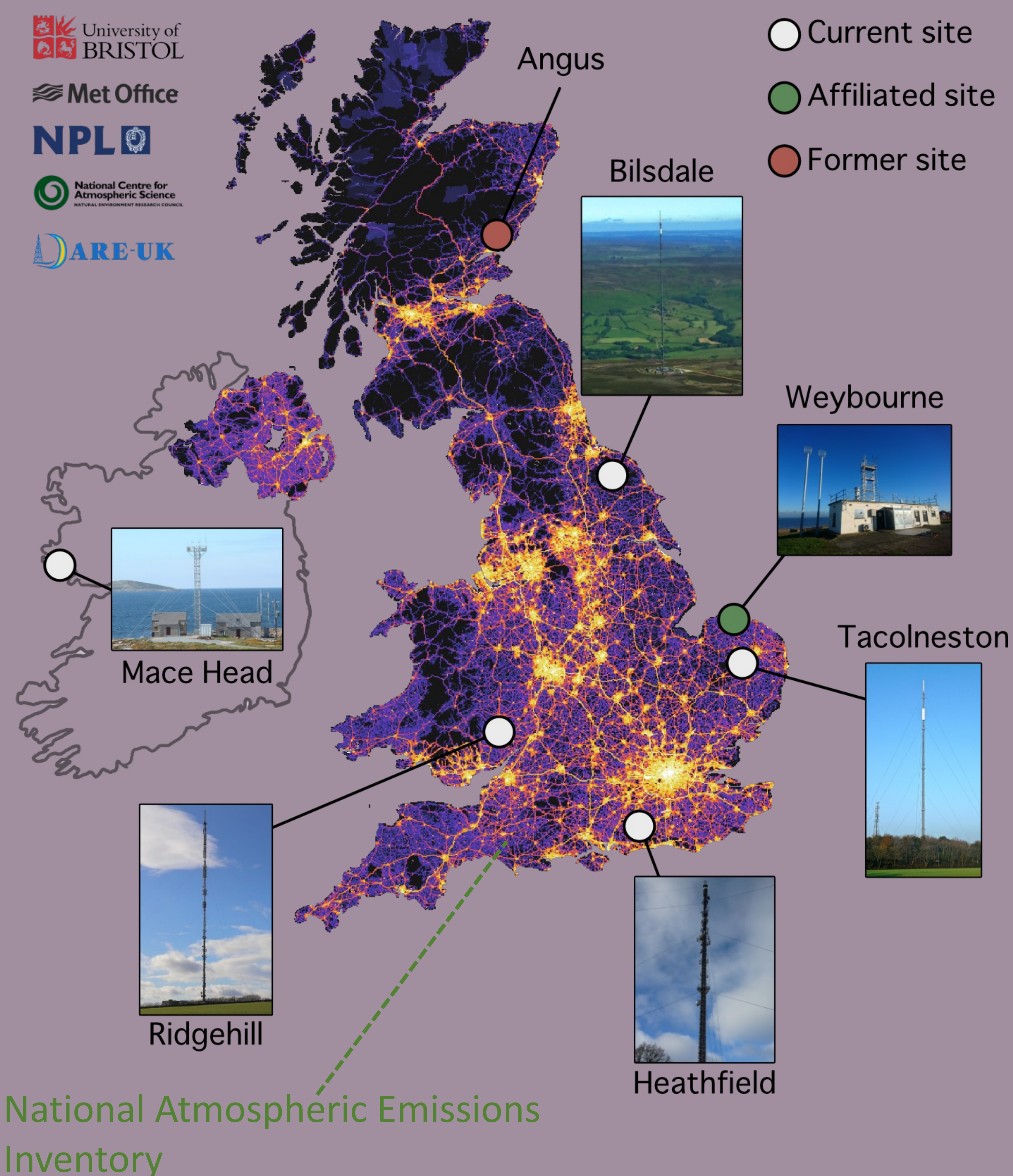


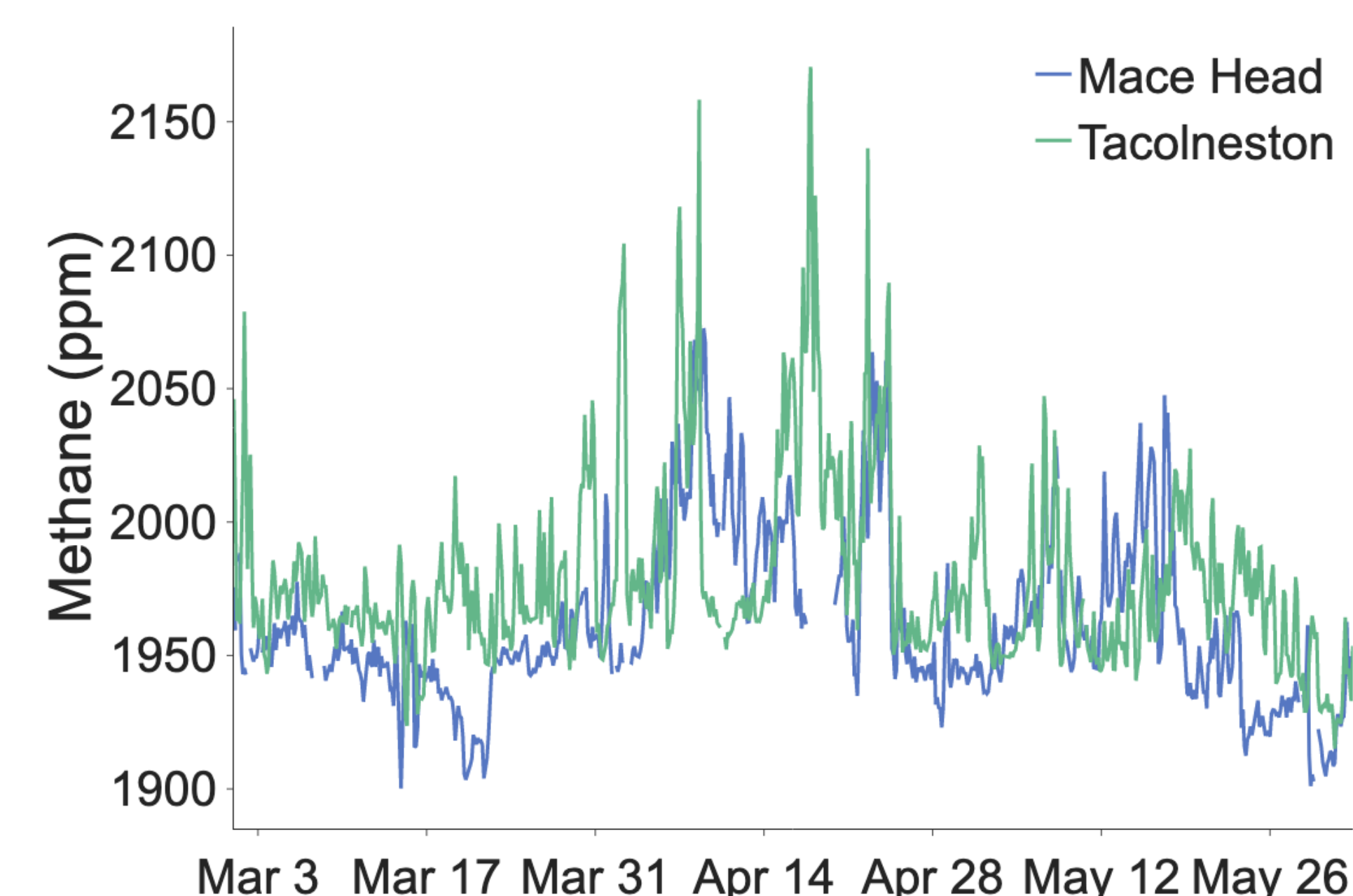
# UK greenhouse gas emissions **evaluated** using atmospheric observations.

## Deriving Emissions linked to Climate Change network

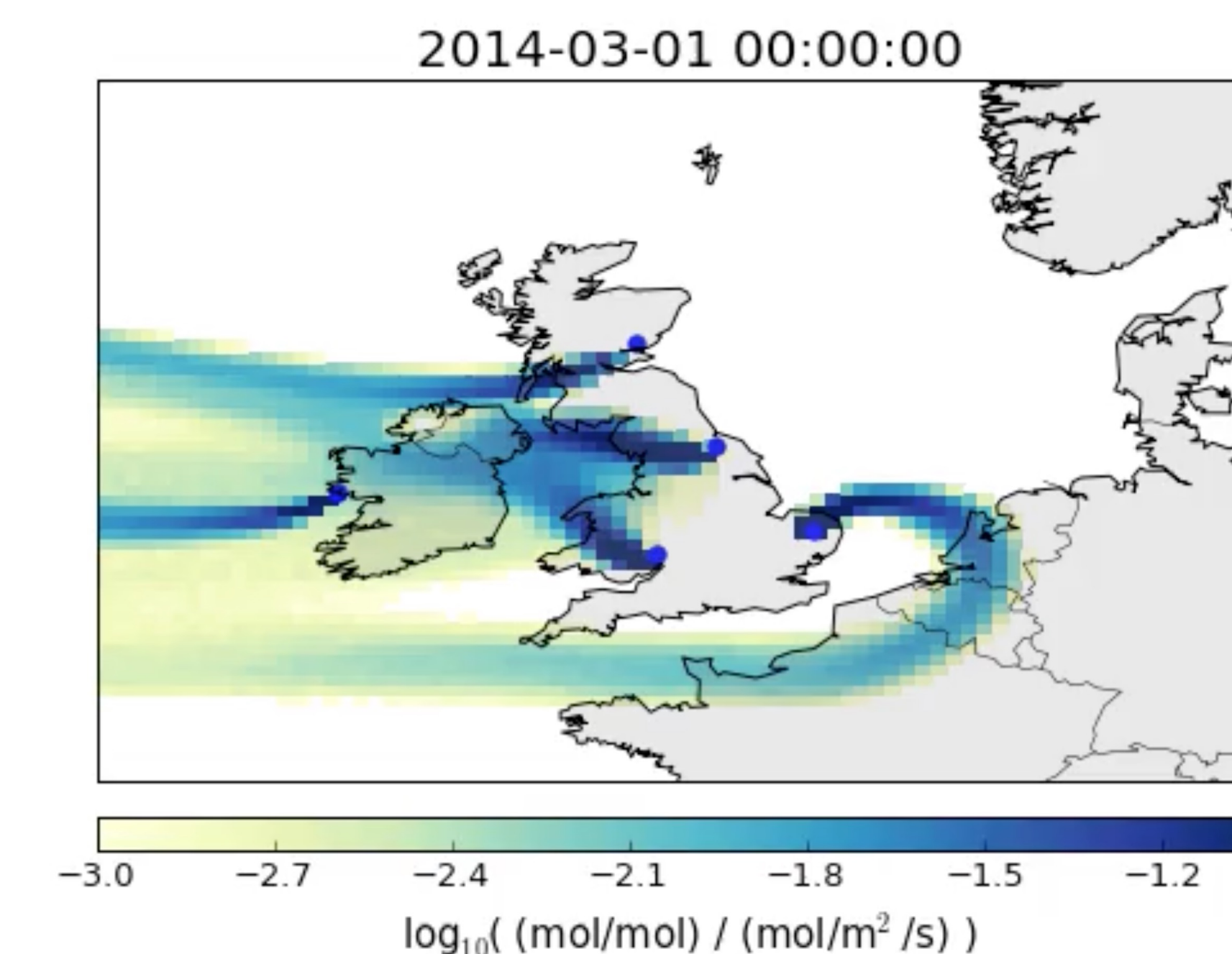


## Method

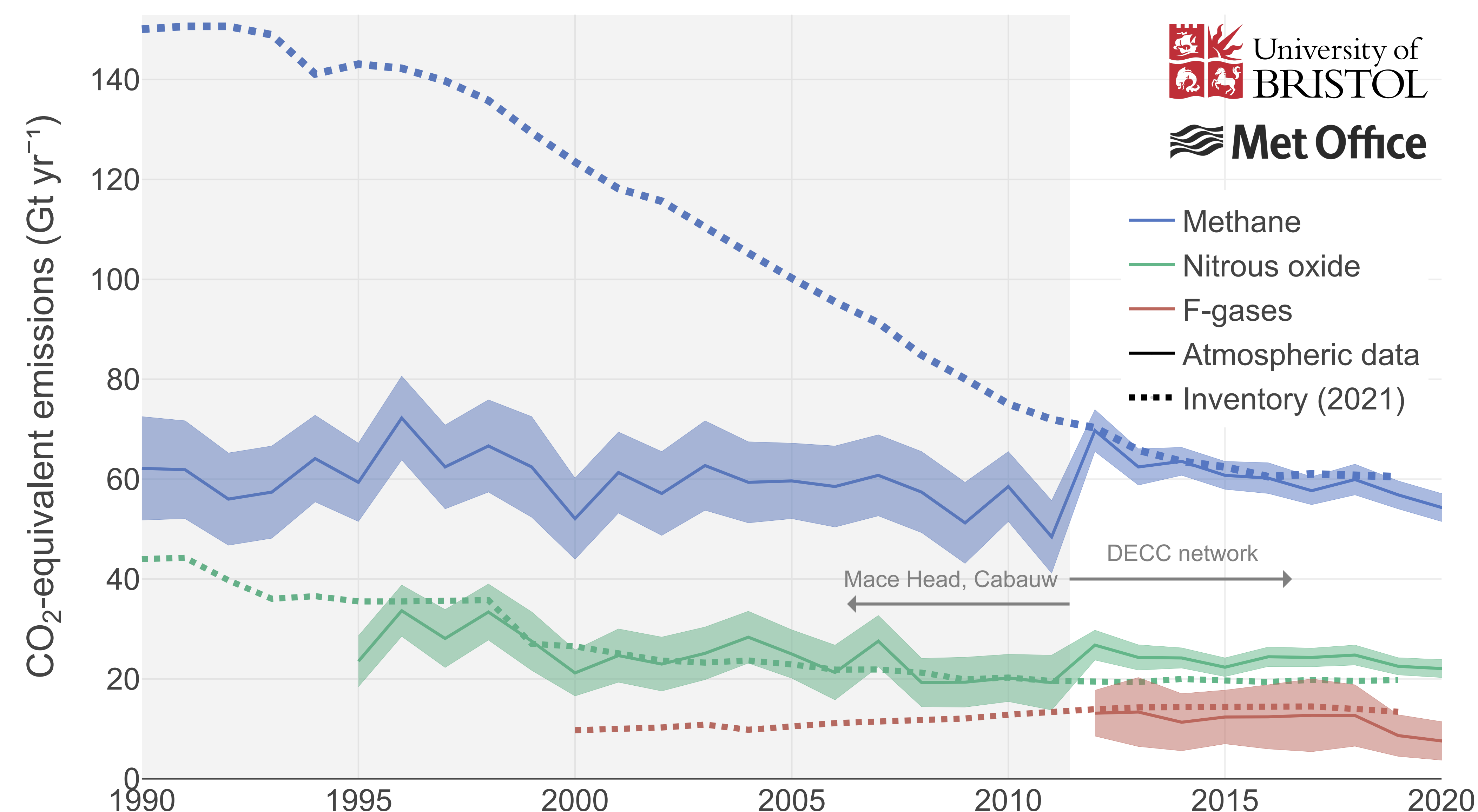
Greenhouse gas measurements are made by the [Deriving Emissions linked to Climate Change \(DECC\)](#) network.



Atmospheric models simulate the [movement of greenhouse gases](#) through the atmosphere.



By combining the measurements and model, emissions are inferred. The UK has pioneered this "top-down" evaluation in its UNFCCC [National Inventory Report](#).



Matt Rigby, Alistair Manning, Aoife Grant, [DECC network](#) and [DARE-UK](#) teams  
For further details and to see live GHG data collected during COP 26 in Glasgow visit [openghg.github.io/dashboard](https://openghg.github.io/dashboard) or contact [matt.rigby@bristol.ac.uk](mailto:matt.rigby@bristol.ac.uk)