



Torbay's greenhouse gas emissions - where we are and where we need to get to

Torbay climate strategy; transport and mobility
27th May 2022

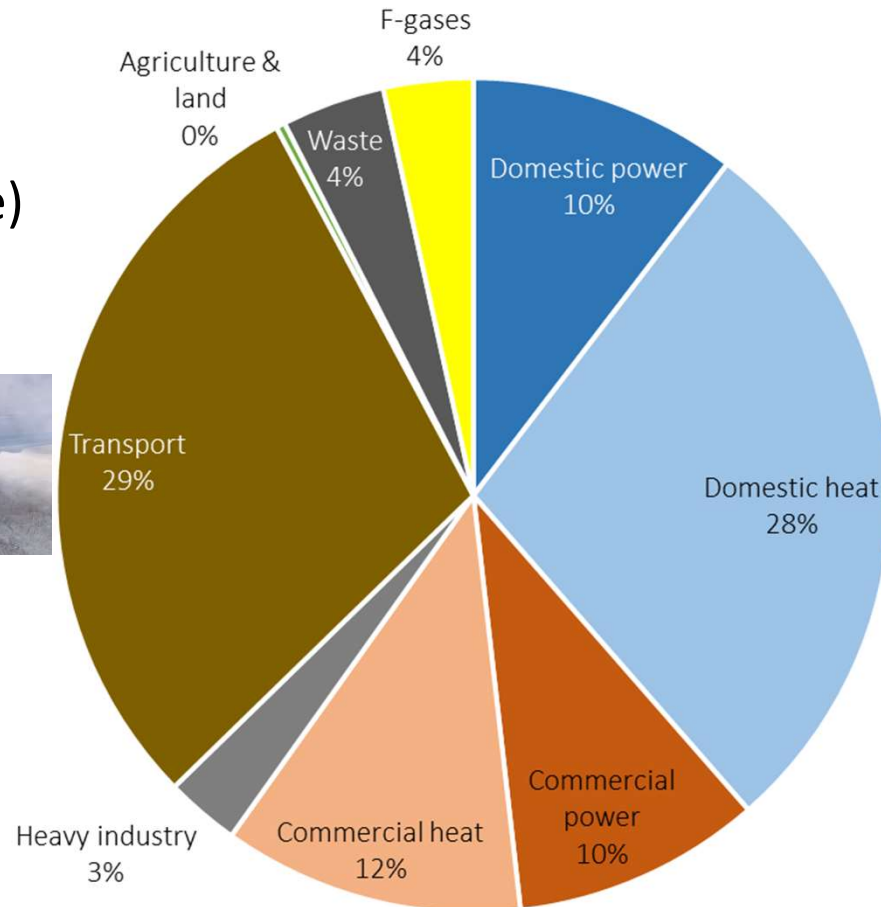
Tony Norton, Head of the Centre for Energy and the Environment

Torbay's 2019 greenhouse gas (GHG) emissions

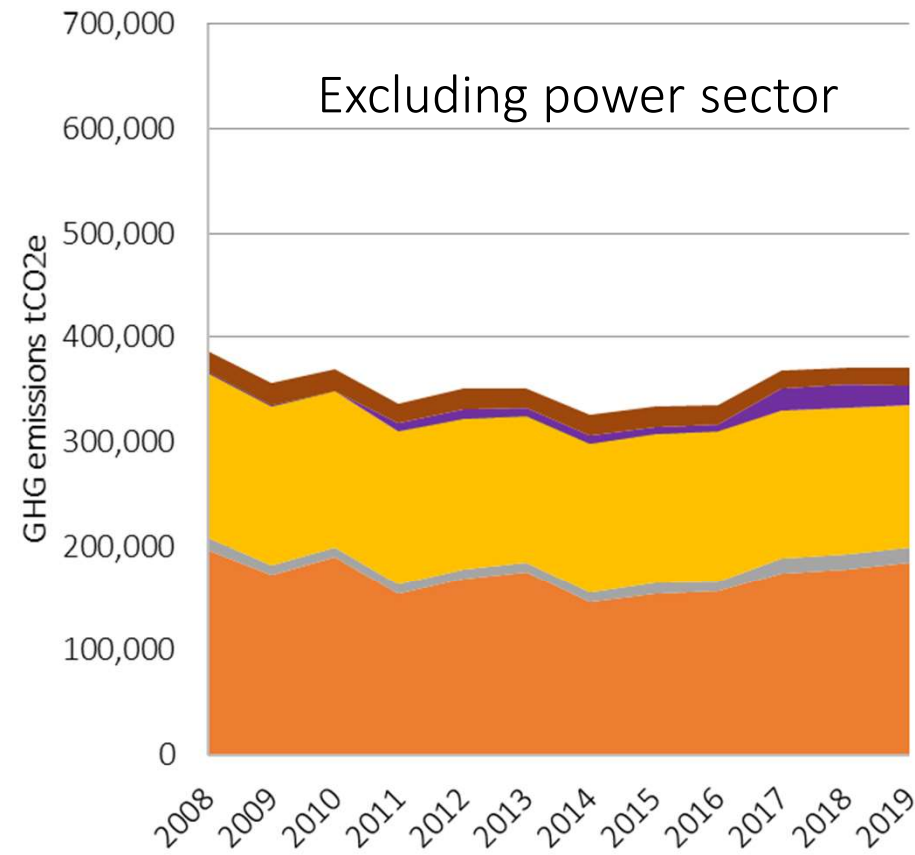
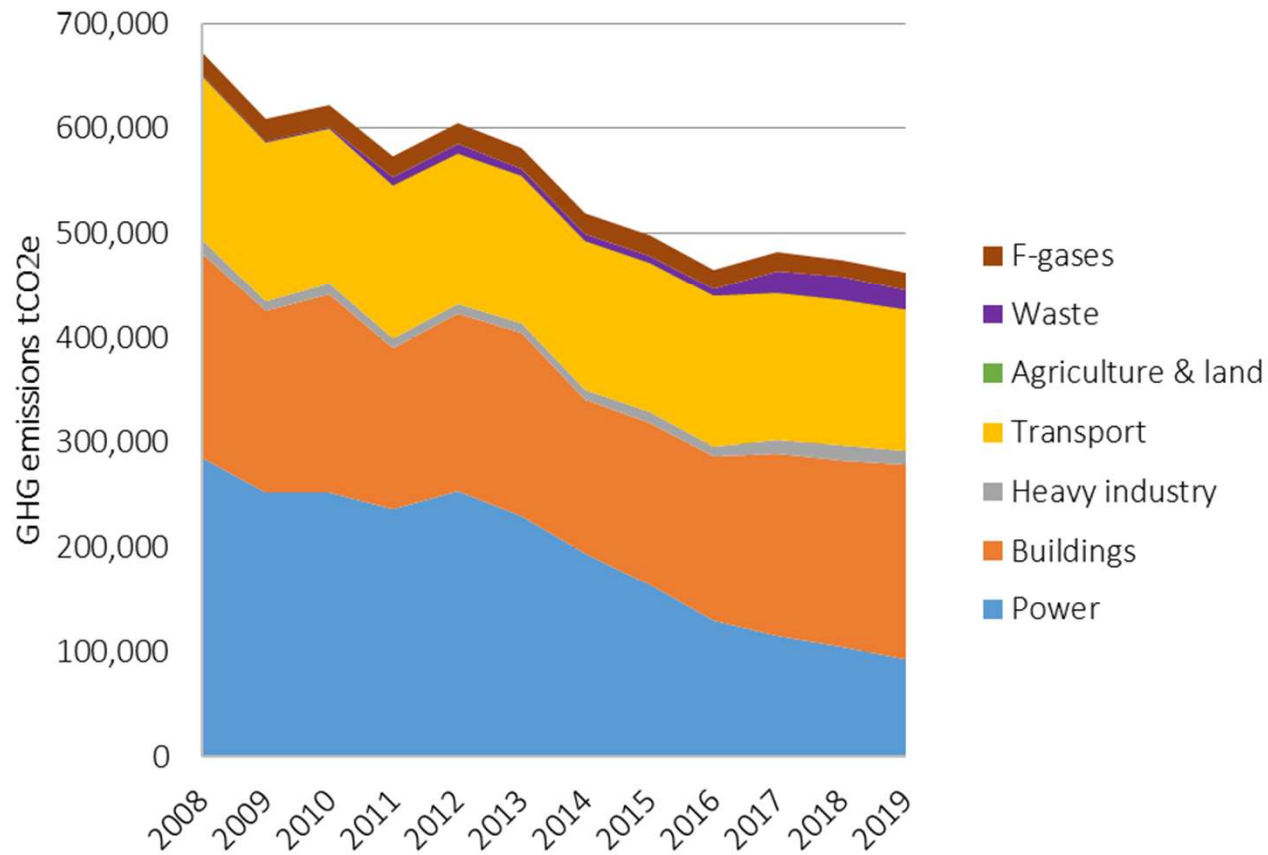


Total GHG in 2019

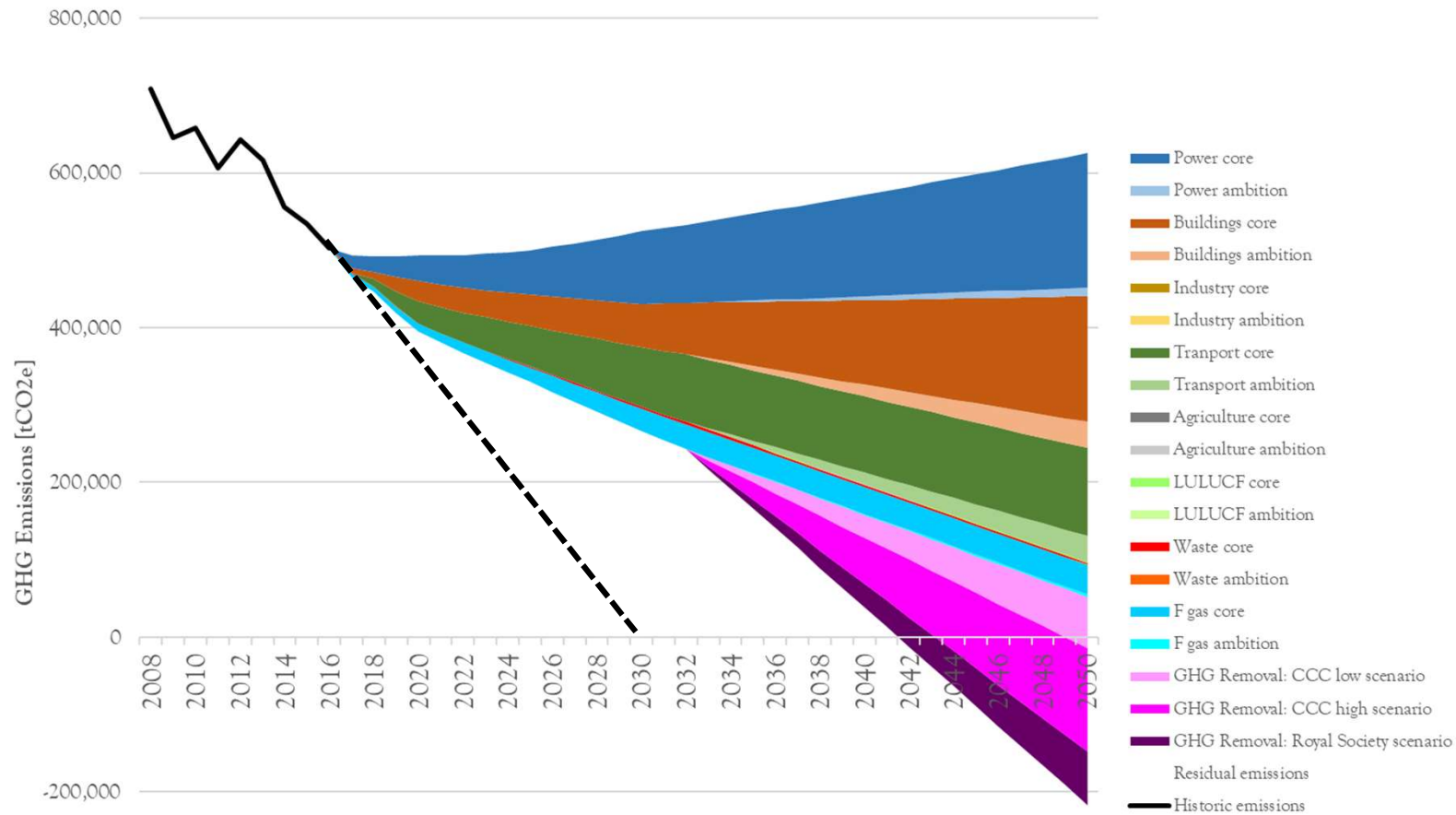
462 kt carbon dioxide equivalent (CO₂e)
of which over 90% is CO₂ from
burning fossil fuels



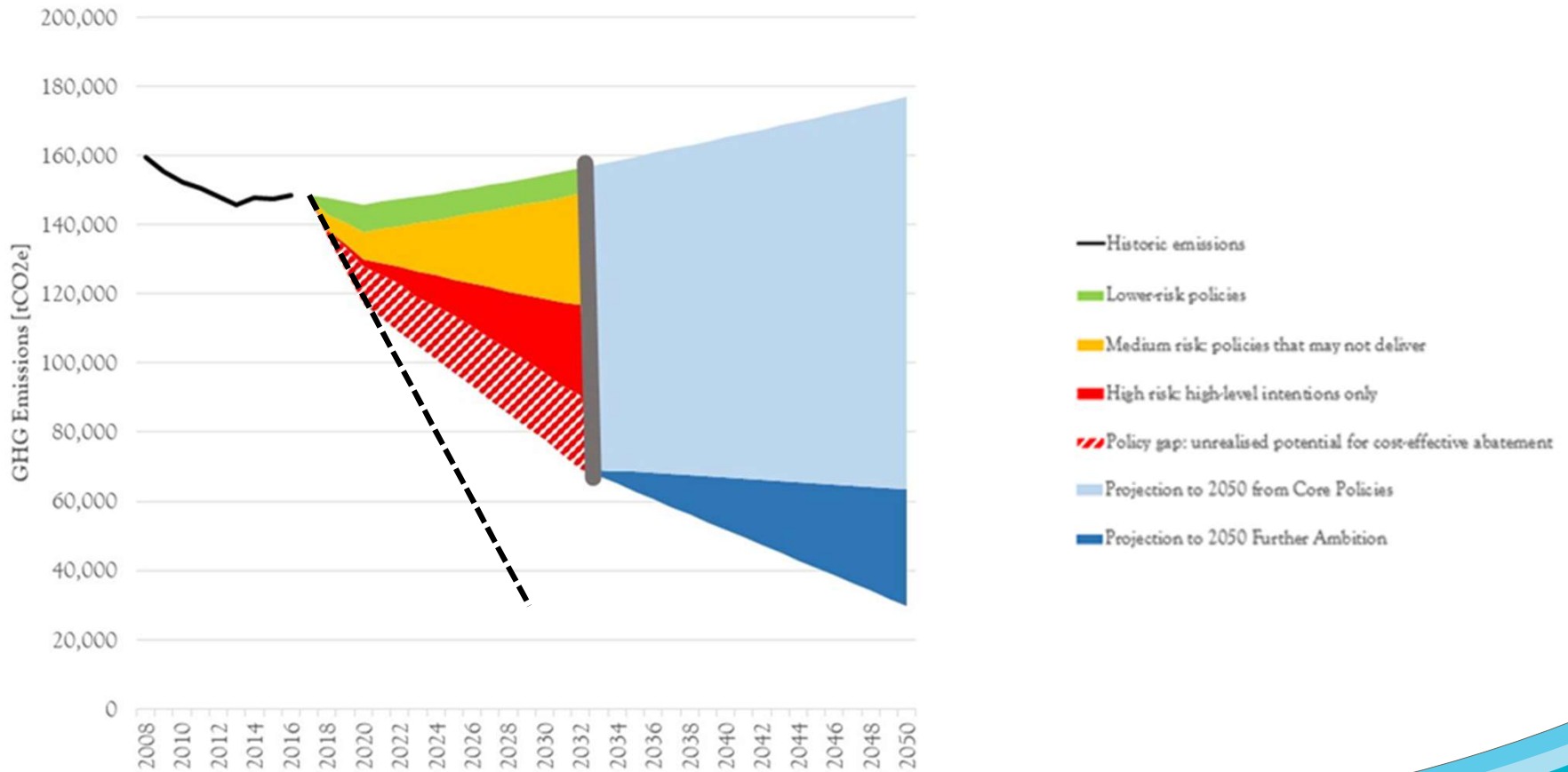
Historic GHG emissions in Torbay



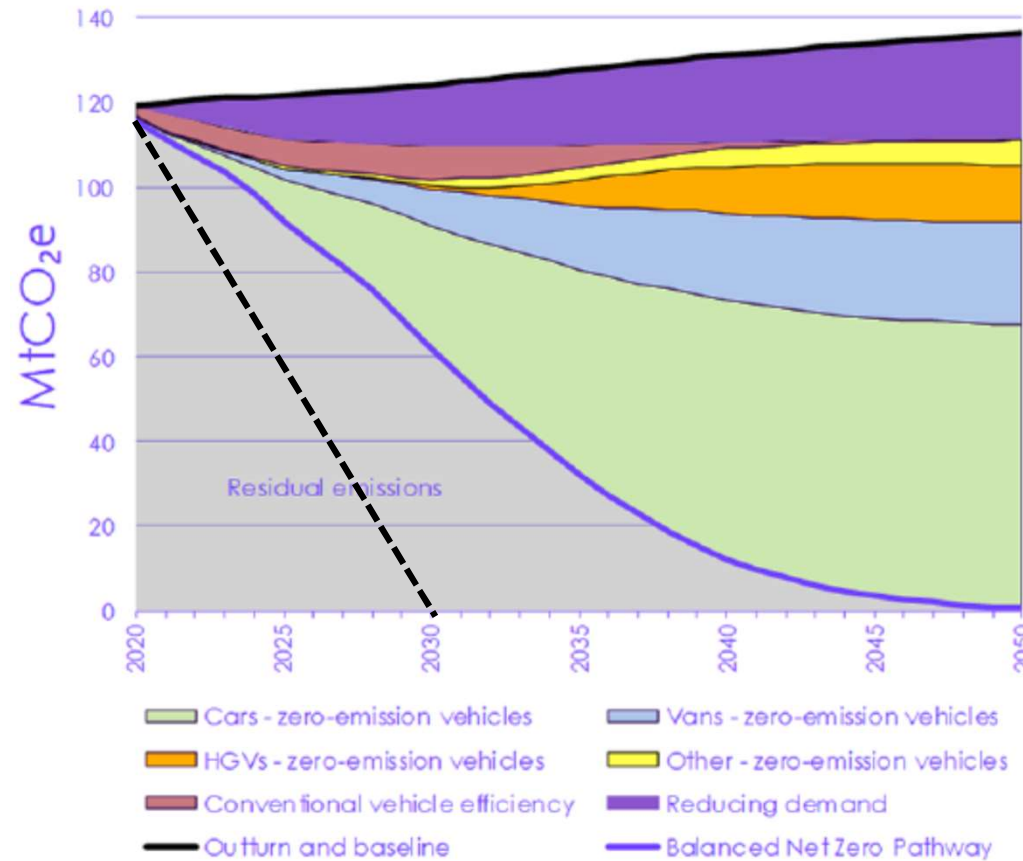
Net Zero 2050 GHG emissions in Torbay



Transport and mobility



The CCC's surface transport "balanced pathway"



Source: Sixth Carbon Budget, CCC

2030 transport and mobility challenges



- Persistence of fossil fuelled cars and vans
 - average life is 14 years
- Electric vehicle barriers
 - range, charging, costs
- Modal shift
 - 10% of miles travelled in vehicles
- Freight transport
 - Zero carbon HGV technology development and funding
- Public transport
 - Funding for zero carbon busses and trains



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