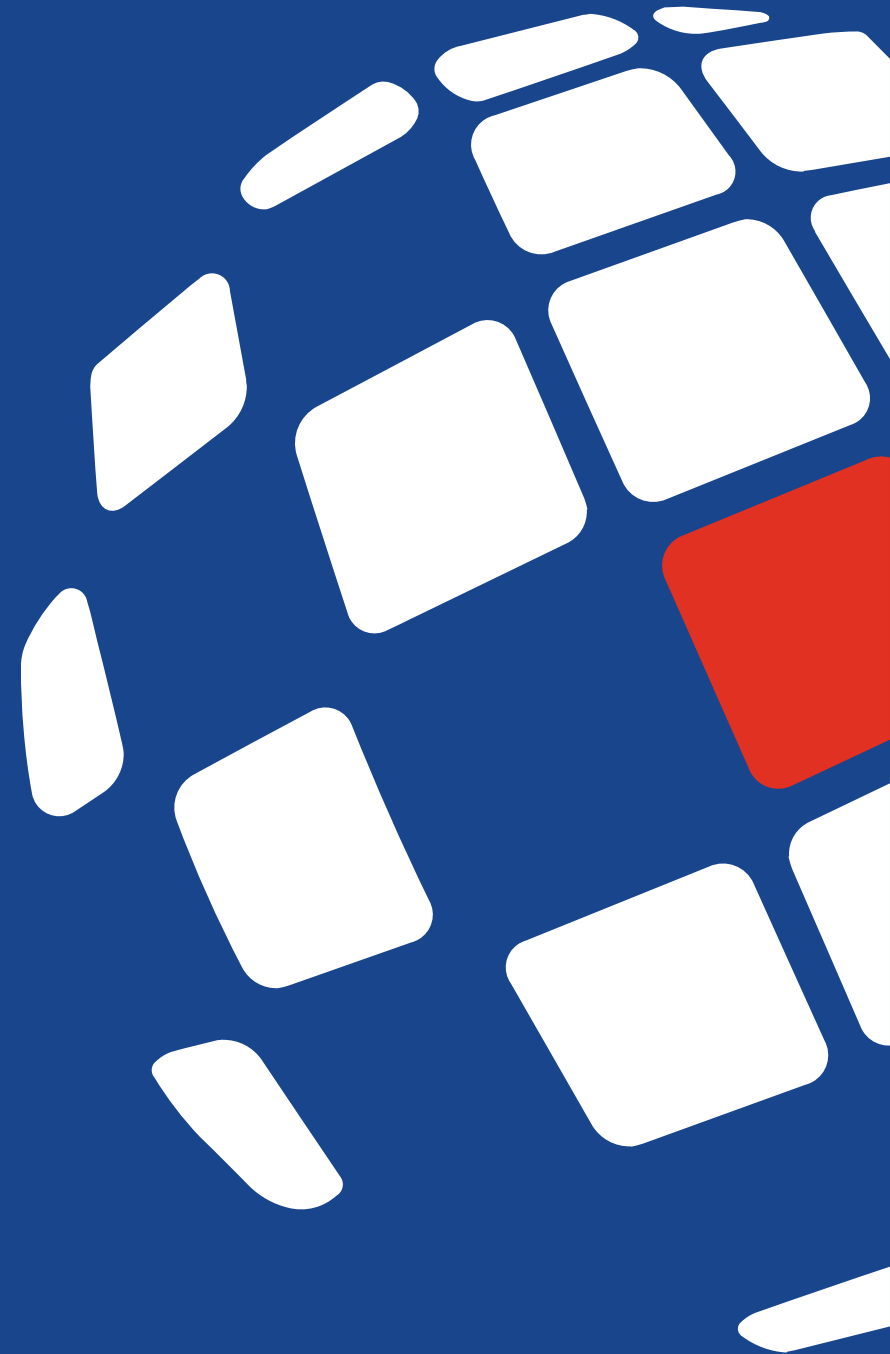


MapAction Geo-Surgery

# Mapping during emergencies for enhanced coordination



# Who is MapAction

- UK based NGO established in 2002
- 80 volunteers and 20 mostly part time staff
- Provides GIS (mapping), data support and information management to the key decision makers for coordination during response
- Training and preparedness programmes

## STRATEGIC OBJECTIVES



Vulnerability reduced



Enhanced decision making



Anticipatory action



Health



Disaster risk reduction

## THEMES



### PROGRAMME DELIVERY



Learning



Response



Community



### INNOVATION HUB



Data lab

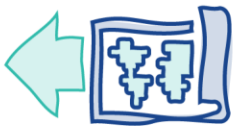


Software lab



Frontiers lab

## HOW



Products



Services



Personnel



Partnerships



25 country programmes



365 global response capacity

# Key partners

- CSO networks

  - ADRRN

- Regional

  - The AHA centre, CESDRR and CDEMA

- Global

  - UNOCHA, Unicef, Oxfam, The Start Network

Stand up if you have ever used a map

Stay standing if you use a map at work

Stay standing if you MAKE maps



**Tip 1:** Always think about the where



# GIS and IM themes



## DATA

- Discovery
- Analysis
- Structure/ Systems



## MAPPING

- Base mapping
- Analysis



## ASSESSMENT

- Kobo
- Visualisation



## REPORTING AND ADVOCACY

- 345W
- Rosters

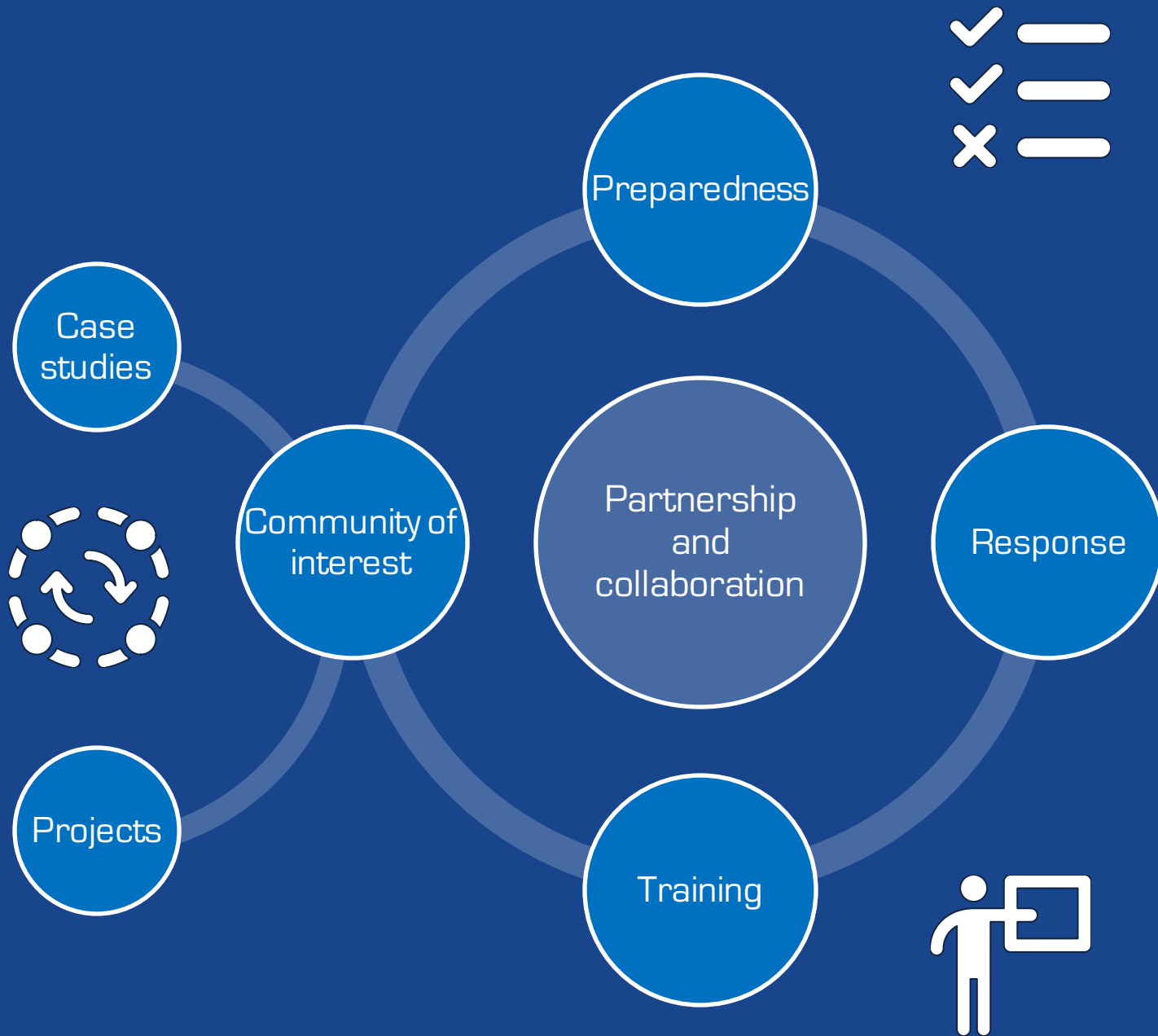


## GIS/ IM GOVERNANCE



## RESPONSE

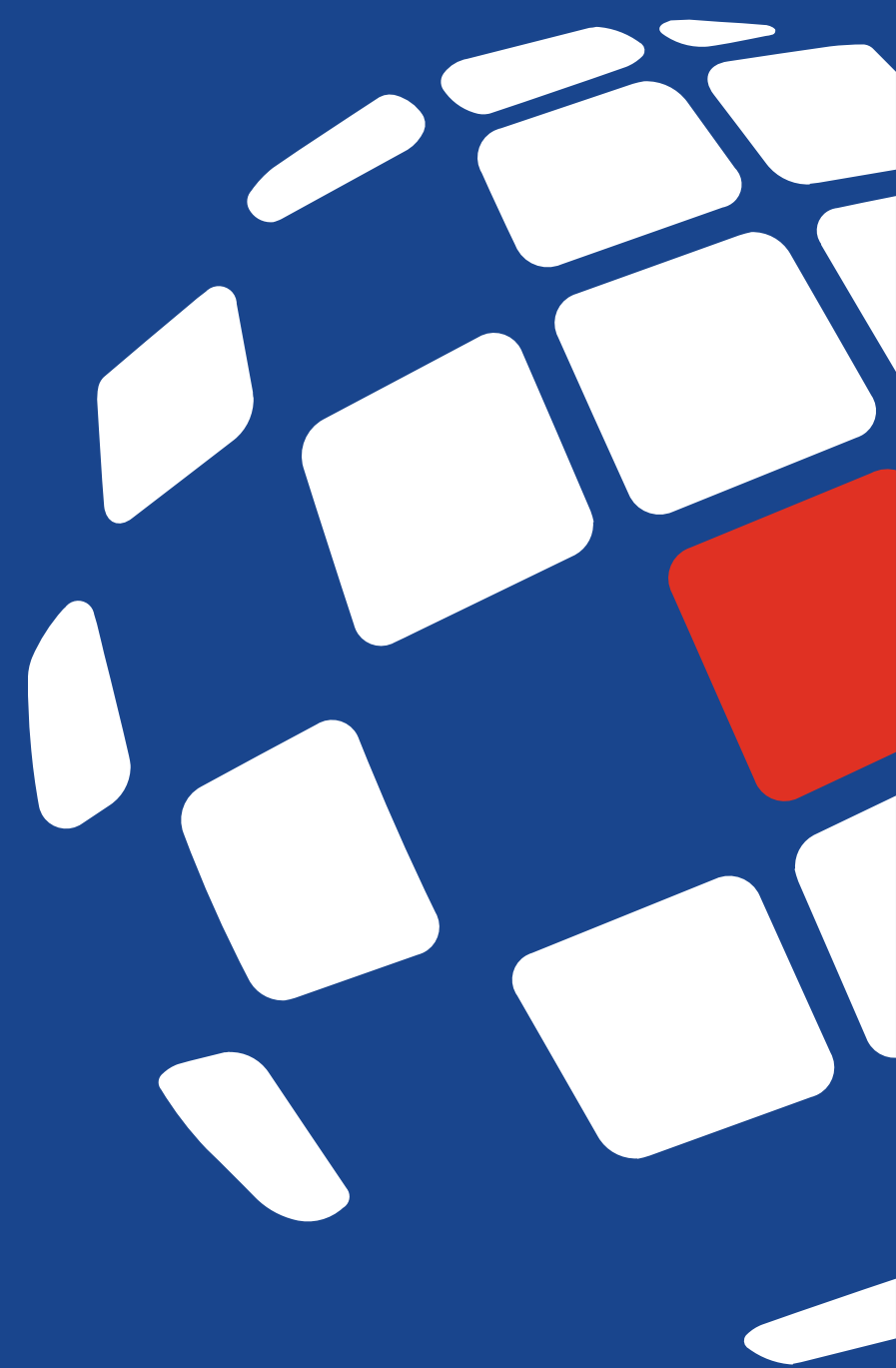
# Through



**Tip 2:** CODs and Pcodes make data more interoperable

MapAction Geo-Surgery

# DISCUSSION



# In the next 20 mins, discuss:

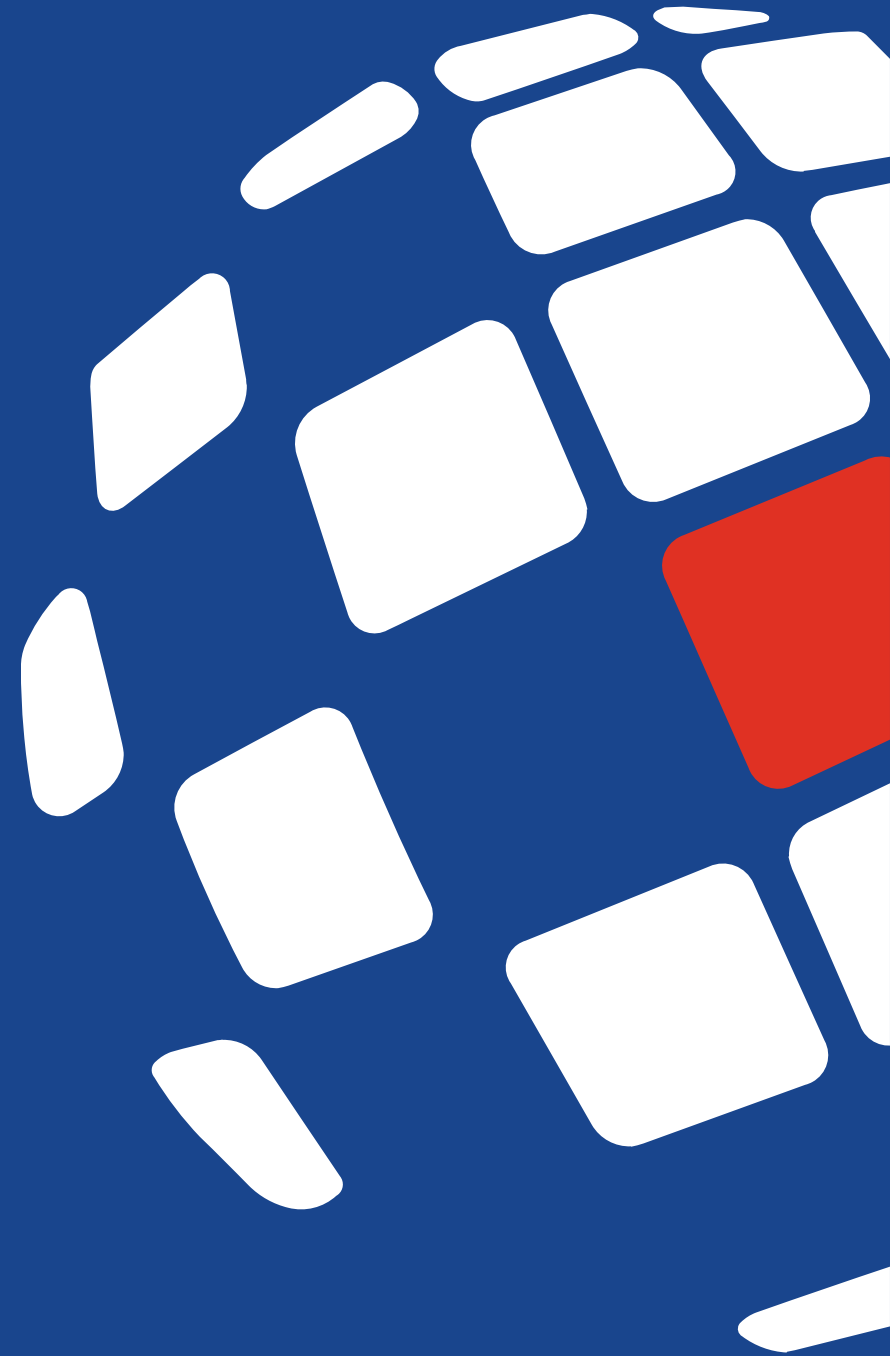
- What mapping and data challenges do you have?
- What were your solutions?
- How do you share or spillover those solutions to others

At the end of 20 mins come back with biggest challenge and your solution

**Tip 3: Map the gaps**  
Highlight what you don't know

MapAction Geo-Surgery

# 345W CASE STUDY



# Sri Lanka

## ▼ Organisational details

Please complete the details about you and your organisation

### Name of organisation

### Address - Head office

### Address - Field office

### Type of organisation

- Private individual
- Gty. Company
- Society
- National NGO
- Regional NGO
- CBO
- Other

 hide fields

1 - 8 8 results	end	abc Organisational details / Name ...	abc Organisational details / Addre...	Organisational details / Type o...
<input type="checkbox"/>	Search	Search	Search	Show All
<input type="checkbox"/>	Feb 2, 2022 1...	Olimayam Disa... <a href="#">▶</a>	Mahmood Alim ... <a href="#">▶</a>	Society
<input type="checkbox"/>	Feb 2, 2022 1...	Knowledge Ce... <a href="#">▶</a>	Avissawela Ro... <a href="#">▶</a>	Society
<input type="checkbox"/>	Feb 2, 2022 1...	Al Islah Associ... <a href="#">▶</a>	MPCS Road, O... <a href="#">▶</a>	Regional NGO
<input type="checkbox"/>	Feb 2, 2022 1...	Student Move... <a href="#">▶</a>	Thihariya <a href="#">▶</a>	Society
<input type="checkbox"/>	Feb 1, 2022 1...	Social for Soci... <a href="#">▶</a>	02A, Hill Castle... <a href="#">▶</a>	CBO
<input type="checkbox"/>	Jan 31, 2022 ...	ASSPEK ACA... <a href="#">▶</a>	639-A ,sehu ibr... <a href="#">▶</a>	Private individual
<input type="checkbox"/>	Jan 31, 2022 ...	Olimayam <a href="#">▶</a>	Hairath Road V... <a href="#">▶</a>	Society
<input type="checkbox"/>	Jan 8, 2022 1...	MFCD Sri Lanka <a href="#">▶</a>	69/3, Sri Mahin... <a href="#">▶</a>	National NGO





# The Philippines: CSO Activities

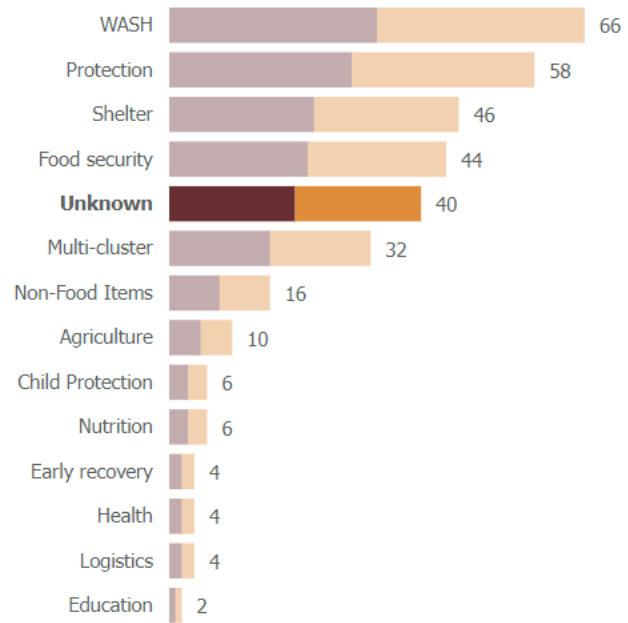
There are **36** organisations working with **17** partners on **80** activities.

### Filter by cluster

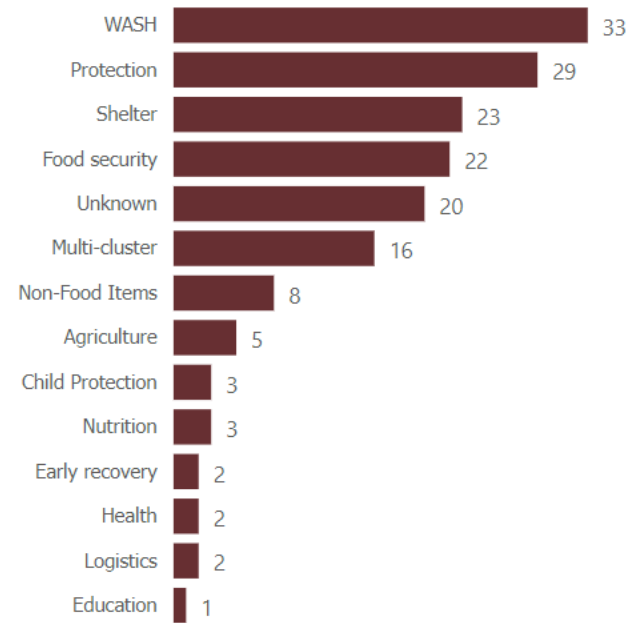
Cluster

Region, Province, Municipality

Number of organisations and partners per cluster



Number of activities per cluster

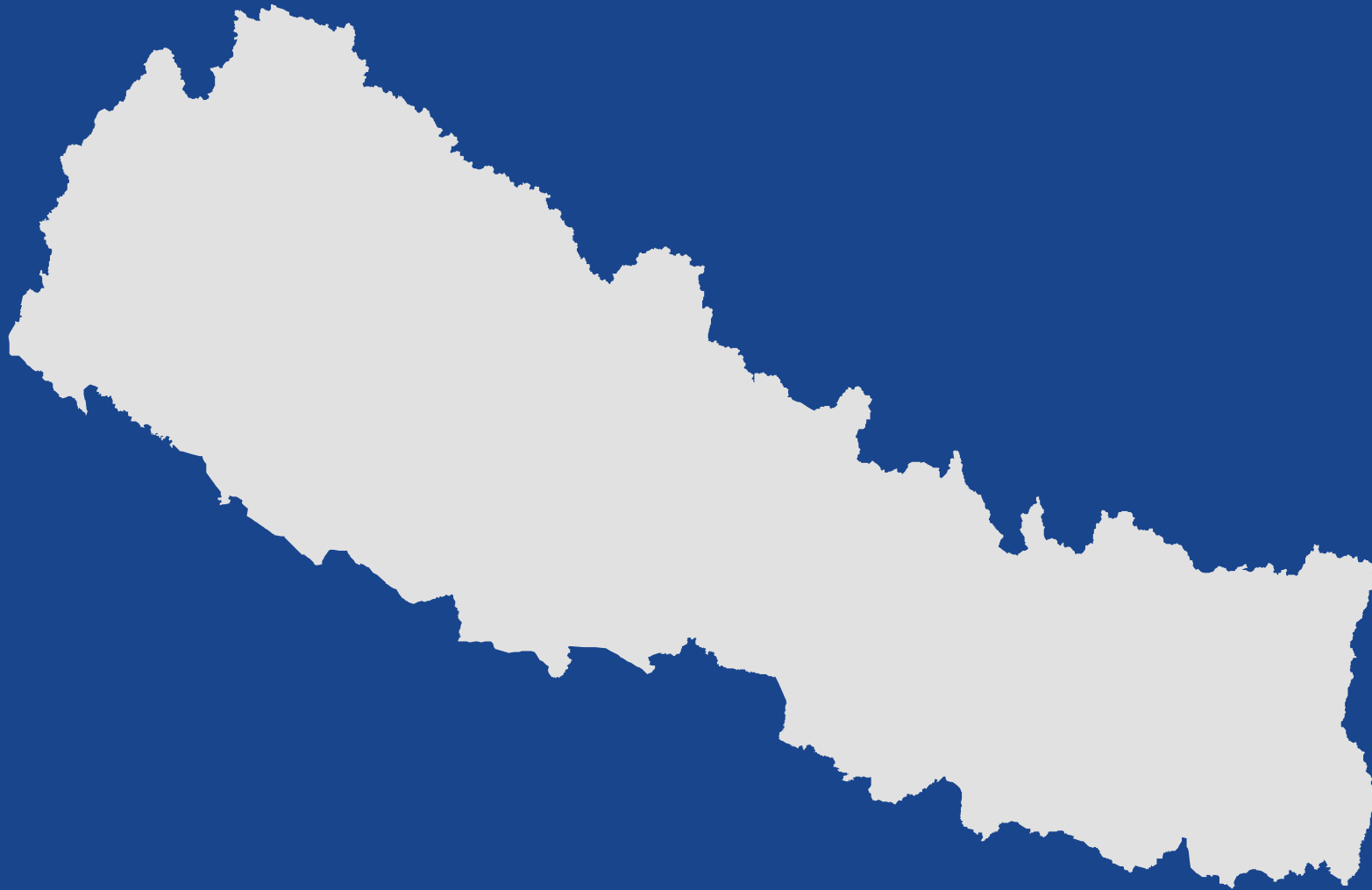


Number of activities per Municipality



Organisation	Agriculture	Child Protection	Early recovery	Education	Food security	Health	Logistics	Multi-cluster	Non-Food Items	Nutrition	Protection	Shelter	Unknown	WASH	Total
ACC														2	2
ADRA								1							1
AWOI					1									1	1
BDEV													1		1
CARE								1							1
CDPF											10	10		10	10
CDRC					3				3				4		4
CFSI								1							1
CHR											1				1
COSE					1				1				1		1
CRS												1	1	1	2
CRS-USCCB											1	1		1	1
ECOWEB			2		2						2	2		2	2
FAO	1	3			1	2	2	11		3					1
<b>Total</b>	<b>5</b>	<b>3</b>	<b>2</b>	<b>1</b>	<b>16</b>	<b>2</b>	<b>2</b>	<b>11</b>	<b>6</b>	<b>3</b>	<b>21</b>	<b>20</b>	<b>17</b>	<b>21</b>	<b>80</b>

# Nepal

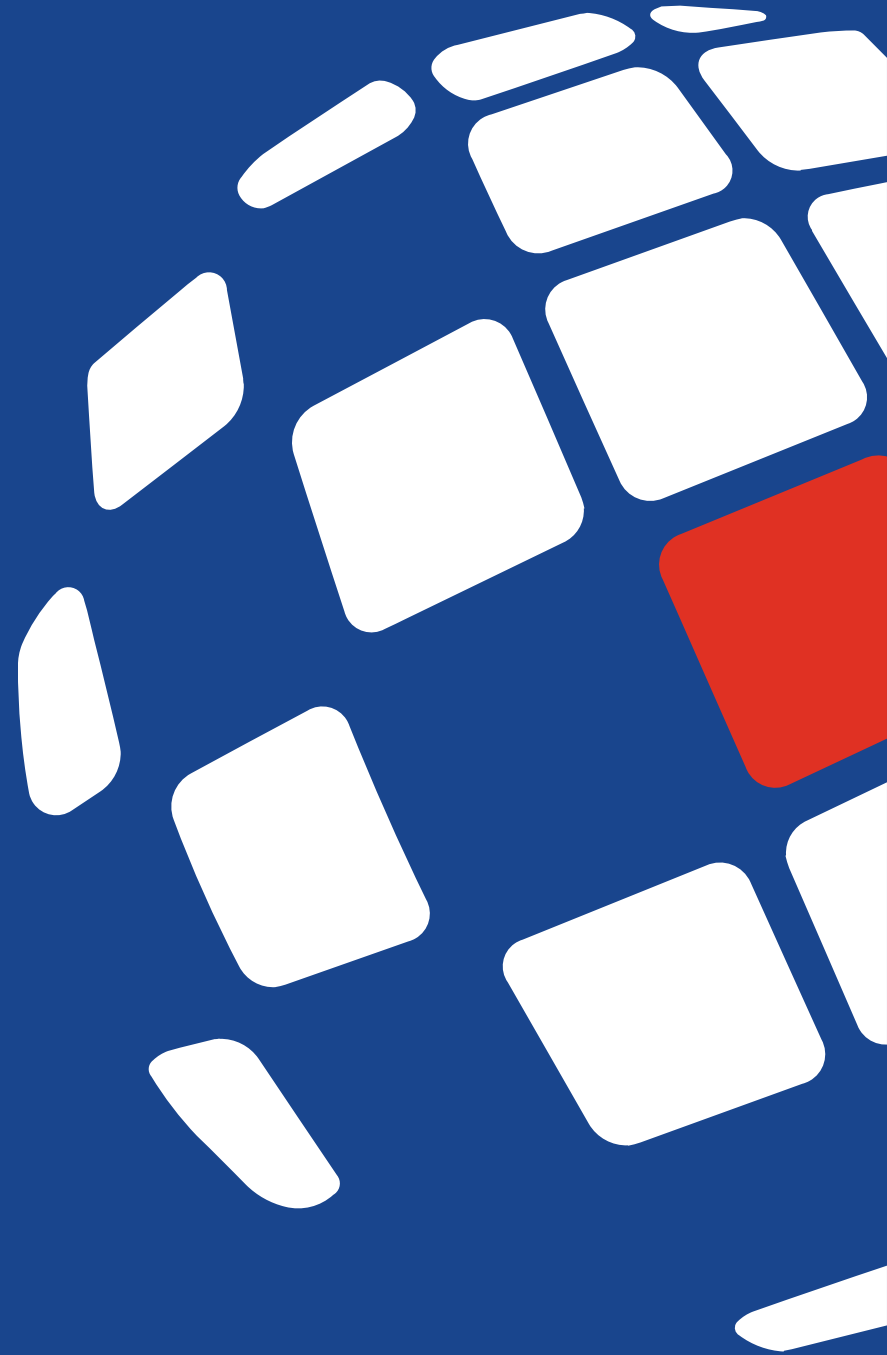


## Tip 4: Use the appropriate tool to answer the question?

PowerPoint, Google Earth and full blown GIS are all correct if it answers the question in time

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# COMMUNITY OF INTEREST

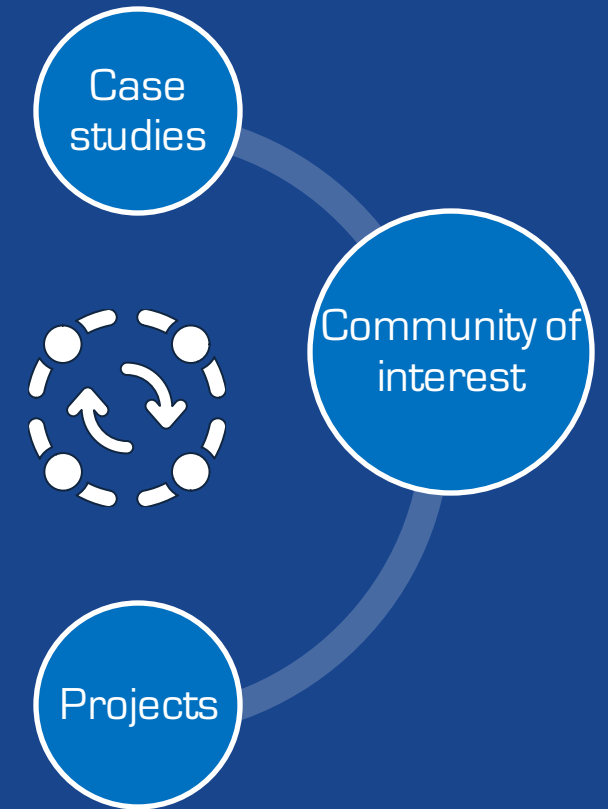


# Community of interest

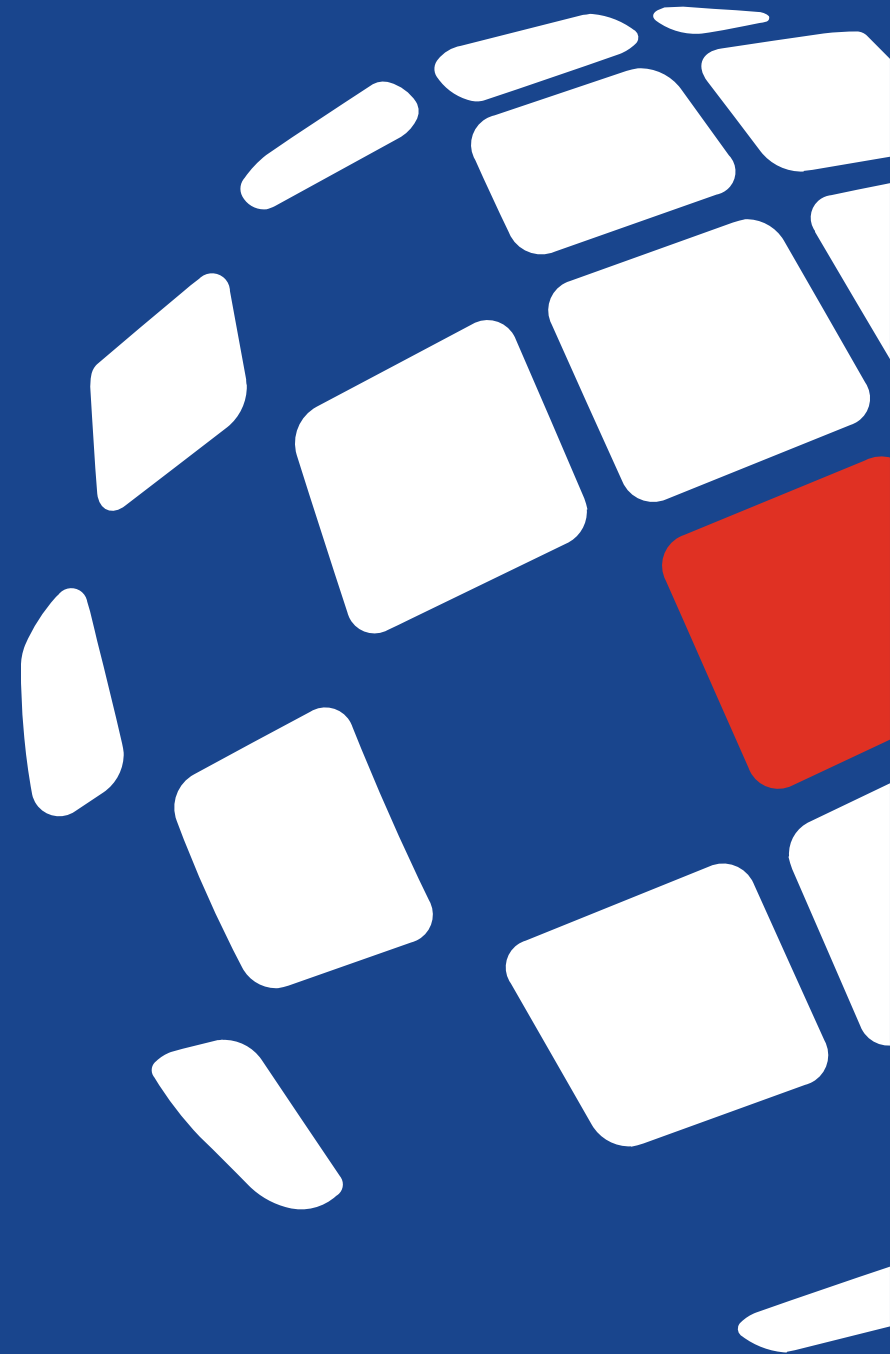
- Share experiences and knowledge and case studies
- Discussion of topics
- Mini training sessions

# Community of interest - 2023

- 5 a year + ADRRN/ RHPW workshop
- Case studies
  - SEEDS
  - University of Durham
- Spillover projects
  - 345W
    - New – Nepal - DPNET
    - Continue – Sri Lanka
- Mini training



MapAction Geo-Surgery  
SOME RESOURCES



# Resources

mapaction.org

maps.mapaction.org

guides.mapaction.org

**Example Product Catalogue**

Discover how maps can help you make better informed decisions in a humanitarian response

Population Movement  
→ Refugees  
IDPs

Number of cholera cases and deaths per state

Ethiopia 183,458

Jonglei Cases: 1 Deaths: 0

Refugee movement

263,200

471,100

132,500

12,700

MAP ACTION

Example Product Catalogue

BAHR EL GHAZAL

WARRAP

Kuajok

WESTERN BAHR EL GHAZAL

CENTRAL AFRICAN REPUBLIC

LAKES

Bor

JONGLEI

Below you will find over 80 different types of map that have been produced in previous responses. Each map guides you on what it is and its purpose, how it can help inform decision making, as well as tips on production and data sources.

Core

Clusters

Hazards

Which maps do I need?

GIS and information management resources

Search



CONTACT:

MASIMS@MAPACTION.ORG

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THANK YOU

