



Rossendale Climate Emergency Action Day 2021

#COP26Rossendale

Rossendale
BOROUGH COUNCIL

Rossendale Council taking a leadership role on Climate Change:
<https://www.youtube.com/watch?v=saXKt-z0UJ0>

Community Buildings Carbon Reduction Grants

Adam Allen

Director of Communities

Community Buildings Carbon Reduction Grants

- A four year carbon reduction grant programme
- In partnership with the East Lancashire Chamber of Commerce – who will provide free carbon audit for eligible organisations
- This fund is for smaller community organisations not registered as a business and which own or rent community buildings.
- Year one focus is carbon reduction in buildings
- £50,000 is available for community organisations in Year 1. The Grant available for 100% project costs up to £5000.

Community Buildings Carbon Reduction Grants

- **Selection Criteria**
- All recipients must be Rossendale based and all projects must take place in Rossendale
- Funding for successful scheme should not be available through other funding routes/grant schemes
- Potential schemes must be evidence based and judged on their impact on carbon reduction
- Only one scheme per organisation will be funded in any one financial year

Community Buildings Carbon Reduction Grants

Some examples of eligible products for RBC carbon reduction grants:

- Renewable energy technologies
- Battery storage
- Lighting and controls
- GAS LPG or oil boilers
- Heat-pumps and air conditioning
- Infrared and electric heating
- Heating and cooling controls

Community Buildings Carbon Reduction Grants– how to apply

- Email RBC to register interest:
climatechange@rossendalebc.gov.uk
- Complete Chamber of Commerce registration form for Carbon audit
- Complete RBC capital grant application form
- Send completed grant application with 3 quotes for work to CoC for review

Community Buildings Carbon Reduction Grants– assessment process, payment and follow up

- RBC grants panel review applications at the monthly panel meeting
- RBC inform applicant on outcome within 7 days of panel decision
- CoC sign off once work completed
- RBC process payment following CoC sign off
- RBC liaise with CoC on 12 month follow up and collate carbon reduction data

Community Buildings Carbon Reduction Grants

- Contact us on climatechange@rossendalebc.gov.uk for registration, application forms and guidance notes



PLEDGE TO PLANT

As part of Rossendale Councils commitment to reducing our carbon footprint we have pledged to plant a tree for every child in the borough over the next three years. That's around 16,000 trees and will create Rossendale Forest across the borough.

The first stage of the project is to plant around 6,000 trees by April 2022.

The trees being used will all be native tree species, so we'll be enhancing our natural eco system.

Tree planting is a simple solution that can play a large role in ecosystem recovery and reduce climate change impacts. The right tree planted in the right place can have multiple, far reaching economic, environmental, and social benefits. It can help to:

- ✓ *Reduce the chance and severity of flooding events locally and downstream*
- ✓ *Improve water quality and stabilise soils*
- ✓ *Absorb atmospheric carbon and reduce global temperatures*
- ✓ *Support wildlife, increase biodiversity and environmental resilience*
- ✓ *Increase social and amenity value*
- ✓ *Improve the look of the area and increase the value of local homes*
- ✓ *Improve air quality and reduce noise levels*

This is a fantastic opportunity for you to help make a real difference to our environment now and for future generations.

We will be hosting tree-planting events throughout this winter, especially during tree planting week which begins on the 27th November and we're looking for your help to plant these beautiful trees.

Pledge to plant and register now

<https://bit.ly/rbcforest1>

5 easy steps to tree planting



This is a simple five step method to planting tree whips. Slit planting is suitable for bare soil and grass, and it can be easier than pit planting, especially if you've got stony soil.

Step 1

Press your spade all the way into the ground, then push it forwards to create a slit. Make sure it's deep enough for the tree roots.

Step 2

Keep the slit open with your spade and place your tree inside with the root plug about 2cm below ground level.

Step 3

Remove the spade and push the soil back around the tree.

Step 4

If using tree guards or spirals to protect your saplings, this is the stage to add these. Press the protection firmly into the soil.





ROSSENDALE
FOREST



Facebook.com/RossendaleForest



Instagram.com/RossendaleForest



Twitter.com/RBCForest

Energy efficient homes and communities

Rossendale
BOROUGH COUNCIL



VALLEY
HERITAGE



Just because its old doesn't mean its irrelevant

- Who are Valley Heritage?
- Our Philosophy
- The Lancashire & Yorkshire Bank Project
- Community Renewal Fund Announcement

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Who are Valley Heritage?

- A Heritage Development Trust
- A registered charity
- Aspire to re-use redundant heritage assets across the area for uses which benefit the community
- Five volunteer Trustees
- Lots of amazing volunteers!
- Brought £1.2 million of funding into Rossendale since 2019

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Our Philosophy

- Old spaces and places are amazing!
- They are a crucial part of our cultural legacy
- They need to adapt to the changes society demand
- But... shouldn't lose what makes them special in the process of adaptation

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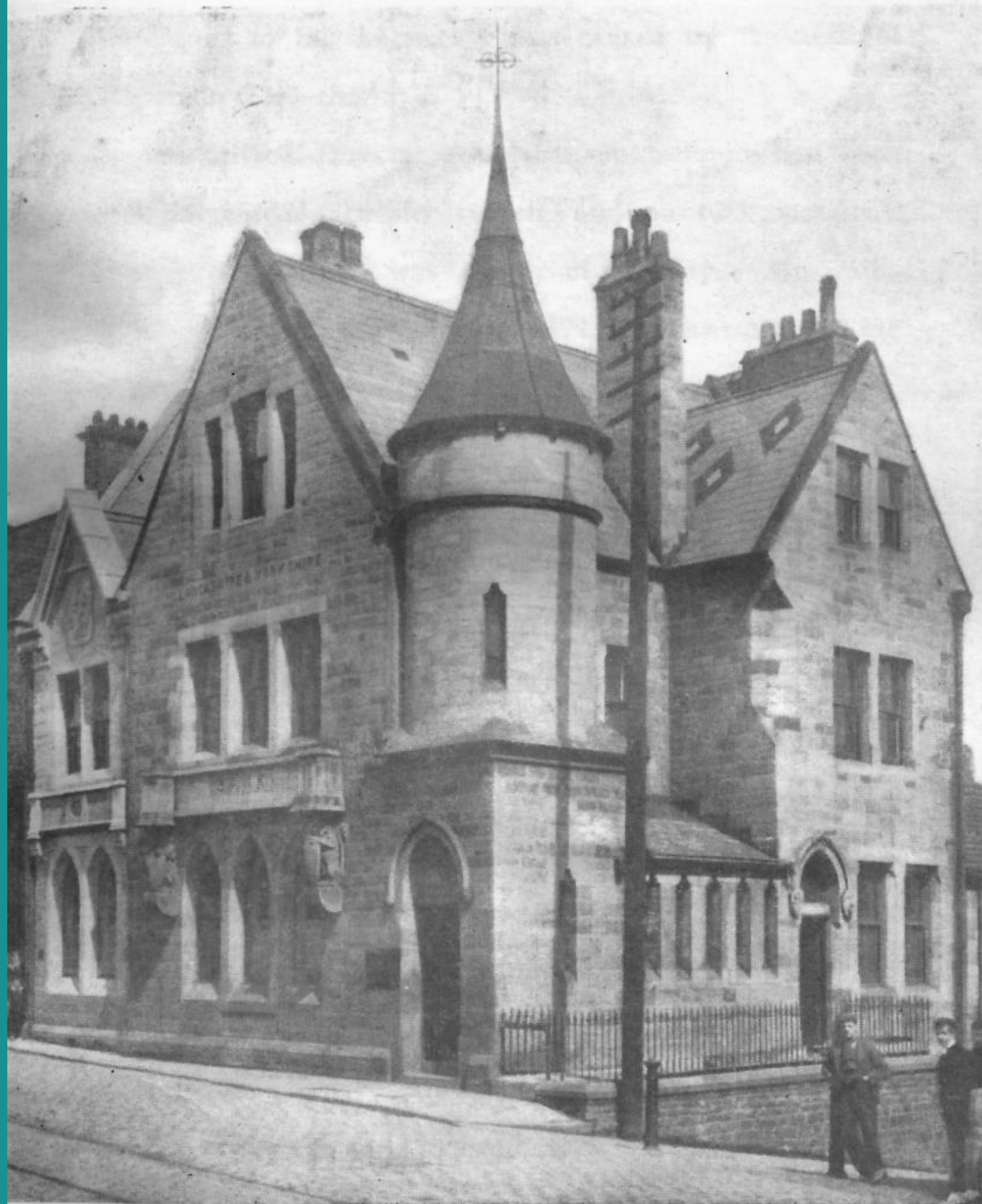


Our Philosophy

- Old spaces and places **MUST** adapt to climate change
- They can be an important part of limiting / preventing climate change
- They exist and so don't have to be created anew
- Less material (and carbon) will be used in adapting them than in creating a new equivalent
- BUT... their energy consumption must be reduced
- AND... new adaptations must be designed with climate in mind

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The Lancashire & Yorkshire Bank

- Grade II Listed
- Purchased 2019
- Was in a poor use as bedsits

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The Lancashire & Yorkshire Bank

- Refurbishment and re-purposing to be:
 - Co-working Space
 - Apartments

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The Lancashire & Yorkshire Bank

- Opportunities
 - Improve air tightness
 - Improve insulation
 - Low energy systems
 - Renewable energy use
 - Recycling / upcycling
 - Encourage sustainable transport patterns

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The Lancashire & Yorkshire Bank

- Challenges
 - Landlocked site – little external space
 - Conservation Area
 - Grade II Listed Building

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The Lancashire & Yorkshire Bank

- Solutions
 - Use – potential to limit commuting and carbon expended through travel – encourages sustainable transport patterns
 - Secure cycle storage and e-bike charging



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The Lancashire & Yorkshire Bank

- Solutions
 - Air tightness – replacement windows and doors, all sealed and draft stripped
 - Low energy heat recovery ventilation – avoids heat being lost through ventilation

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The Lancashire & Yorkshire Bank

- Solutions
 - Insulation – new windows are double glazed
 - Where plaster is being replaced, an insulating lime plaster will be used

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The Lancashire & Yorkshire Bank

- **Solutions**
 - Renewable energy – Air Source Heat Pumps being installed to heat apartments
 - Not enough external space to use for the co-working space or for ground source
 - Not enough south facing roof for solar PV or thermal

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The Lancashire & Yorkshire Bank

- Solutions
 - Furniture being made from recycled pallets
 - Upcycled desks
 - Working with local supply chain who will gain skills through the project

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Community Renewal Fund

- Valley Heritage have been successful!
- Sustainability project focusing on:
 - Skills development for local tradespeople and construction professionals
 - Advice to homeowners
 - Establishing a community renewable energy company

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Email: info@valleyheritage.org.uk
Website: www.valleyheritage.org.uk
Twitter: [@valley_heritage](https://twitter.com/valley_heritage)



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Residents and
Renewables

Improving the Existing Housing Stock

- By 2030 all THA properties for rent will be an EPC C rating or above
- By 2035 all THA domestic property heating systems will have transitioned away from fossil fuels
- By 2035 THA will have established a virtual power plant of over 50 megawatts across its stock using solar PV and battery systems

Together Housing Operations and New Build

- By 2030 THA operational carbon impact will have been reduced by 50% from its 2020 position
- By 2030 all THA new housing will be EPC A rated for energy efficiency and carbon impact
- By 2030 THA will be a fully carbon literate organisation that will inform its customers of its values through all its action, products and services



Renewables and efficiency Investment in our Homes

We're in this together



This is not deliverable without the positive cooperation of residents.

There will be periods when we ask a lot of our residents, not least patience.

Are our residents concerned about climate change?

Do they know what we will need to do to our homes?

Can we get buy-in and support for future investment and if so what's the deal?

How do we get from where we are now to be where we need to be to meet our delivery ambitions?





Knowing our audience: Resident research





31,184 Residents consulted

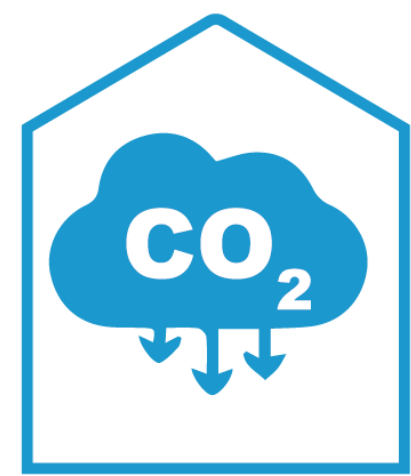
2.8% 872 surveys completed

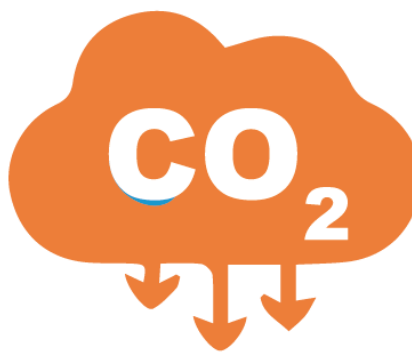
74.5% 
Residents believe It is important
to live a 'green' lifestyle

5% 
Residents feel climate change
is not important to them

90% 
Residents currently recycle

66.3% 
Feel that Together should do
more to encourage
a 'green' lifestyle

83.9% 
Feel that Together should
reduce carbon emissions
from homes

83.9% 
Are interested in government
plans to reduce country's
carbon emissions

Resident research



Most important to residents when installing new heating systems

1. that it reduces heating bills (**94.9%**)
2. that it makes homes warmer (**90.7%**)
3. that it is better for the environment (**90.6%**)

Most important considerations of retrofit work

1. how long it would take?
2. what is the cost to the resident?
3. what is the disruption to the resident?

Interested in hearing more about GGT?

58.9% said yes

Interested in helping us develop our GGT campaign

31.5% said yes

Communication campaign



- A big challenge and we have big ambitions.
- Time, effort, residents' support and investment are going to be needed to achieve our targets. There are no quick and easy answers. It will take years, not months.
- But by working together, we can achieve change.
- We can reduce our carbon emissions
- We can **Go Green Together.**

Community Active Travel

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Newground Together

Climate Action Day 10th November 2021

Active Together Walking & Cycling

Various community projects engaging people of all ages and abilities to improve their physical, social and mental wellbeing through exercise.

Lifestyle

On Average UK adults spend how
many hours a week watching on
demand TV?

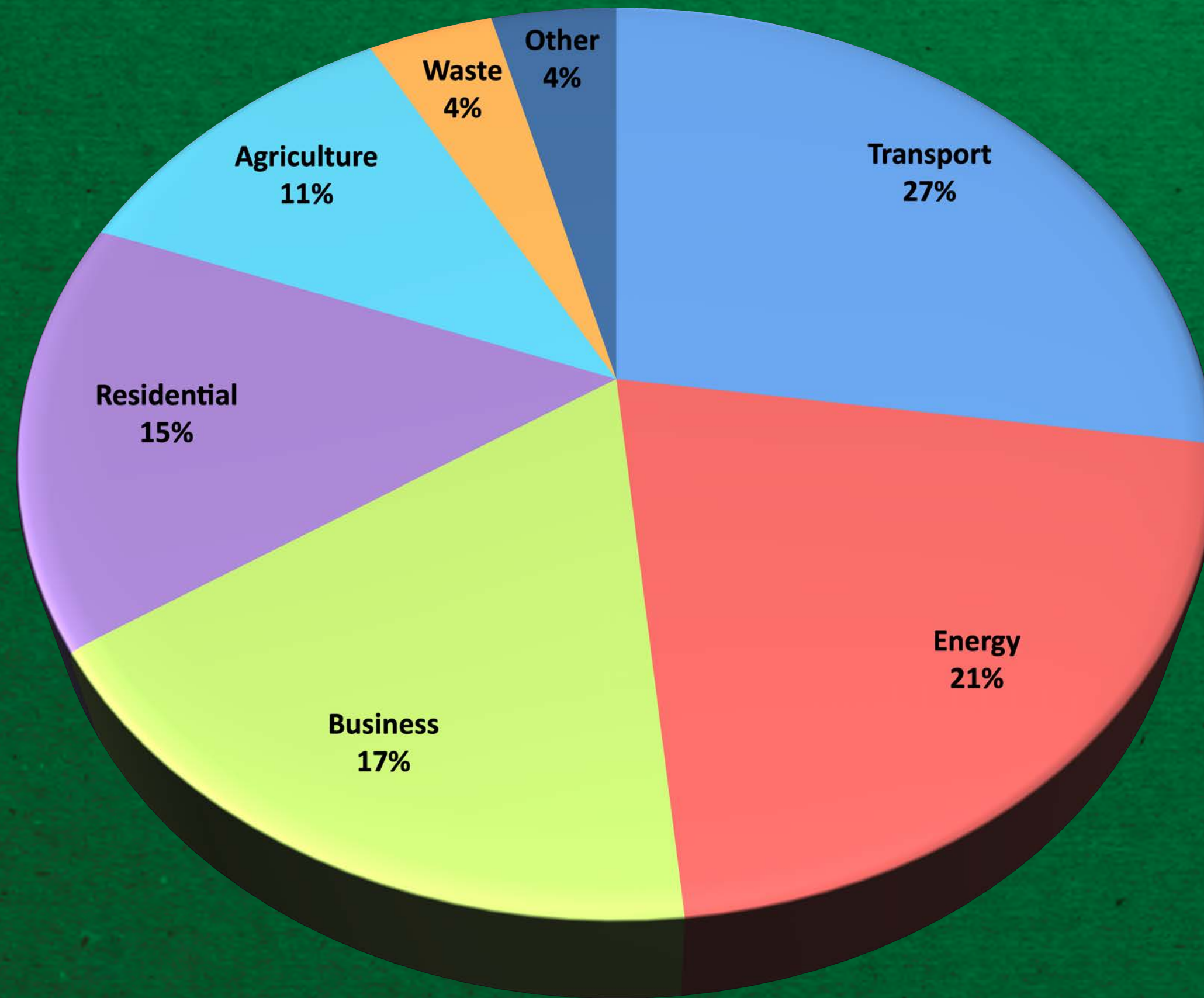
12

Physical Activity

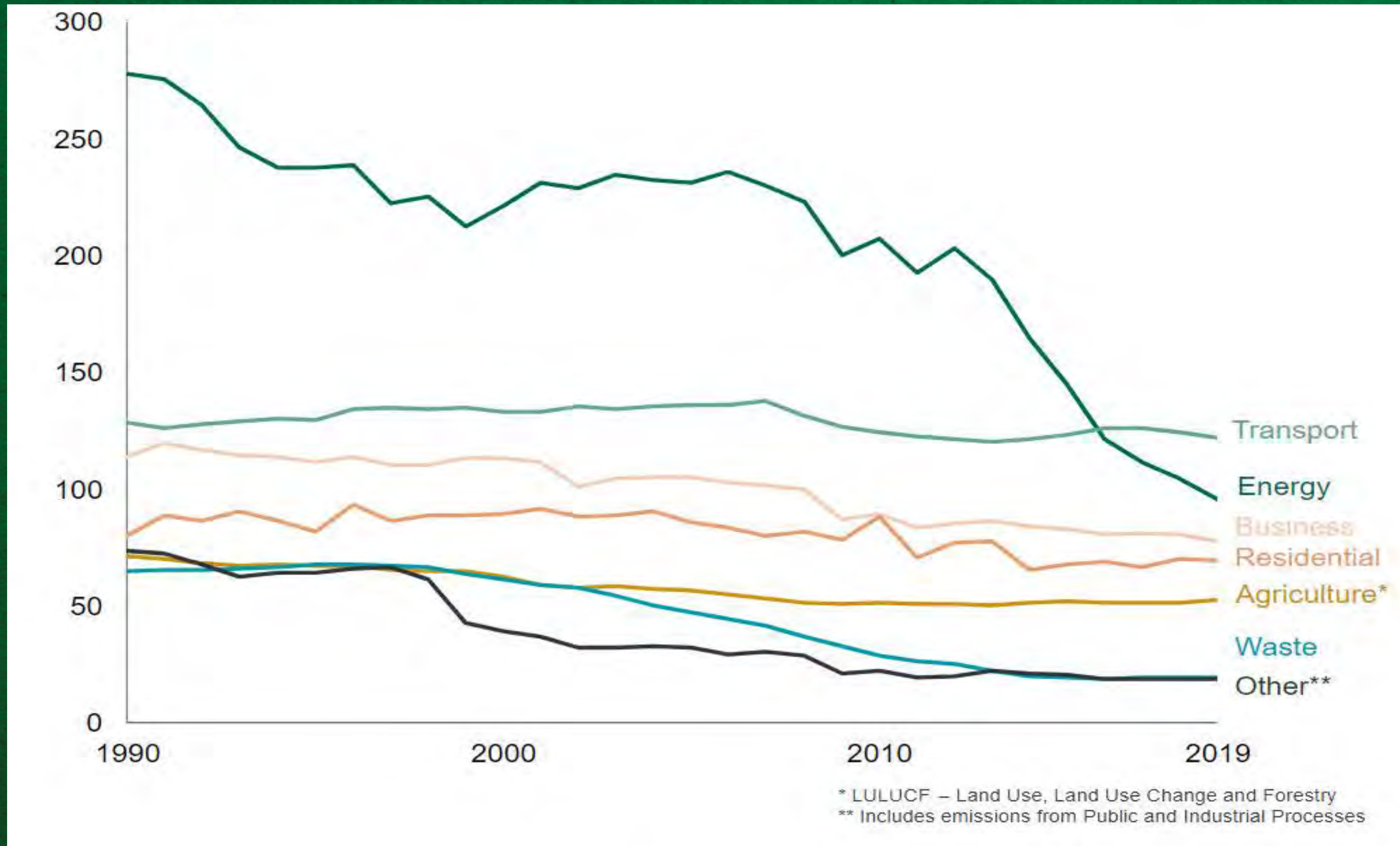
On Average UK adults spend how many hours a week being physically active?

1.5

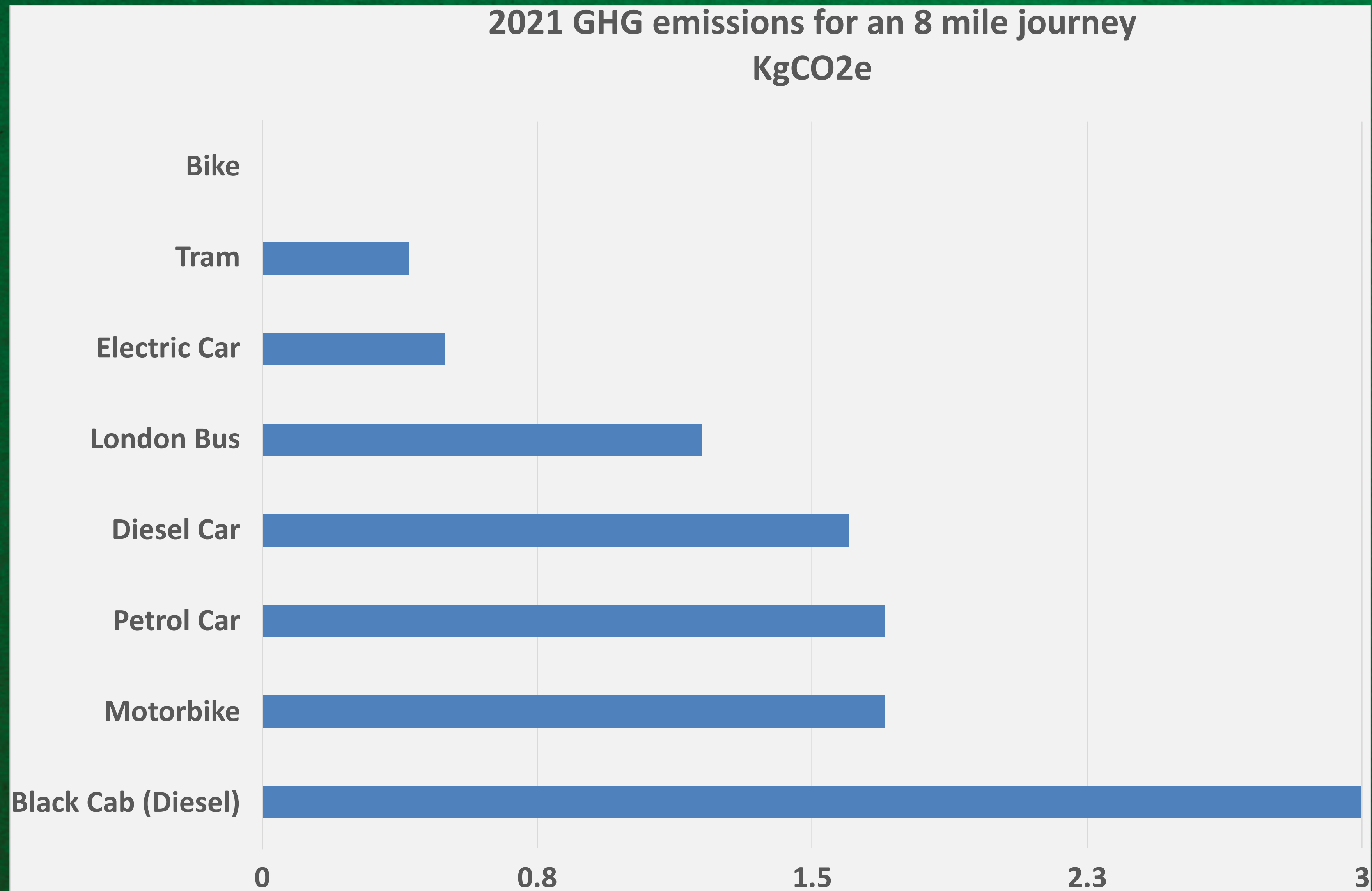
Greenhouse gas emissions by sector



Greenhouse gas emissions by sector



CO2 emissions single passenger



Milage & fuel use

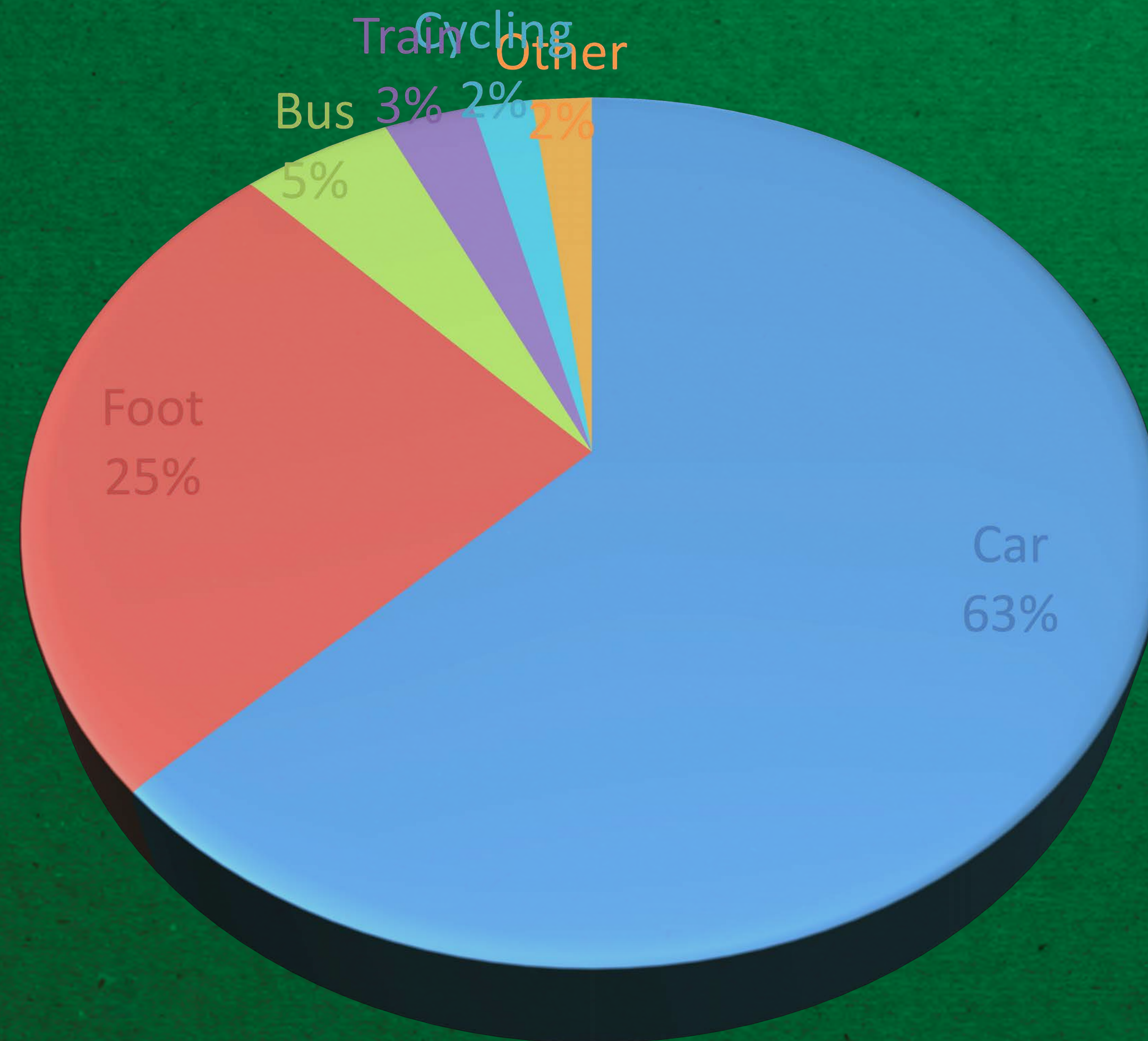
1st - 78% Cars

2nd - 16% Vans

3rd - 5% HGV's

4th - 1% Buses & Coaches

Modes of Transport in England



Our Trips

- 68% are under 5 miles
- 23% are under 1 mile

Reasons to travel in England

33%

of all trips are for
business and education

School trips 2 – 5 miles

- 80% Primary by car
- 86% Secondary by car/bus

Lets



your community is our business



MEHR NEWSAGENCY
Photo: Amin Berenjkar

References

- Sustrans
- National Travel Survey 2016
- Final UK greenhouse gas emissions statistics
- Gov.uk

Sustainable communities

Through our social enterprise model, we deliver professional services in a competitive marketplace.

But there's one key difference between Newground and our private sector competitors.

Instead of our profits going to shareholders, they are gift aided into our charity and distributed in the form of grants to environmental and community projects.

By choosing Newground, our customers are helping to drive positive social and environmental change.



'The Eagle's Nest'.



Overlooking the Offshoots Permaculture Project.



Working with young people is an important part of our work.



Cycling as part of our Active Spaces Programme.



In full bloom at the Offshoots Permaculture Garden.



Engaging the community at all ages.