Mapping ODA research and innovation (MODARI)

ODA research and innovation project interactive map – User guide

Updated September 2024

Background

There has been a long-standing need for more joined up information on research and innovation activities funded by UK Official Development Assistance (ODA). UKCDR have worked across UK government funders and their delivery partners to improve the availability and consistency of data on funded projects.

An interactive map can be found on the UKCDR website, which can be used to search active ODA projects by country, region, research theme, funder and partner, and to download the data in Excel format.

This user guide walks through five example ways of using the map:
1) Viewing projects relevant to a specific country/region
2) Viewing projects of a particular theme
3) Viewing projects for a particular funder
4) Viewing projects using a keyword search
5) Exporting project data in Excel

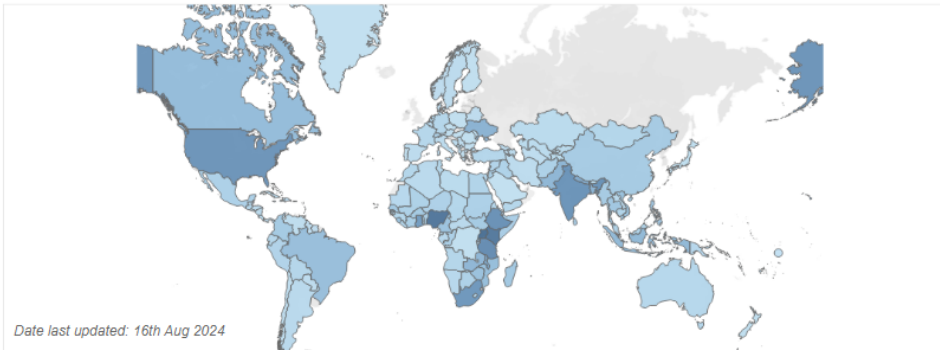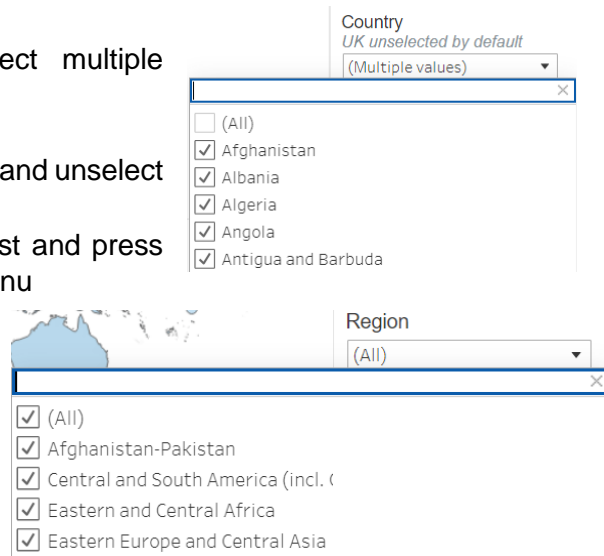# 1) Viewing projects relevant to a specific country or region

Step 1: Select a specific country

The easiest way to select a country is by clicking on it on the map (you can hover over a country on the map and it will give you the name of the country before clicking):

Country: **Kenya**
Number of projects: **264**
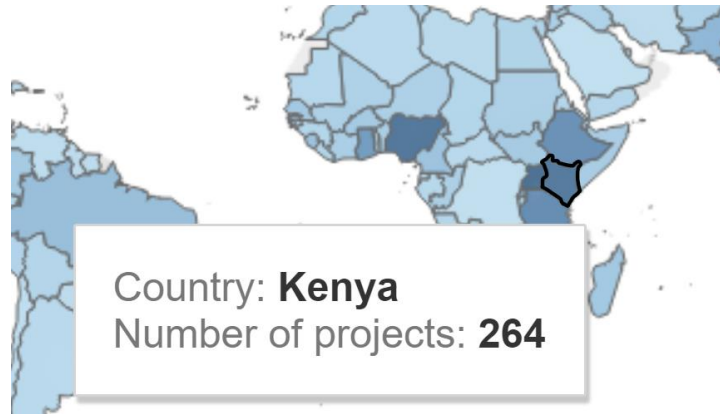
Alternatively, and/or if you want to select multiple countries:

- Click on the *Country* drop-down menu and unselect 'All' by unchecking the tick box;
- Select the country/countries of interest and press Enter on your keyboard to exit the menu
- Alternatively select a region:

Country
UK unselected by default
(Multiple values)
☐ (All)
☑ Afghanistan
☑ Albania
☑ Algeria
☑ Angola
☑ Antigua and Barbuda

Region
(All)
☑ (All)
☑ Afghanistan-Pakistan
☑ Central and South America (incl. (
☑ Eastern and Central Africa
☑ Eastern Europe and Central Asia

Step 2: View the table of projects

- The project table is automatically filtered ready for download:

Project table
Click the filtered Project table then use the Download button in the toolbar to save the filtered data as a .csv file. Click a row to view the underlying data (if available).

Project Title	Funder Pro..	Abstract	Theme	Year of Star..
Acumen- TA..	Strengthen..	Within this ..	Climate	2022
PSYCHOSO..		PSYCHOSO..	Climate	Null
South Afric..	Just Energy..	Project to e..	Climate	2023
UKCEH Nati..		Project cen..	Climate	2022

The table shows one row per project with information on the delivery partner, lead organisation, partner organisation etc. as well as a link to the project page if a row is clicked. (Use the horizontal scroll bar to view all the categories.)

If fields are unpopulated, either the information is not applicable to the project or not available in the underlying data source.

2) Viewing projects across key research themes

Select a research theme by clicking a rectangle on the tree map (if the name does not show, you can hover over a rectangle on the tree map and it will give you the name of the theme before clicking):
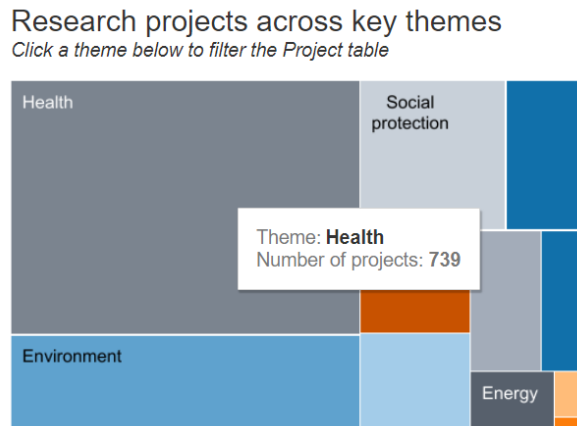
The project table is automatically filtered ready for download. A theme can be de-selected by clicking on the selected theme rectangle again.

3) Viewing projects for a particular funder

- Click on the Fund drop-down menu and unselect 'All' by unchecking the tick box;
- Select the funder of interest and click the drop-down arrow again to exit the drop-down menu:
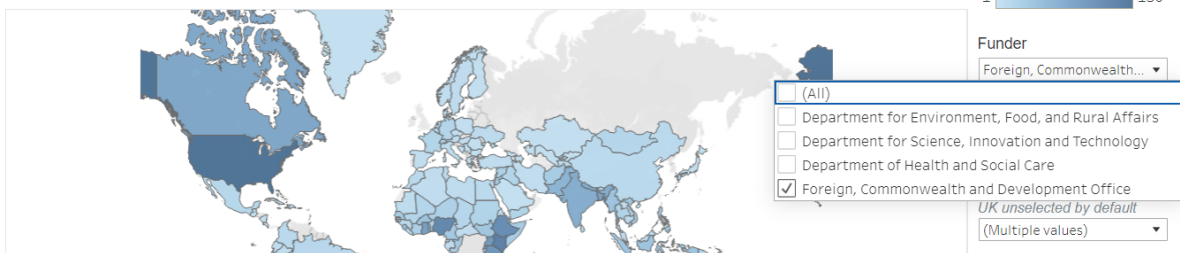
4) Viewing projects using a keyword search

Use the 'Abstract search' bar to filter by keyword/key phrase – this can be used in combination with the research themes

- Type into the box a word or term you are interested in, e.g., "climate change"
- This will show the new number of projects where "climate change" is mentioned in the abstract
  Note: This is not necessarily all climate change-related projects (nor will *all* projects using "climate change" in the abstract be specifically focused on climate change)
- By combining with the research themes you might find, for example, a health project with a climate change component.

5) Exporting project data in Excel

Step 1: Follow any of the above instructions to filter data or simply view <u>all projects</u> in the MODARI dataset by having no filters applied

Step 2: Ensure the Project table is selected by clicking on the project table title

Step 3: Click the 'Download' button in the bottom-right corner of the Tableau visualisation. Select 'Data':

Where known, the funder programme funding the project is included which helps to group funder project information (especially in the case of FCDO) with delivery partner project information.

Step 4: Select the 'Download' button on the right to download the data as a csv file:

This will download summary data in csv (Excel) format. Tableau gives the option to download the "Full Data" as well, which includes the disaggregation of country type (beneficiary, or location of activity). Given this distinction can be made using the Lead Org Country, Partner Org Country, and Recipient (beneficiary) country, for most users, the summary data will be sufficient and simplest to work with. For users downloading either dataset, it is crucial to acknowledge that each project has multiple rows and pivot tables might be necessary to view some findings.

Dashboard notes

The default on the dashboard is that only active projects are shown. However, users can also view closed or cancelled projects by including these in the relevant filter.

Similarly, the country tab has the UK filtered out to show the world map without the UK. To include these projects all on one map, users can filter the UK back in and view all projects in one table using the relevant button.

The data can also be downloaded as an Excel file directly from the UKCDR MODARI webpage. Download the full underlying dataset here.

Data dictionary

Data fields present in 'Summary' export

Data field	Field description
Project Title	Title of the project
Funder Programme Name	Name of the funder programme funding the project
Abstract	Project description
Theme	Key research theme of project
Year of Start Date	Year of the start of the project
Year of End Date	Year of the end of the project
Funder	Funding department

Delivery Partner	Organisation allocating/managing the project. Typically, this will be directly receiving funding from a UK government department
Lead Org Name	Organisation receiving funding for and leading the project.
Lead Org Country	Country the lead organisation is based in
Partner Org Name	Other key direct or indirect recipients of funding with comparable role in activity delivery to lead organisation
Partner Org Country	Country the partner organisation(s) is based in
Recipient Country	Developing country(ies) of focus or benefit of the project – these should be eligible for Official Development Assistance (ODA)
Currency	Currency of the payment amount
Id	Main project ID
Valid URL	Web link to the source data
Country	Combining organisation country and beneficiary country
Sum of Amount	Total value of the project over its lifetime (known or expected)