




# Steps to Net Zero Webinar 2 - Travel

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Growing Climate Confidence 

# Welcome to Steps to Net Zero



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# A 5-part webinar series for Scotland's Third Sector

- 1 Engagement (watch online)
- 2 **Travel (today!)**
- 3 Waste and Reuse (23rd Jan)
- 4 Energy and Buildings (20th Feb)
- 5 Buying and Selling (19th March)



# Housekeeping!

- Closed captions are enabled should you wish to use them.
- Submit questions via the Q+A facility and upvote those you most want to be answered in the time available at the end.
- A copy of the slides and answers to any questions we don't get to during the session will be emailed out in the next few days.
- Please use the chat function sparingly and respectfully!

# Agenda

Today is all about reducing the environmental impact of travel

- 10 Mins – Intro from Adam
- 10 Mins – Tips from **Valentin Jeanjean** from Cycling Scotland
- 10 Mins – **Jo Seagrave** from CEIS – experience of using Bike for Good's e-bike service
- 15 Mins – Q+A and next steps



# Mentimeter

<https://www.menti.com/alk6ppjxhsty>



# Commuting



# Scope 3 Transport: Commuting



## Key info for commuting data:

- **Distance:** Miles travelled (8 miles per day average)
- **Frequency:** How many days a week
- **Method:** Vehicle

You'll likely need an internal travel survey to do.

Important to include an aspirational one - how do people *want* to get to work?



# Scope 3: commuting

<b>Step 1:</b> Find Sam's commute distance from home	<b>10 miles a day</b> return (5 one way)
<b>Step 2:</b> Find how many days a week they are in	<b>3 days a week</b>
<b>Step 3:</b> Find the vehicle they use	<b>Nissan Leaf</b>
<b>Step 4:</b> Find the conversion factor from UK Gov Figures	<b>0.08kg per mile - Nissan Leaf</b>

# Why does the Nissan Leaf have emissions?

- All vehicles have emissions factors
- Government figures look at “**Well to Tank**” figures, not tailpipe
- Fossil fuels need extracting, refining and transporting
- Electricity often generated from gas
- If you have solar power - your emissions could be 0

*“40% of all emissions from shipping are from transporting fossil fuels”*

# Calculating emissions

10 miles x 3 days a week = 30 miles a week

Working 48 weeks a year = **1,440 miles a year**

**1,440 x 0.08kg per mile = 113kg**

1 Employee

1 Electric vehicle

**113kg a year**



Photo by [CHUTERSNAP](#) on [Unsplash](#)

# Petrol: 276g

1,440 miles x 0.276kg per mile = 314kg CO2e

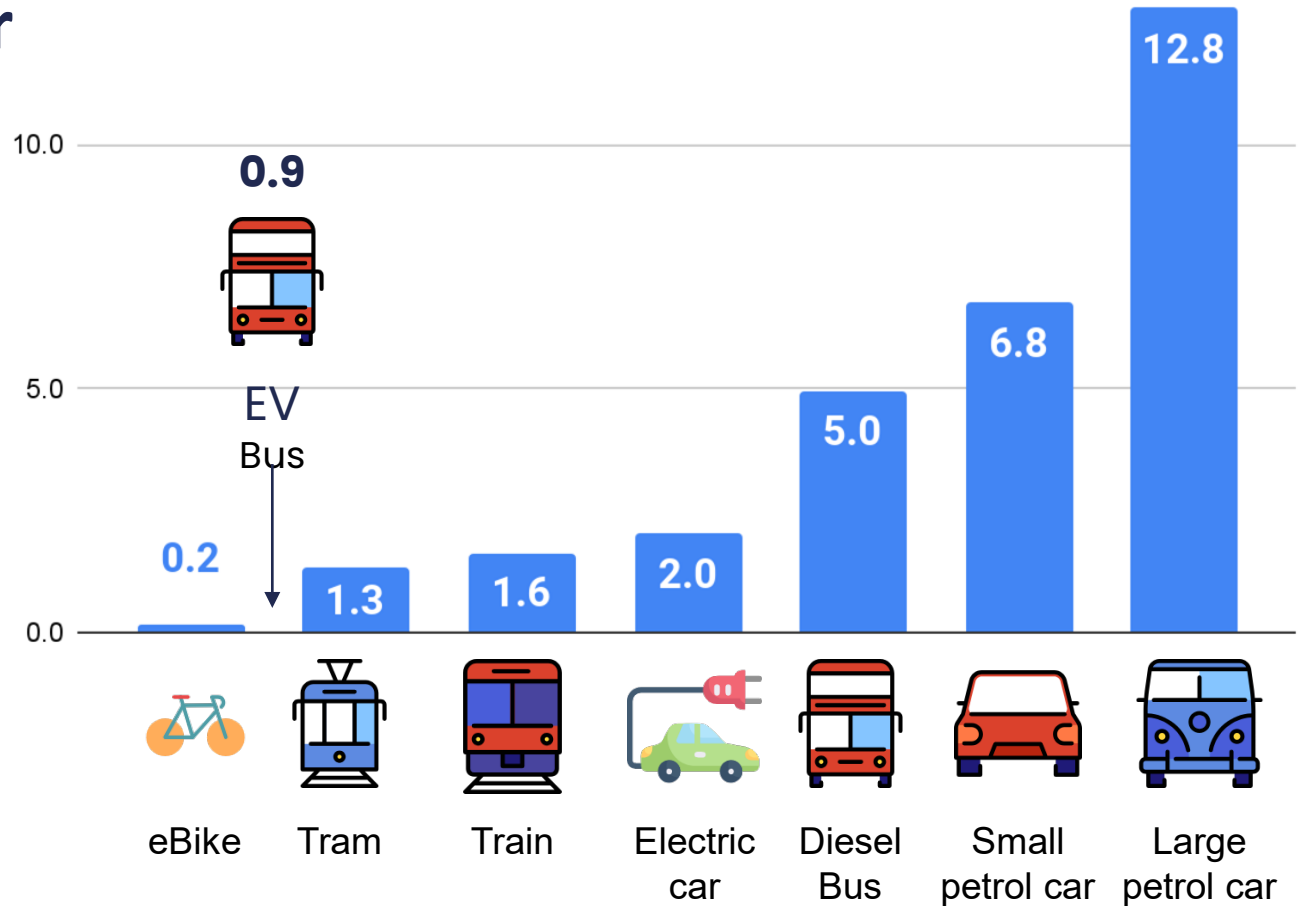
314kg CO2e about the same emissions as from £550 of Electricity



Photo by [Erik Mclean](#) on [Unsplash](#)

# tCO2e per year

- 20 employees
- 3 days a week
- 5 miles one way

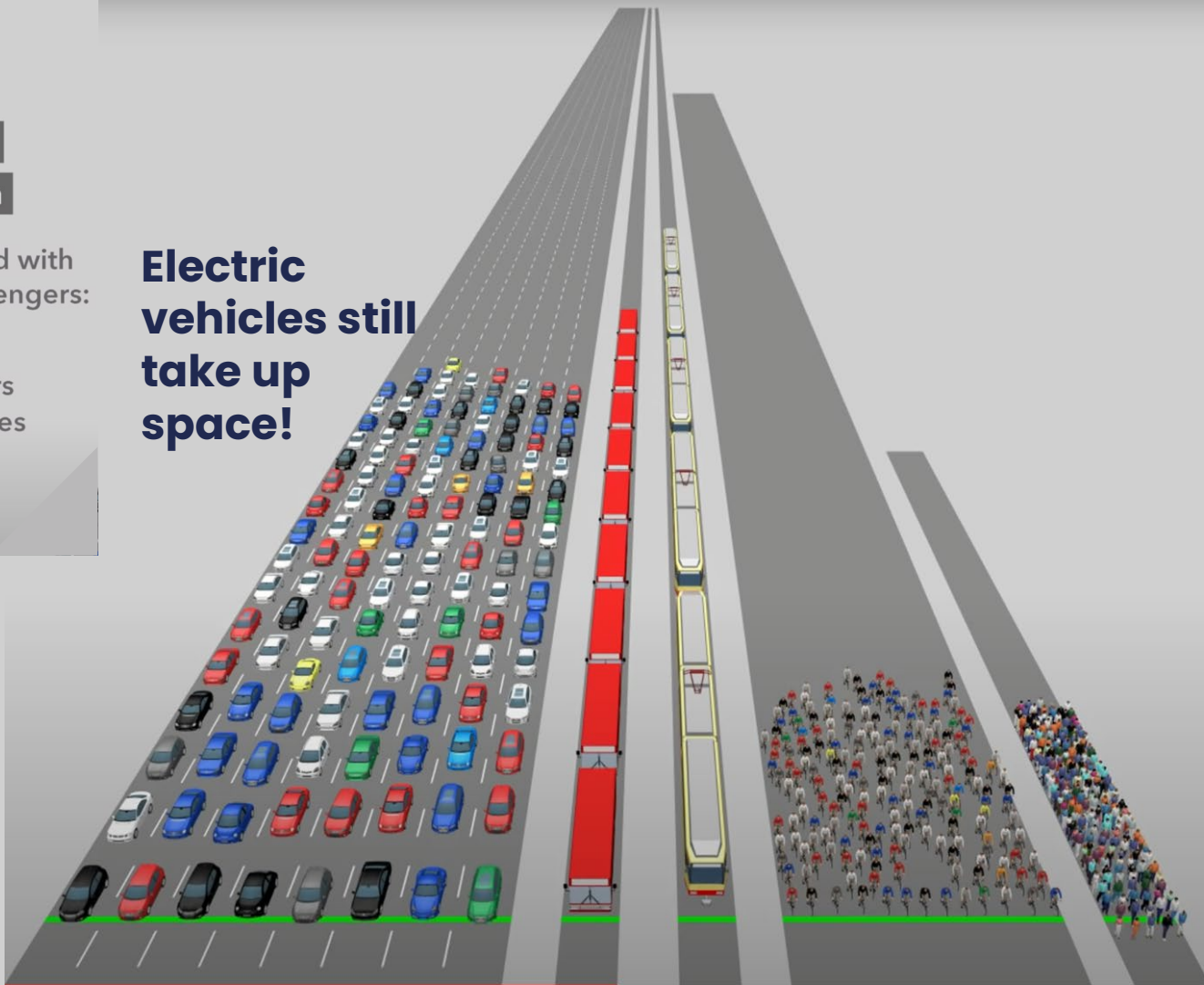


5 modes of transport  
with 200 people each

The vehicles are occupied with  
a typical number of passengers:

- 1.5 people in 133 cars
- 20 people in 10 busses
- 40 people in 5 trams
- 200 bikes
- 200 pedestrians

**Electric  
vehicles still  
take up  
space!**



# What's the Industry doing?



# The Scorecard

- Gives you personalised recommendations
- Gives us insights into the industry and barriers
- 270 completions since launch in March

Growing Climate Confidence 

[About](#) [Learn](#) [Act](#) [Stories](#) [Funding & support](#) [Scorecard](#)

## Take our scorecard



Reducing the emissions of your organisation is an important part of the journey towards a more sustainable future. Use our simple scorecard and template environmental policy to show what you have done already, and what you plan to do next.

### Net Zero Scorecard

Our simple scorecard asks a series of questions about what your organisation is already doing across categories responsible for the highest emissions

- Buildings and Energy
- Travel
- Buying and selling
- Waste
- Engagement

It only takes a few minutes to fill in. Based on your answers we will provide an over all Net Zero score, and a send a series of emails with recommended actions for you in each category.

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### Thank you for taking the scorecard Growing Climate Confidence

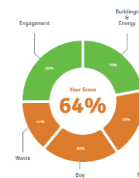
Your full report has been emailed to:

If you would like further guidance and support, don't forget to check the [Climate Confidence 100000](#).

Get better ideas on where you can start reducing below.

Over the next four weeks, we'll be sending you tailored tips based on your answers to help you get started.

● low ● medium ● high



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# Geographic Breakdown

- Glasgow, Edinburgh, South Lanarkshire about 50% of total respondents
- Long way to go!



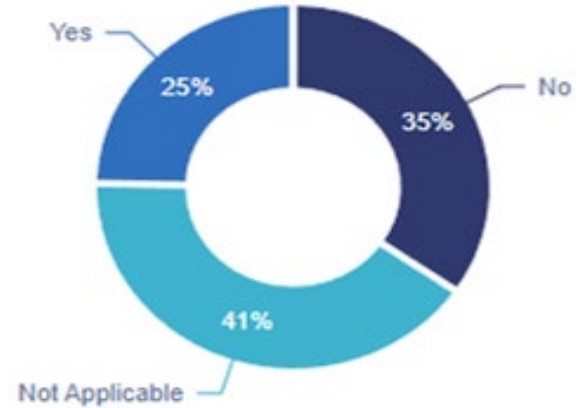
<b>City of Edinburgh</b>	<b>19%</b>
<b>Glasgow City</b>	<b>19%</b>
<b>South Lanarkshire</b>	<b>13%</b>
The Highlands	5%
Aberdeenshire	4%
Stirling	4%
East Renfrewshire	3%
Outwith Scotland	3%
West Lothian	3%
<b>Other</b>	<b>27%</b>

# Flights to London

One Glasgow to London Flight = **360kg**

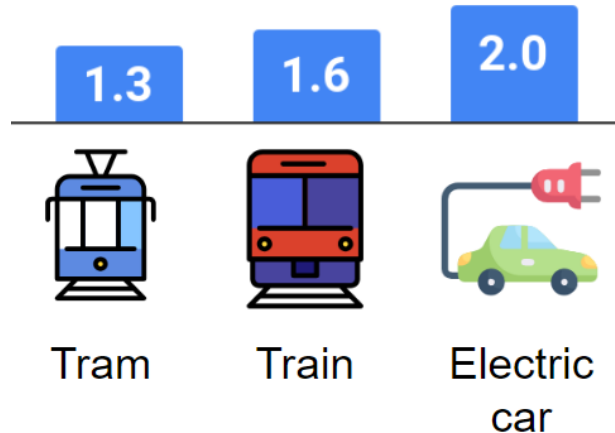
Highlands and Islands?

Do you have a no-fly organisational travel policy for domestic trips?

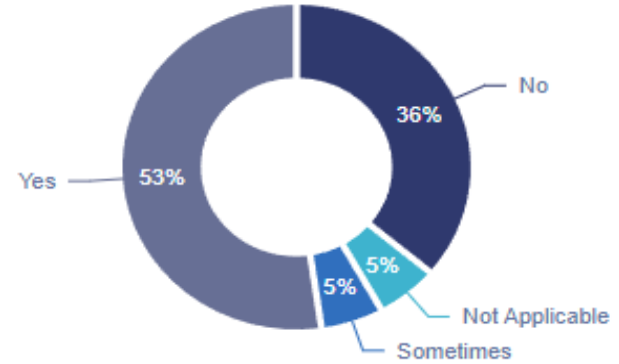


# Cars Win

- Location of activity a big challenge here
- 36% No is a surprise
- 53% yes is an issue - even EVs are higher carbon to public transport



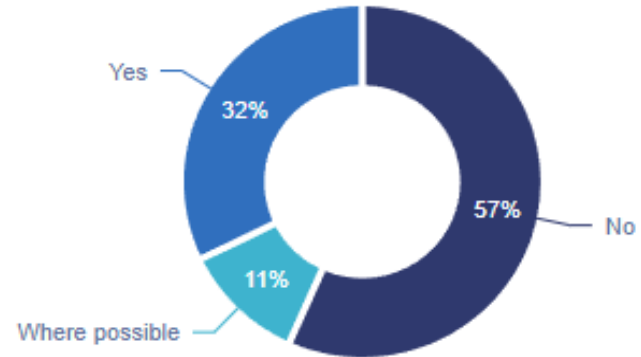
Do staff and volunteers mostly commute to work by car?



# Use Your Influence!

- Public transport may not exist
- Are you supporting the campaign for it?
- **Get Glasgow Moving**
- Be the change!

Have you campaigned to improve public transport and walking, wheeling and cycling to your spaces?



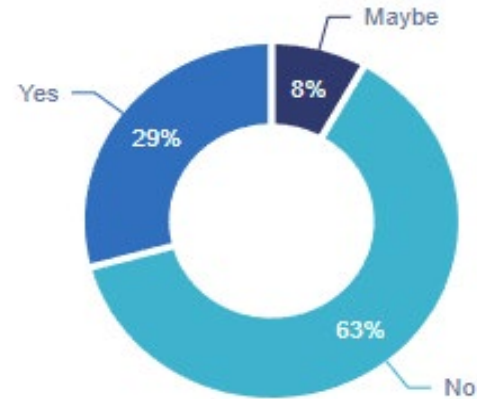
# Cycle to Work Scheme

Do you offer a Cycle2Work Scheme?

More on this next from Valentin!

8% Maybe - uncertainty even if it does exist

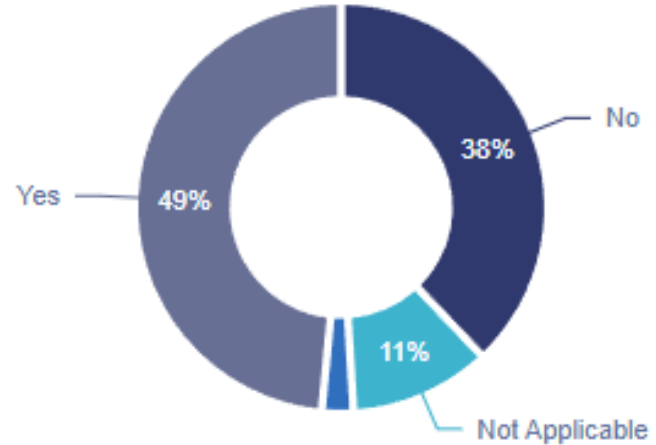
63% is shocking



# Bike storage

- Half of the industry has secure bike storage, but 63% don't have a cycle scheme!
- 49% is great BUT:
  - How many of you have Car storage?

Do you offer secure onsite bike storage?

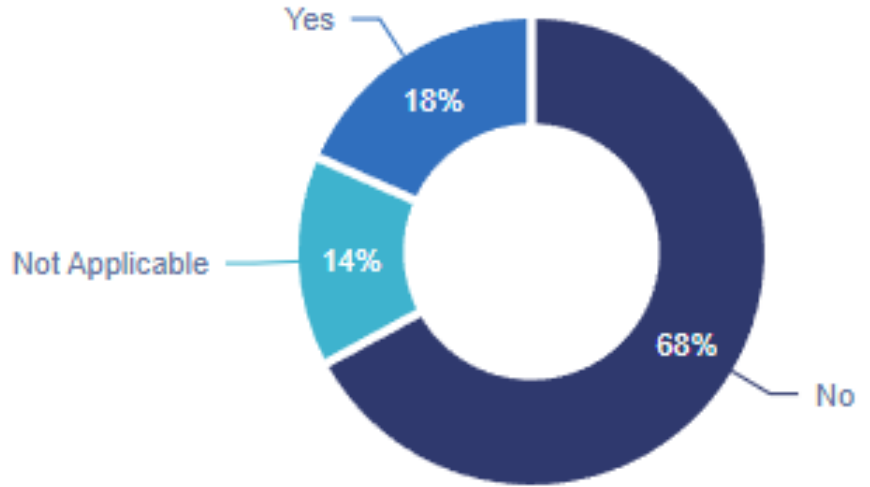




# EV Charging

- Grants available!
- EV Charging part of that system change
- Don't forget bike storage too

Do you offer EV charging at your premises?



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**Cycling  
Scotland**

## Active travel

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**Valentin Jeanjean**  
Cycling Scotland

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## Case Study

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**Jo Seagrave**  
CEIS Group

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**Next Steps!**

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# 1 Measure your footprint

<http://climateconfident.scot/scorecard>

Thank you for taking the scorecard  
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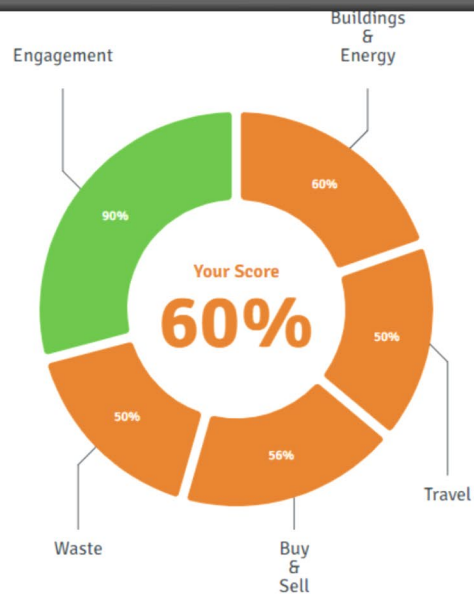
Your full report has been emailed to beth.murphy1@gmail.com. [Change email address](#)

If you would like further guidance and support, don't forget to check the [Climate Confident website](#).

Get some ideas on where you can start reducing below.

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● low    ● medium    ● high



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## Submit a story to SCVO!



To encourage staff to participate in active travel we have hired two electric bikes from local social enterprise, Bike for Good via their Switch Up subscription service. Staff can book the bikes via our booking system to travel to client meetings. This is a pilot project we're running for a couple of months in the hope it will motivate staff to look at more active ways to travel for business and personally. **Jo Seagrave, CEIS**



At Scouts Scotland we are taking actions to make our Outdoor Activity Centres greener, and also bring young people along on that journey with us. We've recently installed food composters on all of our sites, so that the organic material leftover when groups eat with us can be turned into zero-mileage compost. **Lisa, Scouts Scotland**

### 3 Get support from Just Enterprise

Funded by The Scottish Government, Just Enterprise is the go-to source of support for social enterprises and enterprising Third Sector organisations.

Register now to access:

- Start-up advice
- One-to-one business support
- Leadership programmes
- Workshops
- E-learning



<http://www.justenterprise.org>



Join us for Webinar 3:

# Waste and Reuse

23<sup>rd</sup> January 2024

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