

Sustainable Travel

Smarter Travel

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Impacts of Transport

- The annual global production of carbon dioxide is 4 billion metric tonnes (equivalent).
- Transport produces 1 billion metric tonnes (equivalent) of this.
- It takes 1 hectare of trees to absorb the lifetime carbon production of a single car owning household
- There are 2.1 million cars and 2.7 million households in Scotland
- There are 7.8 million hectares in Scotland

IS YOUR JOURNEY REALLY NECESSARY?



RAILWAY EXECUTIVE COMMITTEE

Are there alternatives to travelling

Using of technology to reduce the need to travel

Teleconferencing.

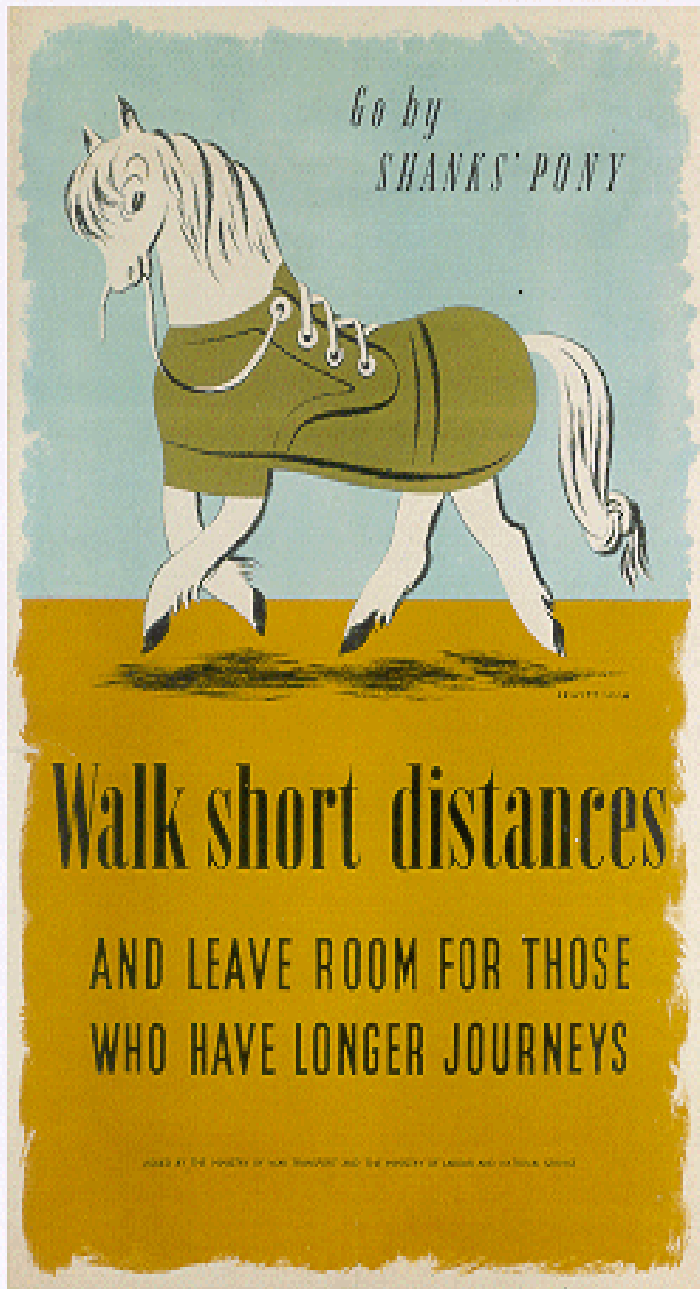
Using the phone to talk to 2 or more colleagues.

Videoconferencing.

Using a video link to meet colleagues in multiple locations.

Webconferencing.

Using your desktop computer to link to colleagues as you would videoconference from your desk.



But you need to travel

Think about how you travel.

Walk or Cycle.

For short journeys of up to 3km consider walking and up to 6km for cycling.

Public transport.

This can be used for long or short journeys and often provides a cheaper alternative too with the added benefit of being able to work without interruptions.

Car.

Use the car where the journey is not too long or where there is no public transport. Could you share the journey with a colleague?

Journey Planning. Aids to travel

- Online Help
- Transport Direct, www.transportdirect.info
- Journey Planner, www.travelinescotland.com
- Rail, www.nationalrail.co.uk
- Stagecoach, www.stagecoachbus.com
- Scottish Citylink www.citylink.co.uk
- Air, www.hial.co.uk
- Carshare, www.liftshare.org

The Carbon impact of your journey

A Typical Train Journey

Inverness-Edinburgh-Inverness

CO2 emissions for your journey of 287.6 rail miles (It is 314 miles by road)

CO2 Emissions

Your train journey 27.9 kg of CO2 per passenger

For comparison if you did a journey of 287.6 miles by another mode of transport the CO2 emission per traveller would be as shown below.

Small Car	59.0 kg of CO2 per passenger with 1 occupant
Large Car	119.1 kg of CO2 per passenger with 1 occupant
Coach	41.2 kg of CO2 per passenger
Plane	73.1 kg of CO2 per passenger

Your train journey would create 91.2 kg of CO2 less per traveller than travelling by large car.

What does your journey cost

- **Based on an Inverness - Edinburgh Return Journey of 314 miles**
- **Coach.**
- Scottish Citylink return fare £35.80. Megabus return from £2.50 to £20.00
- **Train.**
- Depending upon the journey times and how far in advance the journey is booked it will cost between £20.00 and £49.40
- **Diesel Car.**
- Running costs of 0.36ppm (based on 10k miles pa) Cost £113.51*
- **Petrol Car.**
- Running costs of 0.37ppm (based on 10k miles pa) Cost £116.34*
- *Figures from AA Motoring Costs



We are consuming the Earth's resources at a rate that will require 3 planets to sustain it.

Choosing to travel in a way that takes account of the impact your journey has can reduce this consumption.

And it can be cheaper too!!