## Ireland's final greenhouse gas emissions

Sources and solutions



#### Where are Ireland's emissions coming from?



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

Emissions from Energy industries declined by over 11.2% in 2019 due to less coal and more renewables. Decreases in Agriculture and Transport emissions seen in 2019 may be difficult to sustain given the increases in dairy cow numbers and private car use.

# **Agriculture**

L-4.0%

## Global context of Ireland's emissions

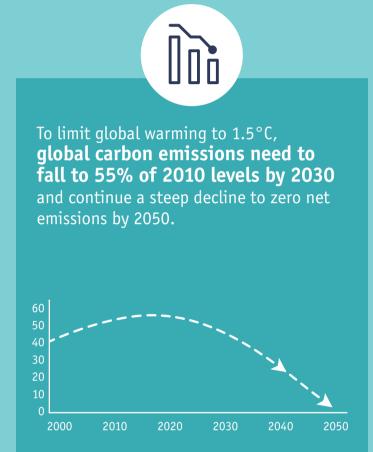
Ireland must play its part in contributing to efforts to limit climate change. Ireland's national policy position establishes a low carbon vision for Ireland by 2050. Ireland is not on track in terms of its EU Effort Sharing 2020 target. Climate Action Plan measures will need to be swiftly implemented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



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



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?

**Agriculture** 

#### **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.

#### emission reductions A wide range of measures with

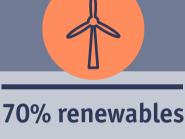
greenhouse gas abatement potential have been identified for the agricultural sector. Implementation and uptake

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

#### **Electric** vehicles

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.

Decarbonise public transport



#### **CLIMATE ACTION PLAN**

**AIMS TO ACHIEVE 70%** RENEWABLE ELECTRICITY BY 2030



**CLIMATE ACTION PLAN COMMITS TO 16.5-18.5** 

MtCO<sub>2</sub> EQ ABATEMENT FROM 2021-2030



**ELECTRIC VEHICLES** PROJECTED TO BE ON IRISH

**ROADS IN 2030 IN THE CLIMATE ACTION PLAN** 

### Your means of transport

What can you do?

#### by making use of alternatives to the private car such as:

Reduce your transport carbon footprint





**CYCLING** 



WALKING

#### Improve the energy efficiency of your dwelling by taking up Government grants

Your home

and enjoy a more comfortable home with a smaller carbon footprint.



#### 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.



**EVERY CHOICE MATTERS"** 

Remember:

"EVERY BIT OF WARMING MATTERS. EVERY YEAR MATTERS.

Intergovernmental Panel on Climate Change

Rialtas na hÉireann

Government of Ireland