3. Community rail and the transport decarbonisation challenge
4. Community rail and mode shift for leisure travel



# DecarboN8

## 'Real Zero' in a hurry

### Place-based decarbonisation for transport





# Covid-19 TRANSAS

## Covid-19 Transport, Travel and Social Adaptation Study



Covid-19 TRANSAS (Transport, Travel and Social Adaptation Study)

### City centres post-social distancing

The potential lasting impacts of Covid pandemic changes to working practices on locational choices and spatial development: findings of a survey of employers and property market actors in Leeds city centre

**Richard Walker**

Institute for Transport Studies, University of Leeds



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[www.covid19transas.org](http://www.covid19transas.org)







# SOUTH EAST LANCASHIRE COMMUNITY RAIL PARTNERSHIP

Engaging people with their railways in the **BOLTON, WIGAN, SALFORD & CHORLEY** areas



## BOLTON STATION

COMMUNITY DEVELOPMENT PARTNERSHIP

Let's turn our station into Bolton's welcome to all!



# Building back better from Covid-19

Pre Pandemic

No WFH  
**76%**  
N=2,084

Partial WFH  
**20%**  
N=547

100% WFH  
**4%**  
N=111

October 2020

No WFH  
**44%**  
N=1,220

Partial WFH  
**17%**  
N=474

100% WFH  
**38%**  
N=1,048

56%

17%

27%

7%

19%

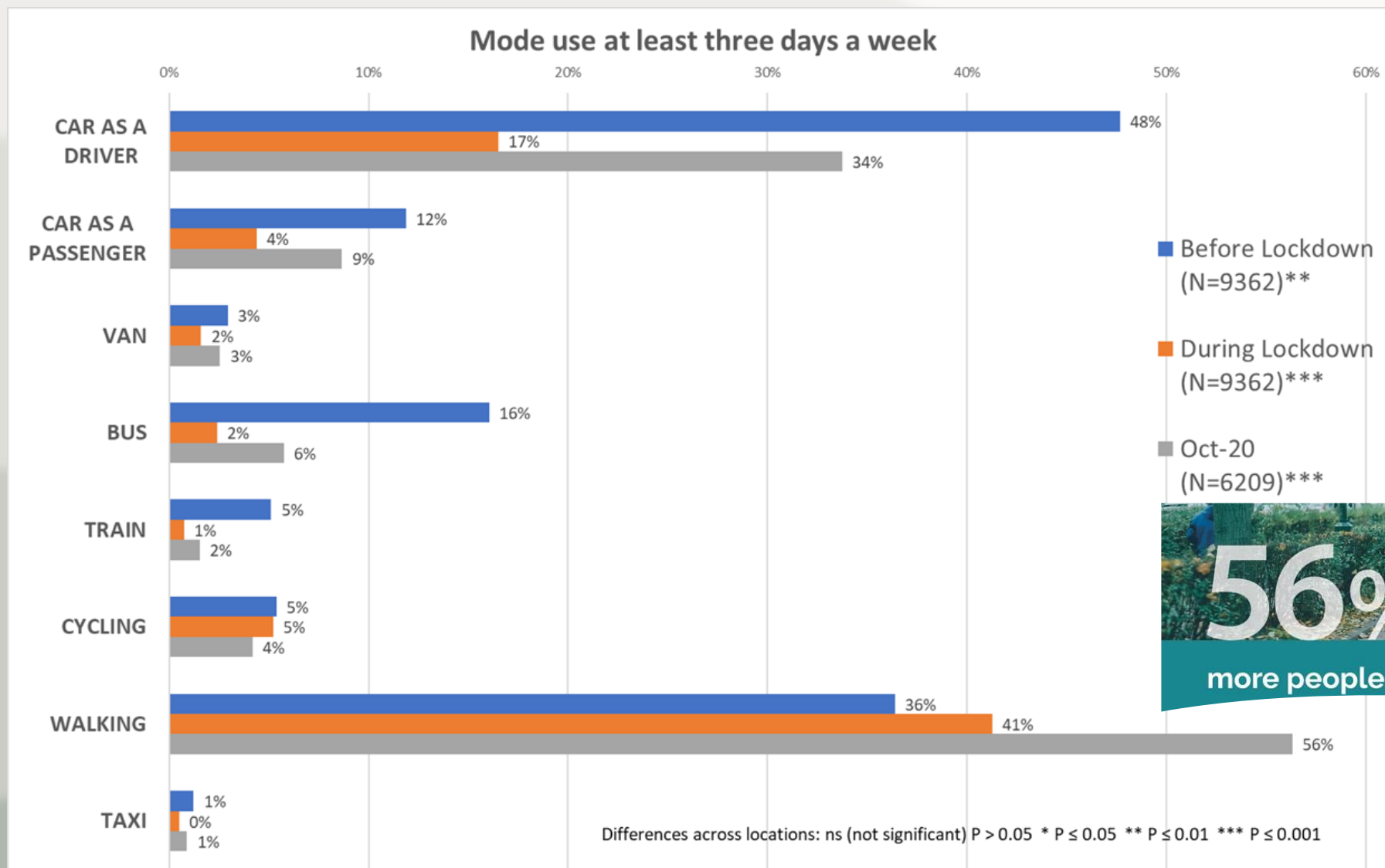
73%

12%

13%

76%

# Building back better from Covid-19





# Community rail and building back better from Covid-19



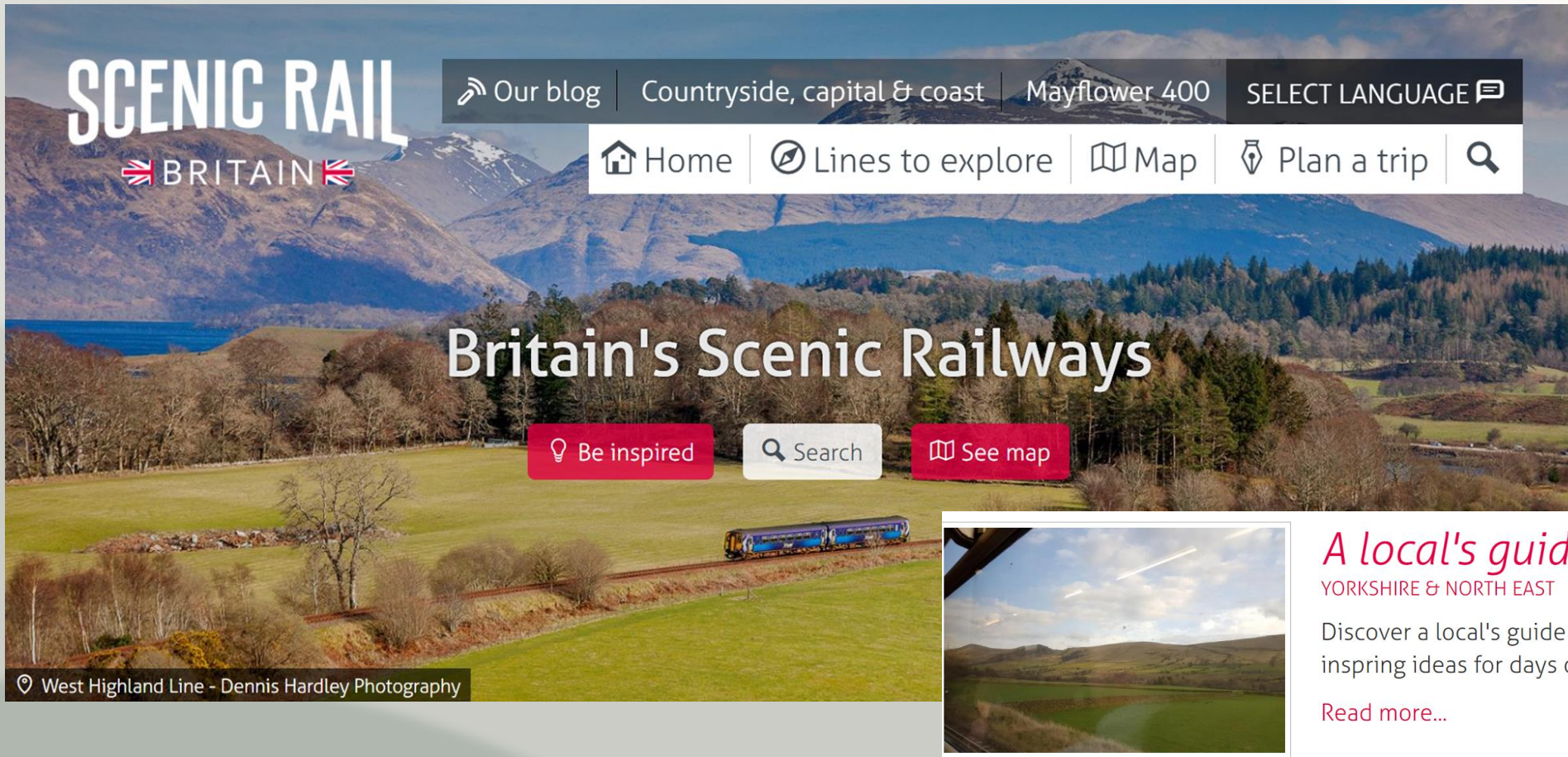
- Healthier lifestyles
- More urbane town & city living
  - The new urban village
    - a.k.a. 'the 15 minute city'
    - a.k.a re-establishing the traditional walkable neighbourhood
  - The 'post-clone' town & city centre
- The future of mobility: new modes, new business models
- Rail as an integral part of 'mobility as a service'





# Community rail and building back better from Covid-19

- A particular role in leisure travel/the staycation?



**SCENIC RAIL**  
BRITAIN

Our blog | Countryside, capital & coast | Mayflower 400 | SELECT LANGUAGE

Home | Lines to explore | Map | Plan a trip

## Britain's Scenic Railways

Be inspired | Search | See map

West Highland Line - Dennis Hardley Photography

*A local's guide to The Buxton Line*  
YORKSHIRE & NORTH EAST

Discover a local's guide to travelling along the Buxton Line and get inspiring ideas for days out by train.

[Read more...](#)

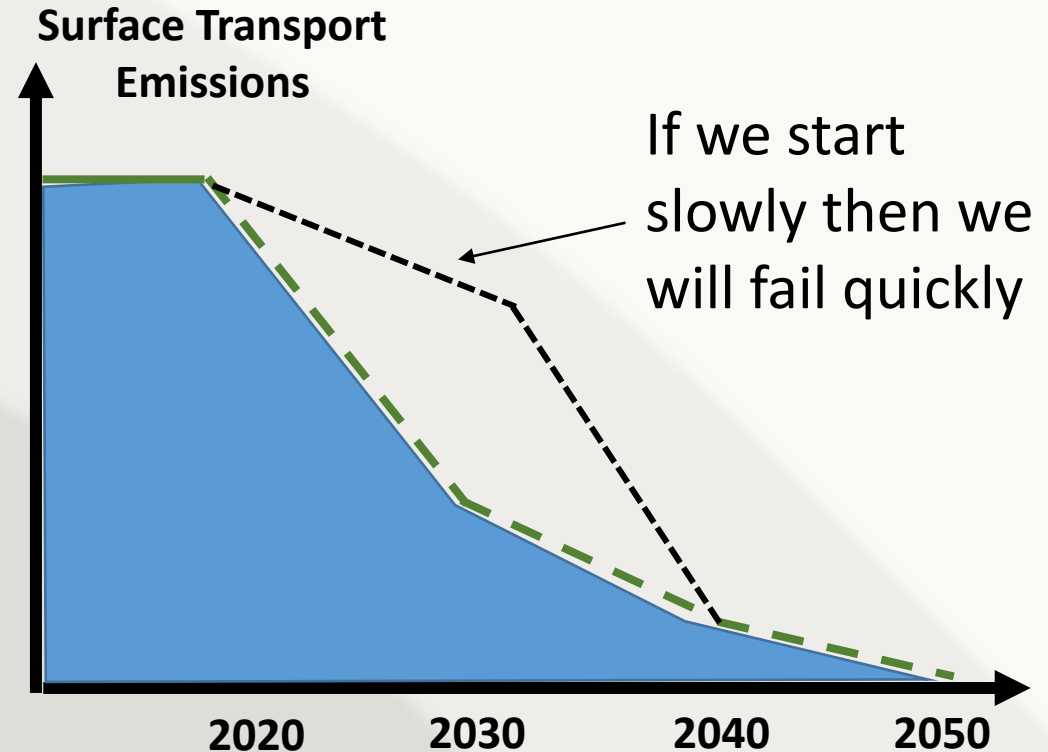
# Transport decarbonisation: the big picture





# Transport decarbonisation: the big picture

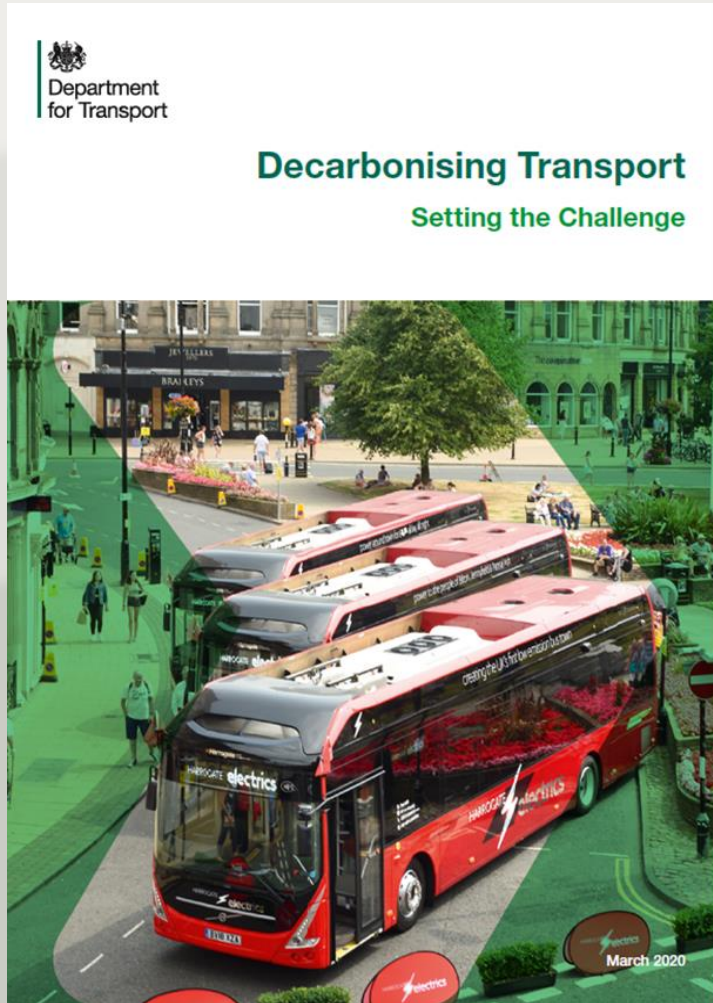
Think in terms of carbon budgets - the remaining tonnage of fossil fuels we can safely burn: **THE AREA UNDER THE CURVE**



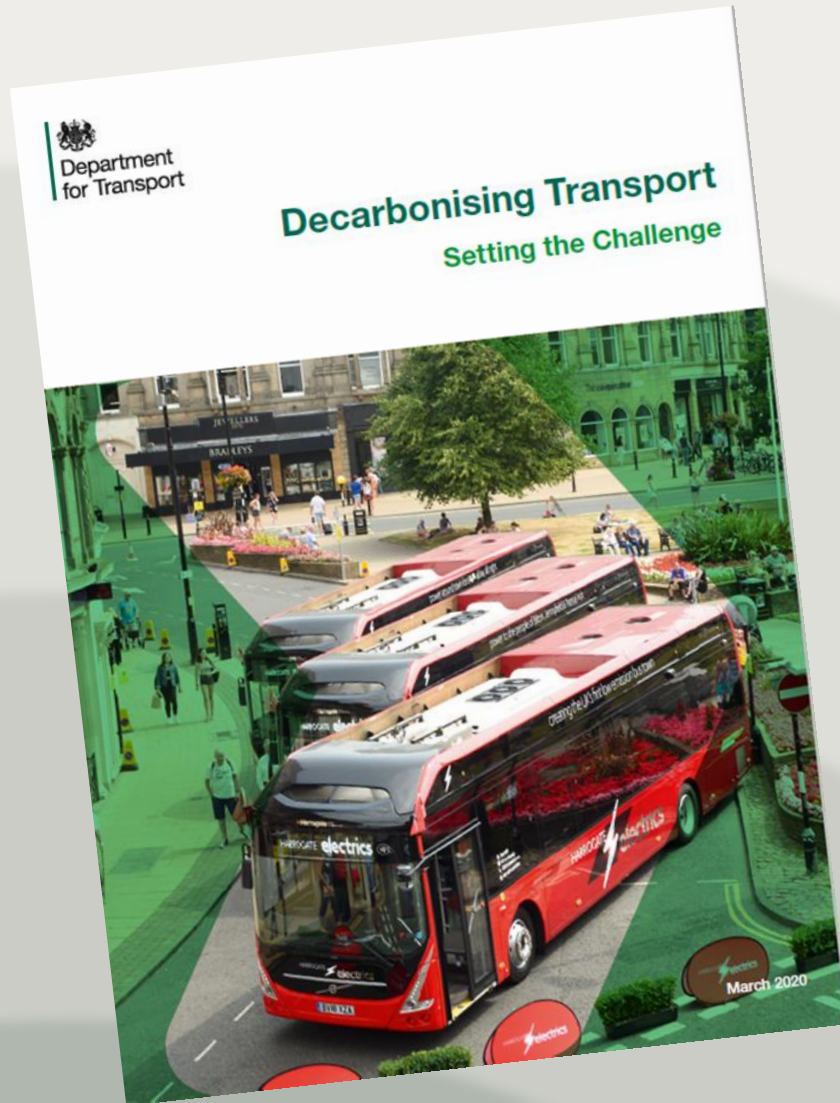
The key takeaway: we can't wait 10 years to get serious about emissions reduction, we must start now, which means changing travel behaviour & transport demand



# The policy response



# The 6 strategic priorities for decarbonising transport



Accelerating modal shift to public and active transport



Decarbonisation of road vehicles



Decarbonising how we get our goods



Place-based solutions



UK as a hub for green transport technology and innovation



Reducing carbon in a global economy

***“Help make public transport and active travel the natural first choice for daily activities”***

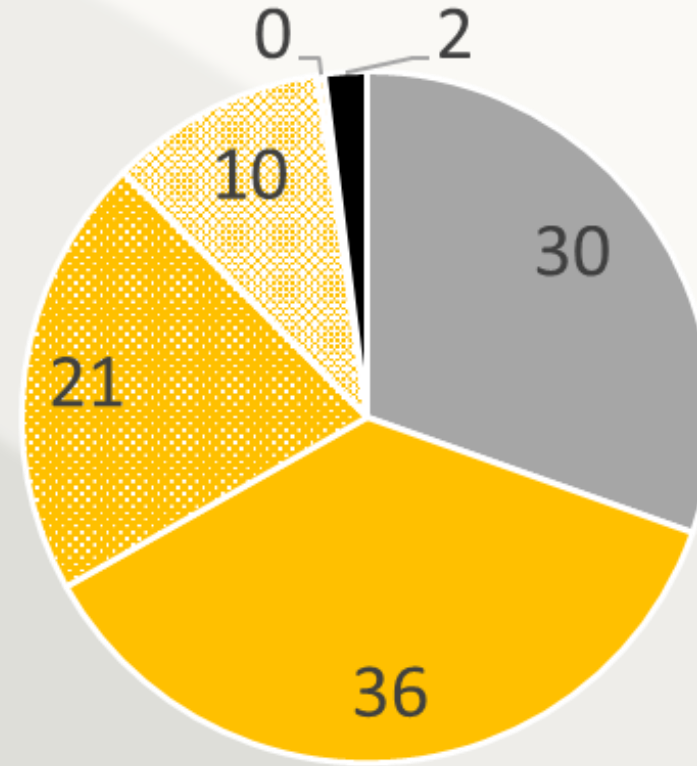


# Meeting the challenge in the 2020s

**CCC Sixth Carbon Budget: where transport emissions cuts must come from, 2020-29**

**30% from demand reduction: substitution of trips or mode shift**

The pandemic has shown that big changes are possible



■ Demand Reduction

■ Electrification of cars

■ Existing fleet efficiency

■ Electrification Light Vans

■ HGVs

■ Other




# The policy response - local



## Tackling the Climate Emergency

Emission Reduction Pathways report  
July 2020

DECLARE A CLIMATE EMERGENCY

ABOUT USEVENTSDECLARATIONS ▾UNITED NATIONS

CLIMATE EMERGENCY ACTION PLANS



BATH & NORTH EAST  
SOMERSET



BLACKBURN WITH  
DARWEN



BLACKPOOL

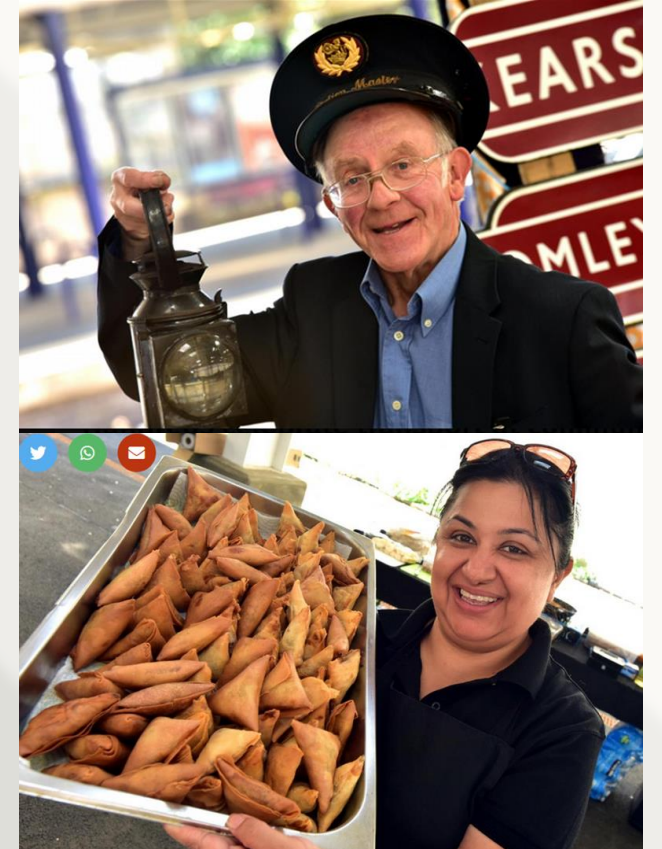
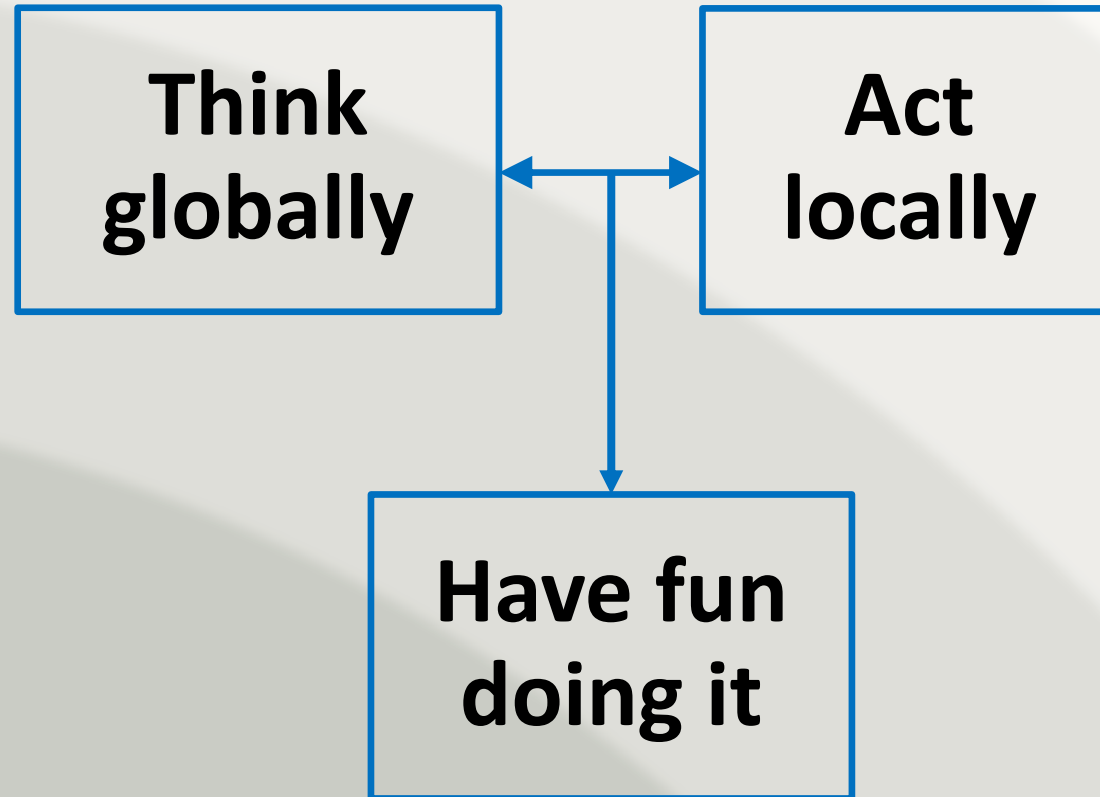
Climate change action plan



South Lakeland  
**CLIMATE ACTION**

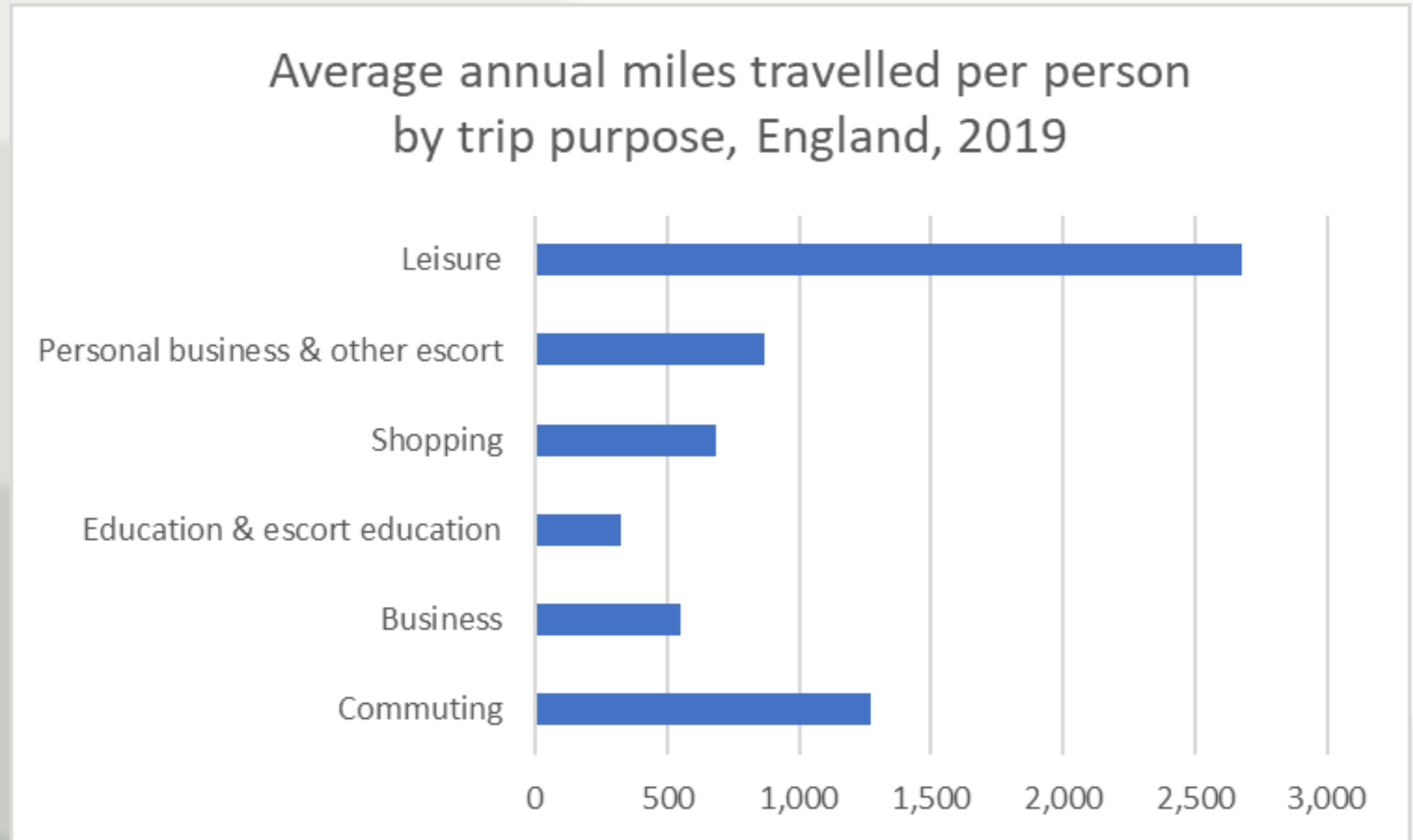


# Community rail and meeting the transport decarbonisation challenge



# Community rail and meeting the transport decarbonisation challenge

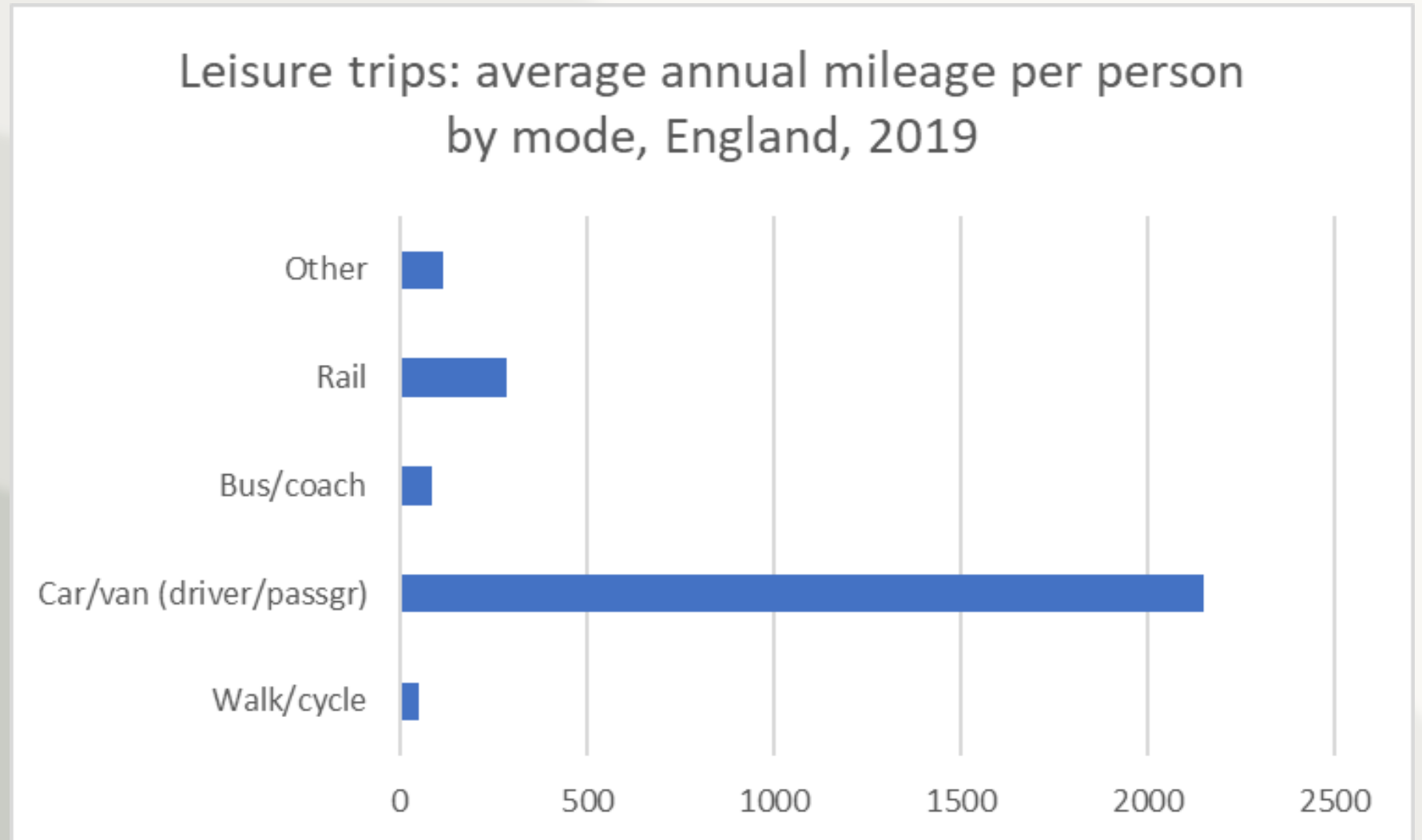
- A particular role in leisure travel/the staycation?





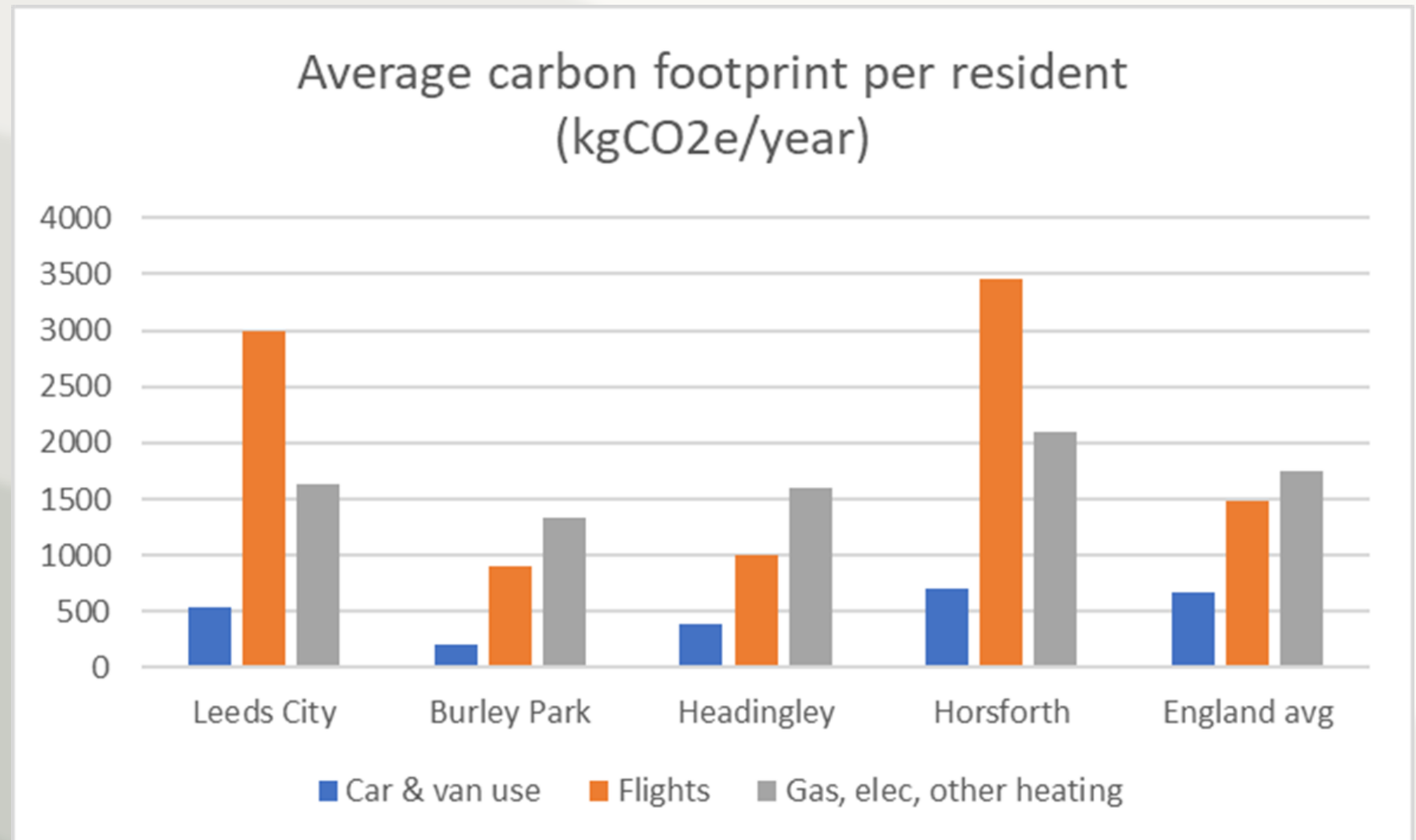
# Community rail and meeting the transport decarbonisation challenge

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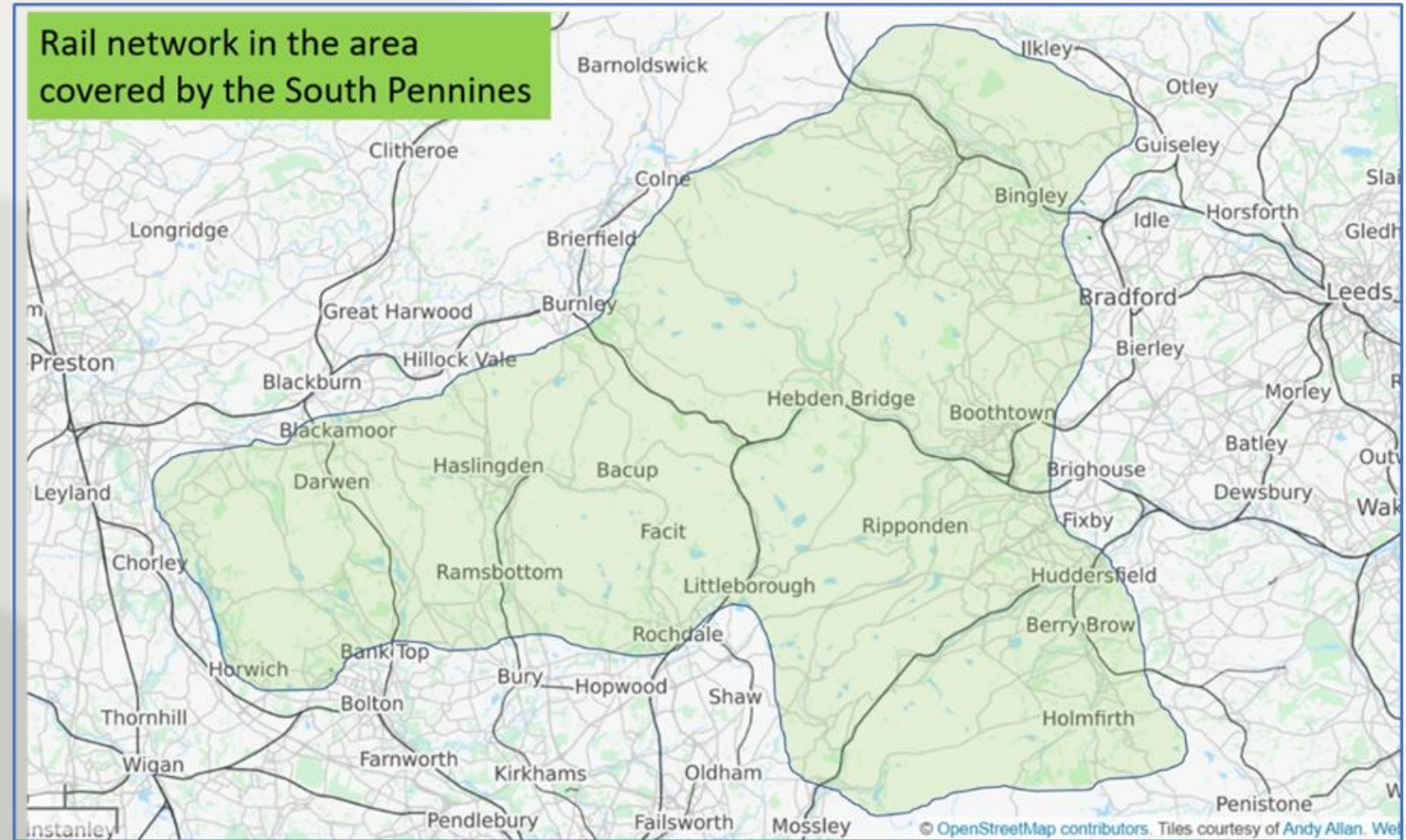
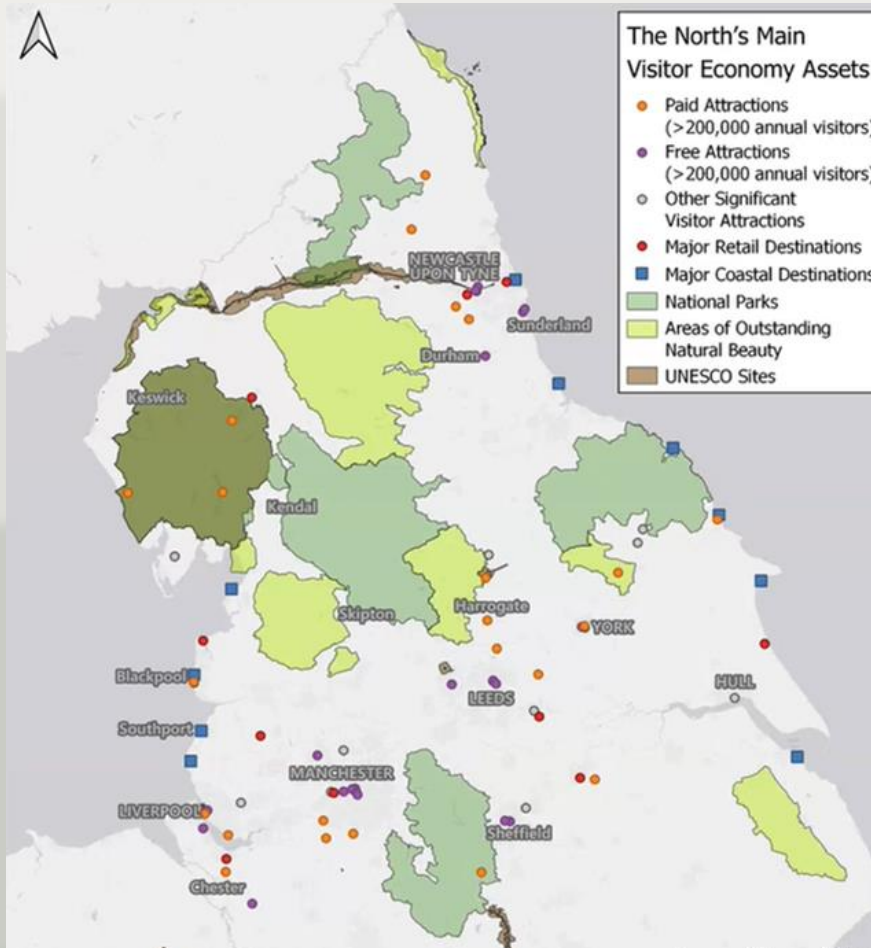


# Community rail and meeting the transport decarbonisation challenge

- A particular role in leisure travel/the staycation?
- The days of flying several times a year need to end.



# Community rail and mode shift for leisure trips: a potential example





# Community rail and mode shift for leisure trips



# Community rail and mode shift for leisure trips

Problem	Example location	Potential demonstration project
Popular 'honeypot' destination with constrained road access – gets overrun with traffic congestion and verge parking on busy weekends.	Rivington Country Park (Chorley); Barrow Bridge (Bolton)	Demonstration of park & ride/shuttle bus from station alongside temporary traffic regulation order to close the road to general traffic
People are unaware of or undervalue the heritage & nature on their doorstep. Meanwhile, small, independent hospitality businesses are struggling and will close down if not supported.	Nature and industrial heritage around Darwen station	Packaged itineraries for discovering the area on leaflet and phone app, marketed widely across the area.
Public transport ought to be attractive for non-circular 'A to B' walks or cycle rides but information can be complicated and single tickets for 'open jaw' itineraries over-expensive.	From Ramsbottom over Holcombe Hill to Entwistle	Multi-modal rail + bus wayfarer tickets, which can be linked to itineraries



# Thank you

