

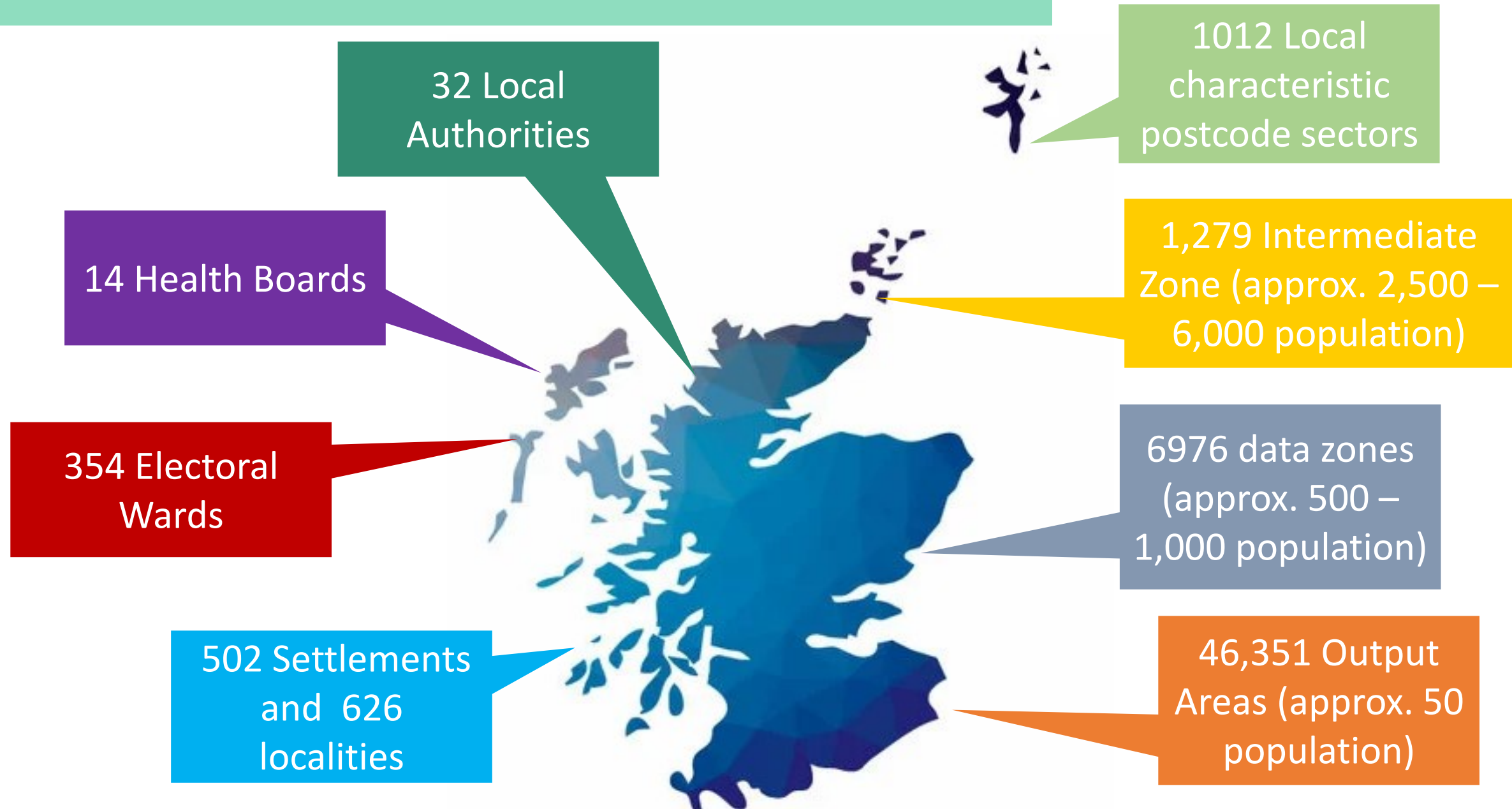


**Place Based Approaches & Climate
Change: Turning Ambition into
Action**

What does the Public Sector need to consider?

- What do we mean by place-based? Clear on definitions
- What emission sources are included? Clear on operational boundary
- What geographical areas are included? Clear on 'organisational' boundary
- How is the footprint going to be measured and monitored? Data sources, accuracy, repeatability
- How are actions going to be assessed? Project carbon costing
- How are we going to keep stakeholders engaged and on-board? Where are the levers?
- Working with the complexity – problems have multiple solutions, multiple beneficiaries, and are interlinked with each other and other sustainability issues

Place-based versus Area-wide – more than a matter of scale?



Place-based versus Area-wide – more than a matter of scale?

32 Local Authorities

1012 Local Characteristic Sectors

14 Health Partnerships

State (approx. 500 – population)

354 Electoral Wards

Place-based working is a person-centred, bottom-up approach used to meet the unique needs of people in one given location by working together to use the best available resources and collaborate to gain local knowledge and insight

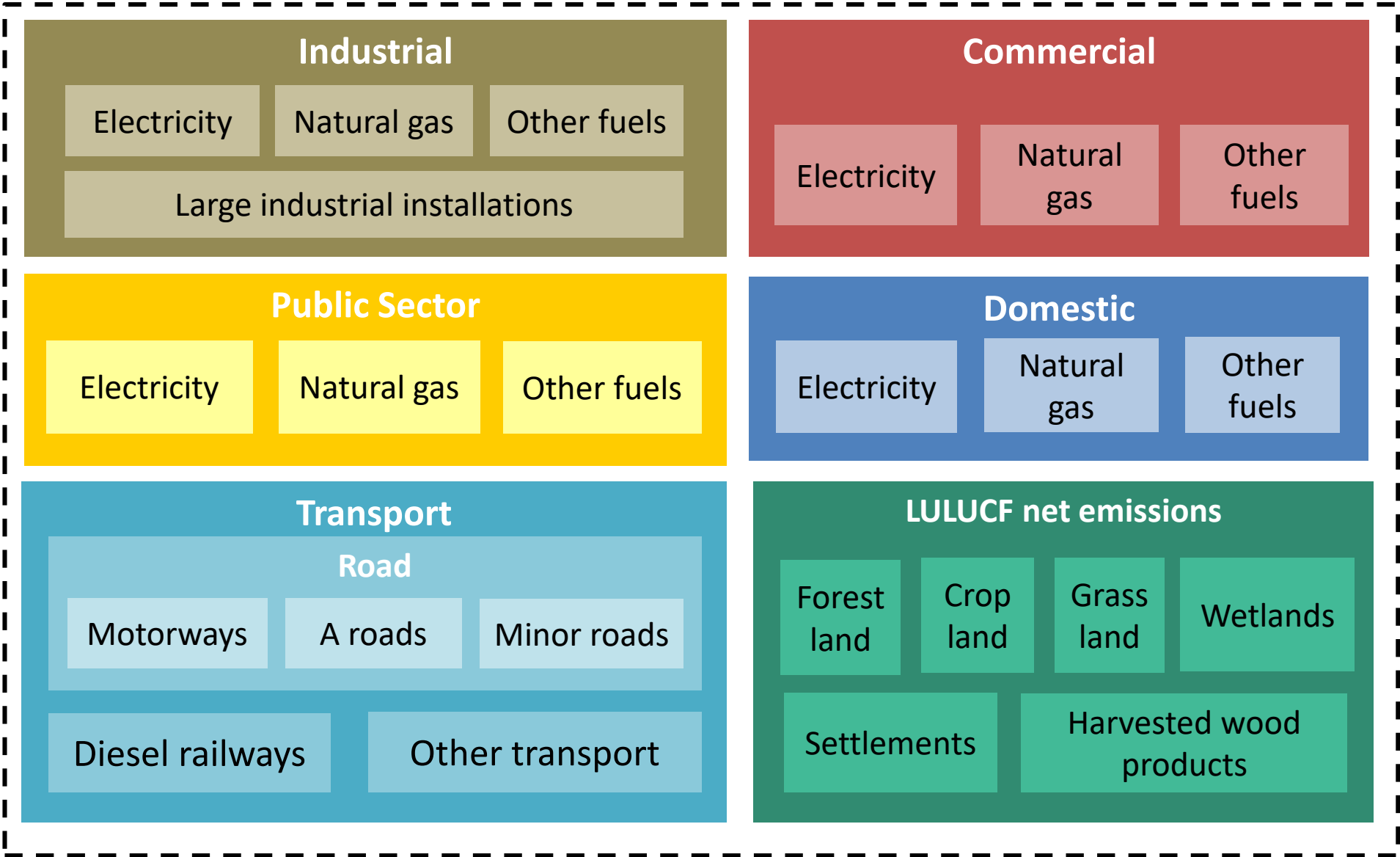
Local Authorities (approx. 500 – population)

502 Settlements and 626 localities

46,351 Output Areas (approx. 50 population)



Area-wide emissions boundary



Supply chain emissions from goods and services

Process emissions from landfilling waste and waste water treatment

Aviation

Livestock

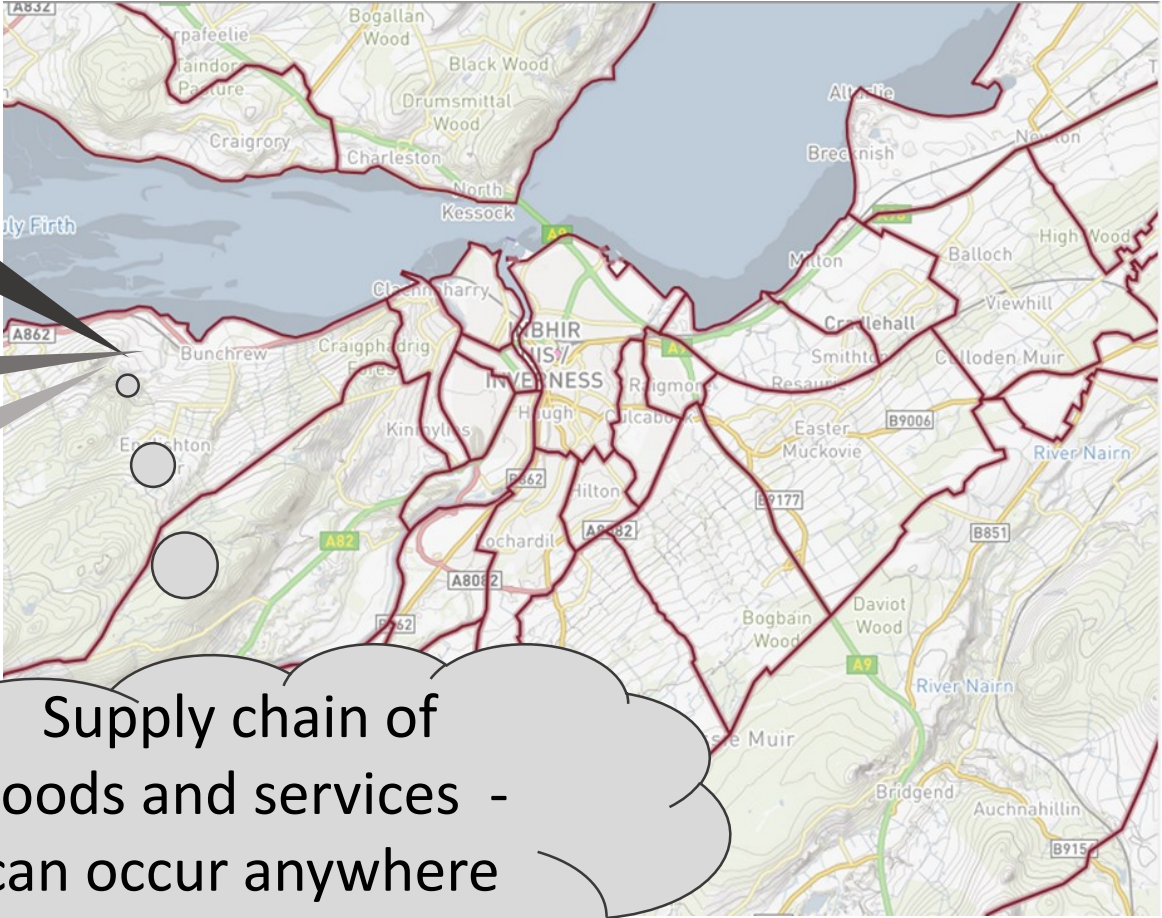
How place-based are these emissions?

Highly locational –
natural gas/heating fuels
used by households

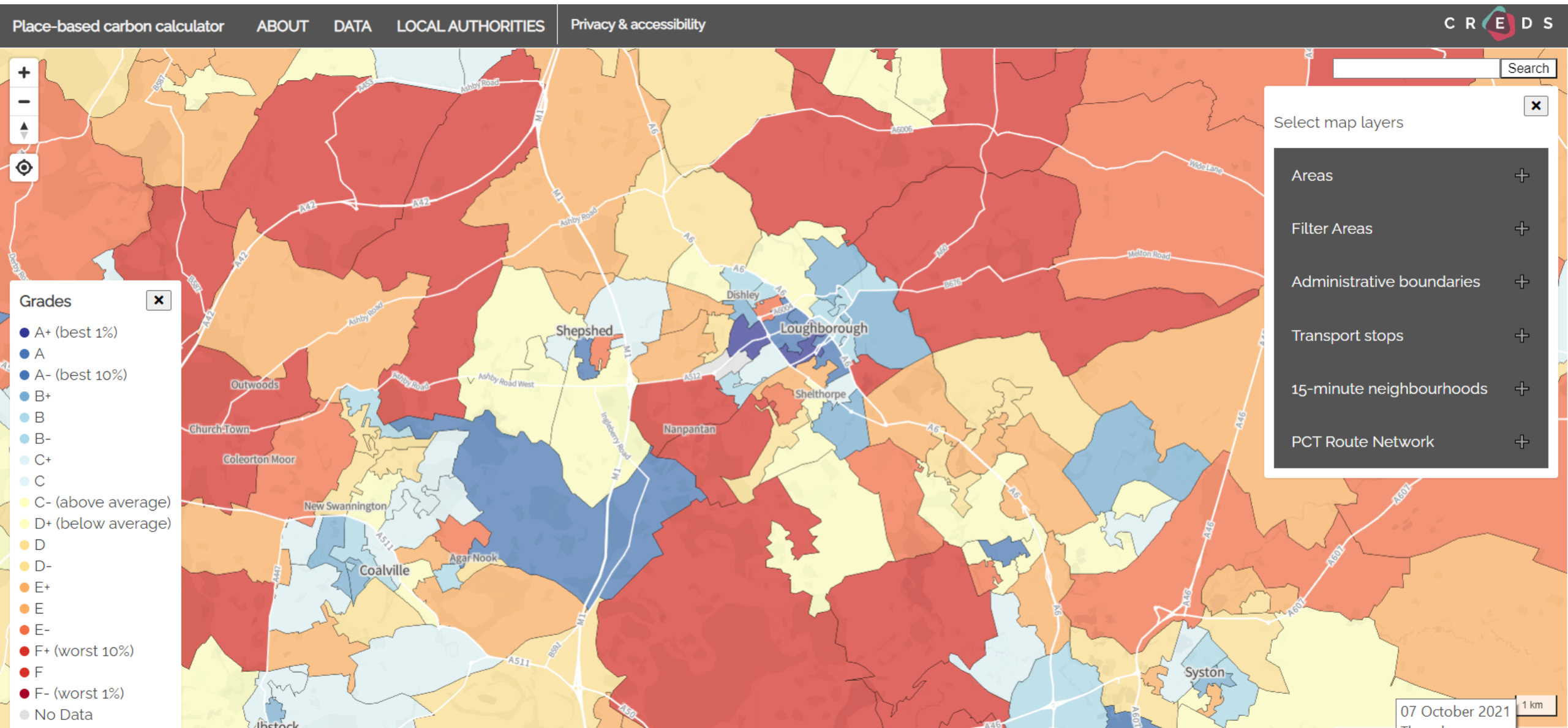
Quasi-locational –
electricity generated
but used at a meter
point

Transport of people
and goods/services –
flows that cross
geographical
boundaries

Supply chain of
goods and services -
can occur anywhere
(and anytime)



Place-based carbon calculator (www.carbon.place)



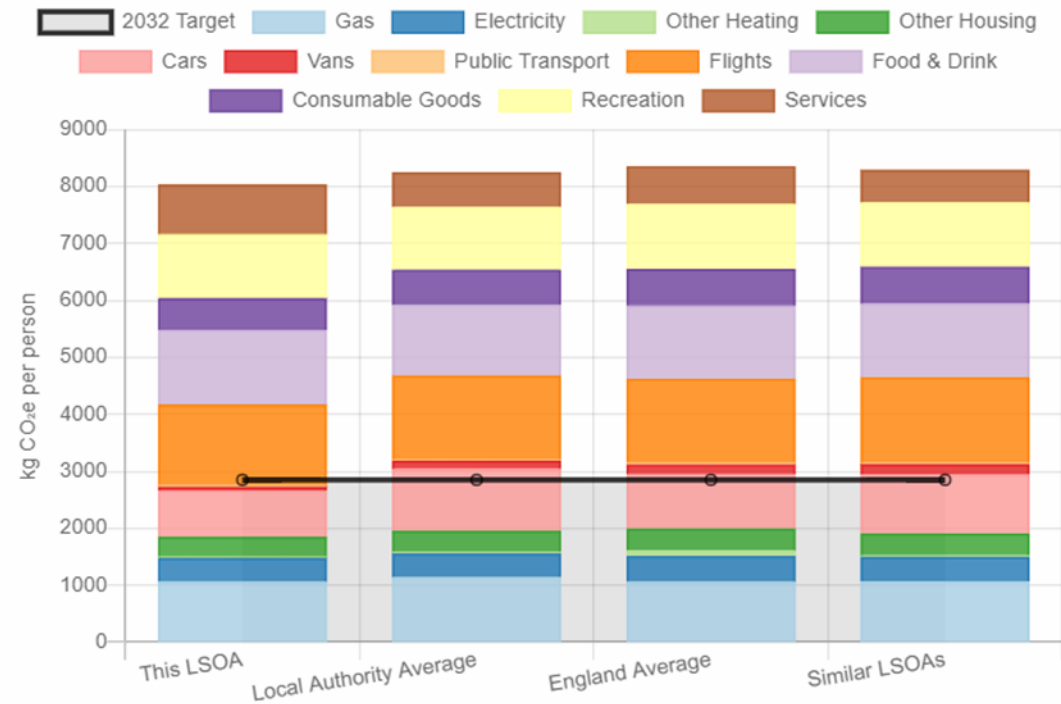
Place-based carbon calculator (www.carbon.place)

E01025716 a 'Aspiring urban households' LSOA in Loughborough Shelthorpe

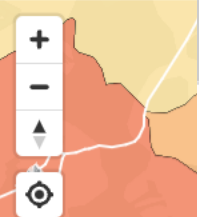
Overview Housing EPCs Transport Consumption General

Overall Carbon Footprint

Name	Grade	kgCO ₂ e per person
Total	D+	8040
Electricity	C-	413
Gas	D+	1060
Other Heating	C+	21.9
Car Driving	C	815
Van Driving	B-	61.3
Flights	D+	1420
Consumption of goods and services	D	4220



Place-based ca



Grades

- A+ (best 1%)
- A
- A- (best 10%)
- B+
- B
- B-
- C+
- C
- C- (above average)
- D+ (below average)
- D
- D-
- E+
- E
- E-
- F+ (worst 10%)
- F
- F- (worst 1%)
- No Data

C R E D S

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07 October 2021

