

Ireland's greenhouse gas emissions

Sources and solutions



Where are Ireland's emissions coming from?



Energy Industries

19% total

↑ 4%



Transport

20% total

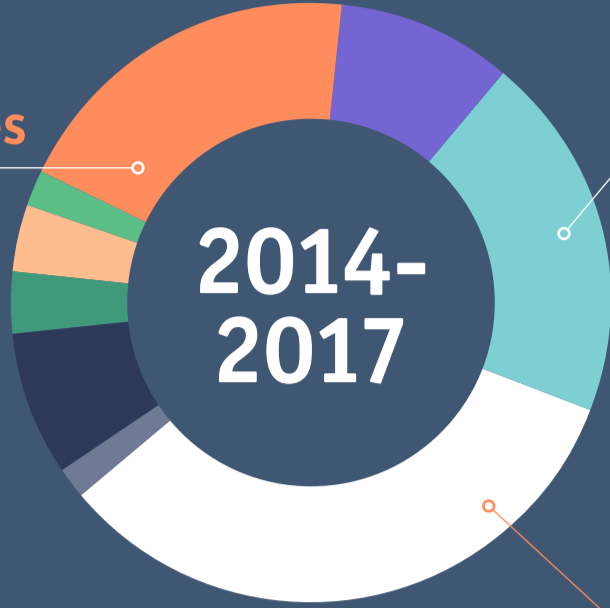
↑ 6%



Agriculture

33% total

↑ 7%



2014-2017

72% of our greenhouse gas emissions come from Energy Industries, Agriculture and Transport.

These sources have all increased significantly in the 3 years to end 2017.

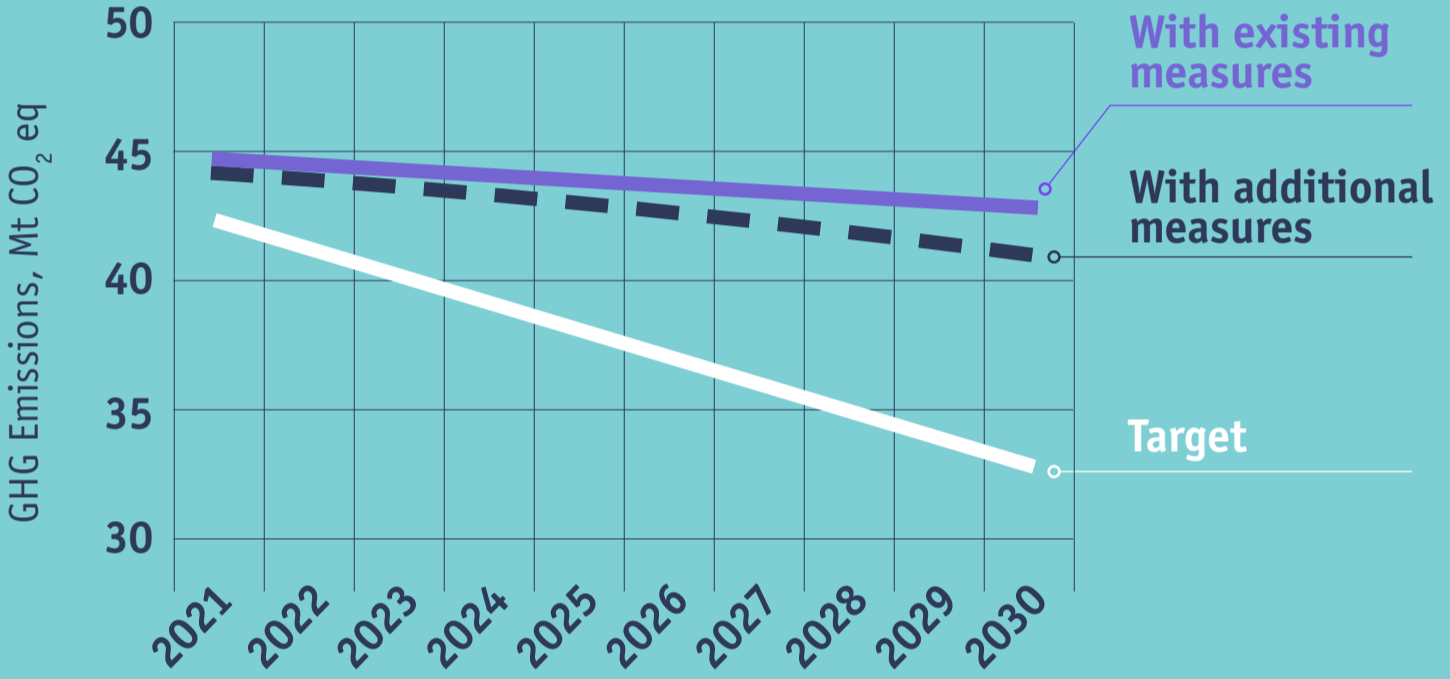
What is projected to happen in the future?

Under EU legislation, Ireland has emission targets for 2020 and 2030 with binding limits for each year to 2030.

Ireland is projected to miss the 2020 target by a wide margin.

Reduction measures already adopted and additional measures announced in the National Development Plan are also projected to be insufficient to meet the 2030 target.

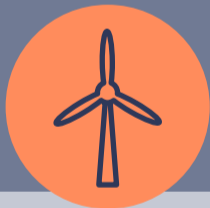
Significant further measures will be needed to meet the **National ambition of 80% CO₂ emissions reduction** across Energy Generation, Built Environment and Transport **by 2050.**



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.



>2 MtCO₂eq

ANNUALLY CAN BE SAVED BY ENDING COAL USE IN POWER GENERATION

Greenhouse gas abatement

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.



>18 MtCO₂eq

ABATEMENT POTENTIAL 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.



>500,000

ELECTRIC VEHICLES PROJECTED TO BE ON IRISH ROADS IN 2030

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



GRANTS FROM SEAI FOR ENERGY EFFICIENT HOMES



Remember:

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

Intergovernmental Panel on Climate Change

