

UK Climate Change Project

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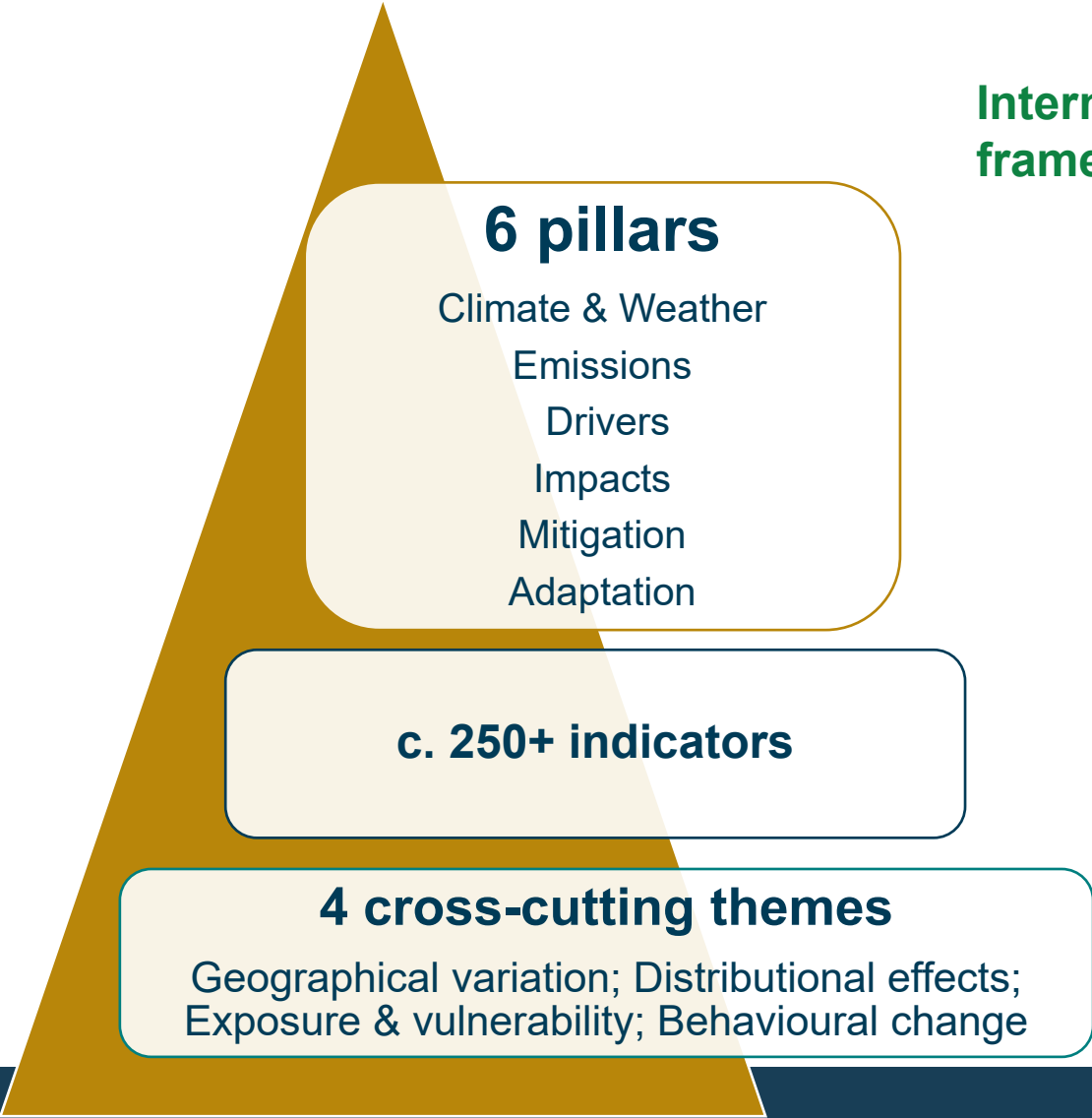
What is the UK Climate Change Project?

- A cross-government collaborative project to increase the **coherence**, **accessibility** and **comparability** of UK climate change-related data, statistics and analysis
- It will improve **access** and **understanding**, identify gaps and offer new insights, including through potential linkage of datasets
- It's vision is to become the UK's **accessible**, **trusted**, **relevant** and **high-quality** climate change statistical and analytical evidence base that is widely used to inform decision-making, monitor progress, and support a coherent UK climate change narrative, in one central place

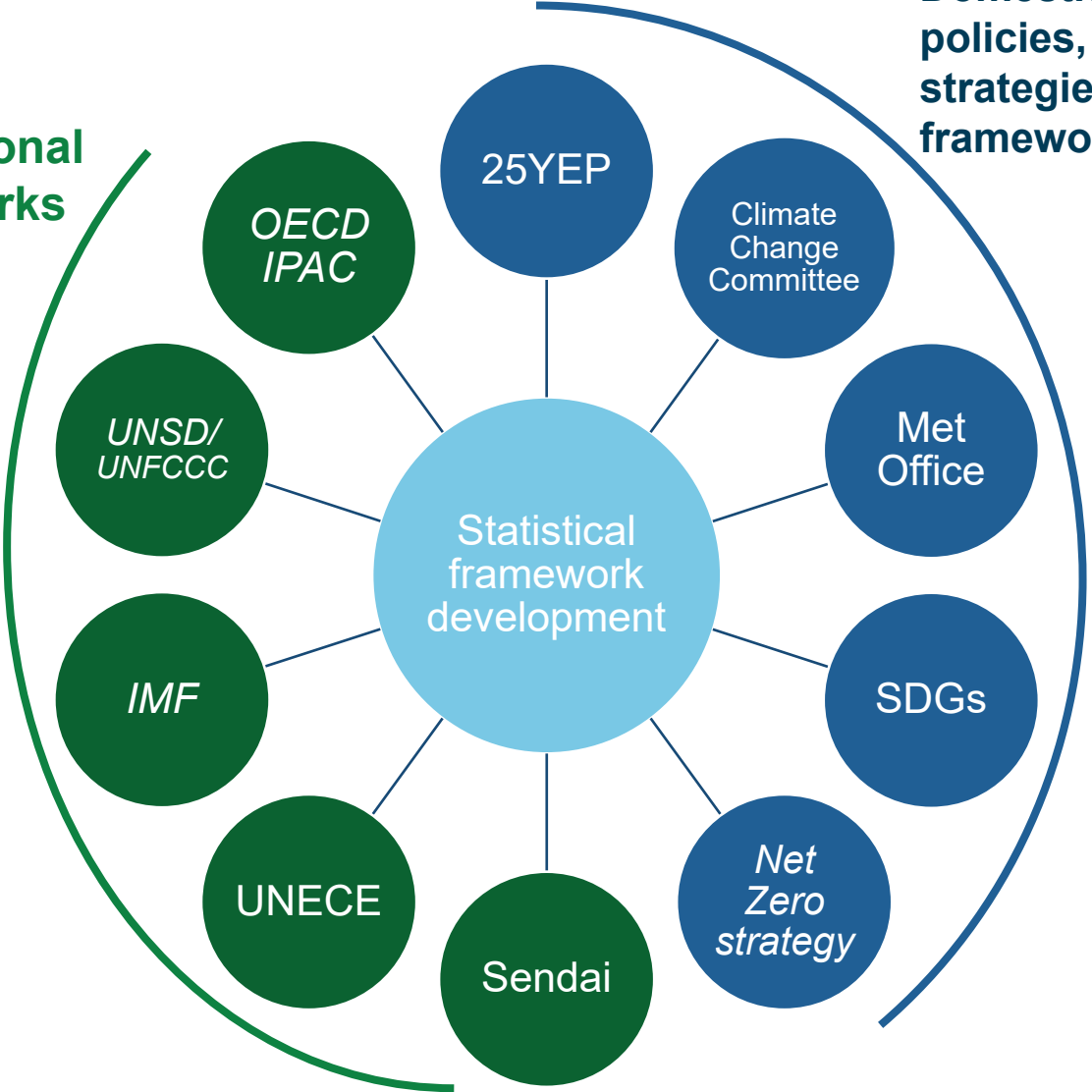
3 components

- ▶ **Statistics** - UK Indicator Framework for Climate Change
- ▶ **Portal** – Prototype Data Portal and Dashboard visualisations
- ▶ **Analysis** – identify data gaps, provide cross-cutting policy evidence and track progress towards combating and minimising impacts of climate change

Statistics workstream



International frameworks



Portal workstream

- Developed with the Integrated Data Service team at ONS

Prototype Data Portal and Dashboard for Climate Change Indicators and Statistics

Data portal/catalogue/explorer

Datasets

Filter list (Find in title / description)

Green ×

Tip: want to find and filter keywords in other fields? Add them using 'Add column' below.

License ▼

Add column

5 datasets found.

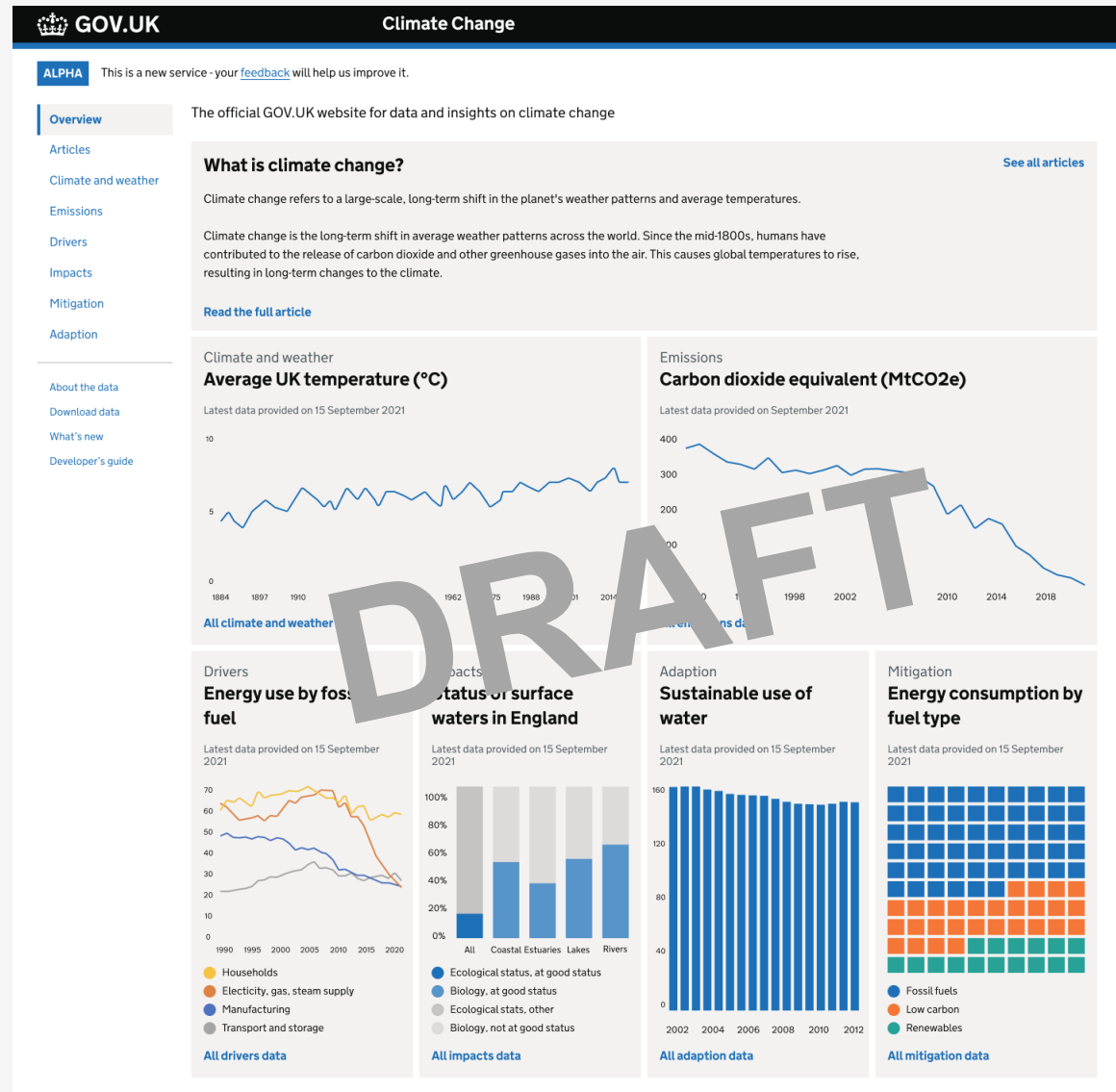
Sort by: Title (A - Z) ▼

Title / Description	Publisher ×	theme ×
2019 UK greenhouse gas emissions: final figures –	Department for Business, Energy & Ind...	http://gss-data.org.uk/def/gdp#climate-change

- Dataset search, filter, slice and dice, and download
- 5* open data format - consistent formatting of data
- Advanced search and navigation functionality
- **Audience/user persona:** government analysts, external specialists and academics

Summary dashboard

- Visualising key indicators for the 6 pillars
- Ability to drill down further
- To be cited on data.gov.uk
- **Audience/user persona:** Government analysts, external specialists and academics, also interested/informed citizens



Statistical narrative dashboards

Climate Change

Last updated on Monday 12 July 2021 at 4:00pm

Dashboard

Climate and weather

Emissions

Drivers

Impacts

Mitigation

Adaption

About the data

Download data

What's new

Developer's guide

Emissions

Estimated territorial greenhouse gas emissions by gas, UK 1990-2019

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Terrestrial gas emissions reduction by type of fuel

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Percentage of gas emissions by sector

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Reduction of emissions by sector

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*This is a mock-up for demonstration purposes

Longer-term

- General public facing website
- High-level narrative drawing on selected indicators from the Data Portal
- Updates on relevant government policies and official statistics
- **Audience/user persona:** wider public, policymaker, media, inquiring citizen, possibly others



UK's experience of undertaking the consultation of the Global Set

- We consulted and coordinated contributions from more than 20 government departments, bodies and agencies and devolved administrations.
- The UK framework has similar 'Areas' or 'Pillars' to the Global Set.
- Approximately **40% of 'statistics' align** with the UK framework completely; approx. **30% are similarly defined** and/or the UK have partial data; and for the **remainder the UK don't currently include**
- The greatest issue we face in the UK is that Environmental policy is a devolved government matter.
- The main aim for creating a UK framework on climate change is to help overcome this problem and create a centralised portal to access the data through an interactive platform and dashboard.



Thank you for your attention