

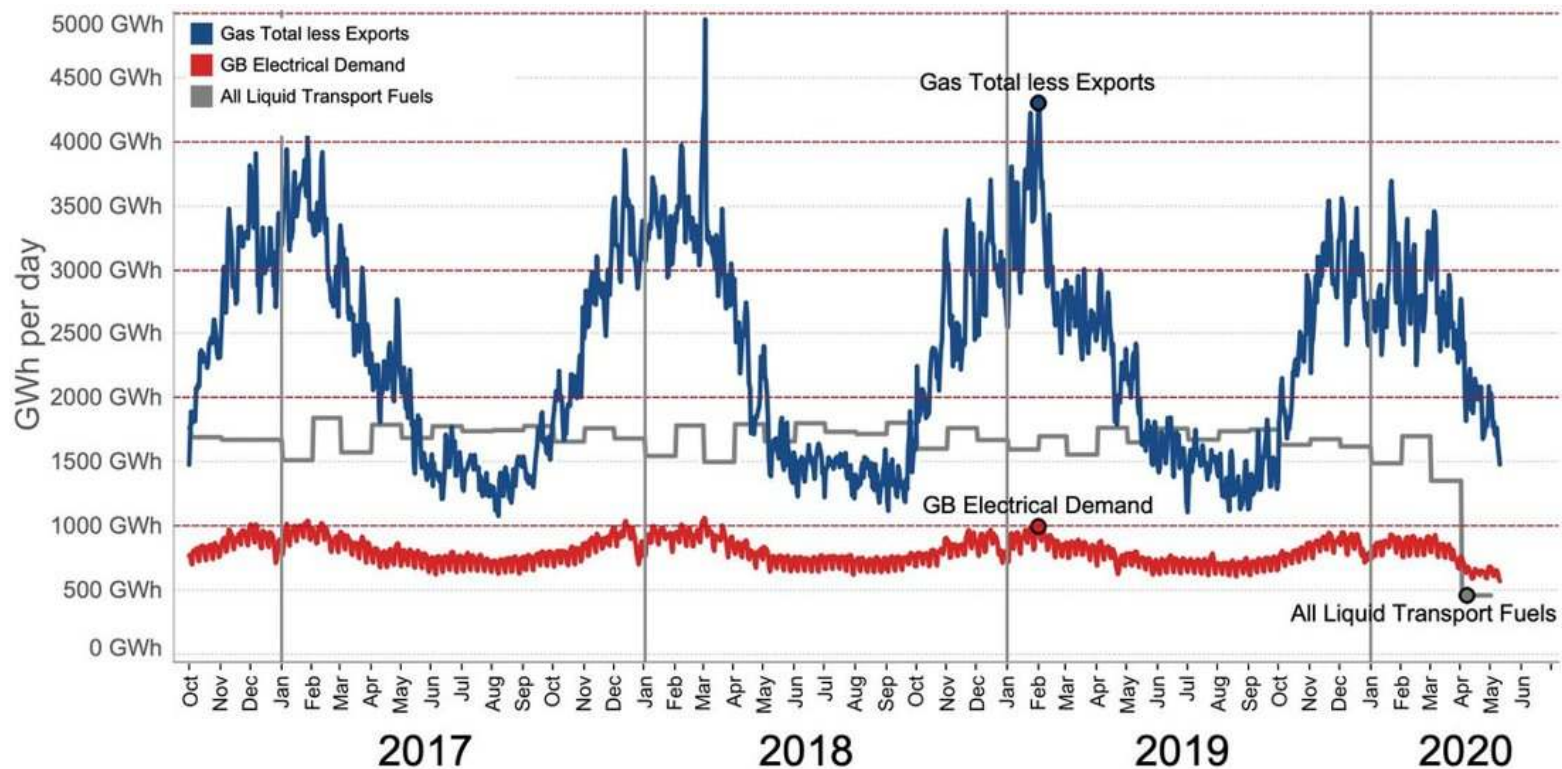
Cumbria Green Investment Plan

Decarbonising energy

Michael Osborne

July 2021

Understanding the problem



UNIVERSITY OF BIRMINGHAM

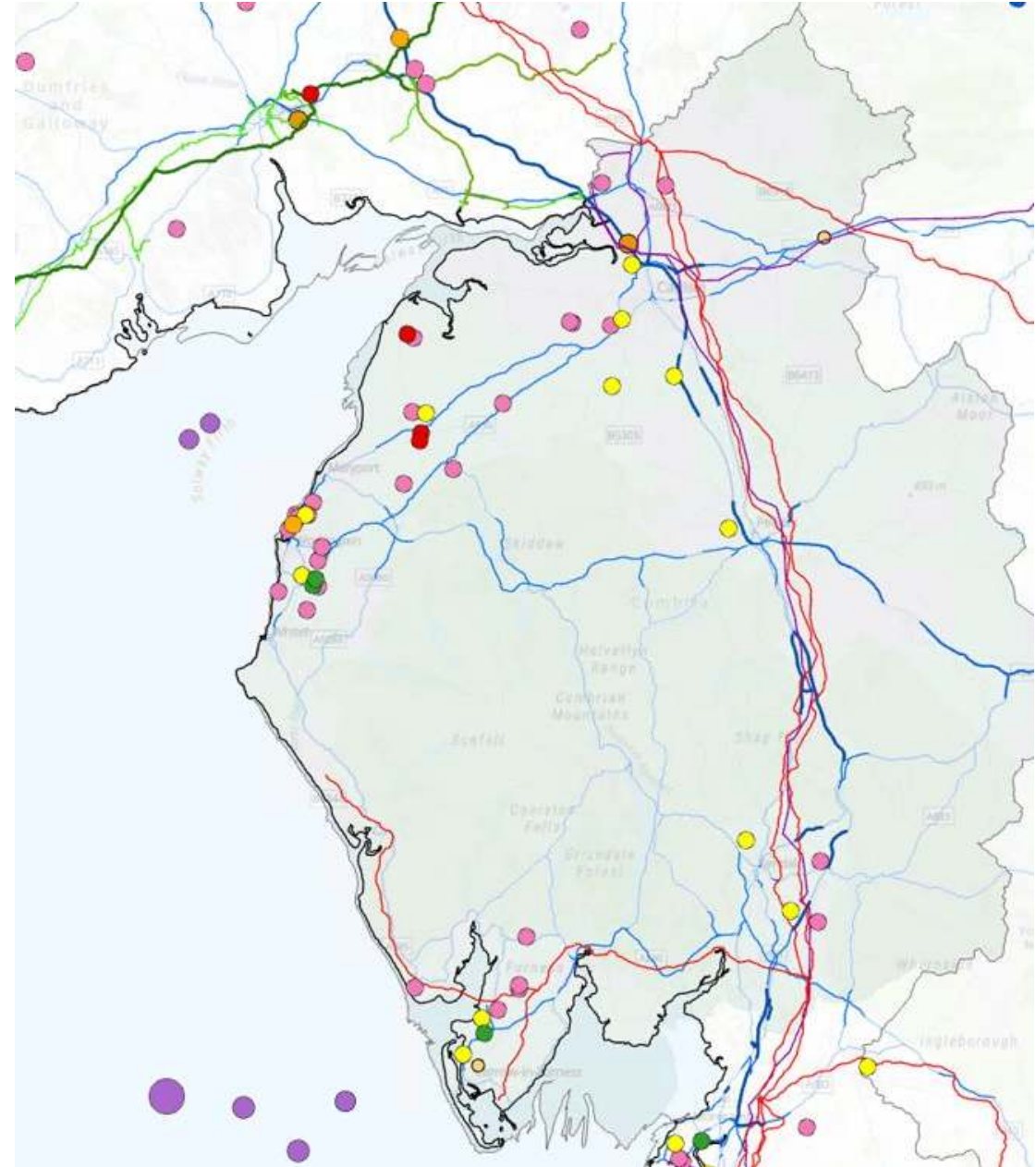


Underlying data are from National Grid, Elexon and BEIS
Figure created by Dr. Grant Wilson: i.a.g.Wilson@bham.ac.uk

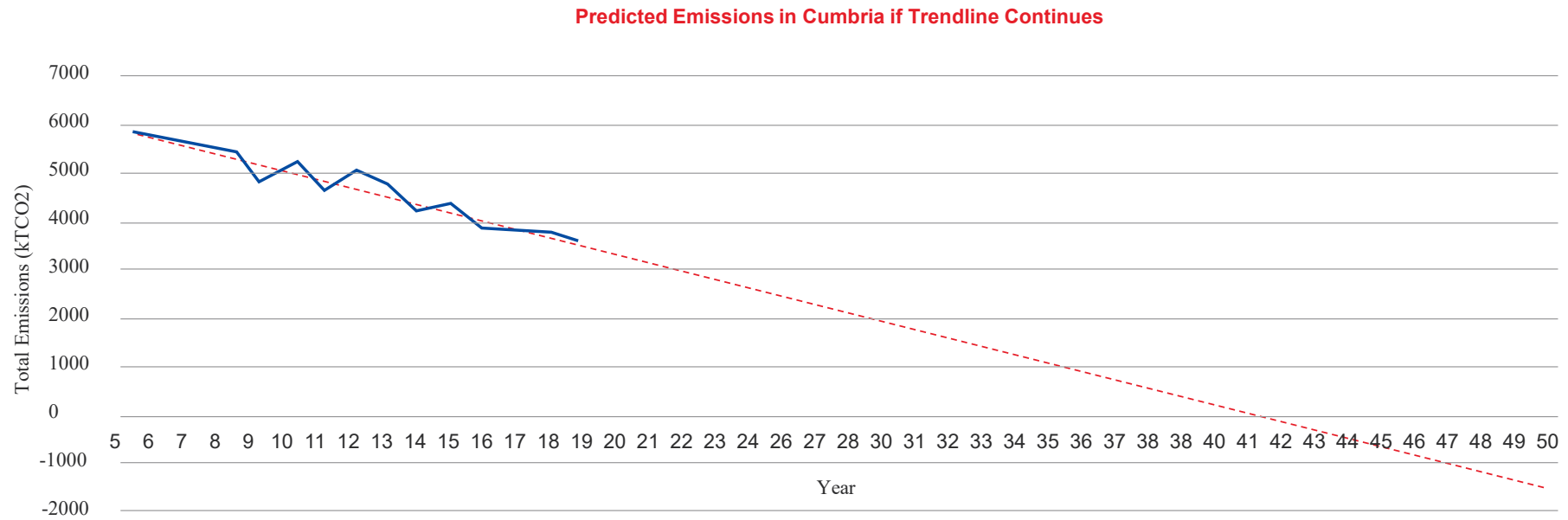
Understanding assets

Mapping and exploring relationships

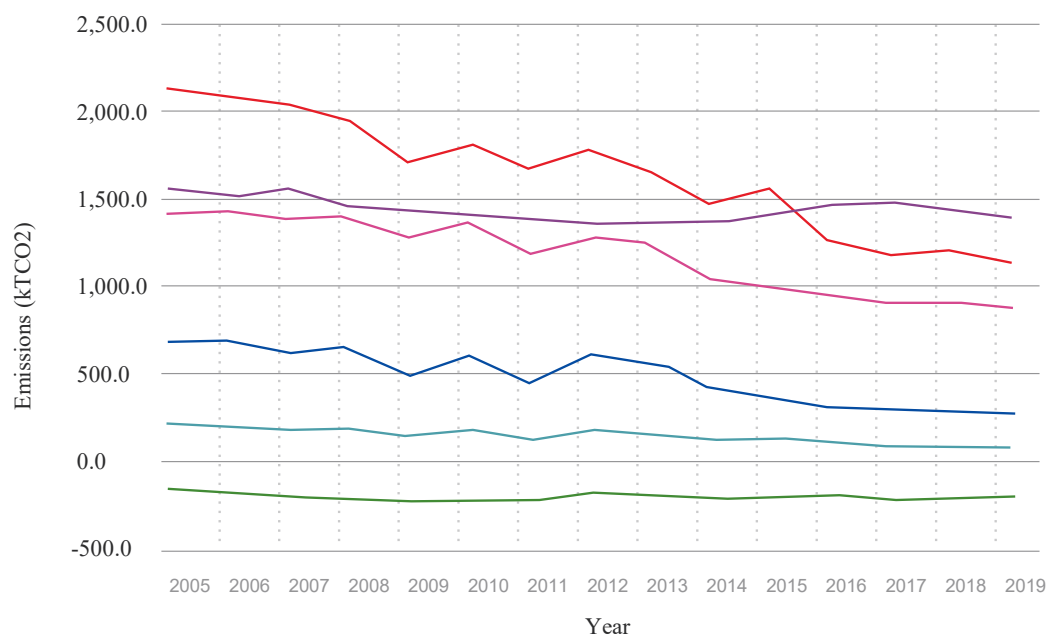
- Renewables
- Networks
- Infrastructure
- Emissions



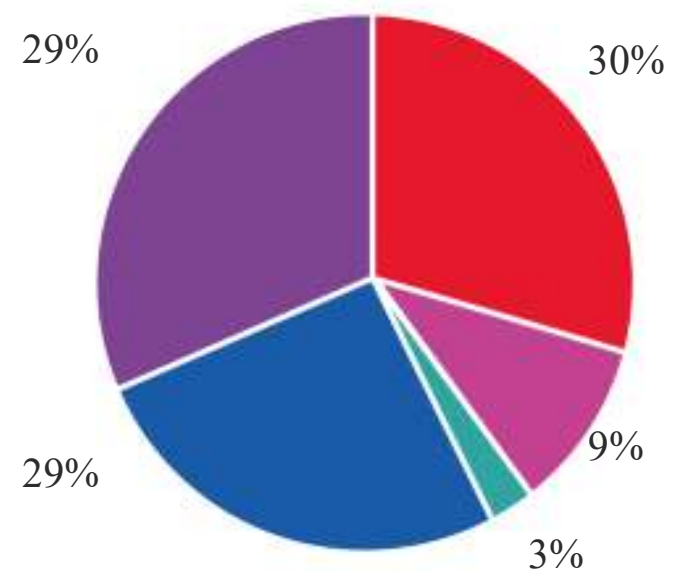
Understanding the trend



Understanding where to focus



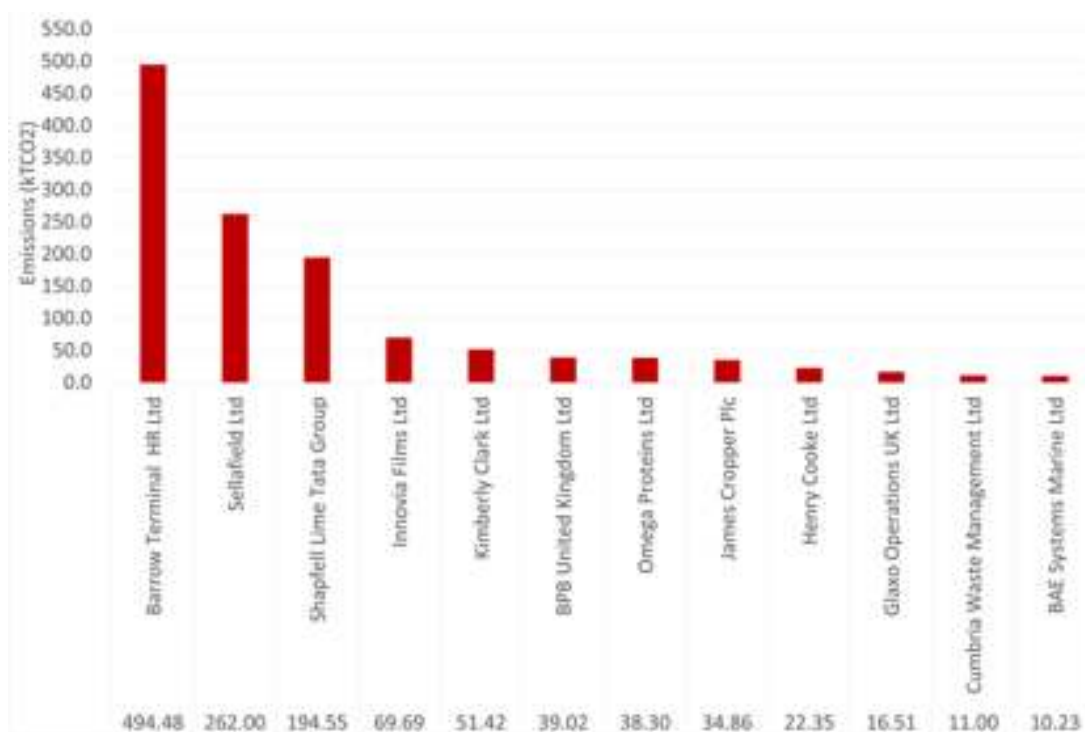
Cumbria's Emission by Sector (2019 BEIS data)



- Industry Total
- LULUCF Net Emissions
- Transport Total
- Domestic Total
- Public Sector Total
- Commercial Total

Understanding the opportunities

Cumbria's highest point source emitters of Co2 in 2019 (BEIS data)



Identifying green investment opportunities

ARUP

Projects where there is a coalition of the willing

- Renewable energy
- Grid networks
(storage and distribution)
- Decarbonising industry
- Decarbonising transport

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