



# Need-Funding Gap – Map Visualisation

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# Problem statement

- Numerous actors involved and lots of data available
- Visualisation of need necessary for efficient distribution of Swedish aid
- Current situation: Maps that show either **need** or **funding**
- Requested: A map showing the **gap** between these parameters in a visual way



# Idea

Create an interactive heat map  
that combines data on needs  
and funding and displays it in a  
simple way



# Our vision

Automatic data update



Highlight lack of data

Visualise gaps on **national level** –  
total gap and in different sectors with  
colours as a heat map



Spot mismatches  
between reserved  
funding and needs

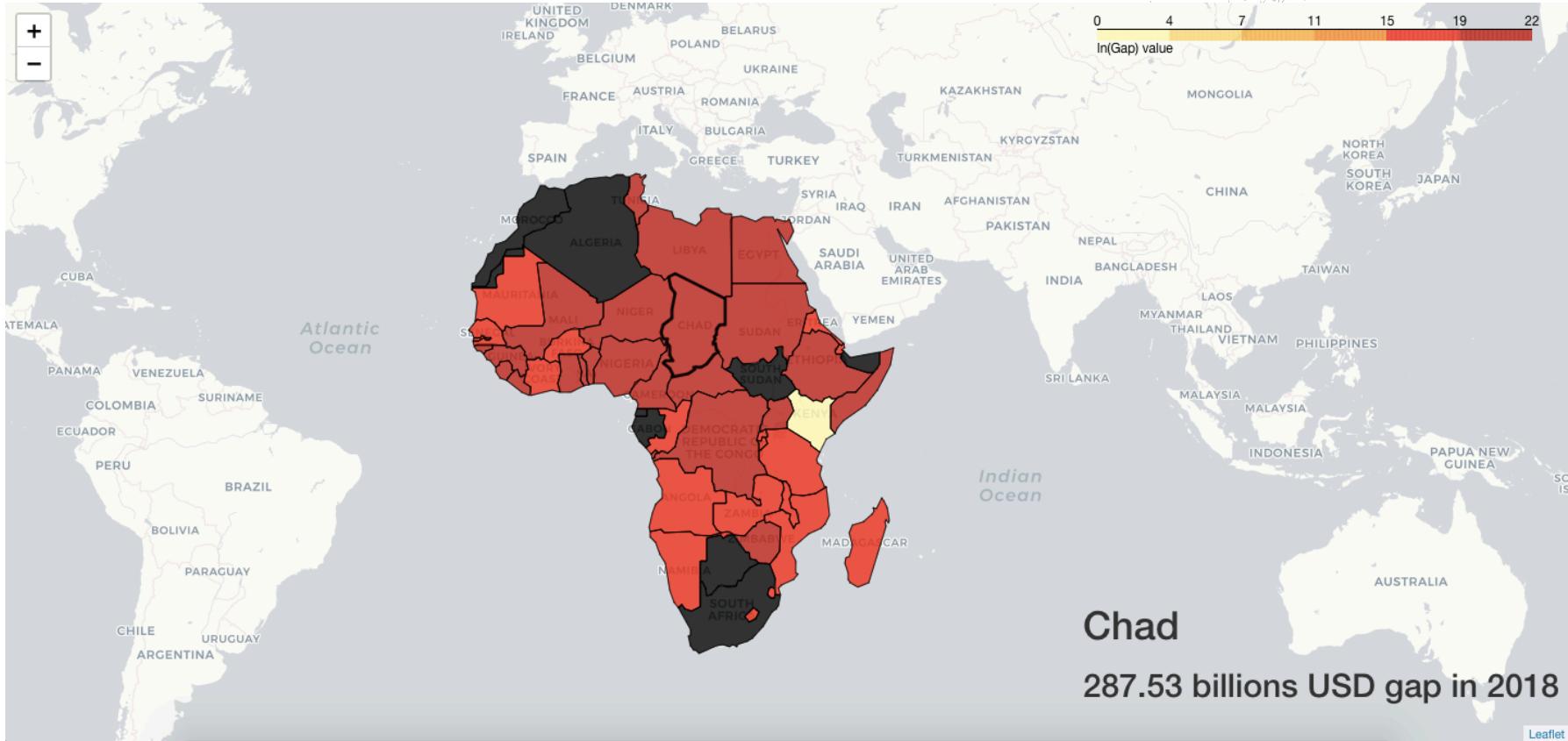
## Detailed level:

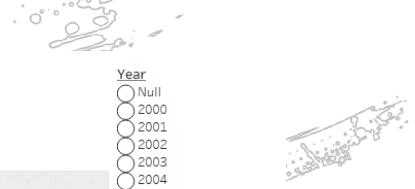
- Gaps for certain areas/projects/crises
- Information on nature of needs
- Information on what type of aid is already delivered

# Technical solution

Data from HDX

A bespoke open-source  
based solution  
or use existing software  
(Tableau or similar)

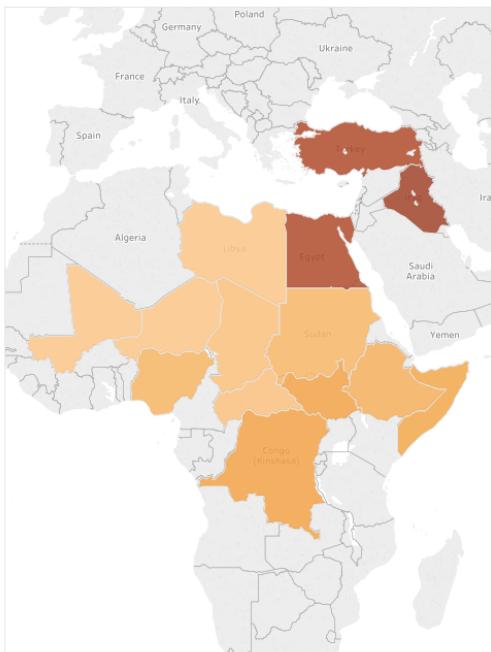




Year: 2018

Cluster: All

### Requirements



Map based on Longitude (generated) and Latitude (generated). Color shows sum of Requirements. Details are shown for Country. The data is filtered on Year, Cluster, Action (Country) and sum of Gap. The Year filter keeps 2018. The Cluster filter keeps 22 of 22 members. The Action (Country) filter keeps 17 members. The sum of Gap filter ranges from 156 714 162 to 12 481 786 177. The view is filtered on Country, which keeps 17 of 17 members.

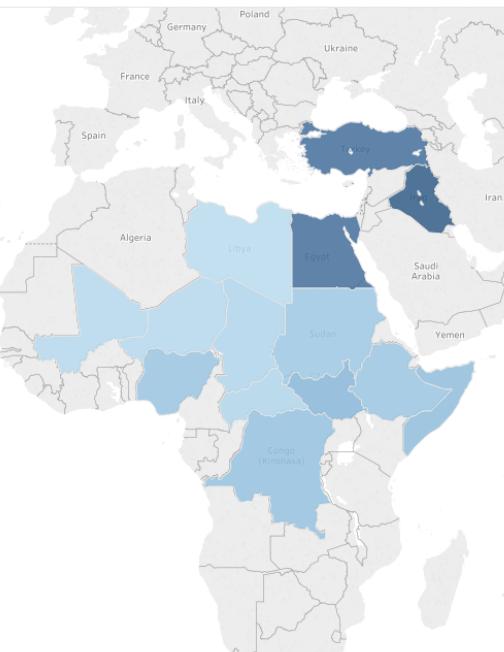
#### Requirements

313M

Year: 2018

Cluster: All

### Funding



Map based on Longitude (generated) and Latitude (generated). Color shows sum of Funding. Details are shown for Country. The data is filtered on Year, Cluster, Action (Country) and sum of Gap. The Year filter keeps 2018. The Cluster filter keeps 22 of 22 members. The Action (Country) filter keeps 17 members. The sum of Gap filter ranges from 156 714 162 to 12 481 786 177. The view is filtered on Country, which keeps 17 of 17 members.

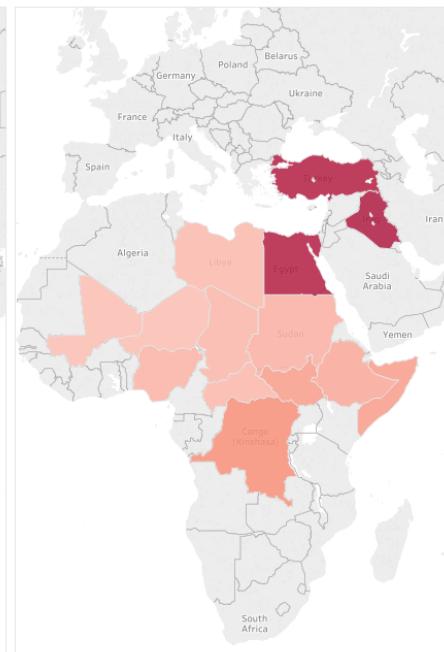
#### Funding

78M

Year: 2018

Cluster: All

### Gap



Map based on Longitude (generated) and Latitude (generated). Color shows sum of Gap. Details are shown for Country. The data is filtered on Year and Cluster. The Year filter keeps 2018. The Cluster filter keeps 22 of 22 members. The view is filtered on sum of Gap and Country. The sum of Gap filter ranges from 157M to 12 482M. The Country filter keeps 17 of 17 members.

#### Gap

157M

### Year

- Null
- 2000
- 2001
- 2002
- 2003
- 2004
- 2005
- 2006
- 2007
- 2008
- 2009
- 2010
- 2011
- 2012
- 2013
- 2014
- 2015
- 2016
- 2017
- 2018

### Gap

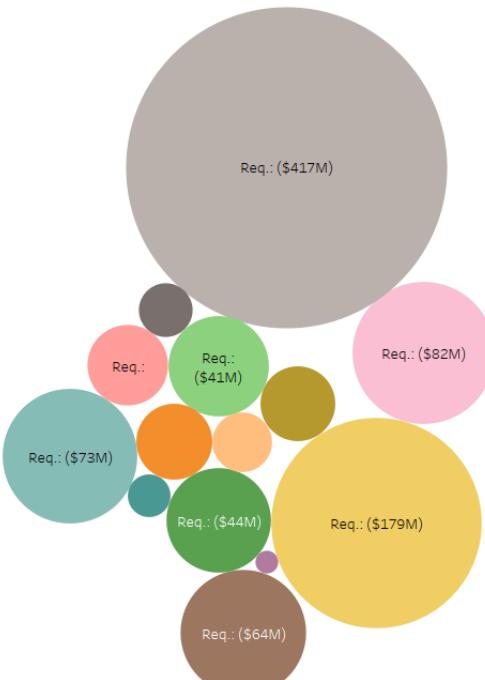
156 714 162 to 12 481 786 177..

### Cluster

- Null
- Agriculture
- Camp Coordination /...
- Child Protection
- Coordination and sup...
- Early Recovery
- Education
- Emergency Shelter an...
- Food Security
- Gender Based Violence
- Health
- Housing, Land and Pro...
- Logistics
- Mine Action
- Multi-sector
- Not specified
- Nutrition
- Other
- Protection
- Shared Funding
- Water Sanitation Hyg...



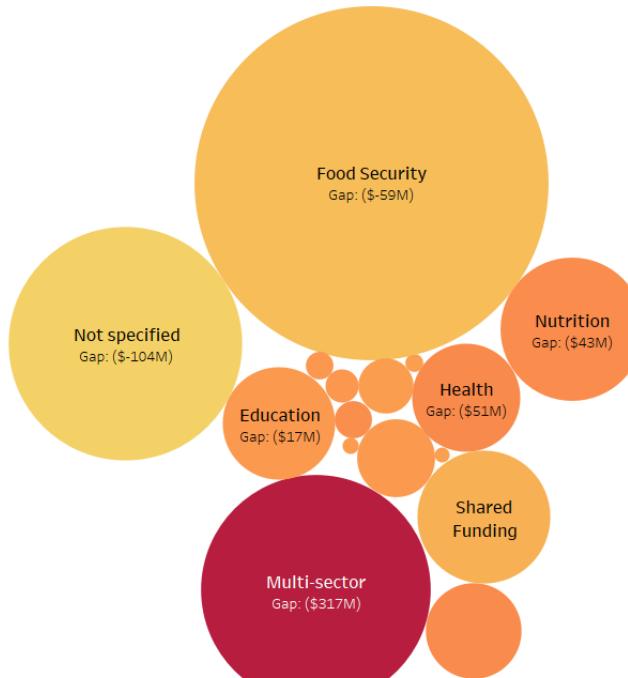
**Year: 2018**  
**Country: Sudan**  
**Color: Cluster**  
**Size: Requirement**



Cluster and sum of Requirements. Color shows details about Cluster. Size shows sum of Requirements. The marks are labeled by Cluster and sum of Requirements. The data is filtered on Year and Country. The Year filter keeps 2018. The Country filter keeps Sudan. The view is filtered on Cluster, which keeps 22 of 22 members.



**Color: Gap**  
**Size: Funding**



Cluster and sum of Gap. Color shows sum of Gap. Size shows sum of Funding. The marks are labeled by Cluster and sum of Gap. The data is filtered on Year and Country. The Year filter keeps 2018. The Country filter keeps Sudan. The view is filtered on Cluster, which keeps 22 of 22 members.



# Thank you!

