



# Dublin Economics Workshop Climate Change: Do we have the correct institutions in place?

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## Vision

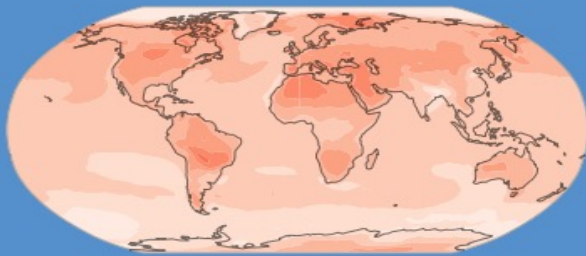
**‘We live sustainably in a healthy environment that is valued and protected by all’**



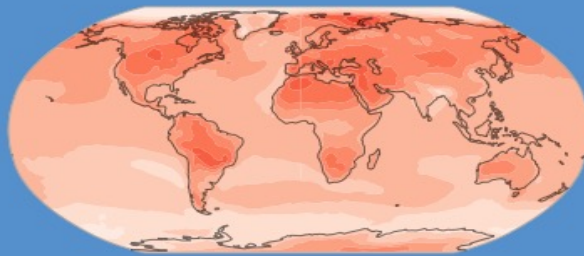
# Science: Global messages from the IPCC

**Extremes become more widespread and pronounced with every increment of warming**

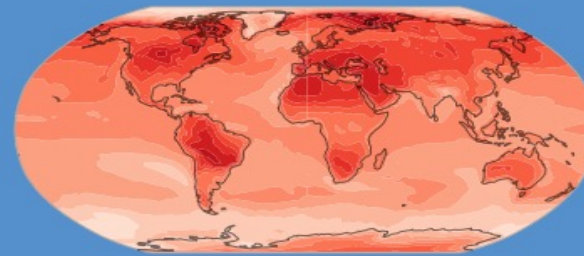
+1.5°C



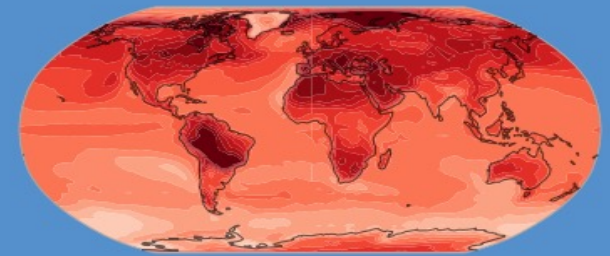
+2°C



+3°C



+4°C



# Science: Status of Irelands Climate

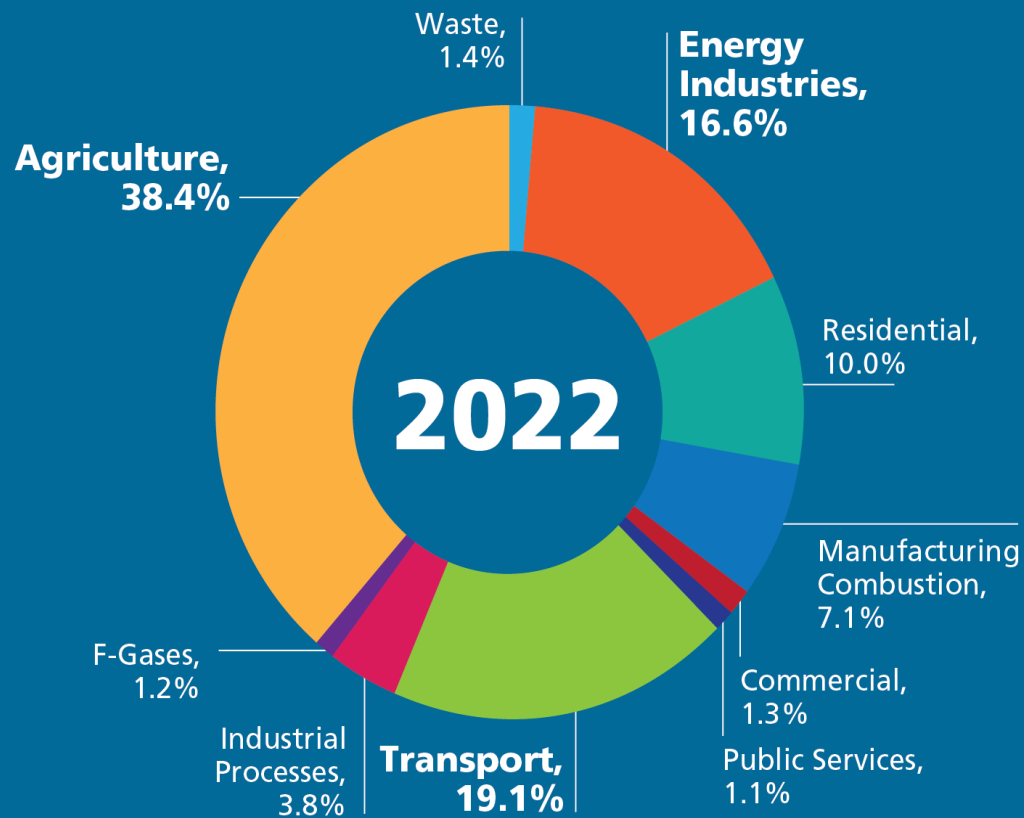




# Greenhouse Gas Inventories 2022



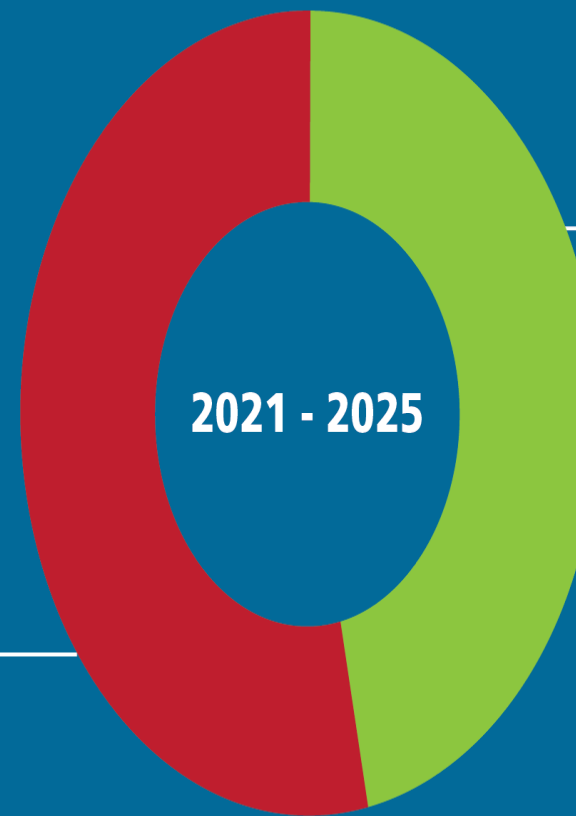
60.76 Million tonnes CO<sub>2</sub>eq (excl. LULUCF)



## Carbon Budget 1

295 Mt CO<sub>2</sub>eq

Remaining Carbon Budget, 53.4%

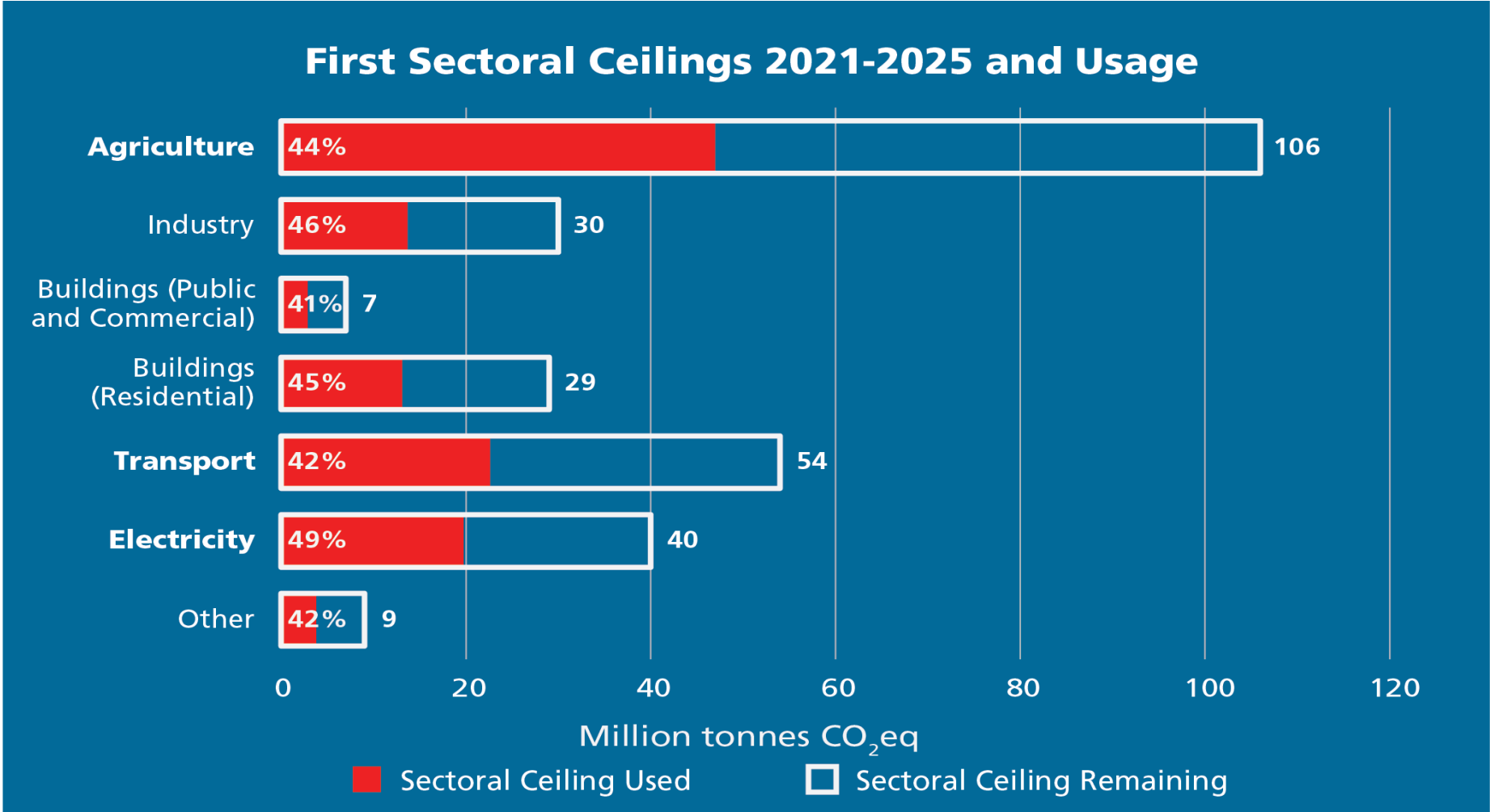


2021 and 2022 GHG Emissions, 46.6%

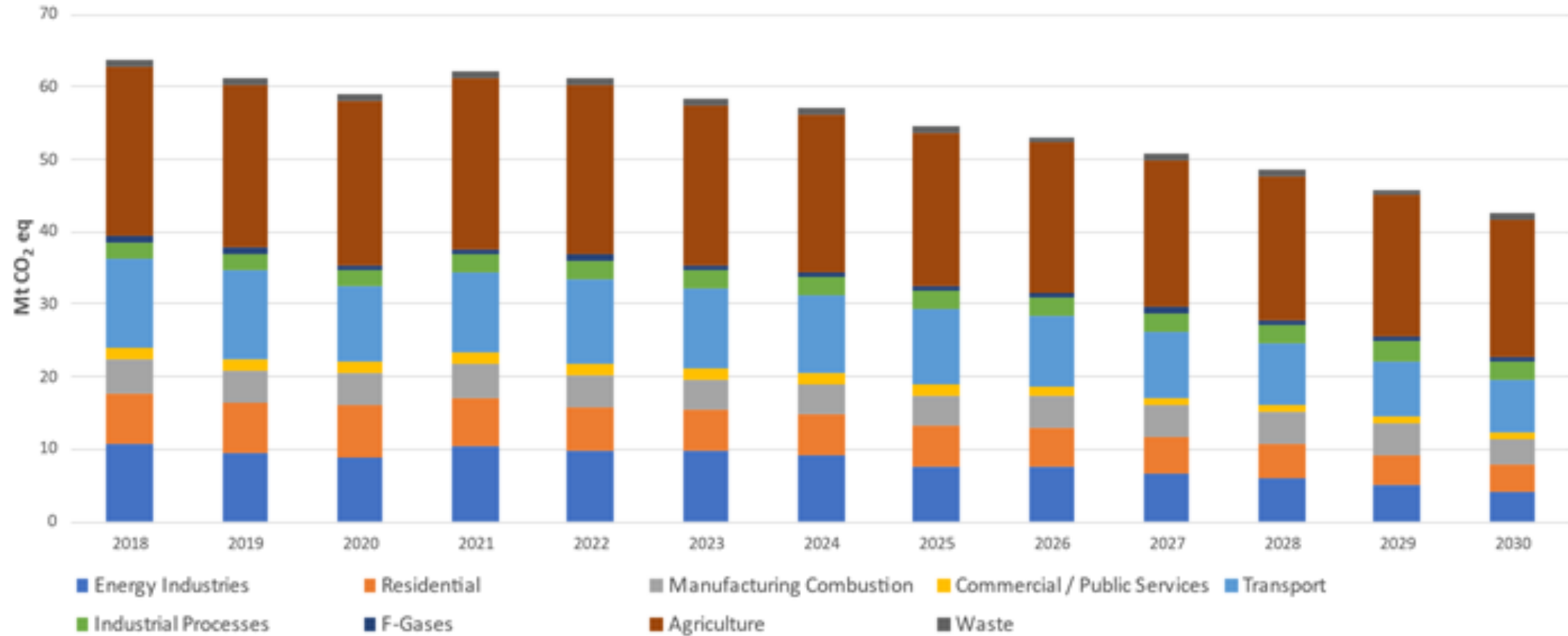
2021 - 2025



# Carbon Budget 1 and Sectoral Ceilings (2021-2025)



# Greenhouse Gas Projections



# Risks to delivery of climate change mitigation and adaptation



INVESTMENT

POLITICAL WILL

SOCIAL  
ACCEPTABILITY



# Ireland's Institutions: Changing to support Climate Change



- At times of industrial revolution institutions will need to change or become obsolete

# Where to go next

Temperature change in Ireland since 1850

