# Climate Change in Northern Ireland

Julie Corry, NIEL

Northern Ireland Executive
www.northernireland.gov.uk

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# Climate Change in Northern Ireland

- How the climate is already changing in NI
- How this is affecting us?
- What can we do?

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# How the climate is already changing in NI

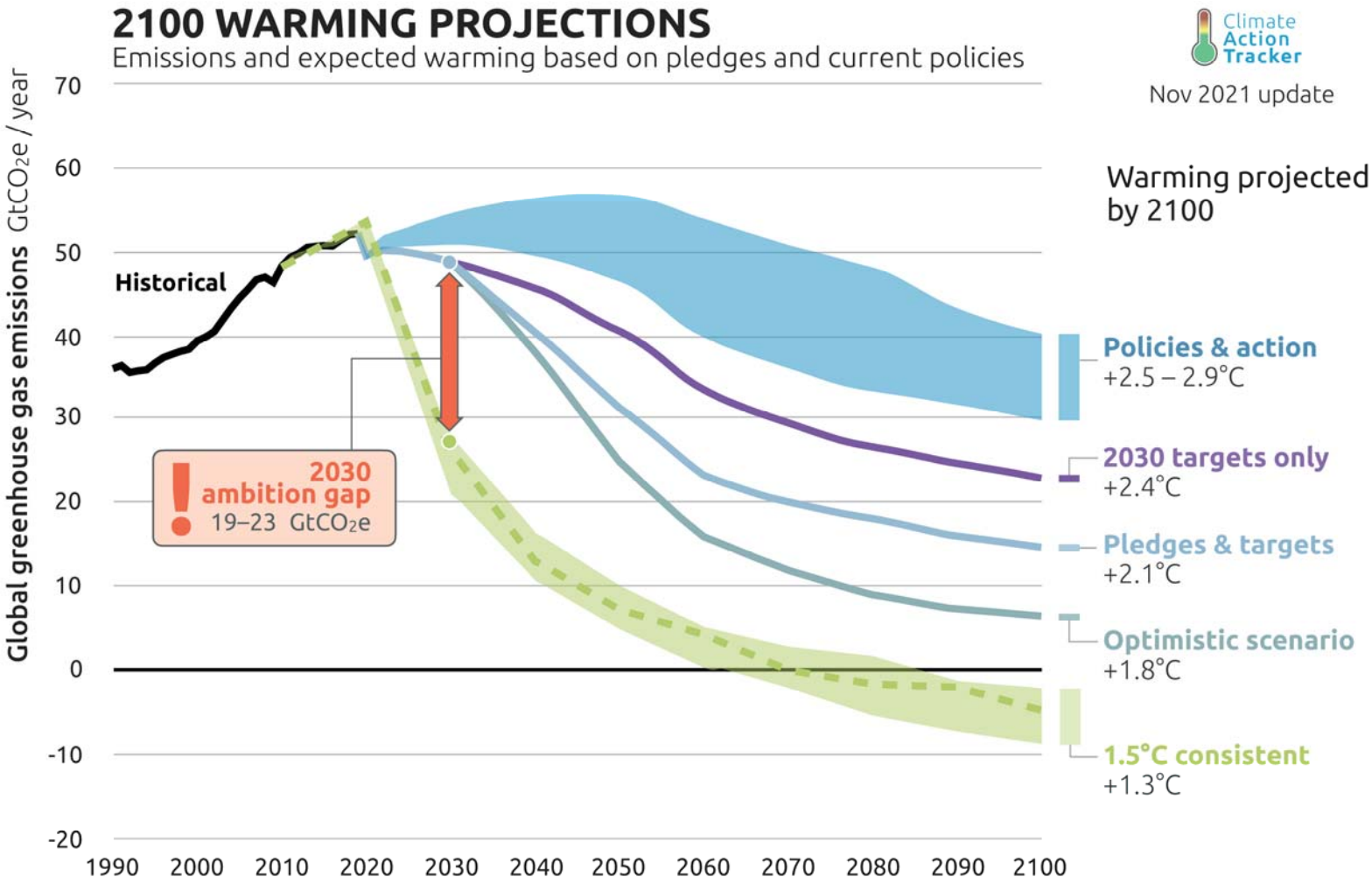


Image from Climate Action Tracker. https://climateactiontracker.org/global/temperatures/

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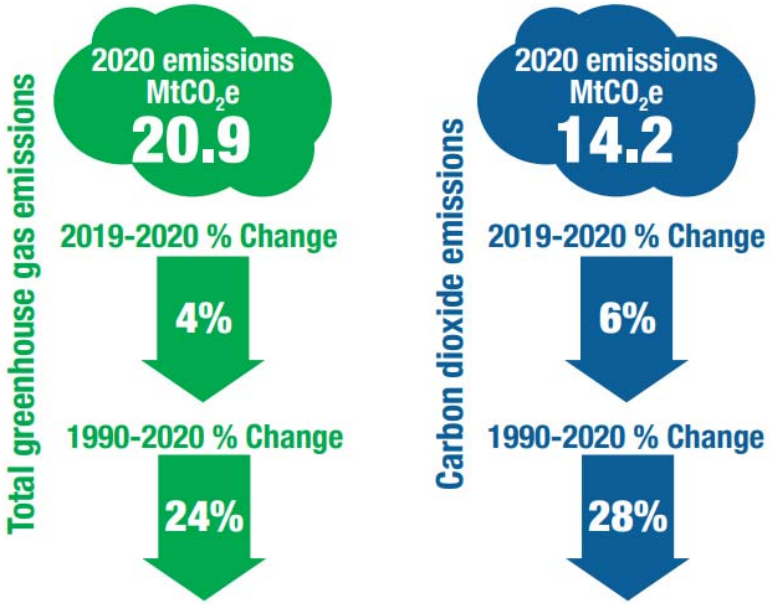
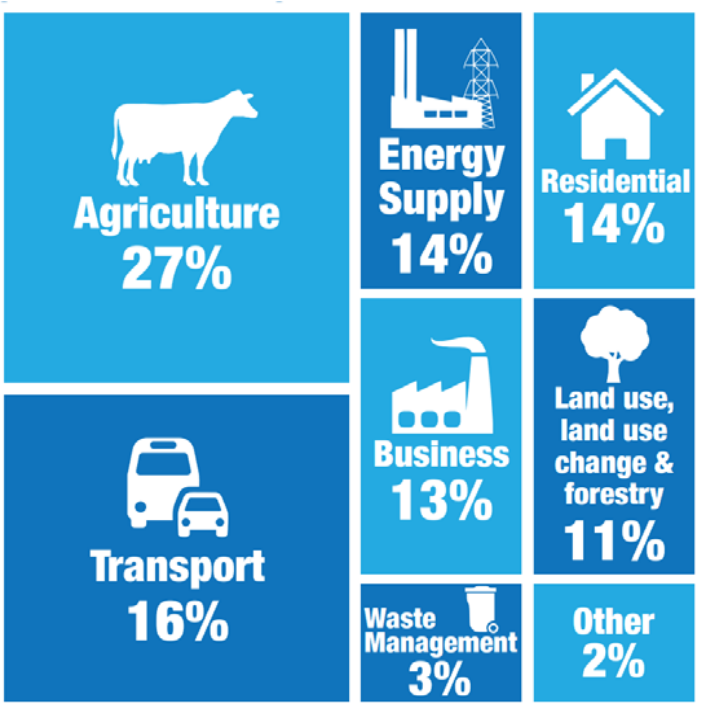
# NI's GHG emission reduction to date

NI Greenhouse Gas emissions have decreased by 24% since 1990




NI GHG Emissions by Sector




Source: Northern Ireland GHG Inventory 2020

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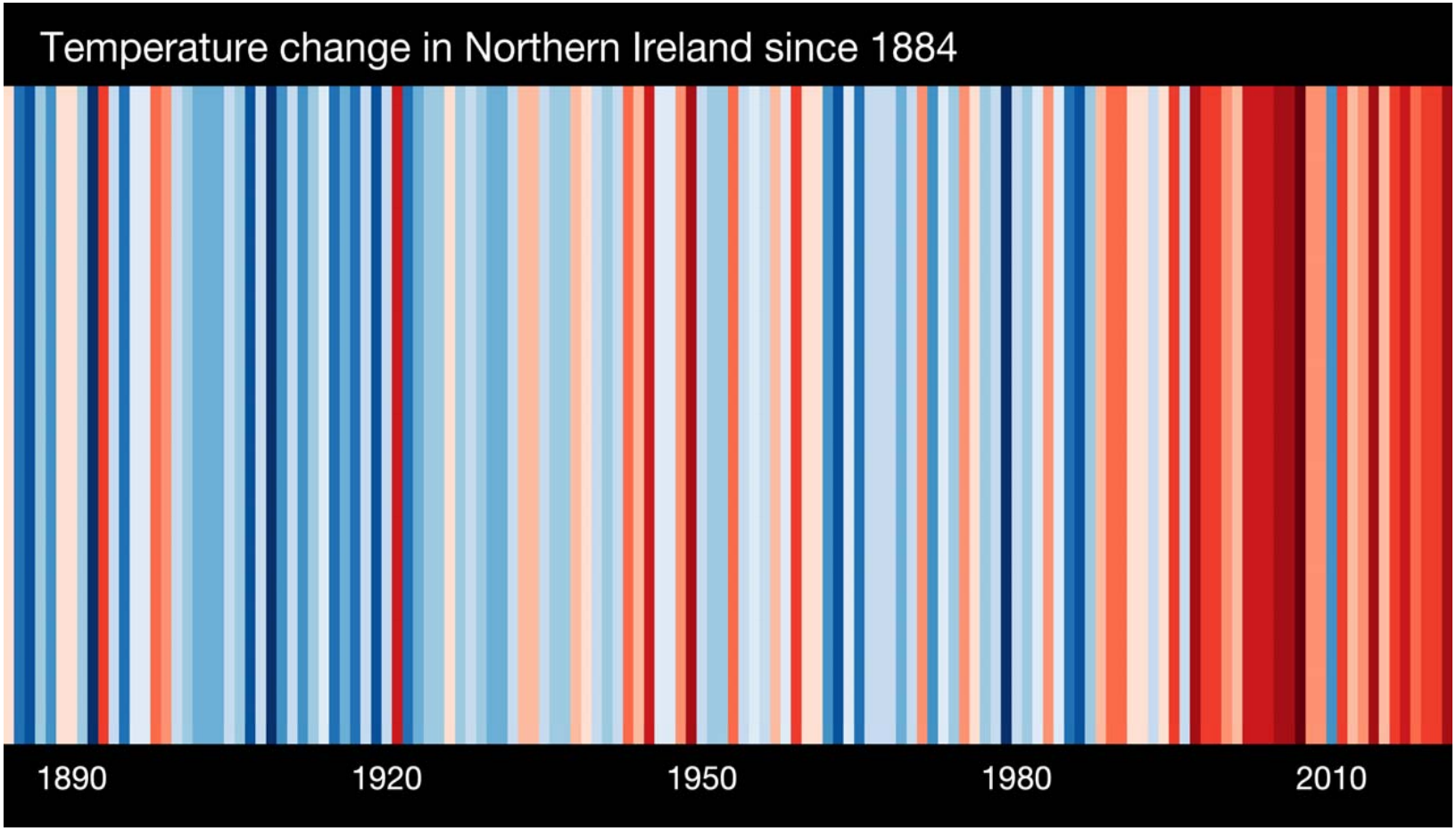


Professor Ed Hawkins (University of Reading)
http://showyourstripes.info

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# How this is affecting us

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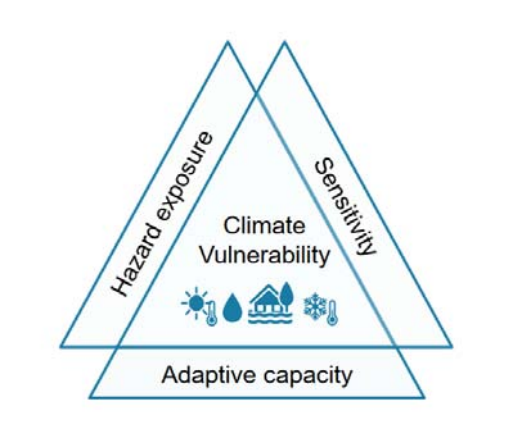
**NI is already being affected, so we must prepare for climate impacts and reduce GHG emissions at the same time.**

**Climate change makes existing risks worse.**



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**Sectoral Briefings including:**

- Children & Young People
- Agriculture & Food
- Business
- Cultural Heritage
- Energy
- Flooding & Coastal Change
- Freshwater Habitats
- Health & Social Care
- High Temperatures
- Housing
- Land Use, Land-Use Change & Forestry
- Marine & Coastal
- Telecoms & ICT
- Terrestrial Biodiversity
- Transport
- Water
- Wildfire

# The main climate risks have been assessed for NI

- **61 Risks & Opportunities** from Climate Change
- **31 Risks** require more urgent action
- **19 Risks** need further investigation
- **ukclimaterisk.org**

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# What can we do?

MITIGATE

ADAPT

# Responding to Climate Change

action to reduce the severity of climate change

preparing for the impacts of climate change

HOW?

reducing greenhouse gas emissions.

HOW?

understand how you are at risk and make a plan.

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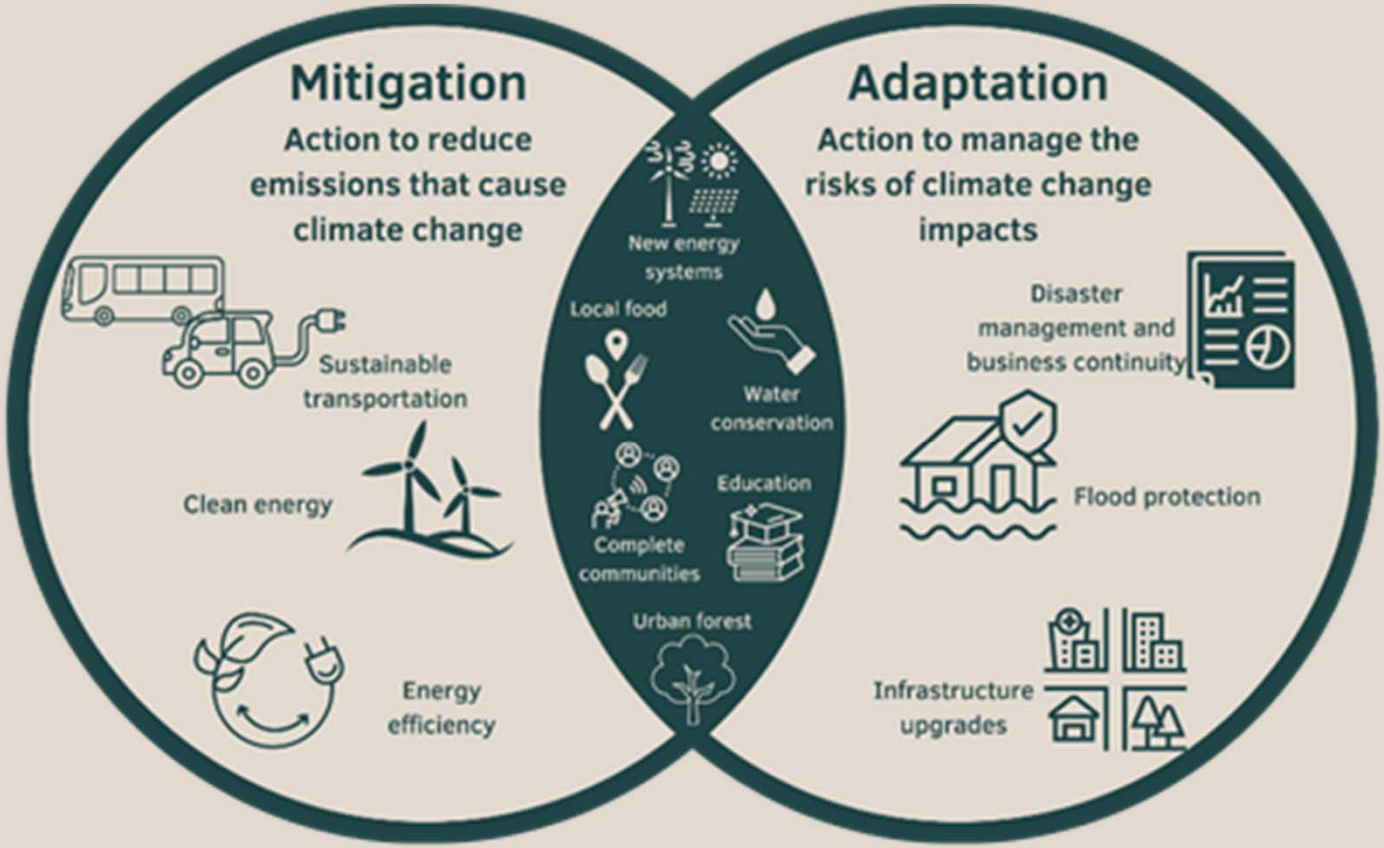
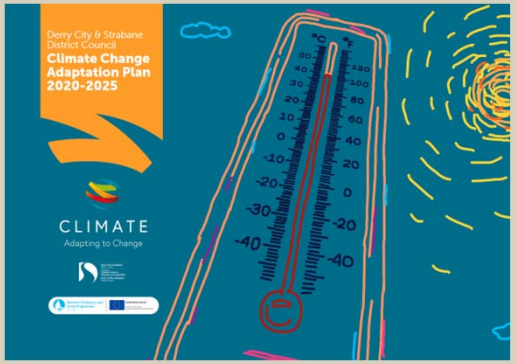
# Mitigation and Adaptation Actions





Local Councils are thinking globally and acting locally

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