



Department for the
Economy

An Roinn
Geilleagair

www.economy-ni.gov.uk

Business and Industrial Processes Team

Energy Group



Creating a globally competitive economy that works for everyone

Climate Action Plan



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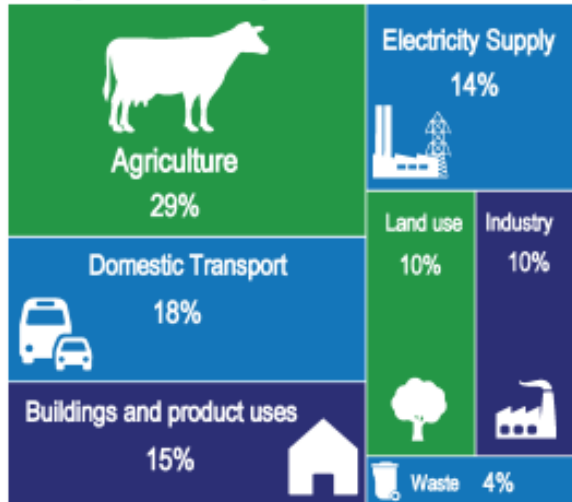
Climate Change Act (Northern Ireland) 2022

- Places requirements on Northern Ireland departments to produce and publish various **sectoral plans** setting out how specific sectors will contribute to meeting the 2030, 2040 and 2050 emissions reduction targets.
- There are specific requirements on the Department for the Economy to develop and publish sectoral plans for the **Energy**, **Public Buildings** and **Business and Industrial Processes** sectors.
 - The **business sector** includes emissions from stationary combustion in all industrial and commercial sectors industrial off-road machinery, refrigeration and air conditioning, and the use of fluorinated gases for other applications.
 - The **industrial processes** sector contains all emissions from industry except for those associated with fuel combustion.
- The Business & Industrial Processes Team are drafting the chapter for the first Climate Action Plan to quantify relevant policies and their greenhouse gas emission reductions.
- Relevant policies are a combination of UK-wide policies and local interventions.

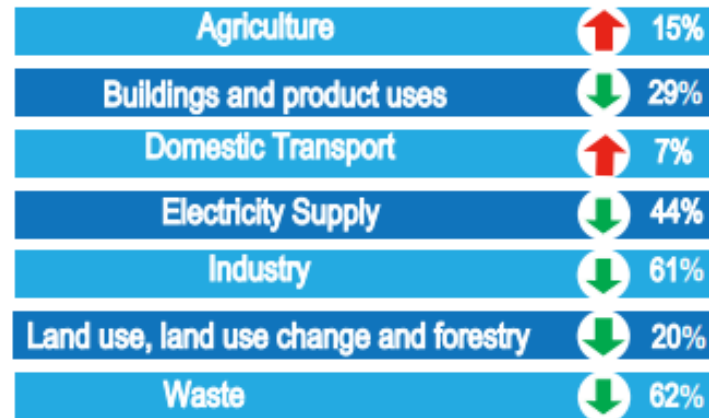
Climate Action Plan



Agriculture was the largest emitting sector of NI greenhouse gas emissions in 2022

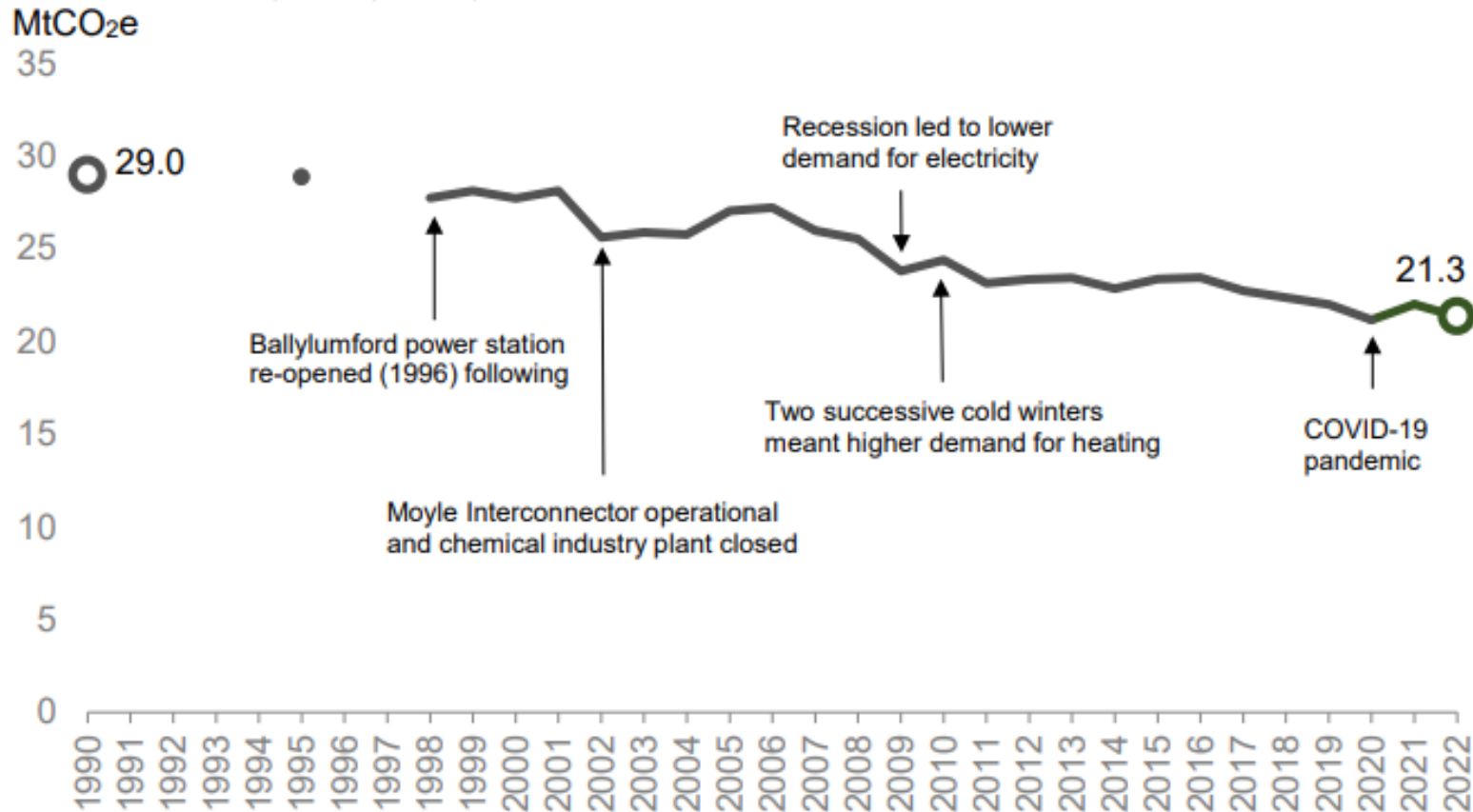


Industry delivered the largest reduction in emissions from 1990 to 2022 (-3.2 MtCO₂e)



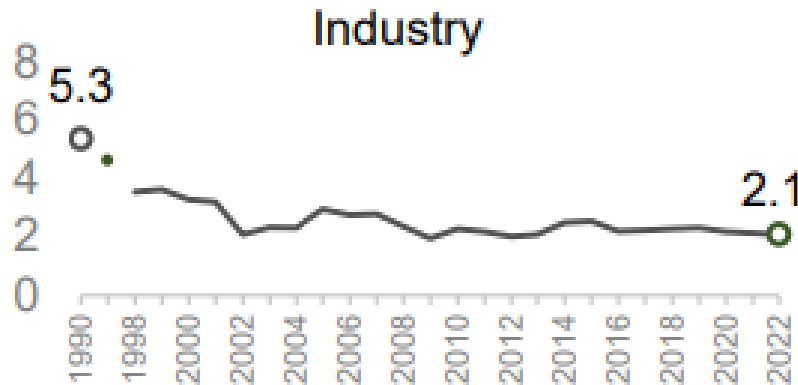
Net Greenhouse Gas Emissions by Sector (%), 2022

NI Summary



Greenhouse gas emissions Northern Ireland, 1990, 1995, 1998-2022

Industry sector



Greenhouse gas emissions by sector Northern Ireland, 1990, 1995, 1998-2022 in MtCO₂e

- Compared to the base year, Industry emissions have decreased by 3.2 MtCO₂e (61.1%). Decreased emissions from the food and drinks industry, the chemical industry, cement and nitric acid production and construction industries contribute to the majority of this fall
- Industry emissions decreased by 0.1 MtCO₂e between 2021 and 2022, with a reduction in emissions from food and drink industries and cement production primarily responsible

Relevant Policies - UK



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- Energy Performance of Buildings Directive
- EU Ecodesign Directive and the Energy Labelling Framework Regulation 2019
- Industrial Non-Road Mobile Machinery Decarbonisation
- Streamlined Energy and Carbon Reporting (SECR) 2018
- Energy Saving Opportunity Scheme (ESOS)
- Combined Heat and Power Quality Assurance (CHPQA)
- UK Emissions Trading Scheme (ETS)
- Industrial Energy Transformation Fund (IETF)
- Fluorinated Gas Regulations

Relevant policies - NI

- Biomethane Policy
- Northern Ireland Building Regulations
- Gas Network Connections General Determination (GD23)

Invest NI

- Technical Consultancy
- Resource Matching through Industrial Symbiosis
- Resource Efficiency Capital Grant
- Energy Efficiency Capital Grant
- Industrial Decarbonisation for Northern Ireland Project (ID-NI)

Biomethane Call for Evidence

- Launched 17th May
- Closes on 9th August
- Industry Workshop on Monday 29 July, CAFRE Loughrey Campus, Cookstown
- To register email: biomethanedfe@economy-ni.gov.uk



Engage with industry



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Work with industry to:

- Understand business, processes and existing technologies that can be decarbonised/use lower carbon emitting technologies.
- **Understand barriers that businesses face to decarbonise**
- Promote relevant policies and guidance e.g. Consultations, Calls for Evidence
- Identify and sign post available funding streams that are appropriate to the business:
 - IETF, Invest NI funding, All Island, PEACE+, UK Innovation Funding, Investment Zone, City Deals, other alternative funding sources ...
- Establish first-of-a-kind demonstrator projects:
 - to show case new approaches with existing technologies
 - and implementation of new/leading edge technologies
 - that can facilitate decarbonisation at scale AND Grow the Green Economy

Funding

Industrial Energy Transformation Fund

- The IETF is a government initiative aimed at helping businesses improve energy efficiency and reduce carbon emissions
- IETF provides funding to support the development and deployment of technologies and processes that can help industries transition to cleaner energy sources reducing their environmental impact
- IETF Phase 3 provides up to £185m of funding from 2024-2028

Investment Zone

- The Department of Levelling Up, Housing and Communities has outlined an opportunity for a NI Investment Zone to focus on the green economy
- Up to £150m

Net Zero Accelerator Fund

- Establish a funding scheme for NI industrial decarbonisation projects
- Having ownership of our own fund will allow us to direct the funding to areas that will most benefit the NI Economy



Business and Industrial Processes Team

- Contact us at:

energyBIP@economy-ni.gov.uk

