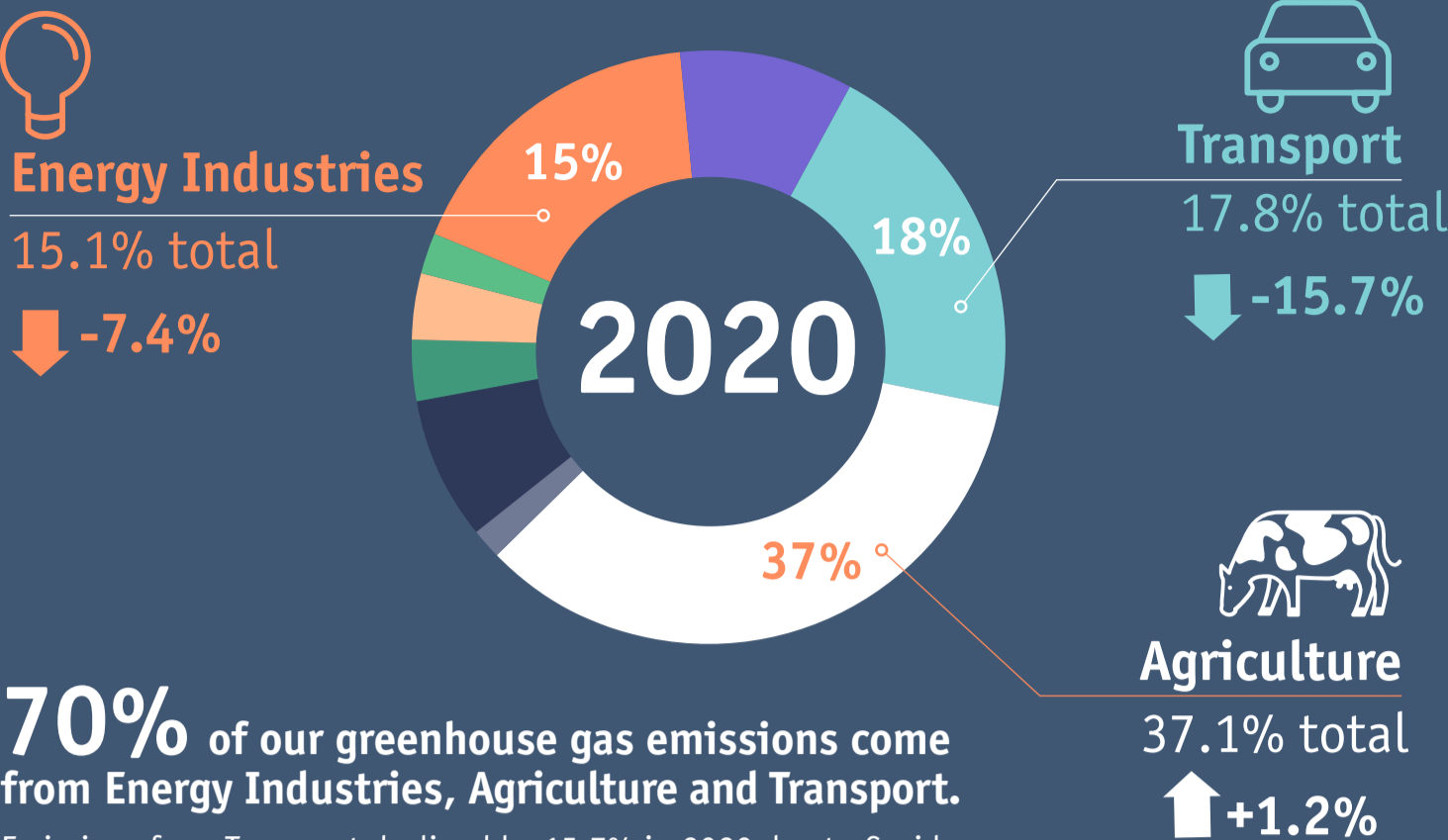


# Ireland's final greenhouse gas emissions

Sources and solutions



## Where are Ireland's emissions coming from?



**70%** of our greenhouse gas emissions come from Energy Industries, Agriculture and Transport.

Emissions from Transport declined by 15.7% in 2020 due to Covid restrictions on car and public transport journeys. Energy Industries emissions decreased by 7.4% due to a decrease in peat use and increase in renewables. Agriculture emissions increases were driven by increased livestock and nitrogen fertiliser use.

## 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.**



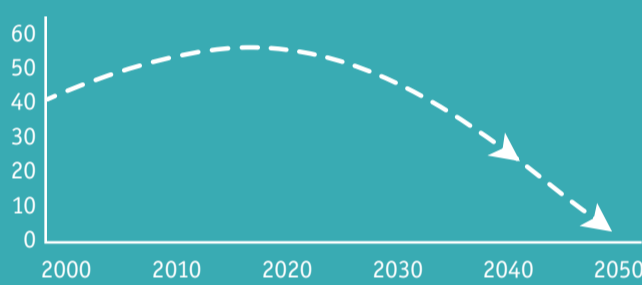
The global mean temperature in 2018 is approximately **1°C above the pre-industrial baseline.**



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.



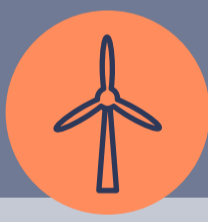
Ireland is one of 193 parties to have **ratified the Paris Agreement** which commits to limiting global warming to well below 2°C and pursuing efforts to limit it to 1.5°C.



## 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.



**80% renewables**

CLIMATE ACTION PLAN AIMS TO ACHIEVE 80% 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.



**22-30%**

CLIMATE ACTION PLAN COMMITS TO REDUCE EMISSIONS BY 22-30% 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.



**945,000**

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](http://www.stopfoodwaste.ie)

Remember:

**“EVERY BIT OF WARMING MATTERS. EVERY YEAR MATTERS. EVERY CHOICE MATTERS”**

*Intergovernmental Panel on Climate Change*

