We want to ensure that transport CO2 emission data is easily available, comparable, and fully accessible so that people, businesses and places can be informed about the carbon emissions associated with their journeys. This data could enable people and businesses to make more informed decisions about how individuals and goods travel, and ensure they have the tools to understand what they can do to make cleaner, greener journeys.

Unlocking and providing data associated with transport emissions will also give a clearer picture of what the transport carbon impact is in local areas. This will enable those places that are the biggest emitters to put in place robust measures to address these challenges as a priority, and help evaluate the impact of measures, working strategically with Government.

The process of estimating greenhouse gas emissions can currently involve using complex models, a range of data sources, and employing significant assumptions. This means that comparisons of different modes on a per-passenger km basis can vary quite widely depending on the data and methods used. We want to explore with you the opportunity to promote accurate, open transport greenhouse gases emissions data and consistent metrics for journey assessments.

If your organisation provides customers with carbon emissions data about their journey, DfT would like to understand the methodology you use to calculate carbon emissions, as well as any comments you have on this.

Please review the questions below, which will be discussed on the webinar:

1. What methodology do you use to calculate journey emissions in your app/service? Please explain in as much detail as possible. We would be happy to receive existing methodology documentation if easier.
2. What source data do you use?
3. What significant assumptions do you make?
4. Do you measure CO2, CO2 and equivalents, wider greenhouse gases or another measure?
5. Do you measure journey emissions in per passenger per mile, per kilometre, or another metric, and why?
6. If you use Government data for your calculations, do you have any comments about it?
7. If the Government were to calculate consistent greenhouse gas emissions data for journeys, how would the data be most useful to you, which methodology would you trust more, and which would be easiest to integrate into your systems?
   a. A coordinate-based system of carbon emissions between various points in the UK;
   b. A carbon emissions per mile or per kilometre system which could be combined with multipliers to calculate an estimate;
   c. Or, if neither a nor b, please suggest an alternative.
8. Do you have any wider views on Government’s role in transport decarbonisation and the role data could play?