

Sustainable Campus



About | Get Involved | Biodiversity | Carbon | Energy | Procurement | **Travel** | Waste & Recycling | Water

- Events
- Incentives
- Walk
- Cycle
- Public Transport
- Car Share**
- Electric Vehicles
- Travel Plan
- Go Smarter Business Network
- Links

Why Car Share?

Currently CO₂ emissions from cars make up 13% of the UK total. As well as harming the environment, cars are expensive to run, but there are other methods of using cars in a more sustainable way!

The average cost of running a new car in 2013 was £6,689 according to the RAC. That's £128 a week or 55p a mile.

But if you do need to use a car there are some more sustainable options available.

Co-Wheels Car Club

Our staff can register to use the Co-Wheels car club for both business and private use. Students can register for private use. As a dual member, you will receive free annual membership and no minimum £5 per month spend will apply to your private account!

Call Co-Wheels on 0191 375 10 50 or [register online](#) to sign up! For further help please contact Sustainable.Campus@nd.ac.uk

There are 2 vehicles on campus based at **King George VI Car Park** (Toyota Yaris) and **opposite Castle Leazes reception** (Kia Picanto). [Additional vehicles](#) also available within 5 minutes walking distance include:

- Richardson Road, adjacent to Leazes Park** (2 minute walk from King George VI) - Toyota Yaris
- Eldon Gardens Car Park** (Percy Street) - Renault Zoe (EV-auto)
- Eslington Terrace, Jesmond Metro** - Toyota Aygo X Play



Car Sharing

Currently the average car occupancy is 1.58 persons per car. If that increased by 50% to 2.37 people, it would lead to a fall in traffic of 1/3 – significantly reducing congestion and reliability.

Benefits of car sharing:

- Reduces the number of cars on the road – reducing pollution, congestion and parking problems
- Reduces stress if you don't do all the driving yourself
- It's sociable

[Sharesmarter](#) Tyne and Wear wide car share/ walk buddy/ cycle buddy database can help you find your match.

As a car sharer at the University, you can apply for a **half price car sharers permit** [here](#).

How to drive sustainably

If you do need to drive there are methods to drive in a more environmentally friendly way:

- Keep tires properly inflated as properly inflated tires are safer, last longer and can improve your petrol mileage by >3%
- Plan ahead for the shortest, most petrol-saving itinerary
- Stay below 70mph as travelling above 70mph can use up 25% more fuel – making driving considerably more expensive
- Try to avoid road rage! Aggressive driving wastes petrol, lowers petrol mileage and doesn't help your stress levels
- Using cruise control while on the motorway can save petrol
- Get your car serviced regularly to maintain engine efficiency
- Make sure you're using the right specification of engine oil
- Travel light and remove excess weight – do you really need all of that stuff in the boot?
- Cold starts use more fuel so combine journeys to aid fuel efficiency
- Drive smoothly, accelerate gently and look ahead to try and prevent unnecessary braking

- Change up the gears earlier when the engine speed is at ~2000rpm in a diesel car and ~2500rpm in a petrol car
- Take off roof racks to reduce drag
- Don't idle as an idle vehicle gives off 80% more pollution than one that's moving. Turning the engine off and then back on again uses less fuel than idling longer than 30 seconds!

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Last updated 1 February, 2018 © 2018 [Newcastle University](#)