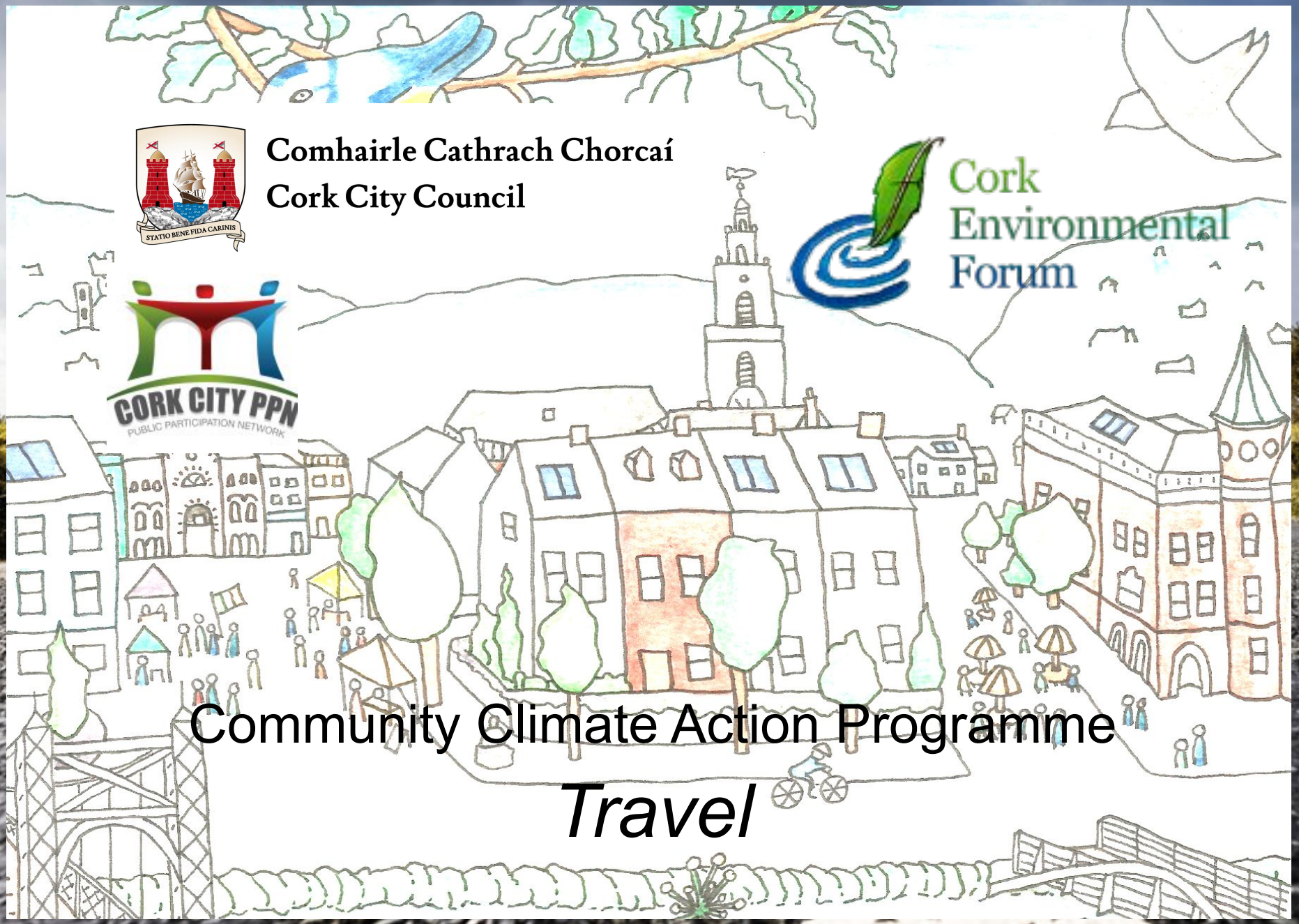
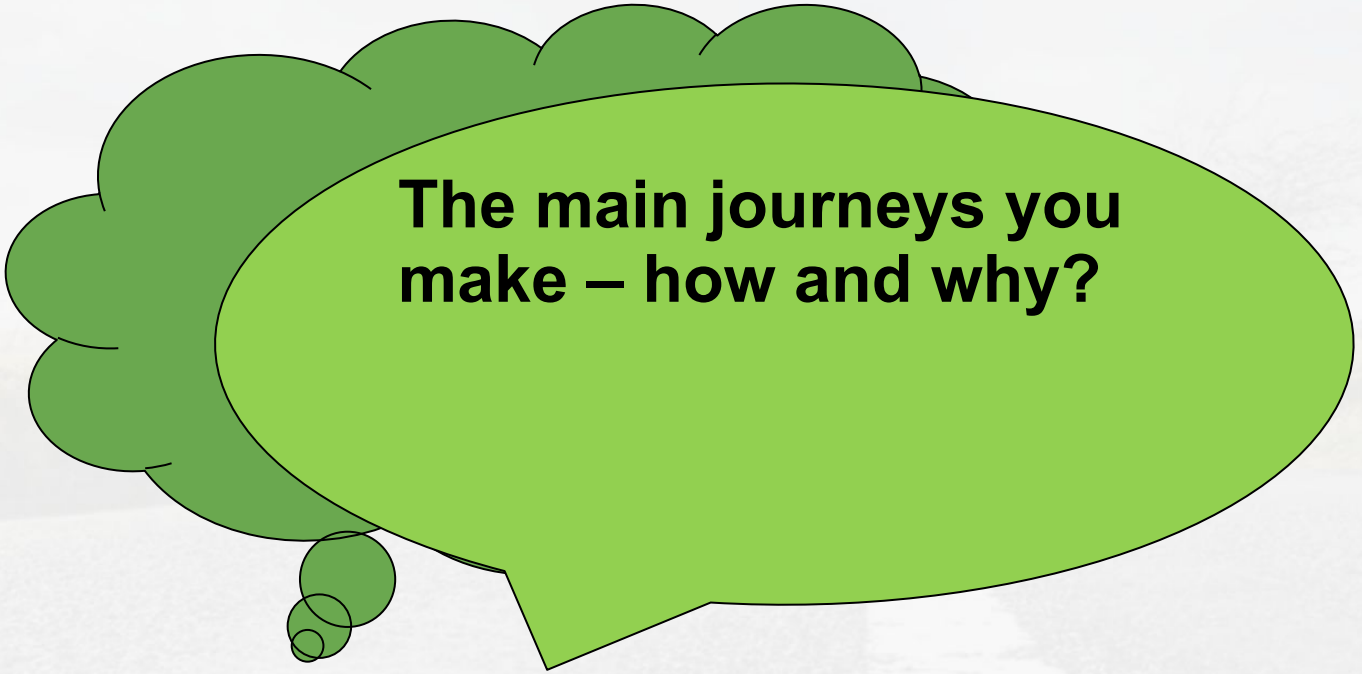

Comhairle Cathrach Chorcaí
Cork City Council
STATIO BENE FIDA CARINIS
Cork Environmental Forum
CORK CITY PPN
PUBLIC PARTICIPATION NETWORK
Community Climate Action Programme
Travel

Session outline

- Transport challenges globally and locally.
- Opportunities to substitute for more sustainable transport.
- Comparing options by their climate impacts.
- Actions to support your local community reduce travel emissions.


The main journeys you make – how and why?

Travel-related SDGs - global picture

11 SUSTAINABLE CITIES AND COMMUNITIES

9 INDUSTRY, INNOVATION AND INFRASTRUCTURE

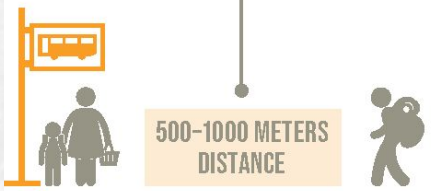
AIR POLLUTION
CAUSED 4.2 MILLION PREMATURE DEATHS IN 2016

12 RESPONSIBLE CONSUMPTION AND PRODUCTION

ENHANCING
RURAL ROAD CONNECTIVITY
HELPS REDUCE POVERTY

ALMOST 300 MILLION
OUT OF 520 MILLION RURAL DWELLERS
LACK GOOD ACCESS TO ROADS
IN 25 COUNTRIES (2018-2019)

ONLY HALF
THE WORLD'S URBAN POPULATION HAS
CONVENIENT ACCESS
TO PUBLIC TRANSPORT
(2019)



RISING
FOSSIL FUEL SUBSIDIES
ARE CONTRIBUTING TO
THE CLIMATE CRISIS

$318 BILLION (2015)

$427 BILLION (2018)

Travel-related SDGs

- Road access for rural populations
- Quality, reliable, sustainable and resilient infrastructure

- Access to safe, affordable, accessible and sustainable transport

- Rationalize inefficient fossil-fuel subsidies

Travel-related SDGs - European picture

The average concentration of fine particulate matter in 2019 was

12.6 µg/m³

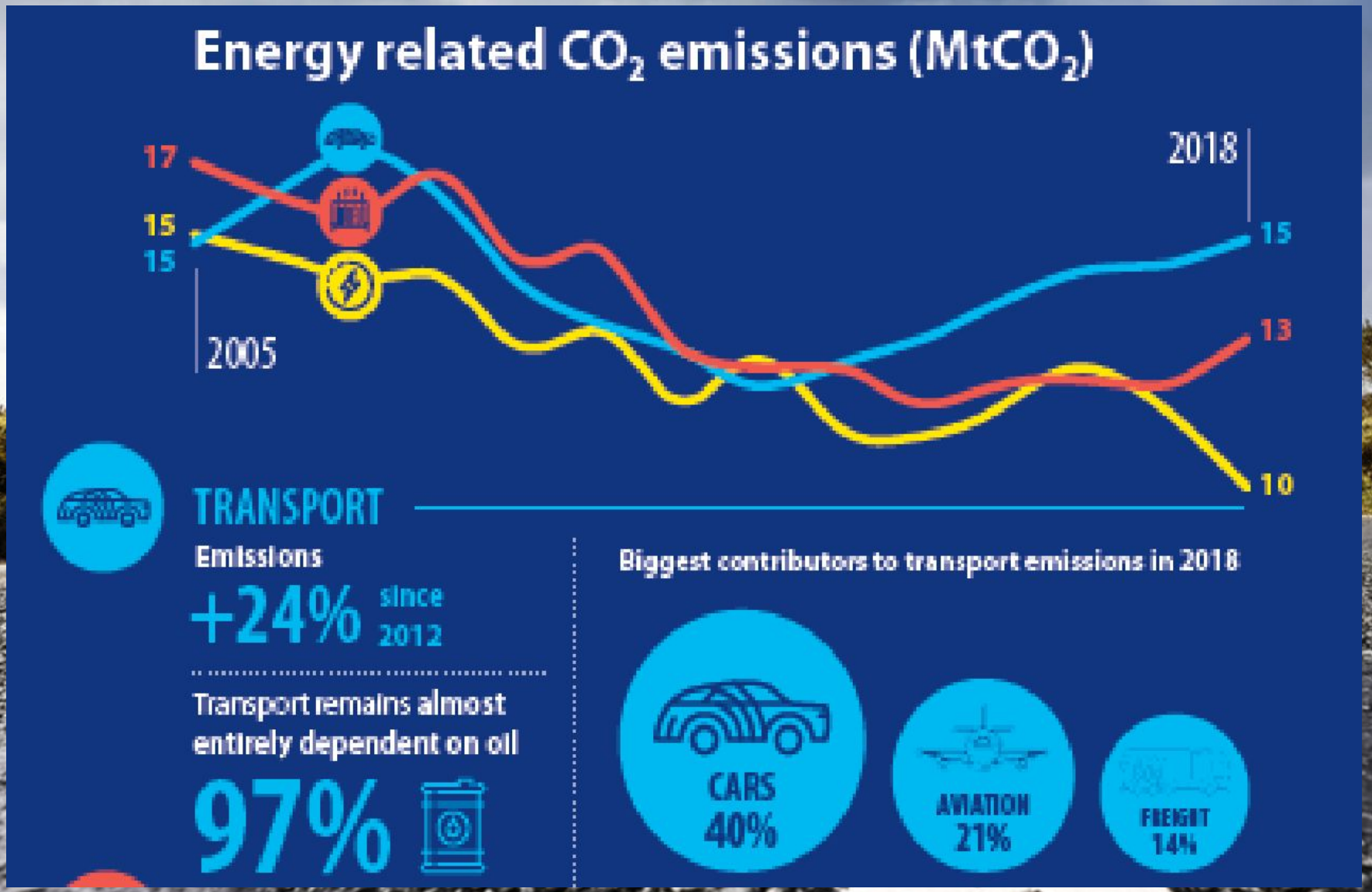
17.1 %

of total inland passenger-km were covered by buses and trains in 2018

22 757

people were killed in road accidents in the EU in 2019

Ireland energy GHG emissions 2018



Mode of travel footprint game

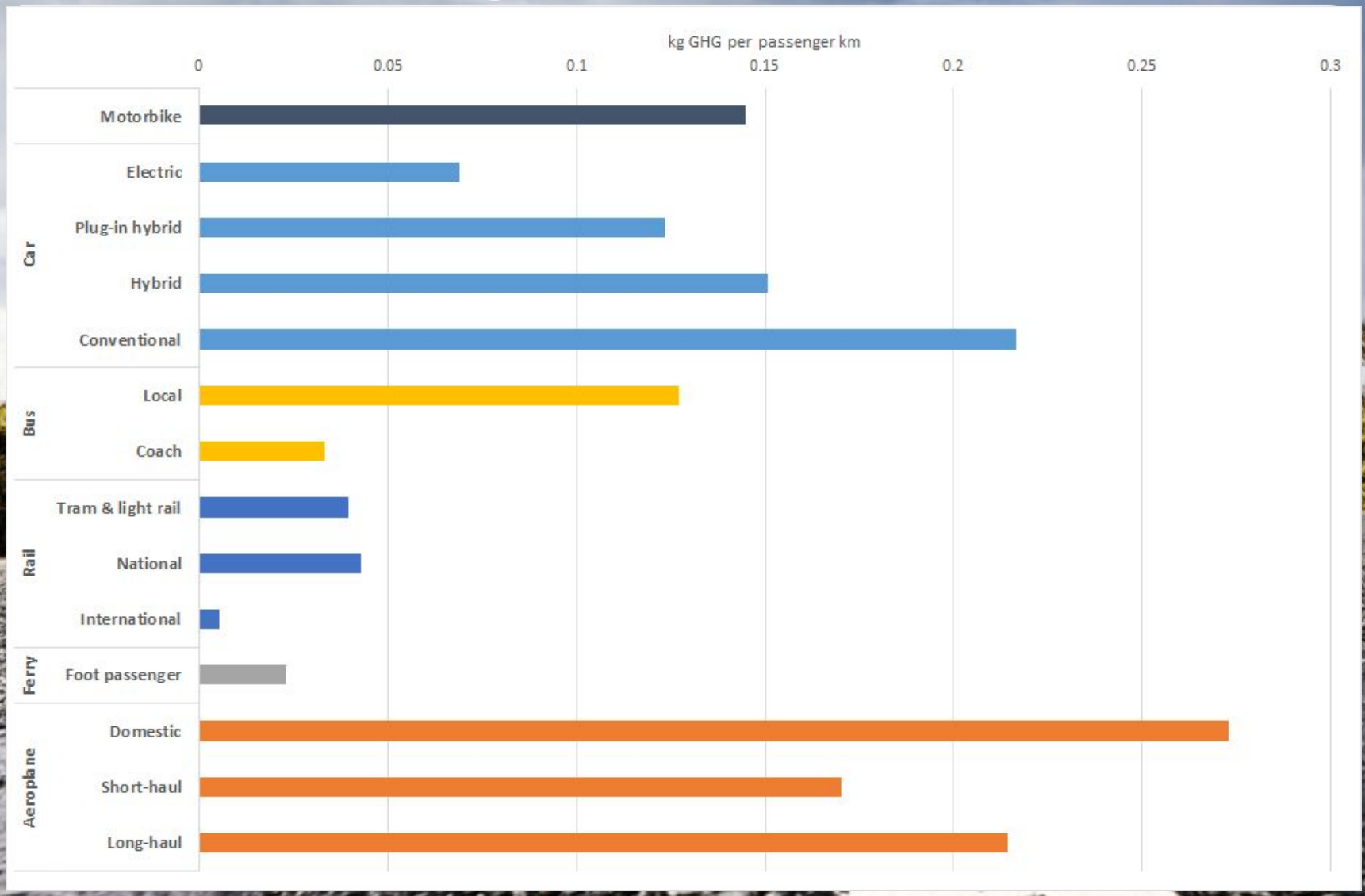
Lowest climate impact (per passenger km)

electric

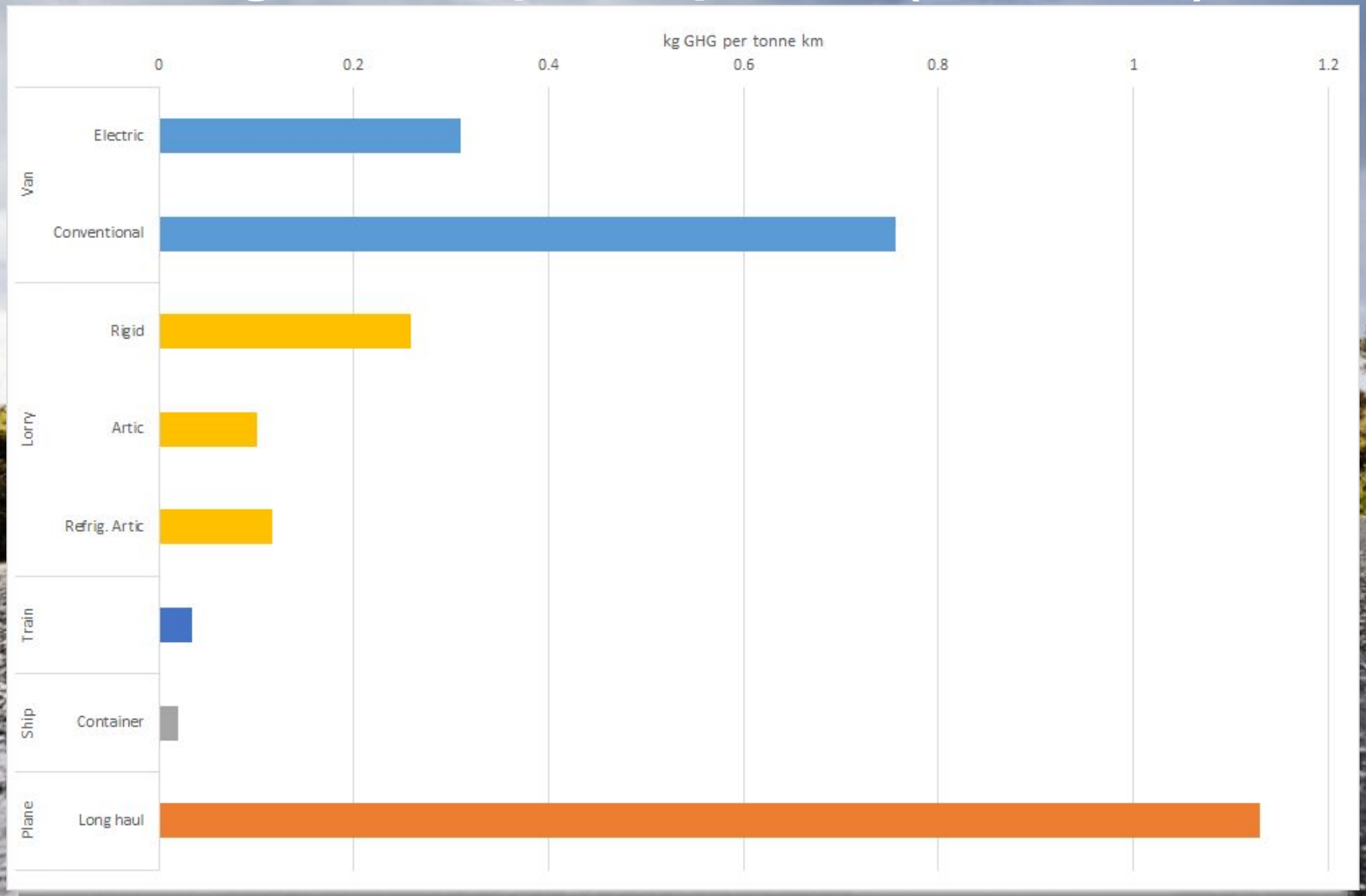
conventional

Highest impact

Passenger transport options



Freight transport options (UK, 2021)



Biodiesel: cure worse than the disease

Fossil diesel emissions vs first-generation biodiesel

Globiom forecasts these biodiesels will account for 57% of the total EU biofuels market in 2020

Source: Lifecycle analysis by Transport & Environment based on Globiom study (2016)

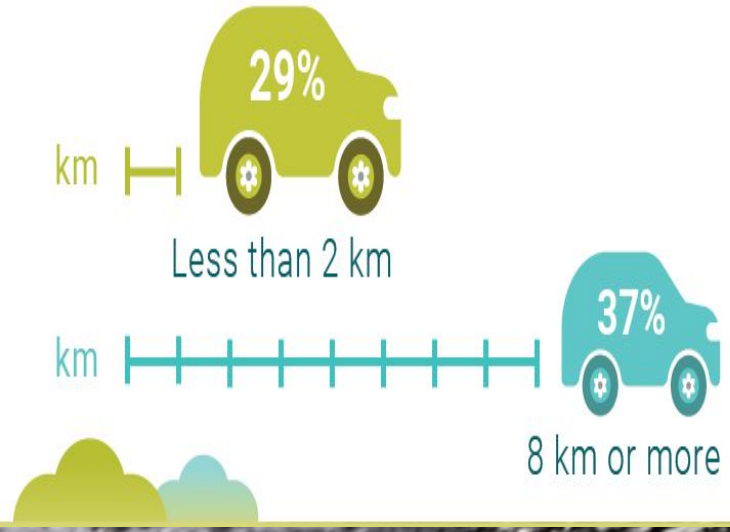
Travel culture in Ireland

An Phríomh-Oifig Staidrimh
Central Statistics Office

National Travel Survey 2019

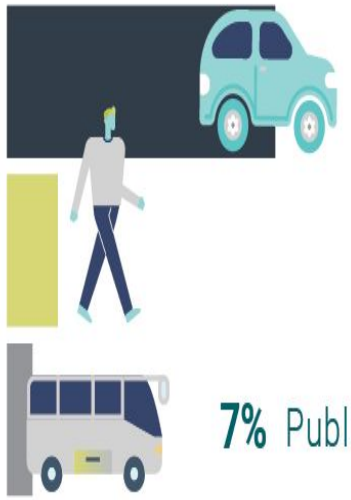
Persons Aged 18 Years and Over

How Far Did We Travel?

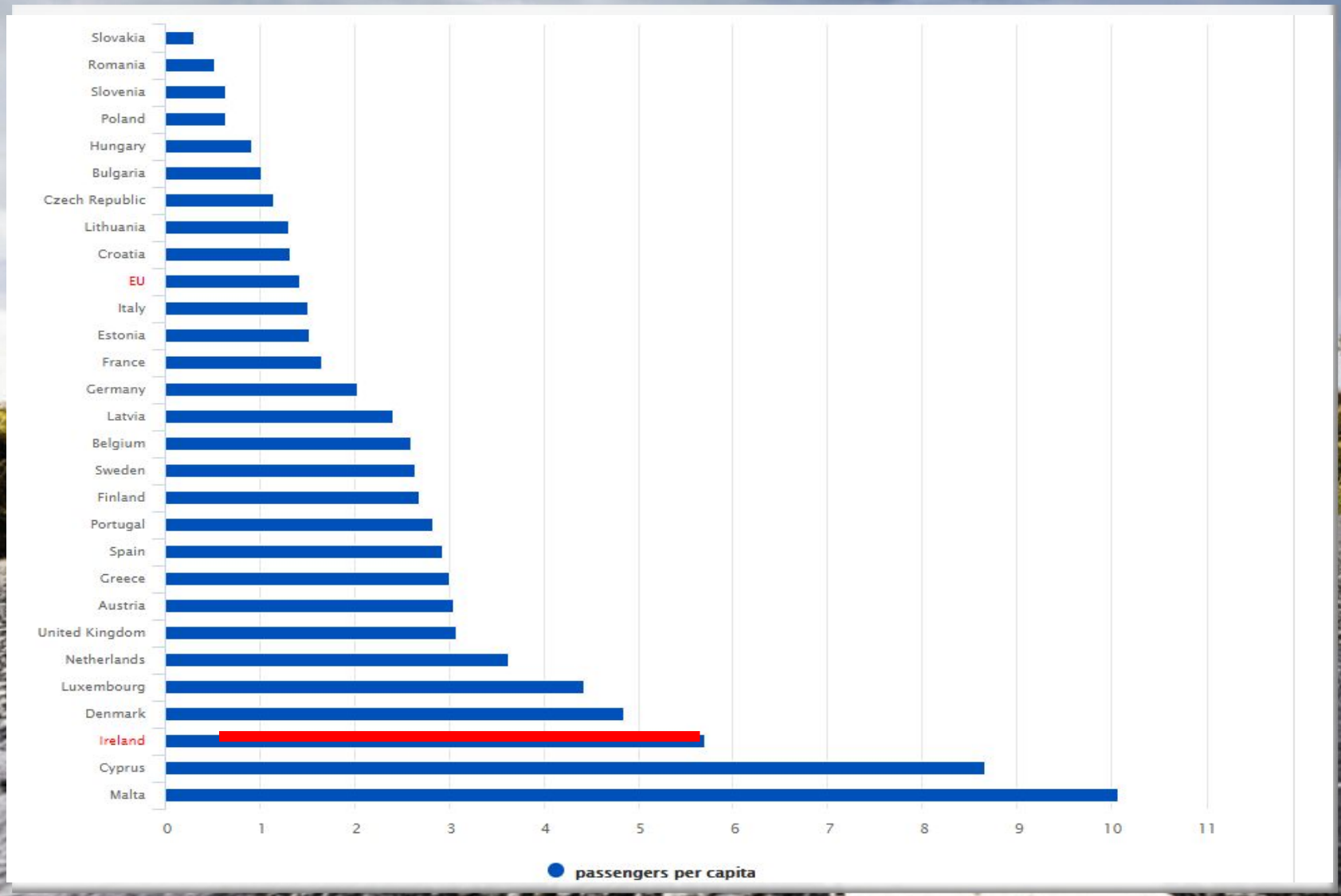


Where Did We Go?

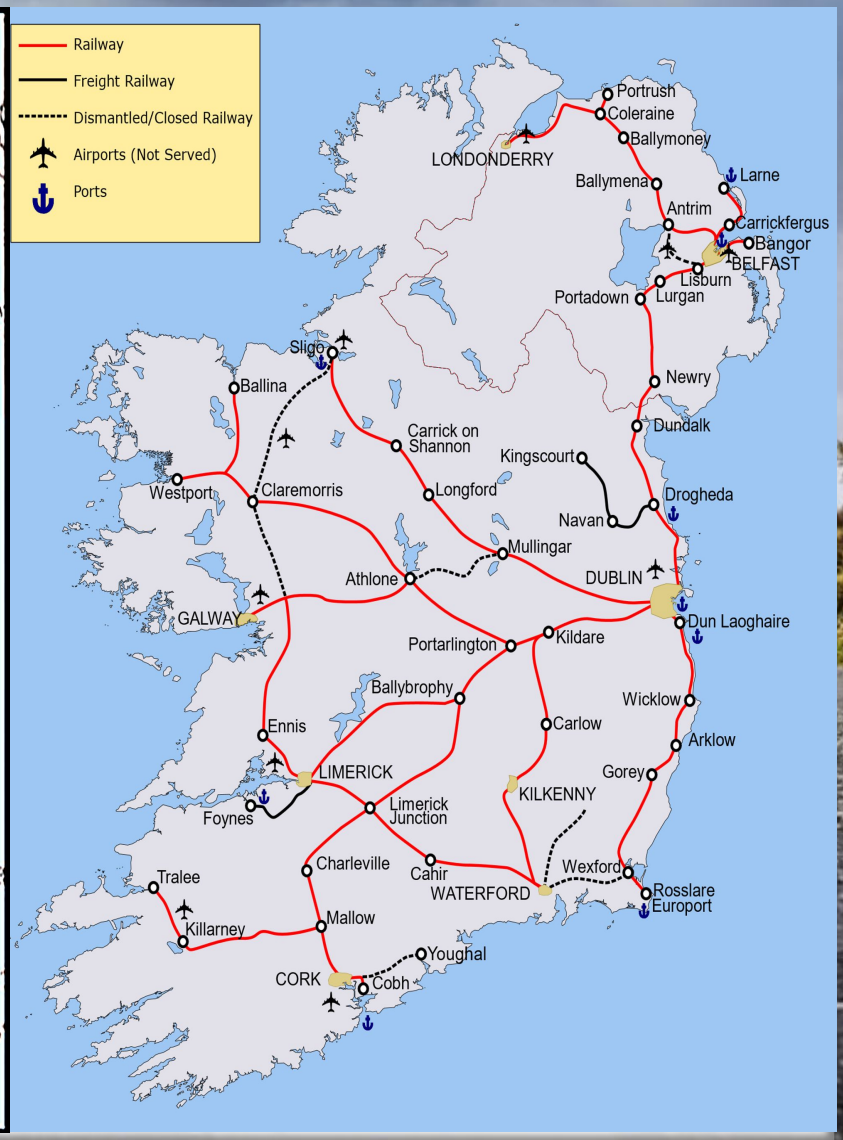
Transport Mode



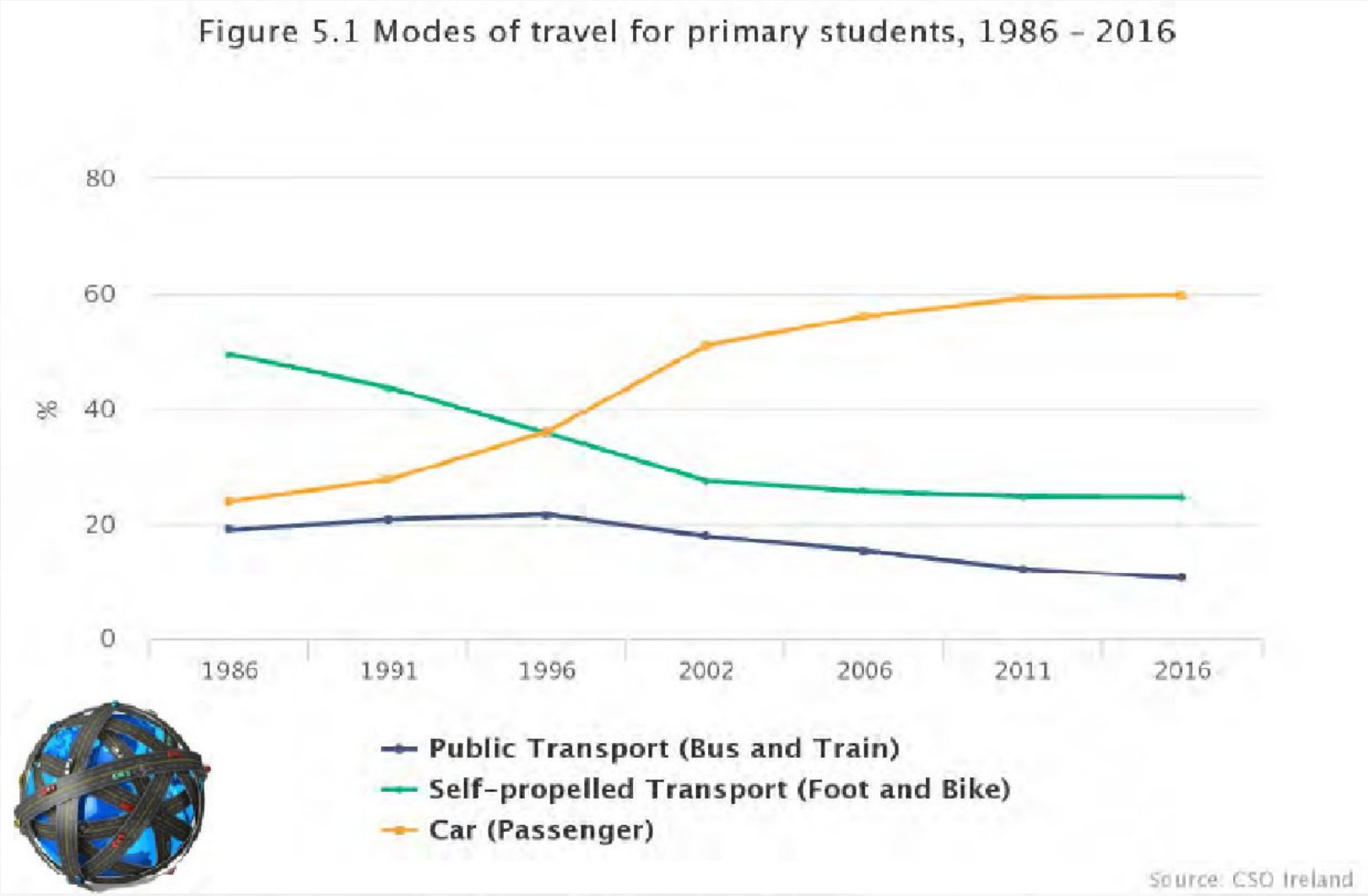
EU international air travel 2014



Ireland railway map 1925 vs. 2020



Primary school travel trend



Irish government climate action plan 2019

Transport

Increase the number of EVs by 2030 to circa

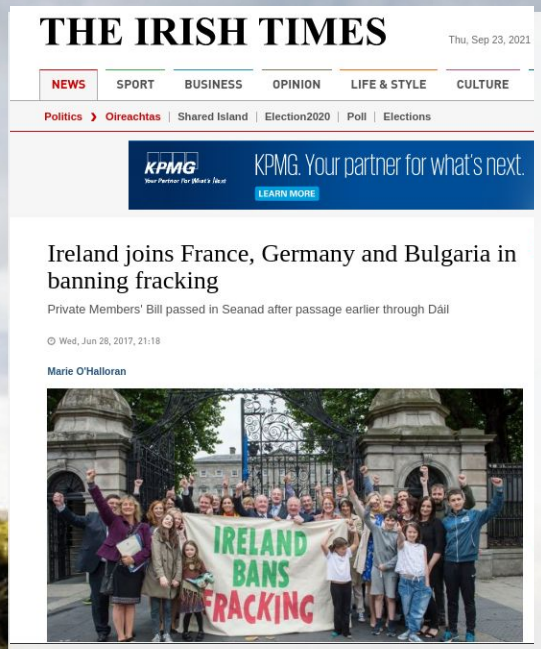
1 million

Build EV charging network
to stay ahead of demand

Expand our network of cycle paths and 'Park and Ride' facilities, helping ease congestion

No diesel-only purchases
for public buses in our cities from 1 July 2019

How are we progressing nationally?



2017

2021

Local options and support

Cork Cycling Campaign

Transport & Mobility Forum Cork

Pedestrian Cork

A MEMBER OF THE IRISH PEDESTRIAN NETWORK

we-bike

CORK CYCLING FESTIVAL

cork community bikes

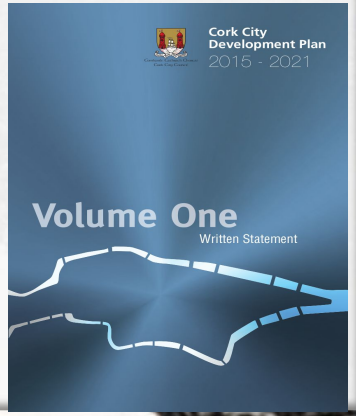
Government plans

National & Regional

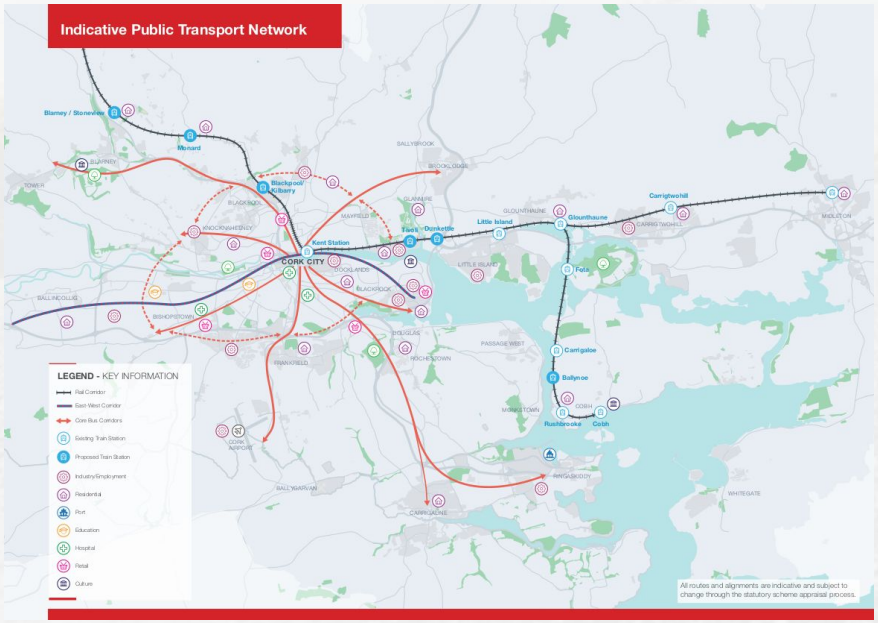
- National Development Plan 2021-2030
- Project Ireland 2040
- National Ports Policy [2019]
- National Cycle Policy Framework [2009-2020]
- Smarter Travel - A Sustainable Transport Future [2009-2020]
- Regional Spatial and Economic Strategy (RSES)

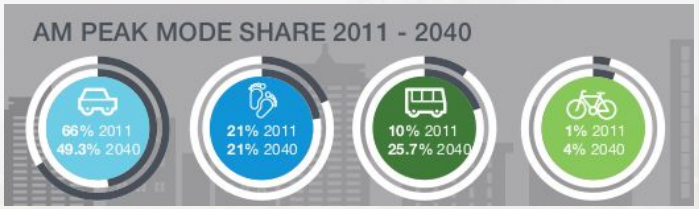
Local

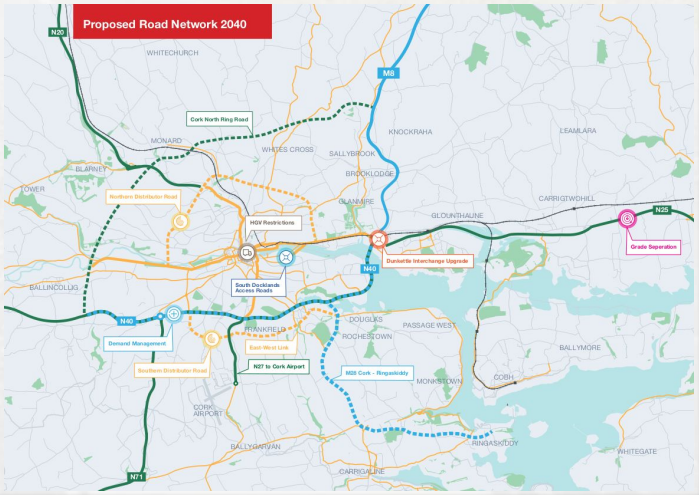
- Cork Metropolitan Area Transport Strategy (CMATS) 2040
- Cork City Development Plan [2015-2021] - replaced 2022-28

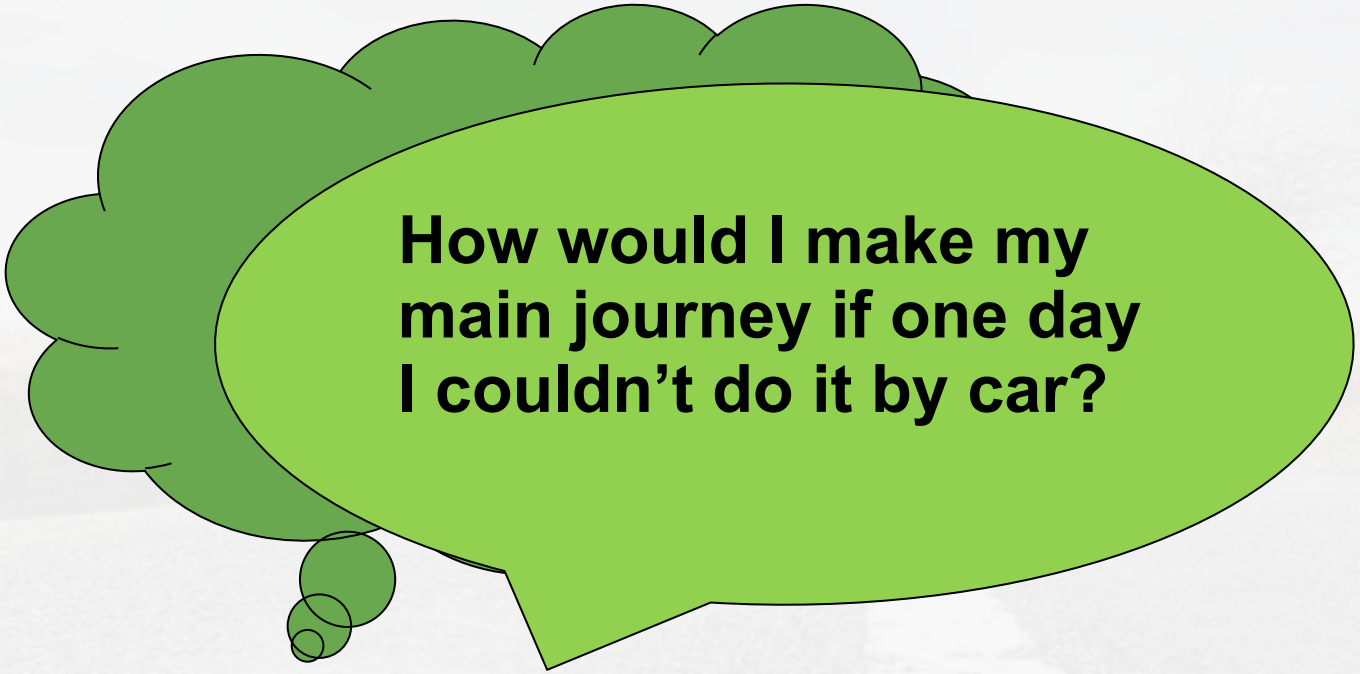


Cork Metro Area Transport Strategy Vision








How would I make my main journey if one day I couldn’t do it by car?

What can we do as individuals?

Individual actions

Passengers

- For shorter journeys, walk or cycle
- Fly less
- Substitute car journeys for public transport
- Holiday closer to home
- Carshare
- Getting rid of one car

Freight

- Buy local
- Repair and buy second hand
- Avoid goods that come in by air

Individual actions

Drive more efficiently

- Gentle acceleration
- Brake gently
- Reduce speed
- Steady speed
- Anticipate road ahead
- Lighten the load
- Shift gear earlier
- Inflate tyres correctly
- Less air-con
- Streamline

What actions could our community take?

Community actions

- Connect with travel campaign/support groups
- Make your street nicer place to walk (litter pick / planting)
- Making walkways more accessible
- Community walks/rides
- Street Feast
- Car club / car sharing
- Play streets (road closures)
- Parklets / Parking Day
- Walk/bike buddy offer
- “Bike bus” to school