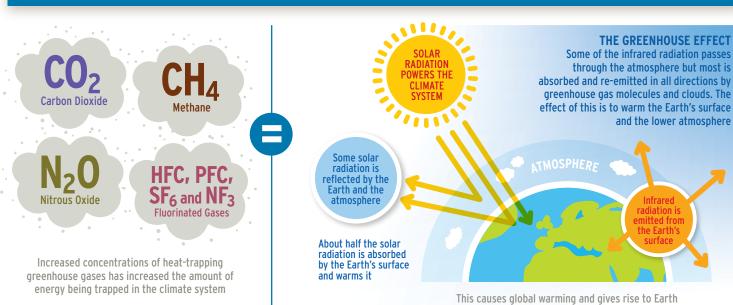
THE SIMPLE GUIDE TO **IRELAND'S GREENHOUSE GAS EMISSIONS**



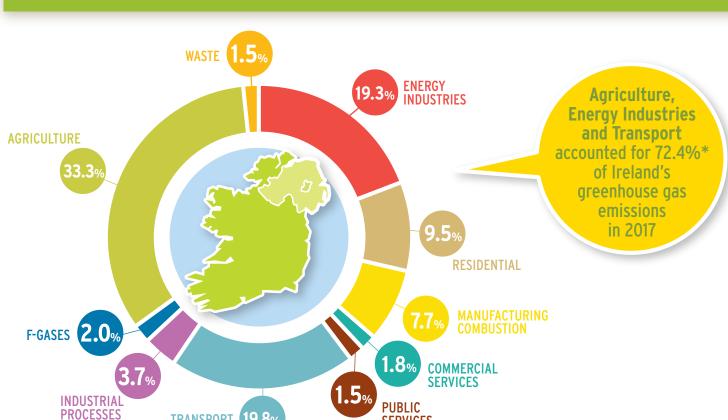
system changes known as climate change

The EPA prepares greenhouse gas emission inventories and projections annually for all relevant economic activities in Ireland. Greenhouse gas emissions are primarily regulated at an international level under the UN Framework Convention on Climate Change and at European level under the EU Effort Sharing Decision and EU Emissions Trading Scheme.

INTRODUCTION

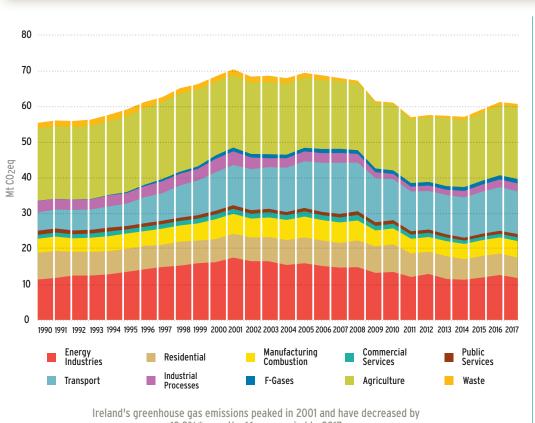


SOURCES OF GREENHOUSE GASES



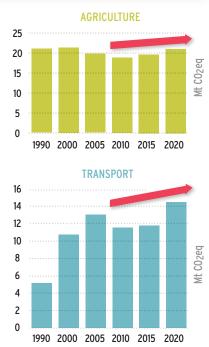
TRENDS IN GREENHOUSE GASES

SERVICES



TRANSPORT 19.8%

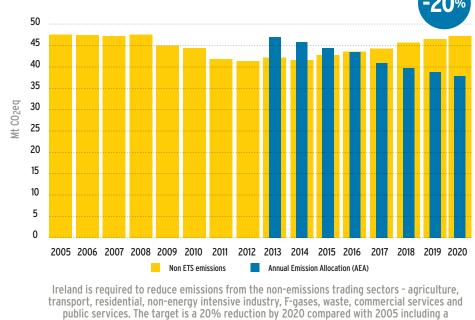
13.8%* over the 16 year period to 2017



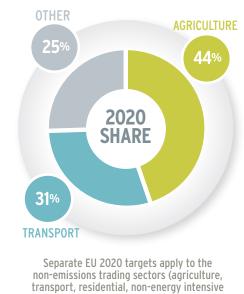
Emission projections show key sectors increasing on current levels under the With Additional Measures scenario which assumes further implementation of Government policies and measures based on current progress.

NON-EMISSIONS TRADING SECTOR - 2020 TARGETS Separate EU 2020 targets apply to the non-emissions trading sectors (agriculture, transport, residential, non-energy

intensive industry, F-gases, waste, commercial services and public services) and the EU emissions trading sectors (power generation and heavy industry)

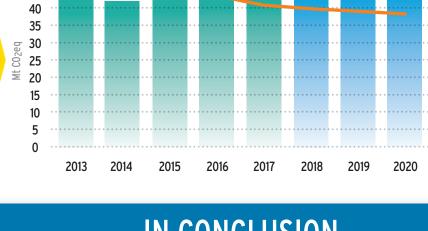


reduction pathway between 2013 and 2020. 50 Projected 45



industry, F-gases, waste, commercial services and public services) and the EU emissions trading sectors (power generation and heavy industry) HISTORICAL EMISSIONS





WITH ADDITIONAL **MEASURES SCENARIO**

assumes further implementation of planned government policies

and measures based on current progress REQUIRED

EMISSION PATHWAY

IN CONCLUSION



We must invest in structural and behavioural change to enable the transition to carbon neutral, climate resilient Ireland. These changes include the rapid decarbonisation of energy and transport and the adoption of sustainable food

*based on final figures for 2017

http://www.epa.ie/climate/emissionsinventoriesandprojections