

# Mapping ODA research and innovation (MODARI)

## ODA research and innovation project interactive map – User guide

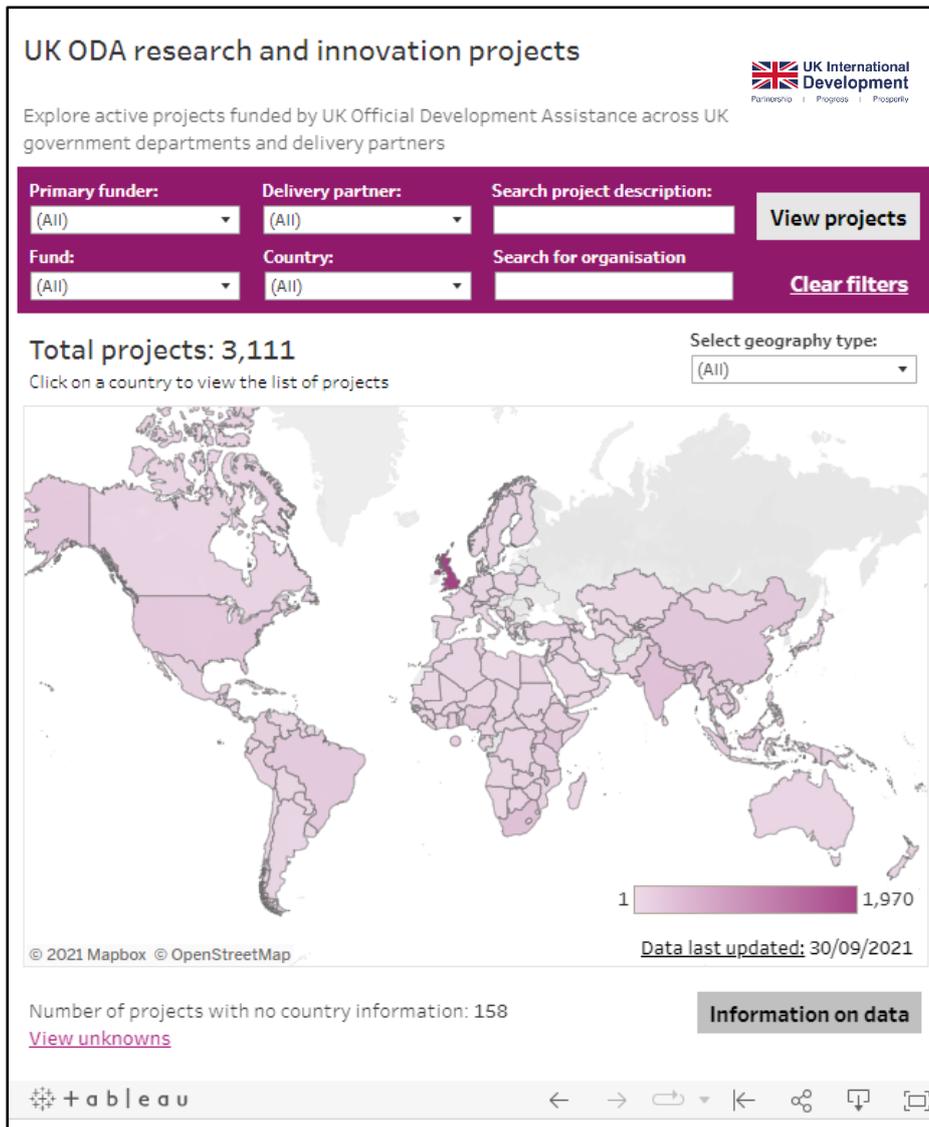
### Background

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, funder and partner, and to download the data in Excel format.

This user guide walks through four example ways of using the map:

- 1) [Viewing projects relevant to a specific country](#)
- 2) [Viewing projects for a particular funder/fund](#)
- 3) [Viewing projects involving a specific organisation](#)
- 4) [Exporting project data in Excel](#)



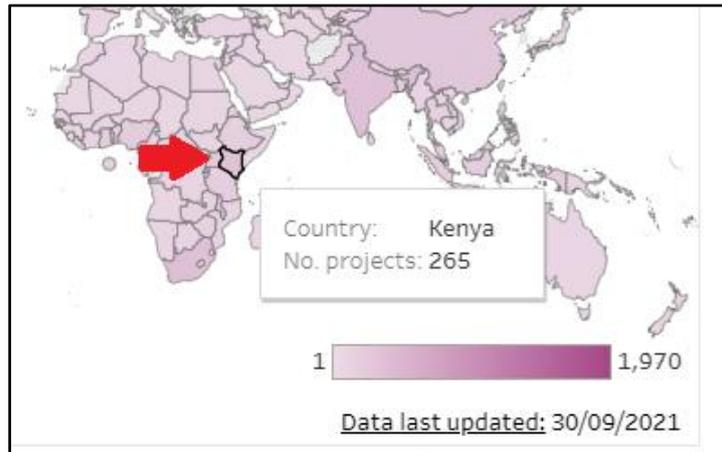
The screenshot shows the 'UK ODA research and innovation projects' interface. At the top, it says 'Explore active projects funded by UK Official Development Assistance across UK government departments and delivery partners'. Below this is a search and filter section with dropdown menus for 'Primary funder:' (All), 'Delivery partner:' (All), 'Fund:' (All), and 'Country:' (All). There are also text input fields for 'Search project description:' and 'Search for organisation', and buttons for 'View projects' and 'Clear filters'. The main section displays 'Total projects: 3,111' and a 'Select geography type:' dropdown set to '(All)'. Below this is a world map where countries are shaded in purple, with a legend indicating a scale from 1 to 1,970 projects. At the bottom, it notes 'Number of projects with no country information: 158' and provides a 'View unknowns' link and an 'Information on data' button. The interface is powered by Tableau.

## 1) Viewing projects relevant to a specific country

### Example: Kenya

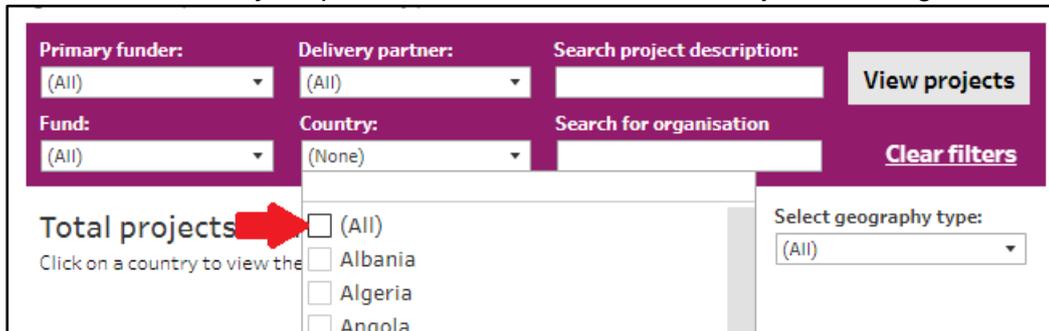
#### Step 1: Select a country

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

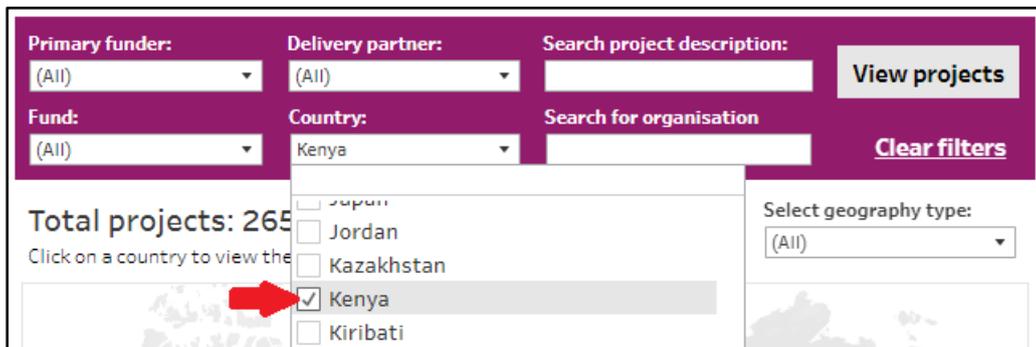


Alternatively, and/or if you want to select multiple countries):

- 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:



- Click the button “View projects”:

The screenshot shows a filter interface with the following elements:

- Primary funder:** (All) dropdown
- Delivery partner:** (All) dropdown
- Search project description:** text input field
- Fund:** (All) dropdown
- Country:** Kenya dropdown
- Search for organisation:** text input field
- View projects:** Button highlighted with a red box
- Clear filters:** Button
- Total projects: 265**
- Select geography type:** (All) dropdown
- Text: Click on a country to view the list of projects

Note: There is an additional location filter – “Select geography type” – that allows you to filter to one of or both of “Beneficiary” and/or “Location of activity”

**Step 2: View the table of projects**

The table shows one row per project with information on the delivery partner and lead organisation. Use the scroll bar on the right-hand side to view the full list:

Back to map

Fund

- Chevening Scholarships
- FCDO Research - Partnerships
- FCDO Research - Programmes
- Global Challenges Research Fund (GCRF)

### ODA R&I projects - Kenya

Delivery partner	Title	Lead organisation	Hover over for more info
Abdul Latif Jameel Poverty Action Lab at M..	Governance, Crime, and Conflict Initiative	Abdul Latif Jameel Poverty Action Lab at MIT	■
	Post-Primary Education Initiative	Abdul Latif Jameel Poverty Action Lab at MIT	■
Academy of Medical Sciences	Clean the Air Better Indoors for Newborns (CABIN): Reducing Exposure t..	Null	■
	Developing a framework for assessing the drivers of antimicrobial resistance	Null	■
	DialA: Decolonising Play through the Digital in Sub-Saharan Africa	Null	■
	Improving food security in Arid and Semi-Arid (ASAL) regions of Northern Ke..	Null	■
	Joint Academies Resilient Futures programme - GCRF Networking Grants (r..	Null	■
	Joint Academies Resilient Futures programme - GCRF Networking Grants (r..	Null	■
	Joint Academies Resilient Futures programme - Springboard Award (round ..	Null	■
Priming elimination of hepatitis C in Sub-Saharan Africa; development of a tr..	Null	■	
Viruses at the human-livestock interface: improved genomic detection and predict..	Null	■	

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

The coloured squares on the right of the table colour-code the projects by fund. Hovering over these with your mouse will display more information on the project – including a description, total value and any known implementing partners:

**Back to map**

**Fund**

- Chevening Scholarships
- FCDO Research - Partnerships
- FCDO Research - Programmes
- Global Challenges Research Fund (GCRF)

### ODA R&I projects - Kenya

Delivery partner	Title	Lead organisation	Hover over for more info
	More Milk: Making the Most of Milk (FCDO-DF)	Bill and Melinda Gates Organization	<span style="display: inline-block; width: 10px; height: 10px; background-color: #4CAF50;"></span>
	Renewal: Delivering Genetic Gain in Wheat (DFID-DF)	Bill and Melinda Gates	<span style="display: inline-block; width: 10px; height: 10px; background-color: #4CAF50;"></span>
Biotechnology and Biological Sciences Research Council (BBSRC)	Building sub-Saharan services	Fund: FCDO Research - Partnerships Funder programme:	
	Enhancing services	Lead Organisation: Bill and Melinda Gates Organization Partner Organisation(s): Cornell University	
	GCRF: O the Horn	Beneficiary Country: Pakistan, Bangladesh, Bhutan, Nepal, Ethiopia, India, Kenya Budget: 24,000,000 USD (2015-01-01 - 2022-12-31)	
	Improving African		
	LegumeSELECT: Science-driven		<span style="display: inline-block; width: 10px; height: 10px; background-color: #FF9800;"></span>

**Note: Clicking on a row in the project table will open a web browser with the public data (if available)**

Most project information has been extracted from a public data source and clicking a record in the project table will open the relevant webpage in a browser. This does not apply to some of BEIS’s GCRF and Newton projects and those managed by the Wellcome Trust.

The source webpage may include:

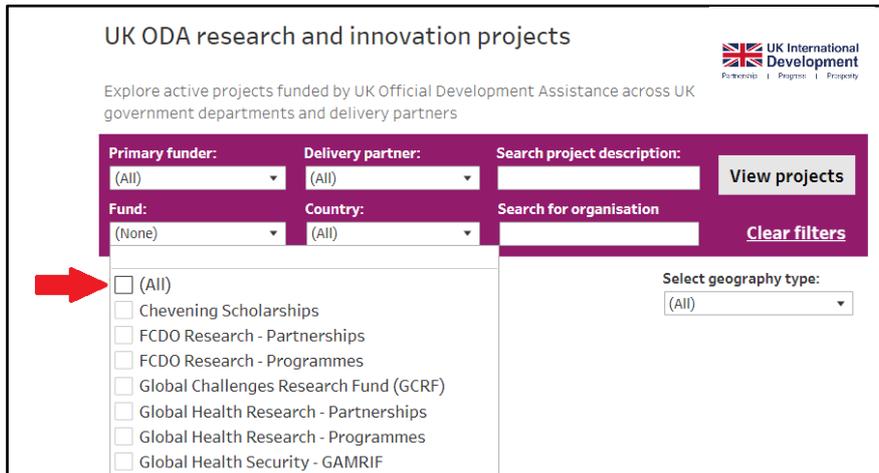
- Contact details for the project
- Information on outputs
- Links to an external website with more project information

## 2) Viewing projects for a particular funder/fund

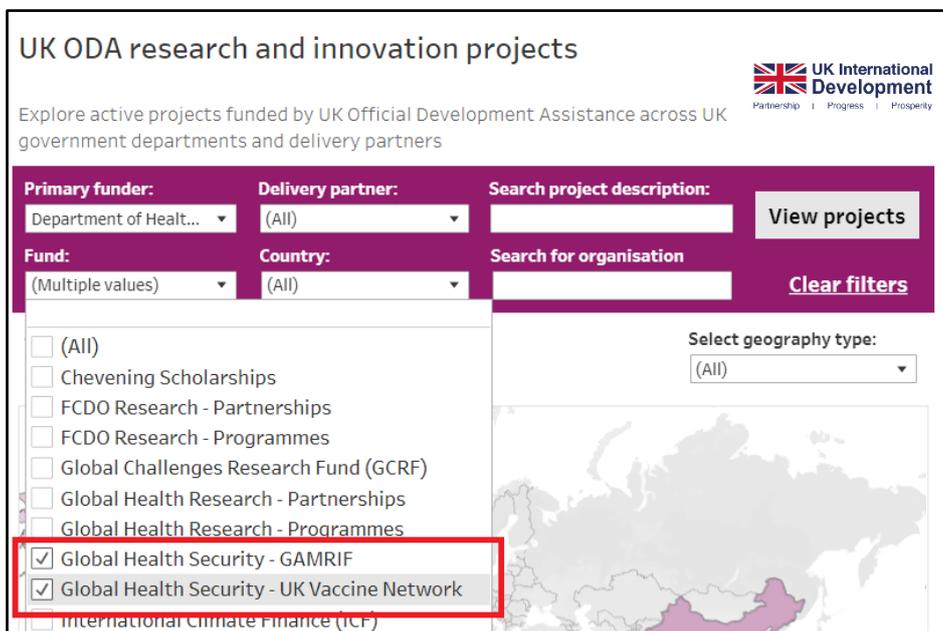
### Example: Department of Health and Social Care – Global Health Security funding

#### Step 1: Filter by fund

- Click on the Fund drop-down menu and unselect “All” by unchecking the tick box:



- Select the funds of interest and press Enter on your keyboard to exit the drop-down menu:



You will see that the *Primary funder* drop-down has been restricted to the Department of Health and Social Care and the only countries highlighted on the map are those with a relevant Global Health Security project.

## Step 2: View the table of projects by clicking “View projects”:

UK ODA research and innovation projects

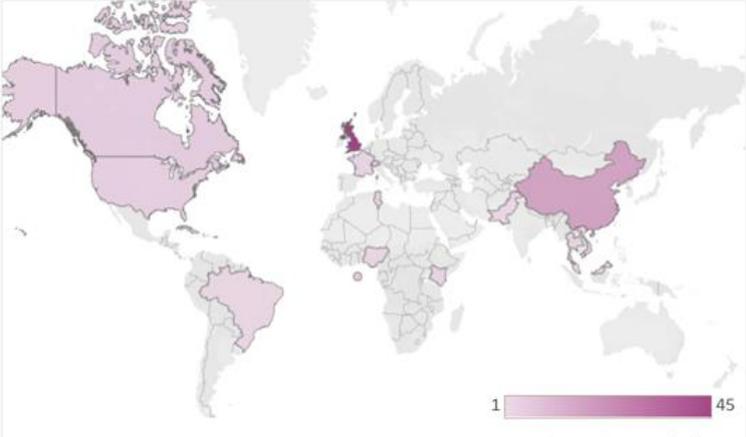
Explore active projects funded by UK Official Development Assistance across UK government departments and delivery partners

 UK International Development  
Partnership | Progress | Prosperity

Primary funder: Department of Healt...  
Delivery partner: (All)  
Search project description:  
Fund: (Multiple values)  
Country: (All)  
Search for organisation  
**View projects**  
Clear filters

Total projects: 62  
Click on a country to view the list of projects

Select geography type: (All)



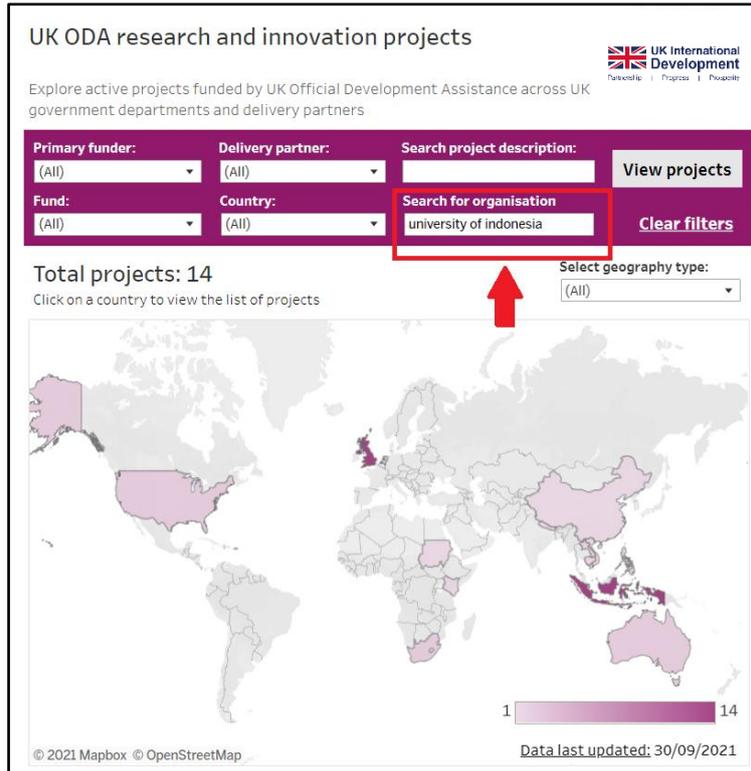
© 2021 Mapbox © OpenStreetMap  
Data last updated: 30/09/2021

### 3) Viewing projects involving a specific organisation

#### Example: University of Indonesia

**Step 1: Type the organisation name into the “Search for organisation” bar and press Enter on your keyboard**

The total project count will update to those involving the relevant institution. Only countries with a relevant project will remain highlighted on the map:



UK ODA research and innovation projects

Explore active projects funded by UK Official Development Assistance across UK government departments and delivery partners

UK International Development  
Partnership | Progress | Possibility

Primary funder: (All) Delivery partner: (All) Search project description: View projects

Fund: (All) Country: (All) Search for organisation: university of indonesia Clear filters

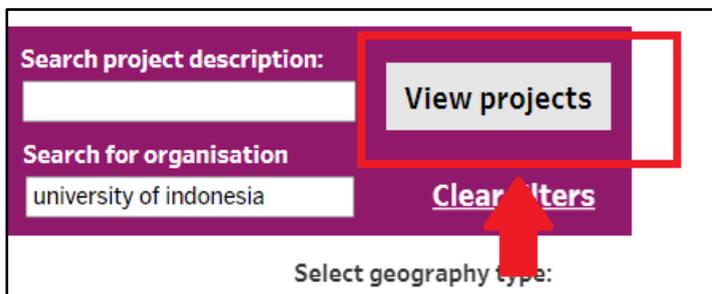
Total projects: 14  
Click on a country to view the list of projects

Select geography type: (All)

© 2021 Mapbox © OpenStreetMap

Data last updated: 30/09/2021

**Step 2: Click the “View projects” button to see the list of projects:**



Search project description: View projects

Search for organisation: university of indonesia Clear filters

Select geography type:

The projects displayed will be those involving the organisation of interest – e.g., the University of Indonesia is listed as a partner in the screenshot below.

Back to map

Fund

- FCDO Research - Partnerships
- Global Challenges Research Fund (GCRF)
- Global Health Research - Partnerships
- Newton Fund

### ODA R&I projects - all countries

Delivery partner	Title	Lead organisation	Hover over for more info
EPSRC	Improving Community Resilience and Sustainability Through Operational R..	University of Kent	■
	RESilient Emergency Preparedness for Natural Disaster Response through O..	Lancaster University	■
MRC	Cathelicidins As Novel Therapeutic Antivirals For Dengue Infection	Edinburgh Napier University	■
	Factors affecting childhood exposures to urban particulates (FACE-UP)	Durham University	■
	GCRF Action against Stunting Hub	London Sch of Hygiene and Trop Medicine	■
	High Dose Oral Rifampicin to Improve Survival from Adult TB Meningitis - (H..	Infectious Diseases Institute Limited	■ ■
	Improving diagnosis of brain infections in Indonesia using novel and establish..	University of Liverpool	■
	Making health financing work for the poor: An evaluation of equity in heal..	London Sch of Hygiene and Trop Medicine	■ ■
	Point of care tests in the diagnosis of chronic and allergic aspergillosis	University of Manchester	■ <span style="color: red; font-size: 2em;">←</span>
<div style="border: 1px solid #ccc; padding: 5px; margin-top: 5px;"> <p><b>Title:</b> Point of care tests in the diagnosis of chronic and allergic aspergillosis 2019-04-01 to 2021-09-30</p> <p><b>Fund:</b> Newton Fund <b>Funder programme:</b></p> <p><b>Lead Organisation:</b> University of Manchester <b>Partner Organisation(s):</b> University of Manchester <span style="border: 2px solid green; padding: 2px;">University of Indonesia</span></p> <p><b>Beneficiary Country:</b> Indonesia <b>Budget:</b> 261,249 GBP (-)</p> </div>			
NERC	Drought and peat Indonesian Borneo		

## 4) Exporting project data in Excel

**Step 1: Click the “Download” button in the bottom-right corner of the Tableau visualisation:**

Back to map

Fund

- FCDO Research - Partnerships
- Global Challenges Research Fund (GCRF)
- Global Health Research - Partnerships
- Newton Fund

### ODA R&I projects - all countries

Delivery partner	Title	Lead organisation	Hover over for more info
EPSRC	Improving Community Resilience and Sustainability Through Operational R..	University of Kent	<span style="width: 15px; height: 10px; background-color: #ff8c00; display: inline-block;"></span>
	RESilient Emergency Preparedness for Natural Disaster Response through O..	Lancaster University	<span style="width: 15px; height: 10px; background-color: #ff8c00; display: inline-block;"></span>
MRC	Cathelicidins As Novel Therapeutic Antivirals For Dengue Infection	Edinburgh Napier University	<span style="width: 15px; height: 10px; background-color: #ffcc00; display: inline-block;"></span>
	Factors affecting childhood exposures to urban particulates (FACE-UP)	Durham University	<span style="width: 15px; height: 10px; background-color: #ff8c00; display: inline-block;"></span>
	GCRF Action against Stunting Hub	London Sch of Hygiene and Trop Medicine	<span style="width: 15px; height: 10px; background-color: #ff8c00; display: inline-block;"></span>
	High Dose Oral Rifampicin to Improve Survival from Adult TB Meningitis - (H..	Infectious Diseases Institute Limited	<span style="width: 15px; height: 10px; background-color: #008080; display: inline-block;"></span> <span style="width: 15px; height: 10px; background-color: #ff0000; display: inline-block;"></span>
	Improving diagnosis of brain infections in Indonesia using novel and establish..	University of Liverpool	<span style="width: 15px; height: 10px; background-color: #ffcc00; display: inline-block;"></span>
	Making health financing work for the poor: An evaluation of equity in healt..	London Sch of Hygiene and Trop Medicine	<span style="width: 15px; height: 10px; background-color: #008080; display: inline-block;"></span> <span style="width: 15px; height: 10px; background-color: #ff8c00; display: inline-block;"></span>
	Point of care tests in the diagnosis of chronic and allergic aspergillosis	University of Manchester	<span style="width: 15px; height: 10px; background-color: #ffcc00; display: inline-block;"></span>
	Reducing Relapse for People with Schizophrenia in Jakarta, Indonesia: D..	University of Manchester	<span style="width: 15px; height: 10px; background-color: #008080; display: inline-block;"></span> <span style="width: 15px; height: 10px; background-color: #ff8c00; display: inline-block;"></span>
	The DOMINO Study: Measuring and mitigating the indirect effects of COV..	London Sch of Hygiene and Trop Medicine	<span style="width: 15px; height: 10px; background-color: #ff8c00; display: inline-block;"></span>
	Two-month Regimens Using Novel Combinations to Augment Treatment ..	University College London	<span style="width: 15px; height: 10px; background-color: #008080; display: inline-block;"></span> <span style="width: 15px; height: 10px; background-color: #ff0000; display: inline-block;"></span>
UK-Indonesian Consortium to Identify Biomarkers Predictive of Dengue Dise..	University of Bristol	<span style="width: 15px; height: 10px; background-color: #ffcc00; display: inline-block;"></span>	
NERC	Drought and peatland fires in Indonesian Borneo: Understanding dr..	University of Exeter	<span style="width: 15px; height: 10px; background-color: #ff8c00; display: inline-block;"></span>



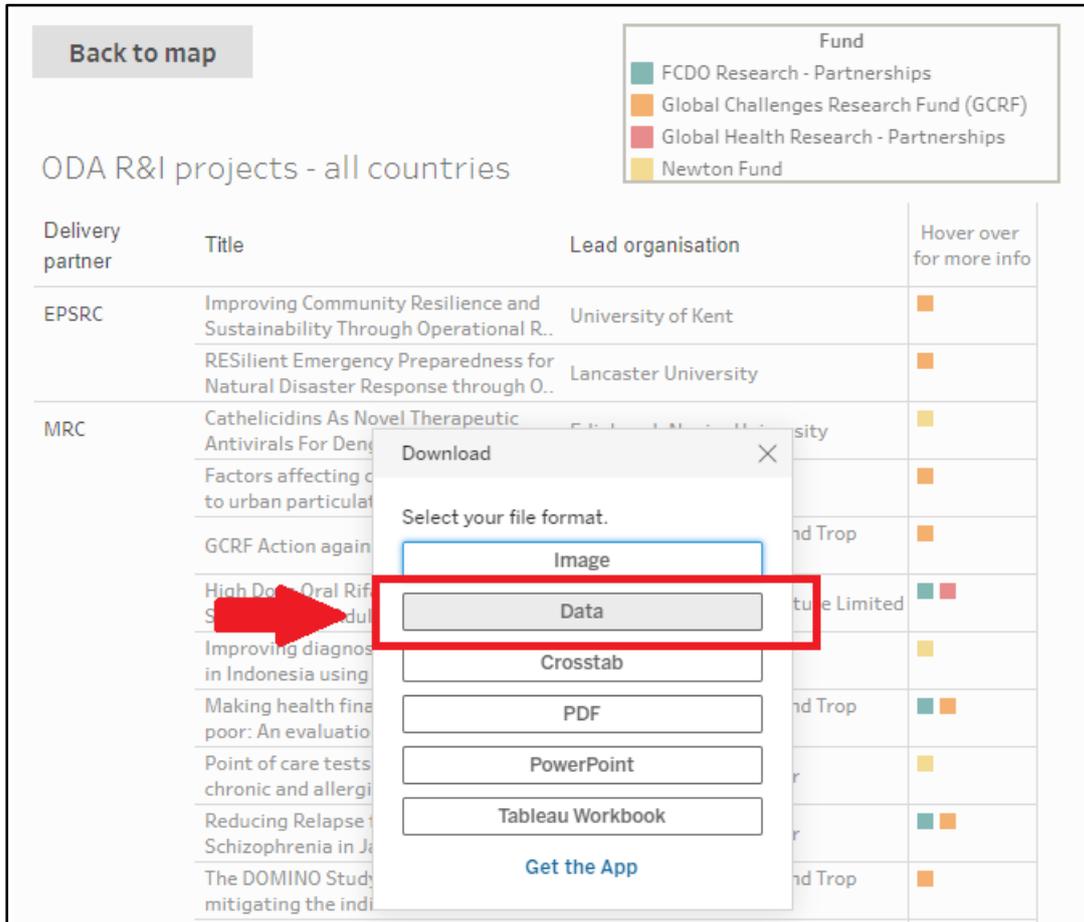


Download

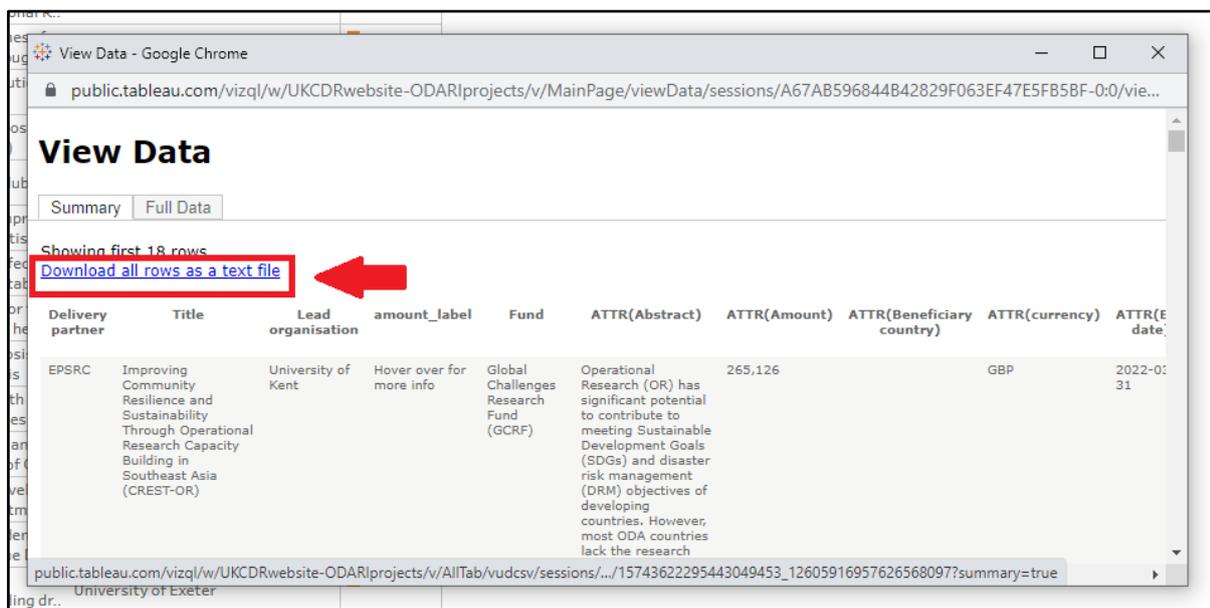
Tableau toolbar: + a b | e a u

### Step 2: Select “Data” from the Download options

If this option is not available (i.e. greyed out), exit the Download menu and click on the table header to ensure the data table is selected. Return to the Download menu to try again:



### Step 3: Expand the “View Data” browser page and click “Download all rows as a text file”:



This will download summary data in csv (Excel) format. Tableau gives the option to download “Summary” or “Full Data”. For most users, the summary data will be sufficient and simplest to work with.

For technical users who want to see the full range of data fields in the underlying dataset, select “Full Data” and click the tick box “Show all columns”.



## Data dictionary

### Data fields present in “Summary” export

Data field	Field description
<b>Title</b>	Project title
<b>Abstract/Description</b>	Project description
<b>Funder</b>	Lead UK government funding department
<b>Fund</b>	The UK ODA research and innovation fund providing funding for the project
<b>Funder programme</b>	Name of the UK government funder’s funding programme
<b>Delivery partner</b>	Organisation allocating/managing the project. Typically, this will be directly receiving funding from a UK government department
<b>Start date</b>	Project start date
<b>End date</b>	Planned project end date
<b>Amount</b>	Total value of the project over its lifetime (known or expected)
<b>Currency</b>	Currency of the project <i>Amount</i>
<b>Period start</b>	Start date of project <i>Amount</i> budget period (applies to data sourced from IATI). This is included to highlight where external partners have not published budgets for every year of their project
<b>Period end</b>	End date of project <i>Amount</i> budget period (applies to data sourced from IATI). This is included to highlight where external partners have not published budgets for every year of their project
<b>Beneficiary country</b>	Developing country(ies) of focus or benefit of the project – these should be eligible for Official Development Assistance (ODA)
<b>Lead organisation</b>	Organisation receiving funding for and leading the project.

<b>Lead organisation country</b>	Country the lead organisation is based in
<b>Partner organisation(s)</b>	Other key direct or indirect recipients of funding with comparable role in activity delivery to lead organisation
<b>Partner organisation country(ies)</b>	Country the partner organisation(s) is based in
<b>Link</b>	Web link to the source data

### **Additional fields present in the “Full” export**

Note – this may include multiple records per project in cases of more than one associated country, funder, etc.

<b>Field</b>	<b>Field description</b>
<b>ID</b>	Unique ID for the project
<b>Country type</b>	“Beneficiary” or “Location of activity” to distinguish between the two geographical angles
<b>Status</b>	Project status – “Active” or “Unknown”. Unknowns are where the end date is not known
<b>IATI ID</b>	IATI activity ID for the overarching UK government funder programme that is funding the project
<b>FCDO programme ID</b>	(FCDO only)
<b>Last updated</b>	Date the source data was last updated (this will differ by funder)
<b>Subject</b>	Thematic sector of project (where known)