

Ireland's greenhouse gas emissions

Sources and solutions

www.epa.ie/ghg



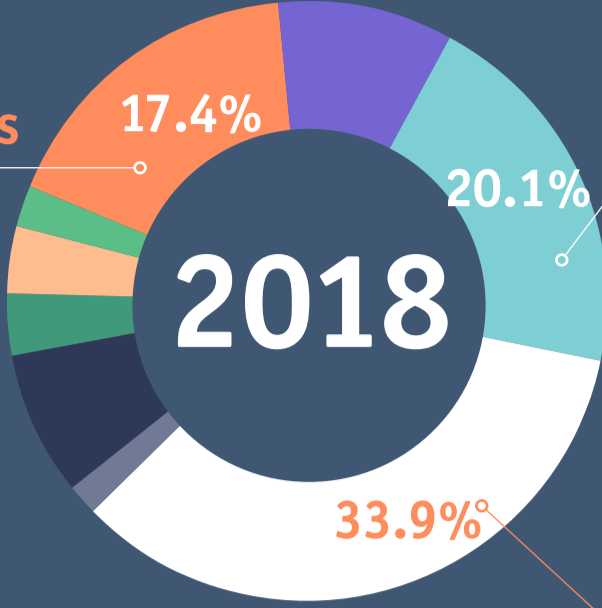
Where are Ireland's emissions coming from?



Energy Industries

17.4% total

↓ -10.7%



Transport

20.1% total

↑ +1.6%



Agriculture

33.9% total

↑ +1.9%

71% of our greenhouse gas emissions come from Energy Industries, Agriculture and Transport.

Emissions from Energy industries declined by over 10.7% in 2018 due to less coal. However, Agriculture and Transport emissions have increased significantly in the last 3 years.

Global context of Ireland's emissions

Ireland must play its part in contributing to efforts to limit climate change. Ireland's national policy position establishes a low carbon vision for Ireland by 2050. **Ireland is not on track in terms of its EU Effort Sharing 2020 target. Climate Action Plan measures will need to be swiftly implemented to meet Ireland's targets.**



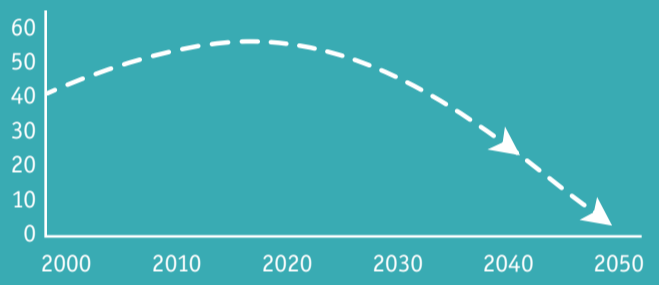
The global mean temperature in 2018 is approximately **1°C above the pre-industrial baseline.**



To limit global warming to 1.5°C, **global carbon emissions need to fall to 55% of 2010 levels by 2030** and continue a steep decline to zero net emissions by 2050.



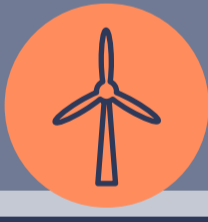
Ireland is one of 187 parties to have **ratified the Paris Agreement** which commits to limiting global warming to well below 2°C and pursuing efforts to limit it to 1.5°C.



What can Ireland do to reduce emissions?

Decarbonise energy production

Decarbonise energy production. This will drive decarbonisation of transport and residential energy use, achieving co-benefits in air quality from reduced localised pollution levels.



70% renewables

CLIMATE ACTION PLAN AIMS TO ACHIEVE 70% RENEWABLE ELECTRICITY BY 2030

Agriculture emission reductions

A wide range of measures with greenhouse gas abatement potential have been identified for the agricultural sector.

Implementation and uptake at farm level would make a significant contribution to emission reductions.



>16.5 MtCO₂eq

CLIMATE ACTION PLAN COMMITS TO 16.5-18.5 MtCO₂ EQ ABATEMENT FROM 2021-2030

Electric vehicles

Decarbonise public transport and expand the re-charging network for electric vehicles to make it as easy to recharge an EV as to fill up with petrol or diesel.



936,000

ELECTRIC VEHICLES PROJECTED TO BE ON IRISH ROADS IN 2030 IN THE CLIMATE ACTION PLAN

What can you do?

Your means of transport

Reduce your transport carbon footprint by making use of alternatives to the private car such as:



PUBLIC TRANSPORT



CAR POOLING/
SHARING



CYCLING



WALKING

Your home

Improve the energy efficiency of your dwelling by taking up Government grants and enjoy a more comfortable home with a smaller carbon footprint.



Reduce your food waste

Avoiding food waste is a climate action you can do every day. Write a shopping list and stick to it! Store and cook carefully and use your leftovers.



www.stopfoodwaste.ie

Remember:

"EVERY BIT OF WARMING MATTERS. EVERY YEAR MATTERS. EVERY CHOICE MATTERS"

Intergovernmental Panel on Climate Change

