

SCATTER Data on Greenhouse Gas Emissions

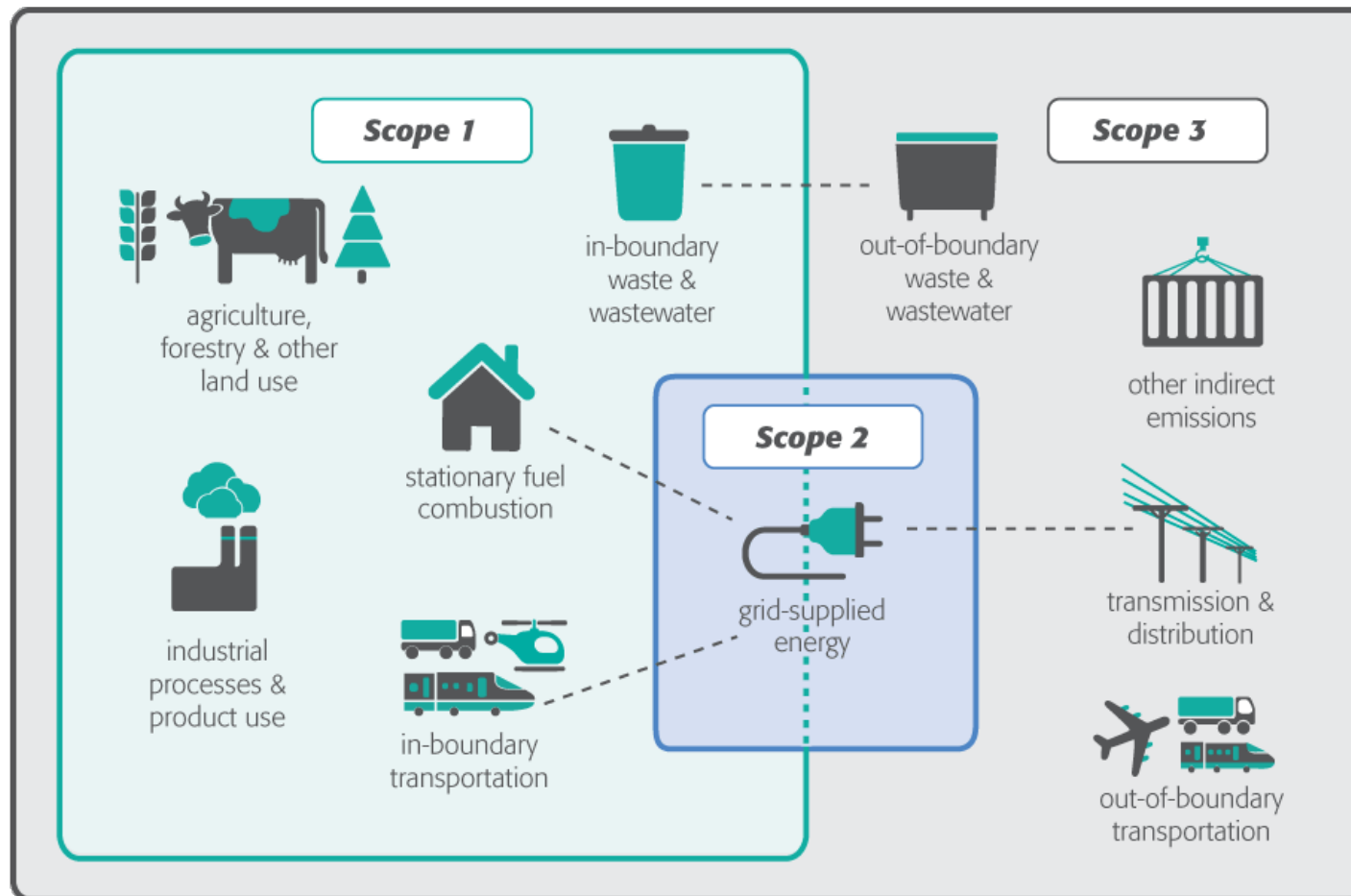
For Folkestone & Hythe District

SCATTER model - background

- Online resource for local authorities using latest available national data from Government (DEFRA, BEIS) and other sources
- District-specific data used where available, otherwise data is apportioned according to population size
- Follows the Greenhouse Gas Protocol – internationally recognised standard for businesses and organisations
- Can be used to model emissions arising:
 - Directly within a local authority's area
 - Emissions beyond the boundaries generated by demand within the area

SCATTER model - background

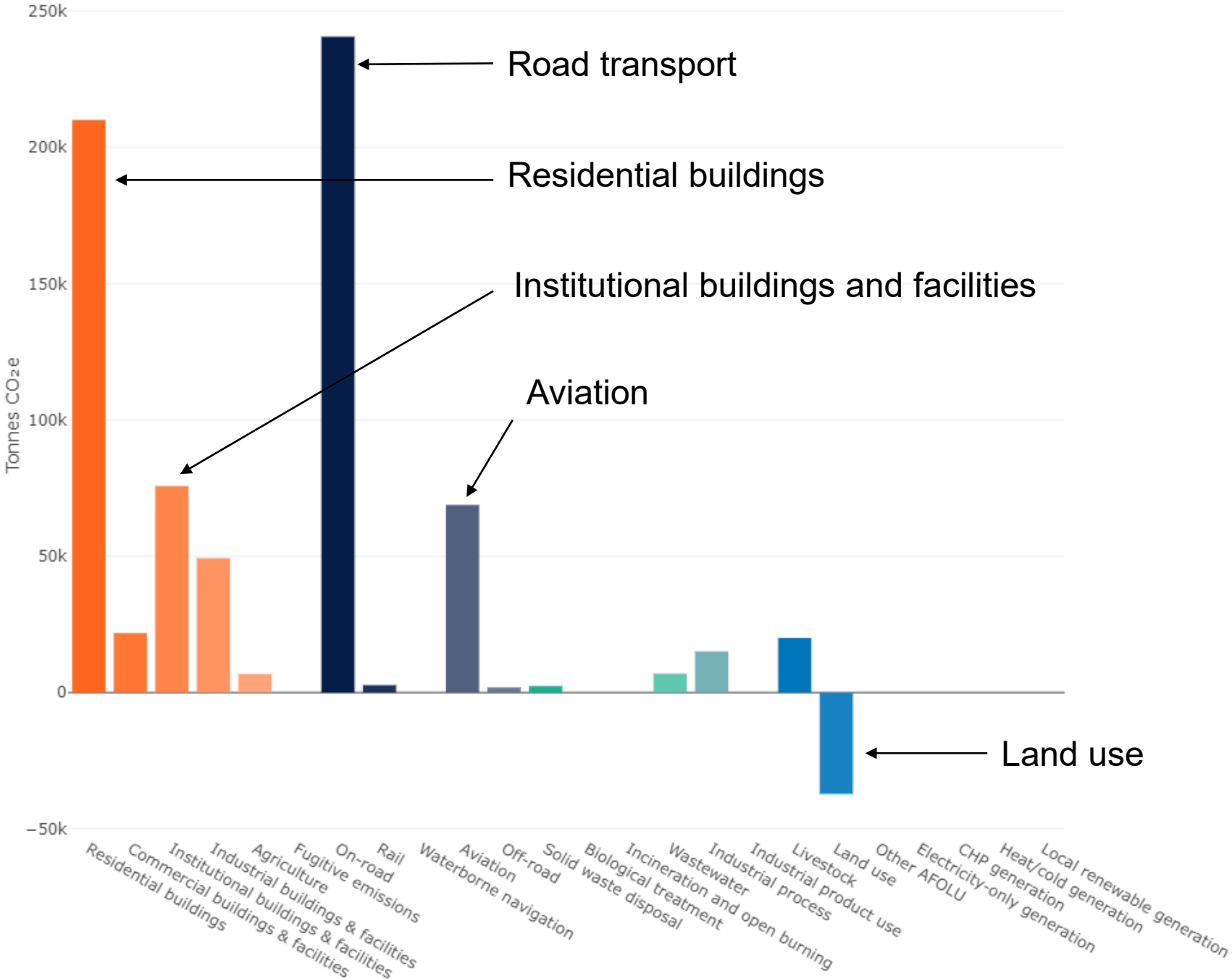
- Measures emissions from three scopes: direct (scope 1); indirect electricity (scope 2); and other indirect sources (scope 3)



SCATTER model – emissions generation

- Data for all three scopes for Folkestone & Hythe District area shows large contribution of road transport and housing stock
- There is some small net reduction provided by land use activities but not enough to cancel out the other sources of emissions

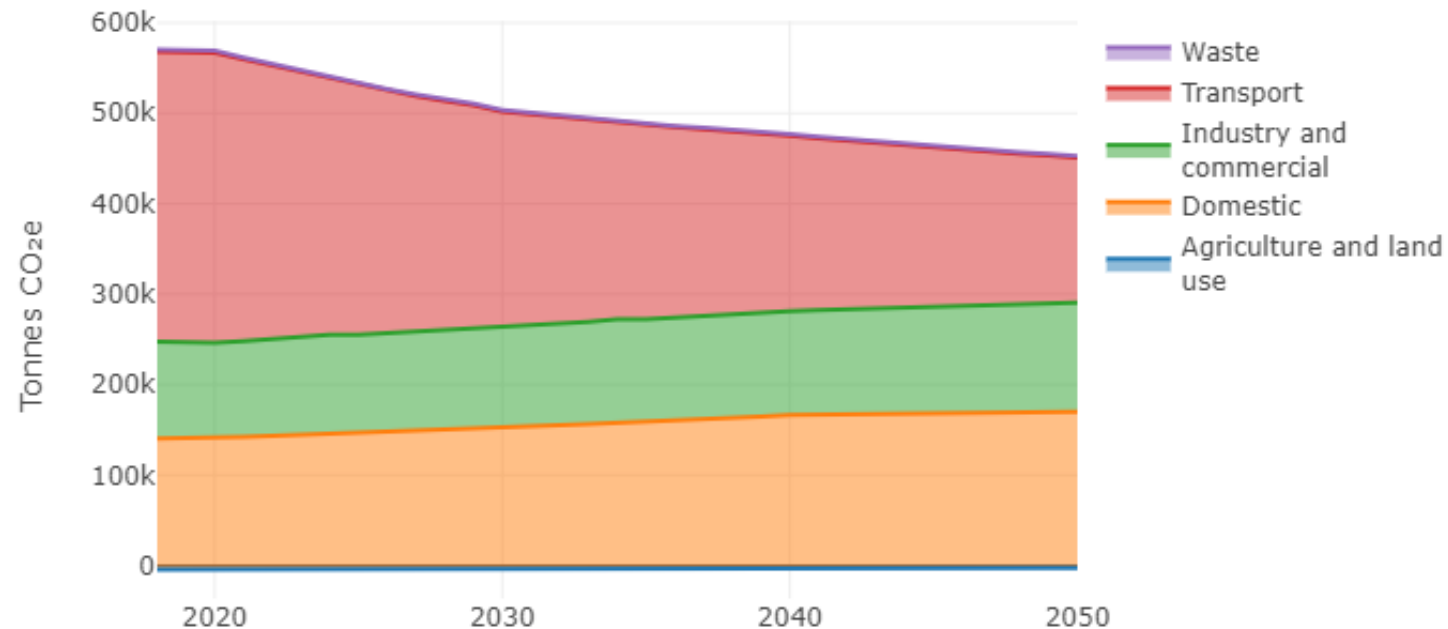
SCATTER model – emissions generation



SCATTER model – emissions reduction

- SCATTER model shows likely impact of emissions reduction measures
- Some reduction in emissions is anticipated even without intervention but this trend shows a slow downward trajectory

Emissions Summary by end use, 2020 - 2050 (tCO₂e)



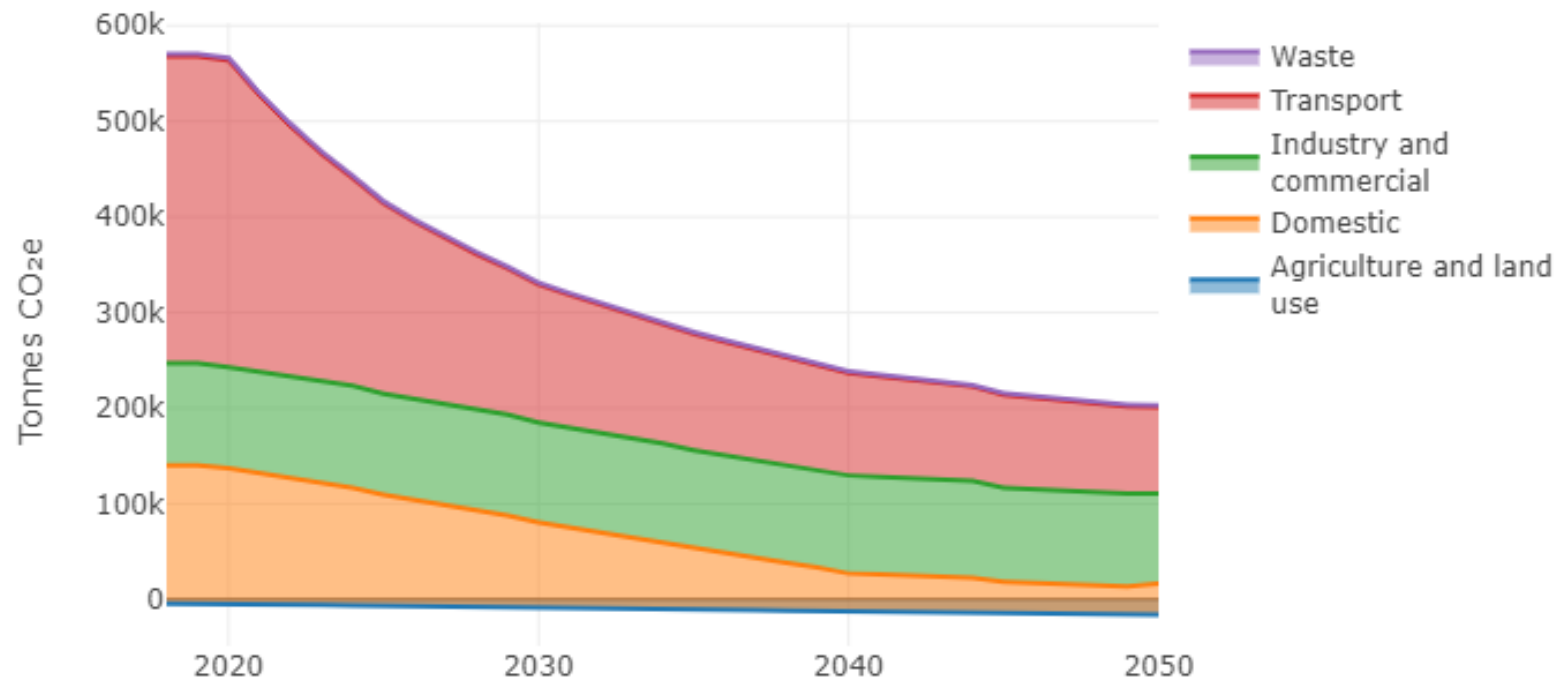
SCATTER model – emissions reduction

- Interventions can be modelled for:
 - Agriculture and land use
 - Domestic buildings
 - Energy supply
 - Industrial and commercial
 - Transport
 - Waste
- Interventions include demand reduction measures and introduction of less polluting technology

SCATTER model – emissions reduction

Model suggests that extensive interventions would be needed in road transport, the existing housing stock and industrial and commercial sector to make a significant impact on emissions

Emissions Summary by end use, 2020 - 2050 (tCO₂e)



Questions?