## **Research Terms of Reference** Pasture Management

AFG2401c Afghanistan

15 May 2025 V1



#### **Executive Summary** 1

Country of intervention	Afgha	anistan					
Type of Emergency		Natural hazard		Conflict	x	Other: Agricultural livelihoods	
Type of Crisis		Sudden onset		Slow onset	Х	Protracted	
Mandating Body/	NMO	FA					
Agency							
IMPACT Project Code	02BA	S					
Overall Research							
Timeframe (from	15/03	3/2025 to 31/08/2025					
research design to final							
outputs / M&E)							
Research Timeframe	1. Pil	ot/ training: 15/05/2025		7. Outputs se	7. Outputs sent for validation: 3/07/2025		
Add planned deadlines	2. Sta	art collect data: 20/05/2025	5	8. Outputs sh	8. Outputs shared with partner: 15/07/2025		
(for first cycle if more	3. Da	ta collected: 31/05/2025					
than 1)	4. Da	ta analysed: 15/6/2025					
	5. Da	5. Data sent for validation: 18/06/2025					
Number of	Х	Single assessment (one cycle)					
assessments		Multi assessment (more	than c	ne cycle)			
Humanitarian	Miles	tone		Deadline (ca	an be tei	ntative)	
milestones		Donor plan/strategy					
Specify what will the		Inter-cluster plan/strateg	у				
assessment inform and when		Cluster plan/strategy					
e.g. The shelter cluster		NGO platform plan/strate	egy				
will use this data to	х	Other (Specify): ACTED	THRI	/E 15/07/2025			
draft its Revised Flash		programming					
Appeal;							
	Audi	ence type		Disseminati	on		

Audience Type & Dissemination Specify who will the assessment inform and how you will disseminate to inform the audience	<ul> <li>Strategic</li> <li>Programmatic</li> <li>X Operational</li> <li>General Product Mailing (e.g. mail to NGO consortium; HCT participants; Donors)</li> <li>Cluster Mailing (Education, Shelter and WASH) and presentation of findings at next cluster meeting</li> <li>Presentation of findings (e.g. at HCT meeting; Cluster meeting)</li> <li>Website Dissemination (Relief Web &amp; REACH Resource Centre)</li> <li>x Bilateral dissemination (ACTED)</li> </ul>			
<b>Stakeholder mapping</b> Has a detailed stakeholder mapping been conducted during research design to identify all actors that could <b>contribute</b> to and/or <b>benefit</b> from the research?	x Yes D No			
General Objective	To provide a comprehensive, localized understanding of private and public pasture and rangeland use, and the underlying factors driving overuse and conversion of pastures, among rural communities in 5 manteqas in NW Afghanistan, to inform programming for sustainable pasture management in these manteqas			
Specific Objective(s)	<ol> <li>Map current seasonal and year-round use of public and private lands as pastures and for dryland agriculture among rural communities across 5 manteqas</li> <li>Identify and assess the impact of increased or competing demand for land, as well as climatic pressure on pastures and rangelands in the 5 manteqas</li> <li>Understand drivers for choices in the use and management of private and public pastures for grazing or conversion in the 5 manteqas</li> <li>Understand local pasture management capacities and support needs to identify opportunities and challenges to sustainable pasture management and grazing schemes in the 5 manteqas</li> </ol>			
Research Questions <sup>1</sup>	<ol> <li>How and when are pastures and rangelands used for grazing in each manteqa?</li> <li>Which pastures and rangelands are degraded at riskof degradation due to overuse, competing demand or climatic pressures?</li> <li>What underlying factors affect the implementation of sustainable pasture management mechanisms in the 5 manteqas?</li> </ol>			
Geographic Coverage	<ul> <li>5 manteqas in 4 provinces in NW Afghanistan:</li> <li>Alasha Wuloswali Manteqa, Markaz Hazrat-e-Sultan District, Samangan Province</li> <li>Pump Khana Manteqa, Shiberghan District, Jawzjan Province</li> <li>Saray Qala Manteqa, Khwaja Sabz Posh District, Faryab Province</li> <li>Dasht-e-Laili Manteqa, Andkhoy District, Faryab Province</li> <li>Shadian Manteqa, Nahr-e-Shadi District, Balkh Province</li> </ul>			
Secondary data sources	<ul> <li>AGORA, SRDP IV Executive Summary, December 2019</li> <li>AGORA, Manteqa Profiles, Samangan Province, December 2023</li> <li>AGORA, Manteqa Profiles, Faryab Southeast, November 2023</li> </ul>			

<sup>1</sup> For an overview of the sub-questions, please refer to the <u>Methodology section below</u>.

	-	AGORA, Manteqa Profiles, Faryab North west November 2023						
	-	AGORA, Manteqa Profiles, Balkh Province, August 2023						
	-	AGORA, Manteqa Profiles, Jawzjan Province, December 2023						
	-	AGORA, SRDP IV District Water User Group Mapping, December 2019						
	-	S2AP. The KAP survey model (Knowledge, Attitude & Practices)						
	-	Hima Uprety, AFD/ MADERA, SI, GERES: Study on Management and						
		Regeneration of Pasturelands in High Altitude, n.d.						
	-	MoA: National Plan for Sustainable Range Management, 2011						
	1	Hemat et al.: Watershed restoration in Afghanistan, Proceedings of the 2008 Joint Meeting of the Society for Range Management and the America Forage and Grasslands Council, 2008						
	-	Wolfgang Pittroff: Rangeland management and conservation in Afghanistan, 2011						
	-	Lyndsay Alden-Wiley: Looking for Peace on the Pastures: Rural Land Relations in Afghanistan, 2004						
	-	Lyndsay Alden-Wiley: Land Rights in Crisis: Restoring Tenure Security in Afghanistan, 2003						
	-	Lyndsay Alden-Wiley: Land and the Constitution: Current Land Issues in Afghanistan, 2003						
	-	Lyndsay Alden-Wiley: Land Relations in Faryab Province: Findings from a Field Study in 11 Villages, 2004						
	-	Mark Patterson: The Shiwa Pastures, 1978–2003: Land Tenure Changes and						
		Conflict in Northeastern Badakshan, 2004						
	-	USAID Afghanistan: A Step-by-Step Provisional Guideline Towards Community- Based Pasture Management and Integrated Development 2005						
	-	Based Pasture Management and Integrated Development, 2005 UNCCD: UNCCD, n.d.						
	-	FAO: Voluntary Guidelines on tenure, n.d.						
	-	FAO: Pastoralist Knowledge Hub, n.d.						
	-	MAIL: Rangeland Law, n.d.						
	-	FAO/MAIL: Policy and strategy for forest and range management sub-sectors, pre 2021						
	-	FAO: Forest and Landscape Restoration Afghanistan Knowledge Hub, n.d.						
	-	FAO, various: FAO FLR Lit review, n.d.						
	-	WB: Afghanistan: Capacity Development for Natural Resource Management,						
		2018 Khurram Larawai. Shaliriy Accessing regeneration strategies for sustaining						
	-	Khurram, Larawai, Shalizi: Assessing regeneration strategies for sustaining intensively used Chilgoza pine-dominated community forests in Afghanistan, 2023						
	_	Wiley/AREU: Land, People, and the State in Afghanistan: 2002 – 2012, 2013						
Population(s)		IDPs in camp						
Select all that apply		IDPs in host communities						
••••••••••••••••••••••••••••••••••••••								
		Refugees in camp						
		Refugees in host communities          □         □         Refugees [Other, Specify]         □						
Ctratification	X							
Stratification	Х	Geographical #: 5						
Select type(s) and enter		manteqas Population size per Population size per						
number of strata		Population size per strata         strata is known?         strata is known?						
<u> </u>		is known? x Yes  NO Yes NO Yes NO Yes NO						
Data collection tool(s)	X	Structured (Quantitative) × Semi-structured (Qualitative)						
	Samp	Ding method Data collection method						

Structured data		Irnosiva				Key informan	t int	erview (Target #)
collection tool (s) # 1	<ul> <li>□ Purposive</li> <li>□ Snowballing</li> </ul>			<ul> <li>Key informant interview (Target #) _</li> <li>x Individual interview (Target #): 782</li> </ul>				
Select sampling and	x 2-stage cluster sampling			□ Focus group discussion (Target #):				
data collection method	X Z-5	age cluster sampling			□ Focus group discussion (Target #):			
and specify target #								
interviews	_							· / <b>T</b> · // E
Semi-structured data		rposive			x Key informant interview (Target #): 5			
collection tool (s) # 2	□ Sn	lowballing			Individual interview (Target #):			
Select sampling and						Focus group d	iscu	ission (Target #):
data collection method								
and specify target #								
interviews								
***If more than 2								
structured tools please								
duplicate this row and								
complete for each tool.								
Disaggregation by	Gend	er			Age			
gender and age								
Are you planning to	Х	Yes				Yes		
conduct sex/age		No			x No			
disaggregated								
analysis?								
Data management	Х	IMPACT				UNHCR		
platform(s)	~					onnon		
plationii(o)		[Other, Specify]						
Expected ouput type(s)		Situation overview #:		Rep	ort	#:	Х	Profile #: 5
F	Х	Presentation (Preliminary				tation (Final)		
		findings) #:		#: _				
	Х	Interactive dashboard #:		Web	oma	ıp #:	Х	Map #:
Access								
	Х						mination list, no	
		publication on REACH or other platforms)						
Visibility Specify which	AGORA							
logos should be on	Donor: Norwegian Ministry of Foreign Affairs							
outputs	Coordination Framework: NA							
	Partners: NA							

## 2 Rationale

### 2.1 Background

Rangelands make up for around 47% of Afghanistan's land cover, and by proportion, occupy the largest share of the country's territory. With predominant vegetation consisting of grasses, herbs, shrubs and low-growing trees, rangeland ecosystems play a key role for Afghanistan's economy and sustain livelihoods for nearly 80% of the country's households (WB 2017). Increasing temperatures and recurring droughts have a negative effect on rangelands and pastures, further exacerbated by socio-economic pressures that translate into increased demand pressure on rangelands. While traditional and local mechanisms to prevent overgrazing may still exist, communities report that their own knowledge is no longer sufficient to prevent rangeland degradation. During an IMPACT field visit to Saray-e Qala in 2024, communities reported

that pastures did not regenerate despite sufficient precipitation, potentially due to permanent damage to plant roots by goats.

As part of its work with Acted on the Norwegian Ministry of Foreign Affairs (NMoFA)-funded Sustainable Rural Development (SRDP) V Programme, IMPACT is well-placed to conduct an assessment on pasture<sup>2</sup> management at the manteqa level to fill this gap. SRDP intends to address the root causes of instability and poverty in four provinces in Northwest (NW) Afghanistan (Faryab, Jawzjan, Balkh, and Samangan) by creating a conducive environment for the active participation of local authorities and citizens in community-driven, area-based initiatives that contribute to improving basic service delivery and livelihood security. In particular, evidence from this assessment may be integrated within the SRDP programming by helping shape Acted's flagship pilot THRIVE, an integrated approach to restore degraded landscapes through landscaping, reforestation and livelihoods activities in close cooperation with affected communities. Findings from the assessment may also help build a deeper understanding of how (I)NGOS in NW Afghanistan can engage with local communities on development projects related to the management of key resources at the community level.

Target areas for the implementation of the THRIVE pilot have been identified based on secondary data from previous IMPACT assessments, as well as feedback from Acted field staff in NW Afghanistan. According to a 2023 Manteqa Profiling (IMPACT), the top three reported income sources across the five target areas were Agriculture (94.3%) Livestock (77.6%) and Daily labor (no contract) (76.1%), indicating a strong reliance on agricultural and livestock-based livelihoods, with a significant portion also depending on informal daily labor. With community buy-in being an integral part of the sustainability of land regeneration activities, this assessment aims to provide a better <u>understanding of local</u> perspectives on resilience gaps in the management of rangelands and pastures, and will be closely aligned with a separate research cycle on the use and management of agricultural irrigation water in the same areas.

### 2.2 Intended impact

According to IMPACT's partner Acted, which has been implementing land restoration activities as part of its flagship THRIVE methodology under SRDP V in the assessment's target areas, the biggest challenges locally are a lack of knowledge on adaptive practices and a lack of buy-in, as local communities consider long-term agricultural redevelopment a trade-off versus short-term income generating activities, leading to sustained demand pressure on pastures. THRIVE activities have also focused on engaging communities through Natural Resource Management Committees, which have been trained on pasture restoration and reforestation but lack capacity to scale up pasture restoration and communal management initiatives. Evidence on inefficiencies and barriers to sustainable pasture management, as well as actionable suggestions on adaptive practices at the manteqa level can support local coordination mechanisms such as the Natural Resource Management Committees in fulfilling their mandates. It can also help INGOs adapt their programming to address local issues such as overgrazing, land degradation, and conflicts over pasture, and inform the implementation of pasture related policies that are meaningful for the targeted areas in NW Afghanistan.

## 3 Methodology

### 3.1 Methodology overview

The assessment will consist of multiple elements aimed at various dimensions of pasture management, from individual farmers to line departments involved in rangeland related policy making at the district level. As such, it will consist of remote sensing elements to map current and historical land cover and pasture health, as well as primary data collection to provide an improved understanding of resilience gaps in pasture use, demand pressure, and management mechanisms in the targeted areas.

<sup>&</sup>lt;sup>2</sup> Despite considerable overlap, exact definitions of the terms rangeland and pasture are highly contested. For the purpose of this assessment, these terms will be used interchangeably. A more meaningful distinction in the context of Afghanistan can be made for public and private lands, as land ownership has consequences for land use. According to Acted field staff, local authorities have been implementing the Rangeland Law of 1971, which prohibits the use of public agricultural land except for livestock grazing.

### Remote Sensing/ Secondary Data

To investigate changes in pasture health, IMPACT will follow a methodology outlined in the International Fund for Agricultural Development Technical Note on Pasture Condition Maps in Kyrgyzstan (2022). A series of satellite imagery indexes will be calculated using Landsat-based Spectral indices, comparing at least two historical periods of 4 years to account for drought periods. Each period will be analyzed for irrigated land, rain-fed land, and pastureland, which will then be compared across periods. The change in pasture areas will be analyzed between the historical periods and shown on maps. Given that rangelands tend to be converted to rainfed agricultural land opportunistically, tracking pasture health and land cover changes over time will help triangulate findings from the planned Knowledge, Attitudes and Practices Survey (see below) to better understand socio-economic factors that drive decisions on pasture use.

### **Primary Data Collection**

#### **Key Informant Interviews**

Given the geographical spread of the manteqas across five districts, REACH will conduct a total of 5 KIIs with the respective local (district-level) departments of the Ministry of Agriculture, Irrigation and Livestock to provide a deeper understanding of local governance approaches regarding the implementation of pasture and rangeland policy. REACH will also conduct 1 KII per manteqa with herders. While it is likely that a larger sample would provide more contextual evidence for each manteqa, IMPACT field staff in the region have pointed out that identifying and interviewing additional KIIs that belong to this population of interest may be restricted by logistical challenges.

#### HH survey

To provide a better understanding of how pastures and drylands are used and what factors influence rainfed land use locally, REACH will conduct a quantitative KAP survey at household level in the 5 targeted manteqas. With communities in rural NW Afghanistan relying on both irrigation and dryland agriculture, this assessment and in particular its primary data collection tools will be aligned with a separate research cycle on irrigation management that targets the same areas; see below.

### Alignment with Pasture Management Research Cycle

As REACH will be carrying out a research cycle on pasture management and irrigation in the same targeted manteqas, it has been decided to align these respective assessments to avoid assessment fatigue due to recurring data collection exercises. The table below provides an overview of the planned alignment of the irrigation and pasture management research cycles.

Alignment with Pasture Management assessment				
Irrigation Management	Pasture Management	Purpose		
Remote Sensing (Evapotranspiration)	Remote Sensing (Pasture Health)	Map potential vulnerabilities with regard to natural resources		
Quantitative KAP survey, representative (	HH level data on irrigation and pasture use practices			
5 semi structured KIIs with line ministry st	Policy-related/ district level data on water and pasture management			

15 semi structured KIIs with Mirab Bashi/ Chakbashi/ local water managers (2-3 per manteqa)		Manteqa level data on water management .
	5 semi structured KIIs for each Manteqa with herders or livestock farmers	Information on pasture use in manteqa
Total Primary Data Collection		
20 KII	5 KII	
782 HH surveys		

### Methods summary

Research questions	Data collection method
1. How and when are pastures and rangelands used for grazing in each manteqa?	
a. How do communities use public and private, land respectively?	KII
b. In which seasons do communities make use of pastures and rangelands for grazing?	HH survey
c. What kind of rotational grazing systems do communities make use of, if any?	HH survey
2. Which pastures and rangelands are degraded or danger of degradation due to overuse, competing demand or climatic pressures?	RS/ KII
a. Which pastures can be considered degraded?	RS
b. Which historic pastures have been converted to rainfed agricultural land?	RS
c. What factors increase demand pressure on pastures?	HH survey/ KII
3. What underlying factors affect the implementation of sustainable pasture management mechanisms in the 5 manteqas?	
a. Which criteria do communities consider when using land for rainfed agriculture?	HH survey
b. What local knowledge on pasture management and restoration do communities possess?	КІІ
c. What exogenous pressures affect community governance structures on pasture management?	КІІ
d. What additional soil restoration techniques/ seeds could strengthen pasture restoration efforts locally?	Secondary data

### 3.2 Population of interest

#### Targeted areas

In contrast to formal administrative divisions used in Afghanistan, manteqas cover areas smaller than districts, and are based entirely on a shared, local understanding of manteqa boundaries based on geographic features, shared natural resources, or other socio-geographic factors. As part of SRDP V, IMPACT has previously mapped and profiled 84 manteqas across Jawzjan, Faryab, Balkh and Samangan provinces in NW Afghanistan through Mapping Focus Group Discussions and Key Informant Interviews (IMPACT Manteqa Profiles, 2023).

A **manteqa** in northwest Afghanistan is a geographic area containing a number of villages and is identified by both its inhabitants and the other inhabitants of the district under one common regional name. It is thus the basic reference point for the village population in the area. The manteqa boundaries are usually clearly defined by natural geographical features such as rivers, watersheds etc. IMPACT and Acted previously mapped and profiled Manteqa in Northwest Afghanistan and found that, beyond geographical boundaries, the existence of each of the assessed manteqa in the minds of its inhabitants stems from a feeling of belonging and attachment towards it, itself borne out of geographical proximity, common history, economic, social and tribal/ethnic ties, and the solidarity derived from the community management of some of the resources upon which rural livelihoods depend. The customary governance structures that were found to exist at various levels within the manteqa play an important role in community resilience and resource management.

The 5 manteqas targeted in this research are part of SRDP V implemented by Acted and IMPACT in Northwest Afghanistan. These manteqas were selected based on key informants' reports on soil erosion, forest degradation and pasture degradation, availability of communal land, access, and reliance on agricultural livelihoods, complemented with Acted field teams' knowledge of the area.

The 5 manteqas are:

- Shadian Manteqa, Nahr-e-Shadi District, BalkhProvince
- Alasha Wuloswali Manteqa, Markaz Hazrat-e-Sultan District, Samangan Province
- Pump Khana Manteqa, Shiberghan District, Jawzjan Province
- Dasht-e-Laili Manteqa, Andkhoy District, Faryab Province
- Saray Qala Manteqa, Khwaja Sabz Posh District, Faryab Province

### Population

Due to the close relationship between pasture use and dryland agriculture, the assessment will target manteqa residents engaged in dryland agriculture. While exact numbers for the population of interest is not known, findings from earlier IMPACT assessments indicate that a large number of residents fall in this category, as agriculture and livestock farming are the primary livelihoods in the targeted manteqas. As such, IMPACT will conduct a HH-level KAP survey with households engaged in livestock agriculture as their primary source of income. In addition, IMPACT will aim to conduct Key Informant Interviews with livestock herders for insights into pasture use locally.

### 3.3 Secondary data review

During the first weeks of implementation, a thorough secondary data review will be conducted by the IMPACT Senior Assessment Officer in order to build on and complement existing data and tools. This will include data from previous

assessments under SRDP in NW Afghanistan, as well as publicly available secondary literature to inform the methodology of the planned assessment. It is expected that the following Key Sources will be consulted:

Secondary Source	Purpose of Source
<u>Study on Management and Regeneration of Pasturelands in High</u> <u>Altitude. Hima Uprety, AFD/ MADERA, SI, GERES. n.d.</u>	<ul> <li>Contextual understanding of pasture restoration in high altitude areas</li> <li>Key definitions and concepts related to pasture management</li> <li>Insights into pasture restoration methodologies and their effectiveness</li> </ul>
National Plan for Sustainable Range Management. MoA. 2011	<ul> <li>Contextual understanding of national strategies for range management</li> <li>Key definitions and concepts related to sustainable range management</li> <li>Methodology for implementing national range management plans</li> </ul>
Watershed restoration in Afghanistan. Hemat et al. 2008	<ul> <li>Contextual understanding of watershed restoration efforts</li> <li>Verification/triangulation of primary data on rangeland conditions</li> <li>Methodology for assessing watershed restoration impacts</li> </ul>
<u>Rangeland management and conservation in Afghanistan.</u> <u>Wolfgang Pittroff. 2011</u>	<ul> <li>Contextual understanding of rangeland management challenges</li> <li>Key definitions and concepts related to rangeland conservation</li> <li>Insights into rangeland management practices and their sustainability</li> </ul>
<u>Looking for Peace on the Pastures: Rural Land Relations in</u> <u>Afghanistan. Lyndsay Alden-Wiley. 2004</u>	<ul> <li>Contextual understanding of rural land relations</li> <li>Verification/triangulation of primary data on land tenure issues</li> <li>Insights into land conflict resolution and management</li> </ul>
<u>Land Rights in Crisis: Restoring Tenure Security in Afghanistan.</u> Lyndsay Alden-Wiley. 2003	<ul> <li>Contextual understanding of land tenure security issues</li> <li>Key definitions and concepts related to land rights</li> <li>Methodology for restoring tenure security</li> </ul>
<u>Land and the Constitution: Current Land Issues in Afghanistan.</u> Lyndsay Alden-Wiley. 2003	<ul> <li>Contextual understanding of constitutional land issues</li> <li>Verification/triangulation of primary data on land rights</li> <li>Insights into legal frameworks for land management</li> </ul>
Land Relations in Faryab Province: Findings from a Field Study in 11 Villages. Lyndsay Alden-Wiley. 2004	Contextual understanding of land relations in Faryab Province

Secondary Source	Purpose of Source
	<ul> <li>Verification/triangulation of primary data on local land issues</li> <li>Methodology for assessing land relations and conflicts</li> </ul>
<u>The Shiwa Pastures, 1978–2003: Land Tenure Changes and</u> <u>Conflict in Northeastern Badakshan. Mark Patterson. 2004</u>	<ul> <li>Contextual understanding of land tenure changes and conflicts</li> <li>Verification/triangulation of primary data on land use</li> <li>Insights into historical land tenure and conflict resolution</li> </ul>
A Step-by-Step Provisional Guideline Towards Community-Based Pasture Management and Integrated Development. USAID Afghanistan. 2005	<ul> <li>Contextual understanding of community- based pasture management</li> <li>Key definitions and concepts related to integrated development</li> <li>Methodology for implementing community- based management practices</li> </ul>
UNCCD. n.d.	<ul> <li>Contextual understanding of global rangeland management</li> <li>Key definitions and concepts related to desertification</li> <li>Methodology for combating land degradation</li> </ul>
Voluntary Guidelines on tenure. FAO. n.d.	<ul> <li>Contextual understanding of tenure guidelines</li> <li>Key definitions and concepts related to land tenure</li> <li>Methodology for implementing voluntary guidelines</li> </ul>
Pastoralist Knowledge Hub. FAO. n.d.	<ul> <li>Contextual understanding of pastoralist knowledge</li> <li>Key definitions and concepts related to pastoralism</li> <li>Insights into best practices for pastoralist communities</li> </ul>
Rangeland Law. MAIL. n.d.	<ul> <li>Contextual understanding of rangeland laws</li> <li>Key definitions and concepts related to legal frameworks</li> <li>Methodology for implementing rangeland laws</li> </ul>
Policy and strategy for forest and range management sub-sectors. FAO/MAIL. pre 2021	<ul> <li>Contextual understanding of policy and strategy for forest and range management</li> <li>Key definitions and concepts related to forest and range management</li> <li>Methodology for policy implementation</li> </ul>
Forest and Landscape Restoration Afghanistan Knowledge Hub. FAO. n.d.	Contextual understanding of forest and landscape restoration

Secondary Source	Purpose of Source		
	<ul> <li>Key definitions and concepts related to restoration practices</li> <li>Insights into best practices for forest and landscape restoration</li> </ul>		
FAO FLR Lit review. FAO, various. n.d.	<ul> <li>Contextual understanding of forest and landscape restoration literature</li> <li>Key definitions and concepts related to restoration</li> <li>Methodology for reviewing restoration literature</li> </ul>		
Afghanistan: Capacity Development for Natural Resource Management. WB. 2018	<ul> <li>Contextual understanding of natural resource management capacity</li> <li>Key definitions and concepts related to resource management</li> <li>Methodology for capacity development</li> </ul>		
Assessing regeneration strategies for sustaining intensively used Chilgoza pine-dominated community forests in Afghanistan. Khurram, Larawai, Shalizi. 2023	<ul> <li>Contextual understanding of regeneration strategies</li> <li>Verification/triangulation of primary data on forest management</li> <li>Methodology for assessing regeneration strategies</li> </ul>		
Land, People, and the State in Afghanistan: 2002 – 2012. Wiley/AREU. 2013	<ul> <li>Contextual understanding of land tenure practices</li> <li>Key definitions and concepts related to lan policy</li> <li>Insights into land tenure and policy practic</li> </ul>		
Technical Note on Pasture Condition Maps in Kyrgyzstan, IFAD, 2022	Methodology for mapping historical developments of pasture health using remote sensing		

### 3.4 Primary Data Collection

**Qualitative Data Collection:** 

Given the focus of the assessment on specific local areas selected as pilot locations for the implementation of THRIVE under SRDPV, KI sampling will be entirely purposive. Key Informants from relevant line departments involved in rangeland and pasture management, as well as livestock herders from the 5 targeted manteqas will be identified with the help of IMPACT's partner Acted. KIIs will be conducted using a semi-structured tool that will be developed by the IMPACT Senior Assessment Officer following the Secondary Data Review.

### Quantitative Data Collection:

The Household Interviews will be conducted using a closed, quantitative tool using the Kobo Collect data collection platform. The survey will be designed using indicators knowledge, attitudes and practices surrounding the use of drylands for livestock grazing and rainfed agriculture at household level.

For this, the Senior Assessment Officer will develop a Knowledge, Attitudes and Practices (KAP) survey that will aim to capture information on how pasture and rangelandare used locally. The tool design will be informed by secondary data on

methodological considerations for KAP surveys, as well as on best practices for pasture management as per Acted's documentation on the THRIVE methodology and the FAO Climate-Smart Agriculture Sourcebook.

#### Household Interviews with Heads of Household in 5 Manteqas

The HHI will use a two-stage stratified cluster sampling methodology based on the population size. REACH divided the total population per settlement by 7 (the average household size in Afghanistan) and then took a population sample of 95% Confidence level with a 5% Margin of Error for each Manteqa, and the buffer was set at 10%.

A trainer-of-trainer methodology will be applied, where REACH Senior Field Officers are trained in Kabul and then return to their regional basis in order to train the enumerators on the tools, a process that takes approximately 2 weeks. Enumerators will be trained at REACH's regional base in Mazar-e Sharif.

#### Sampling strategy

The total population for each settlement is derived from the World Pop Database, and divided by 7 (the average household size in Afghanistan and the standard for the humanitarian community) to estimate the number of households at settlement level.

The household (HH) tool utilised a random **two-stage stratified cluster sampling** method using data from secondary sources. The strata are the **5 Manteqas**, and the settlements as clusters. The two-stage stratified cluster sampling approach is as follows:

- The first stage uses the random stratified cluster sampling of settlements. A minimum of 6 households will be interviewed per settlement (cluster) to qualify for random selection based on the required number of interviews at the manteqa (strata) level.
- The second stage entails the random sampling of households within each settlement that was selected in the first stage. This method utilises the clusters identified above in order to determine the required number of households to be sampled in each settlement.

Once the sampling has been determined, in the field, to ensure randomisation of household selection, enumerators will be provided with the sample size for each population group (households engaged in irrigated farming, and households relying on pasture for livestock) in the settlement (PSU<sup>1</sup>) they are visiting. They will then approach the centre of the village, pick a random direction (by dropping a pen and following the direction it points) and then walk in that direction to the edge of the village, counting either the number of minutes or number of houses passed. The minutes or number of houses will then be divided by the number of interviews to be completed, with the enumerator approaching every n-number house for data collection. If the household identifies as one of the target population groups in the PSU, the interview will be completed, and the enumerator will carry on to the next n-number house. If the household is not one of the target population groups in the PSU, the enumerator will then return to the original location (village centre) and continue the randomisation process in a new direction determined by the drop of a pen. This will ensure that all households are randomly selected, to produce a representative household analysis for each of the 5 Manteqas. In each settlement, it is anticipated that a satisfactory sample of population group (households engaged in irrigated farming (50%), and households relying on pasture for livestock (50%)) will be included at the Manteqa level during the data collection. This will enable the generation of indicative findings for each population group.

Enumerators will carry a smartphone with the pre-installed Kobo tool, introduce themselves and the purpose of the data collection, and ensure informed consent as well as the majority of age of the respondent. The Kobo tool will feature a question with selection criteria for each specific population group, based on which enumerators will administer either of the two questionnaires (pasture or irrigation management) until the respective quotas of 50% have been met for each settlement.

In addition, the possibility to access female household members will be informed by the accessibility list developed by REACH, which includes the mapping of female access to determine the most inclusive and safest option for reaching female respondents. For the targeted districts, interviews with female respondents will be carried out by female enumerators, following the approach outlined above.

In the two targeted districts where the female respondents can not be accessed, female enumerators can conduct interviews remotely only (no in-person access). A male enumerator will visit the target settlement in-person seek consent to provide a phone to an adult, knowledgeable female household member to be interviewed by a female enumerator working from her home. Based on this approach, IMPACT will aim to interview a minimum of 20% female respondents.

No	Stratification (Manteqa)	# HH surveys	# units (villages) to assess	Cluster size
1	Alsha Wuloswali	168	16	10.5
2	Dasht-e-Laili	186	13	14.31
3	Pump Khana	156	19	8.21
4	Saray Qala	162	16	10.12
5	Shadian	110	4	1
Total		782		

For an overview of the HH surveys to be conducted, please refer to the table below:

### 3.5 Data Processing & Analysis

#### **Qualitative Data**

As audio recordings for quality assurance purposes are not currently feasible in the context of Afghanistan, qualitative primary data will be collected by taking detailed notes. Debriefs will be held with facilitators after each KII to identify possible data quality issues (misunderstood questions, off-target answers, missed questions). Facilitators will share full notes with the Senior Project Officer in Mazar. All qualitative data will be translated into English . Using a data saturation grid, a content analysis will be conducted for each manteqa. While addressing the research questions, the aim is to identify themes, patterns and relationships, and where possible. Data processing and analysis follows the IMPACT Minimum Standards for Semi-Structured Data Processing and Analysis.

### **Quantitative Data**

All data will be checked and cleaned on a daily basis through a circular process according to the <u>IMPACT Data Cleaning</u> <u>Minimum Standards Checklist</u>: The REACH Data team will receive the data that was uploaded from the field team's smart phones on a daily basis. This data will be anonymized and then be checked by the Assessment Officer, who will feed it back to the Programme Officer in Kabul who will then follow up with the Regional Senior Field Officers, who will inform enumerators of the feedback. Interviews will be checked for 1) Time length (to check if enumerators are rushing), 2) logic of responses (to ensure that enumerators are thinking answers through) and 3) Other responses (to ensure that textbased responses aren't already included as options). *In the case that responses were incorrect or require a change in the response, the field teams will feed those responses back through the SFOs and Programme Officers, who will make the changes to the data in a cleaning log.* At the end of data collection, a final check of the cleaning log will be done to standardize all responses, and then the data team will clean that data by running both the data and a cleaning log through an R script. A data analysis plan, developed by the Assessment Officer, will then be used by the data analysis team to analyse the data in R. This will be used to produce a dataset that can be plugged into InDesign to produce the site profiles.

### 3.6 Limitations

As part of one of three research cycles (climate change, irrigation and Pasture management) in the same targeted areas, the pasture management and irrigation infrastructure assessments will be closely aligned with each other to avoid assessment fatigue. As a result of this, findings from this data collection exercise will be representative at the manteqa level, but indicative for the population of interest engaged in pasture use.

IMPACT will aim to interview a minimum of 20% female respondents across the irrigation and pasture management research cycles. While interviewing female respondents is not currently prohibited, access depends on a coordination process with the de facto authorities that may result in ad-hoc restrictions locally.

## 4 Key ethical considerations and related risks

The proposed research design meets / does not meet the following criteria:

The proposed research design	Yes/ No	Details if no (including mitigation)
Has been coordinated with relevant stakeholders to <b>avoid unnecessary duplication</b> of data collection efforts?	X	
<b>Respects respondents, their rights and dignity</b> (specifically by: seeking informed consent, designing length of survey/ discussion while being considerate of participants' time, ensuring accurate reporting of information provided)?	x	
Does not <b>expose data collectors to any risks as a direct result</b> of participation in data collection?	X	
Does not expose respondents / their communities to any risks as a direct result of participation in data collection?	X	
Does not involve collecting information on specific topics which may be stressful and/ or re-traumatising for research participants (both respondents and data collectors)?	X	
Does not involve <b>data collection with minors</b> i.e. anyone less than 18 years old?	X	
Does not involve <b>data collection with other vulnerable groups</b> e.g. persons with disabilities, victims/ survivors of protection incidents, etc.?	X	
Follows IMPACT SOPs for management of <b>personally</b> identifiable information?	x	

## 5 Roles and responsibilities

Task Description	Responsible	Accountable	Consulted	Informed
Research design	SAO	SAO	Associate Research Manager (ARM)	Country Coordinator

Supervising data collection	SPO	SAO	ARM	CC
Data processing (checking, cleaning)	DBO	AO/SAO	ARM	CC
Data analysis	DBO	Data Specialist	SAO	ARM
Output production	AO	SAO	ARM	CC
Dissemination	Acted	Acted	ARM	CC
Monitoring & Evaluation	Associate Research Manager	CC	Impact Research Team	Acted PD Team
Lessons learned	Associate Research Manager	CC	Impact Research Team	Acted PD Team

## 6 Data Analysis Plan

### 6.1 Research questions addressed with <u>Semi-structured</u> tool

Research questions	SUBQ#	Sub-question	Questionnaire QUESTION	Probes	Data collection method	Key disaggregations (Group types)
(icebreaker)	0.0	N/A	Can you tell me a little about your work or connection with pastureland in this manteqa?			
1. How and when are pastures and rangelands used for grazing in each manteqa?	1.1	a. How do communities use public and private land respectively?	How do communities in this manteqa typically use public and private pastureland? Through what mechanisms is public land managed in your manteqa?	Access to or conflict over public land? Clarity of ownership and applicable laws? (e.g. rangeland law) When are different areas used (spring, summer, autumn, winter)? Are there areas used year-round?	KI	Importance of public land / Importance of private land
2. Which pastures and rangelands are degraded or danger of degradation due to overuse, competing demand or climatic pressures?	2.1	c. What factors increase demand pressure on pastures?	What are the main pressures or challenges affecting pastureland in this manteqa?	Rotation, Quruq? Seasonality? Conversion to rainfed land?	KI	Behaviour (rotation, conversion) / Climatic pressures

3. What underlying factors affect the implementation of sustainable pasture management mechanisms in the 5 manteqas?	3.1	b. What local knowledge on pasture management and restoration do communities possess?	What local knowledge and practices exist around pasture management in this manteqa?	What strategies have traditionally been used to manage or restore pastures? Are there any seasonal rules or customary restrictions? Have these practices changed over time? Why? What factors make it difficult to follow or maintain these practices today? Are there successful examples of sustainable use?	KI	Existence of traditional mechanisms Lack of sustainability in traditional mechanisms
	3.2	c. What exogenous pressures affect community governance structures on pasture management?	How do communities manage the pastures in their areas by themselves? What external factors impact how communities govern and manage pastureland?	Do external actors (government, NGOs, private sector) influence pasture management? Has climate change or drought affected governance? Are there conflicts with other communities (e.g., Kuchi)?	KI	Community management is efficient/ Community management limited

### 6.2 Example 2: Research questions addressed with <u>Structured</u> Tool(s)

Research questions	IN #	Data collection method	Indicator/ Variable	Questionnaire Question	Questionnaire Responses	Single or Multiple response	Data collection level
Disaggregation/ Selection	D.1.1		Respondent selection criteria (practicing irrigation or livestock agriculture)	Do you or the majority of your HH members (including yourself) rely on agriculture for income or to feed your family?	Primarily irrigation agriculture (including borewells) (interview stops/ interview on irrigation management) Primarily livestock agriculture Primarily cultivating rainfed land (interview stops/ medium priority to continue interview depending on population target reached) No (interview stops)	Single	НН
	D.1.2		Gender	Please specify your gender.	Female Male	Single	НН

	D.1.3	Age of respondent	How old are you?	Enter number (adult) (If <18, interview stops)	N/A	HH
				Difficulty seeing even if wearing glasses	Multiple	HH
				Difficulty hearing even while using a hearing aid		
				Difficulty walking or climbing steps		
			household have a lot of difficulty with or cannot do any of the following (choose all that apply)	Difficulty remembering and concentrating		
	D 1.4	Disability		Difficulty with self care (such as washing all over or dressing)		
				Difficulty communicating when using the household's usual language (for example understanding or being understood)		
				no difficulties (None of my household members has a difficulty)		
				I don't know/I don't want to answer (don't read aloud)		
	D.1.5	Host HH	this location the area of origin for the majority of household members?	Yes No	Single	НН
			Have the majority of household members	Yes	Single	
	D.1.6	.6 Returnee HH incl eve forc disp	including you ever been forceably displaced and fled to another	No		
_			country? Have the majority of the household	Yes	Single	
	D.1.7	idp hh	members ever been forceably displaced from their homes and fled to another province or district in Afghanistan?	No		
				Less than 6 months 6 months to 2 years More than 2 years	Single	
	D.1.8	Length of displacement	If yes, how long have you been displaced?	Solid/ finished apartment Unfinished/ non enclosed building Tent		НН
			Makeshift shelter Other (specify) Don't know Prefer not to answer			
	D.1.11	Manteqa		Shadian Alasha Woluswali	Single	НН

	D.1.12		Settlement	What manteqa is your household in? What settlement is your HH in? How many people live in your HH?	Pumpkhana Saray Qala Dasht-e Laili Other ( <b>interview stops)</b> response option from settlement list	Single Single	НН
	D.1.13		HH size	Hint: Please do not count (prior) members of your household that do not live with you at the moment.	Enter #		НН
RQ 1. How and v	when are pas	stures and rai	ngelands used fo	r grazing in each ma	anteqa?		1
	A1.1	НН	Seasonality of	In which season do you or your	Winter Spring	Multiple	НН
	/	survey	grazing cycles	HH use pastures for grazing?	Summer		
				ior grazing:	Fall		
		НН	Seasonality of	When is there	Winter	Multiple (except if don't know)	
	A1.2	пп survey	pasture	most grass on	Spring		НН
			productivity	the pasture?	Summer Fall		
					Don't know		
b. In which seasons do communities	A.1.3	нн	Seasonality of	When does the pasture not	Winter	Multiple	НН
make use of pastures and rangelands for	A.1.0	survey	forage	provide enough feed for livestock	Summer Fall		
grazing?	A.1.4	HH survey	Factors influencing grazing	How does your HHdecide when to graze?	Don't know When plants are healthy When I have no feed When feed too expensive Always do it this way Told by community members Told by NRMC Told by NRMC Told by NGO Told by NGO Told by community leaders Don't know Other: Don't know	Multiple (except if don't know)	НН
c. What kind of	A.2.1		Rotation	Doesyour HH regularly rotate the rangeland you use? (Move livestock to different pasture)	Sometimes Always Never Don't know	Single	нн
rotational grazing systems do communities make use of, if any?	A.2.2	HH survey	Barriers to rotation	(If never) Why does your HH not rotate the rangeland you use?	No other land available Not enough plants on other land Too many animals to use other land Too many other animals on other land already No need Don't know Other:	Multiple	

r							•
					Have always known	Multiple	
					Other community		
					members told me		
					NRMC told me		
				(If sometimes or	Community elders told		
			Knowledge on	always) Why	me		
			rotation	oesyour HH	NGO told me		
			lotation	rotate the land	Government told me	-	
				you use?	Heard from media		
	A.2.3					-	HH
					Degraded plant cover		
					Don't know	-	
					Other:		_
				What is the		N/A	
				maximum			
			Rotation	number of days	Enter # of days		
			cycles	your HH keep			
				livestock on one			
				pasture?			
			Truck	Does your HH	Only public	Single	
	A C 1		Type of land	use public or	Both public and private	1	
	A.3.1		used for	private lands for	Only private	1	HH
			grazing	grazing?	Don't know	1	
		<u> </u>		grazing:		Single	1
				<b>_</b>	Always	Siligie	
				Does your HH	Sometimes	4	
			Regularity of	consult any other	Never		
	A.3.2		community	community			НН
	A.J.Z		consulted for	members to			nn
			pasture use	decide which	Don't know		
				pastures to use?			
				I			
					Only rainfed agriculture	Single	
				Deverylesses		Siligle	
			Knowledge	Do you know	Only for grazing	-	
			about	what the land	Some rainfed agriculture,		
	A.3.3		historical land	your HH is using	some grazing		HH
			use	was used for in	Not used at all		
			000	the last 5 years?	Something else		
					Don't know		
					Cattle	Integer	
					Sheep	Ŭ	
c. What factors				How many	Goats		
increase	A.3.4		Livestock	(livestock type)	Poultry		HH
demand	7		number now	does rHH have	Mule/ donkey		
pressure on				now?		1	
pastures?					Camel	4	
		<u> </u>			Horses		
					Cattle	Integer	
				How many	Sheep		
				How many	Goats		
	A 0 F		Livestock	(livestock type)	Poultry		
	A.3.5		number past	did your HH have	Mule/ donkey	1	HH
			· · · · · · · · · · · · · · · · · · ·	around 5 years	Camel	1	
				ago?	Horses	1	
						4	
		<u> </u>			None		+
					Did not sell as many	Multiple (up to	
					Purchased more animals	3)	
					Received for free		
					Disease		
			D (	Why did the	Sold because of good	1	
			Reason of	number of	prices		
	A.3.6		change in	livestock	Sold because of distress	1	HH
			numbers	change?	sale		
				shange :		1	
1	1				Flooding	4	
					Drought	-	
					Lack of water Lack of fodder	-	

					Lack of extension/ vet		
					services		
					Animal deah		
					Lost or stolen		
					Killed for consumption		
					Debts		
					Dowry payment		
					Other (specify)		
					Prefer not to say		
					Don't know	0: /	
				Has the size of	Increased a lot	Single	
			Change in	the pasture area	Increased a little		
	A.3.7		pasture	accessible to you	Remained the same		HH
			availability	for your HHs' use changed in the	Decreased a little		
				past 5 years?	Decreased a lot Don't know		
				past o years:	Others have more	Multiple (except	
				(If in one could	livestock	if don't know)	
				(If increased/ decreased) Why	More pastures barren	ii doii t kiidwj	
			Reasons for	has there been a	Pastures have been		
	A.3.8		change	change in the	converted		НН
	7		pasture	area of pasture	Owner does not allow	1	
			availability	your HH can	any more		
				use?	Don't know	1	
					Other		
			Other reasons			N/A	L
			for change in				
	A.3.9		pasture	If other, why?	Enter reason		HH
			availability				
			s. c. control y	How does your	Grazing only	Single	
	A.3.10			How does your HH feed your	Feed only	Single	НН
	7.0.10			animals?	Grazing and feed		1111
					Not enough pasture	Single	
					available	Single	
			Livestock feed		Not enough plants on		
			sources	If grazing and	pasture		
	A.3.11			feed, why do you	Feed improves		HH
				use feed?	productivity beyond		
					grazing		
					Other:		
					Exclusively for the	Single	
					market		
				Does your HH	Primarily for the market		
				farm for home	with some home		
	10.10		Reasons for	consumption or	consumption		
	A.3.12		farming	to sell products	Primarily for home		HH
			Ŭ	on the market for	consumption, marketing		
				income?	surplus Exclusively for home		
					consumption		
					Don't know		
RQ 3 What und	erlving facto	rs affect the in	mplementation of	f sustainable nastur	e management mechanism	s in the 5 manteque	?
ite 5. what und	enying racio	וש מוופטו נוופ וו		i sustamable pastur	Distance to household	Multiple (except	1
					No other community	if don't know)	
					members using the same		
a. Which				What factors	land		
a. which criteria do				does your	Weather forecast	1	
communities	A.4.1		Factors for	HHconsider	Health of plants		НН
consider when	/ \T.		pasture use	when using a	Water access for		
using land for				pasture?	livestock		
rainfed				P0000101	Land ownership		
	1	1			Don't know		
agriculture?							
agriculture?							
agriculture?				Who does your	Other:	Multiple (except	
agriculture?	A.4.2			Who does your HH consult to		Multiple (except if don't know)	HH

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	1			1	1
		use rangeland/	herders		
	Land	pasture?	local administration		
	management		Community elders		
	actors		No one		
	actors		Don't know		
			Other:		
			Distance to household	Multiple (except	
			No other community	if don't know)	
			members using the same		
		What factors	land		
	Factors for	does your HH	Weather forecast		
A.4.3	lalmi use	consider when	Health of plants		HH
		using lalmi land	Sufficient rainwater		
		0	Land ownership		
			Don't know		
			Other:		
			NRMC	Multiple (except	
			Private land owners;	if don't know)	
			herders	,	
	Land	Who does your	local administration	1	
A.4.4	management	HH consult to	Community elders	1	HH
	actors	use lalmi land	No one		
			Don't know		
			Other:		
			Observation (other	Multiple (except	
			farmers)	if don't know)	
			Observation (demo plots)		
			Heard about it (other		
	Information	How es your HH	farmers)		
	about	receive	Heard about it (INGO)		
A.4.5	improved	information about	Heard about it		HH
	farming	improved farming	(government)		
	methods	methods?	Heard about it (village		
			leaders)		
			Heard about it (NRMC)		
			Don't know		
			Other		
			Fertilizer	Multiple (except	
		Deeevert	Soil tilling	if no)	
		Does your HH	Seeding	]	
	Pasture	(regularly) take	Quarantining	]	
A.4.6	restoration	any steps to try	Fencing		HH
	activities	to improve the health of	Earthworks		
		pastures ?	No	]	
		pasiules ?	Don't know		
			Other:	1	
			No coordination between	Multiple (except	
		What are the	community members	if don't know)	
		biggest	Too many animals	Í	
	Challenges in	challenges in"	Financial constraints	1	
A.4.7	pasture	improving the	Lack of knowledge	1	HH
	restoration	health of	Not an important issue	1	
		pastures?	Don't know	1	
		parenter of t	Other:	1	
 L	1	1	00101.	I	1

# 7 Monitoring & Evaluation Plan

IMPACT Objective	External M&E Indicator	Internal M&E Indicator	Focal point	Tool	Will indicator be tracked?
	Number of	# of downloads of x product from Resource Center	Country request to HQ		x Yes
Humanitaria	Number of humanitarian organisations	# of downloads of x product from Relief Web	Country request to HQ		□ Yes
n stakeholders	accessing IMPACT services/products	# of downloads of x product from Country level platforms	Country team	User_lo	□ Yes
are accessing IMPACT	Number of	# of page clicks on x product from REACH global newsletter	Country request to HQ	g	□ Yes
products	individuals accessing IMPACT services/products	# of page clicks on x product from country newsletter, sendingBlue, bit.ly	Country team		□ Yes
		# of visits to x webmap/x dashboard	Country request to HQ		□ Yes
IMPACT activities contribute to better program implementati	Number of humanitarian organisations	# references in HPC documents (HNO, SRP, Flash appeals, Cluster/sector strategies)	Country	Referen	[List here relevant HPC-documents to be monitored: E.g. Iraq HNO 2018, Iraq Flash Appeal Mosul, Shelter Cluster strategy]
on and coordination of the humanitaria n response	utilizing IMPACT services/products	# references in single agency documents	team	ce_log	[List here relevant agency-documents to be monitored: E.g. UNHCR Country Strategy, UNICEF WASH Response Strategy]
	Humanitarian actors use IMPACT evidence/product	Perceived relevance of IMPACT country-programs			[Outline here the usage survey to be implemented for this research cycle
	s as a basis for decision making,	Perceived usefulness and influence of IMPACT outputs			E.g. Usage survey to be conducted in
Humanitaria n stakeholders are using	aria aid planning and delivery	Recommendations to strengthen IMPACT programs	Country	Usage_ Feedba ck <i>and</i> Usage_	November 2017, following the release of x outputs, targeting at least 10 partners
IMPACT products	humanitarian documents	Perceived capacity of IMPACT staff Perceived quality of	lean	Survey templat e	E.g. Usage survey to
p. 044010	(HNO, HRP, cluster/agency strategic plans, etc.) directly informed by IMPACT products	outputs/programs Recommendations to strengthen IMPACT programs			be conducted at the end of the research cycle related to all outputs, targeting at least 20 partners]
Humanitaria n	Number and/or percentage of	# of organisations providing resources (i.e.staff, vehicles,	Country team		□ Yes

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stakeholders are engaged	humanitarian organizations	meeting space, budget, etc.) for activity implementation		
in IMPACT programs throughout	directly contributing to IMPACT	# of organisations/clusters inputting in research design and joint analysis	Engage	□ Yes
the research cycle	programs (providing resources, participating to presentations, etc.)	# of organisations/clusters attending briefings on findings;	ment_lo g	□ Yes