

Methodological Note

Shelter Cluster HRP 2023 Targeting and Budget Estimation

Background

This note explains how the Shelter Cluster (SC) Targets and Budget were calculated for the Humanitarian Response 2023 at the district level. The plan used activity-based costing adopted by the Humanitarian Country Team in Yemen.

Scope

The Shelter Cluster chapter in the HRP 2023 is prepared to highlight the response strategy for the protracted crisis in Yemen, which requires collective efforts to address the affected population's needs identified in the Humanitarian Needs Overview 2023. The plan articulates the shared vision of how to respond to the assessed and expressed needs of the affected population. This note outlines the cluster objectives, linked, as appropriate, to relevant specific objectives associated with strategic objectives, cluster activities, targets, and costing methodology.

Sources

To ensure the quality of data to inform the Shelter Cluster HRP analysis, the Shelter Cluster considered the Sectoral needs and severity analysis of the HNO 2023, Partners assessments, displacement & return estimates, natural disasters impact, protection vulnerabilities, humanitarian access, operational capacity, and HRP guide¹.

Limitations

- The activity targets at the district level should be considered indicative estimates². The targets should allow for providing guidance on which areas in Yemen to prioritize assistance for every activity. This will help to understand local Shelter and NFI needs, the response required, and the feasibility of the humanitarian intervention.
- The costing estimation was based on average prices in local or international markets. Lack of regular market assessment of rental and key NFI and Shelter materials challenged opportunities to understand fluctuations of prices in different locations across the country, the market situation and capacity, feasible implementation modalities, and inflation rates.

¹ [Humanitarian Response Plan: 2023 Humanitarian Program Cycle](#).

² Absence of comprehensive assessment that covered the entire IDP, returnee and vulnerable host communities, rapid change of context and access, new emergencies, and regular movement of IDPs.

Objectives & Activities:

Based on findings of sectoral needs analysis in the HNO 2023, sectoral objectives were developed and linked, as appropriate, to relevant specific objectives associated with strategic objectives and consistent with the targeted population groups/sub-groups, geographic locations, cross-cutting issues and themes (such as gender, disability and their impacts on sector interventions and context) and intended achievement of humanitarian outcomes.

The below table presents the cluster objectives, related strategic objectives and sub-objectives, and sectoral responses.

Relevant Objectives	Strategic Objectives	Relevant Strategic Sub-Objectives	Cluster Objectives	Cluster Activities
Strategic Objective 1: Reduce the mortality and morbidity among crisis-affected women, girls, boys, and men by providing timely, safe, and equitable life-saving humanitarian assistance.		Specific Objective 1.3: Reduce the adverse effects of climate change and natural and human-made disasters on affected people of all ages and genders, including newly displaced persons, through enhanced life-saving multi-sectoral response promptly.	Cluster Objective 1: Life-saving emergency shelter and NFI provided to the affected population, including those displaced by conflict, climate emergency, and natural disasters.	I. Distribution of Non-Food Items (NFI) Kits – Contingency II. Distribution of Emergency Shelter Kits – Contingency
			Cluster Objective 2: Ensure the protection of crisis-affected people from climate-related and natural disasters.	III. Provision of Mitigation and Support in response to Seasonal Climate Emergencies and Natural Disasters
Strategic Objective 2: Improve the resilience of crisis-affected vulnerable people of all ages and genders through increased safe, dignified, and adequate access to multi-sectoral response and durable solutions.		Specific Objective 2.1: Improve living standards and ensure safe access and dignity of vulnerable people of all ages and genders through providing livelihood, inclusive and quality essential services, and adequate multi-sectoral assistance.	Cluster Objective 3: Enhanced living conditions for IDPs in protracted crises, IDP returnees, and vulnerable host communities by providing durable shelter and NFI solutions, advancing their security of tenure, and minimizing environmental impact.	IV. Distribution of Non-Food Items (NFI) Kits – Regular V. Distribution of Emergency Shelter Kits – Localized VI. Provision of Rental Support VII. Provision of Shelter Maintenance and Upgrades VIII. Settlement Planning Support
		Specific Objective 2.2: Strengthen durable solutions, secure tenure, and resilience for displaced populations, returnees, most vulnerable host communities, refugees, and migrants through multi-sectoral initiatives.		IX. Provision of Transitional Shelters X. Provision of House Rehabilitation and Reconstruction

Response Analysis and Prioritization

The targeting criteria used include primarily sectoral needs and severity analysis of the HNO 2023, displacement & return data, natural disasters impact, vulnerabilities, humanitarian access, and operational capacity. The overall target is developed on the basis of cluster activity targets (Max value of the sum-up target of all Shelter activities and sum-up target of NFI-related activities). Populations targeted by different activities in the same location are counted only once.

The below table presents sectorial activities indicators and targeting calculation methodology.

Activity	Indicators ³	Target Estimation Methodology
Distribution of Non-Food Items	# of HHs reached with NFI Kits % of NFI kits distributed that meet environmental criteria	PIN was calculated from the HNO indicator: % of households without a sufficient quantity of non-food items People targeted estimated based on the following criteria (Category one receives the highest priority and category 4 lowest) <ol style="list-style-type: none"> 1. Accessible locations and protection vulnerability scores 4-5 (PC) 2. Accessible locations and protection vulnerability scores <4 or not specified 3. Hard to Reach locations (Partial Access) and protection vulnerability scores 4-5 4. Hard to Reach locations (Partial Access) and protection vulnerability scores <4
	# of contingency NFI kits prepositioned and distributed	NFI needs for projected displacements (based on RRM records from 2022/2021) + Flood Affected Population 2022 (SC Flood Tracking System).
	# of HHs provided renewable energy sources (for cooking, lighting etc)	Sum of the target of the first and second indicators – Marib's target as the population have access to electricity.
Distribution of Emergency Shelter Kits	# of HHs reached with localized emergency shelter kits % of shelter kits distributed that meet environmental criteria	PIN was calculated from the HNO indicator: % of households with inadequate shelter People targeted estimated based on the following criteria (Category one receives the highest priority and category 4 lowest) in areas currently hosting IDPs in sites: <ol style="list-style-type: none"> 1. Accessible locations and protection vulnerability scores 4-5 (PC) 2. Accessible locations and protection vulnerability scores <4 or not specified 3. Hard to Reach locations (Partial Access) and protection vulnerability scores 4-5 4. Hard to Reach locations (Partial Access) and protection vulnerability scores <4

³ If the target in certain districts is above the overall cluster PIN, then the PIN for the specific district is considered.

	# of contingency emergency shelter kits prepositioned and distributed	Emergency Shelter needs (50%) for projected displacements (based on RRM records from 2022/2021) + Flood Affected Population 2022 (SC Flood Tracking System).
Provision of Rental Support	# of HHs reached with rental support	<p>PIN was calculated from the HNO indicator: % of households in need of rental support</p> <p>People targeted estimated based on the following criteria (Category one receives the highest priority and category 4 lowest) in urban and semi-urban areas:</p> <ol style="list-style-type: none"> 1. Accessible locations and protection vulnerability scores 4-5 (PC) 2. Accessible locations and protection vulnerability scores <4 or not specified 3. Hard to Reach locations (Partial Access) and protection vulnerability scores 4-5 4. Hard to Reach locations (Partial Access) and protection vulnerability scores <4
Provision of Shelter Maintenance and Upgrades	# of HHs reached with shelter maintenance and upgrades in accordance with minimum standards % of shelter maintenance and upgrades that are conducted using an environmentally-friendly approach	<p>PIN was calculated from the HNO indicator: % of households with inadequate shelter</p> <p>People targeted estimated based on the indicator average needs for areas currently hosting IDPs in sites:</p> <ol style="list-style-type: none"> 1. Accessible locations 2. Hard to Reach locations (Partial Access)
	# of contingency Shelter Maintenance kits prepositioned and distributed	Shelter Maintenance needs (50%) for projected displacements (based on RRM records from 2022/2021) + Flood Affected Population 2022 (SC Flood Tracking System).
Provision of Transitional Shelters	# of HHs reached with transitional shelters	<p>PIN was calculated from the HNO indicator: % of households with inadequate shelter</p> <p>People targeted estimated based on the following criteria (Category one receives the highest priority and category 4 lowest) in areas currently hosting IDPs in sites:</p> <ol style="list-style-type: none"> 1. Accessible locations and HLP issues scores 1-2 2. Accessible locations and HLP issues scores >2 3. Hard to Reach locations (Partial Access) and HLP issues scores 1-2
Provision of House Rehabilitation and Reconstruction	# of HHs reached with house rehabilitation % of house rehabilitation that are conducted using an environmentally-friendly approach	<p>PIN was calculated from the HNO indicator: % of houses partially damaged or destroyed</p> <p>People targeted estimated based on the following criteria (Category one receives the highest priority and category 4 lowest) in areas witnessing return (DTM, UNHCR INAT/PMT 2021/2023):</p> <ol style="list-style-type: none"> 1. Accessible locations and HLP issues scores 1-2 2. Accessible locations and HLP issues scores >2

		3. Hard to Reach locations (Partial Access) and HLP issues scores 1-2
	# of HHs reached with house reconstruction % of house reconstruction that are conducted using an environmentally-friendly approach	PIN was calculated from the HNO indicator: % of houses partially damaged or destroyed People targeted estimated based on the following criteria (Category one receives the highest priority and category 4 lowest) in areas witnessing return (DTM, UNHCR INAT/PMT 2021/2023): 1. Accessible locations and HLP issues scores 1-2 2. Accessible locations and HLP issues scores >2
	# of HHs assisted with debris removal	Same as the house rehabilitation/reconstruction activities.
	# of returnee HHs provided with cash support to recover ownership documents	Same as the house rehabilitation/reconstruction activities.
Provision of Mitigation and Support in response to Seasonal Climate Emergencies and Natural Disasters	# of HHs reached with natural hazard mitigation	PIN was calculated from the HNO indicator: % of populated areas highly susceptible to floods People targeted estimated based on the indicator average needs for areas currently hosting IDPs in sites and prone to flooding: 1. Accessible locations 2. Hard to Reach locations (Partial Access)
	# of HHs reached with winterization support	PIN was calculated from the HNO indicator: Presence of extreme winter conditions People targeted estimated based for areas exposed to extreme winter temperatures: 1. Accessible locations and protection vulnerability scores 4-5 (PC) 2. Accessible locations and protection vulnerability scores <4 or not specified 3. Hard to Reach locations (Partial Access) and protection vulnerability scores 4-5 4. Hard to Reach locations (Partial Access) and protection vulnerability scores <4
Settlement Planning Support	# of settlements with improved minimum standards	PIN was calculated from the HNO indicator: % of women, girls, men, boys, and people with disabilities in overcrowded accommodation People targeted estimated based on the following criteria (Category one receives the highest priority and category 4 lowest) in areas currently hosting IDPs in sites: 1. Accessible locations and HLP issues scores 1-2 2. Accessible locations and HLP issues scores >2

Costing Methodology

The method used to estimate cluster budget requirements is activity-based costing. The costing drivers include the operating environment features, target population, needs, and appropriate response modalities. The budget considered the cost of assessment, monitoring, and evaluation activities at the sector level, as appropriate. Sources of activities costing include:

1. Endorsed BOQs and/or costing estimation by the relevant cluster technical working groups (precisely NFI, Shelter, and Cash for Rent TWiGs).
2. Assessments implemented by cluster partners.
3. Partners Projects in 2022.
4. Plus 20% operational/support cost
5. Rental costs included a 20% inflation rate.

Response Monitoring

The Shelter Cluster partners have internal organizational monitoring frameworks and reporting templates. However, at the cluster level, five main tools will generally be used throughout the programme cycle:

- Monthly 5Ws, in which partners report on completed activities,
- 4Ws reporting on planned activities and regular and contingency stock tracking. This enables the Cluster to track progress monthly toward achieving targets and outcome-level objectives.
- Fund mapping is followed up by the cluster quarterly.
- Post Distribution Monitoring (PDM) to help assess beneficiaries' satisfaction and measure the impact of the response. Results will help inform lessons learned and adjustments to future strategies.
- Market assessment to have regular updates on geographical rental markets and the cost of shelter materials and NFIs.

Annex I: List of Activities and indicators

Cluster Activity	Indicator
Distribution of Non-Food Items	# of HHs reached with NFI Kits
	% of NFI kits distributed that meet environmental criteria
	# of HHs provided renewable energy sources (for cooking, lighting etc)
Distribution of Emergency Shelter Kits	# of contingency NFI kits prepositioned and distributed
	# of HHs reached with localized emergency shelter kits
	% of shelter kits distributed that meet environmental criteria
Provision of Rental Support	# of contingency emergency shelter kits prepositioned and distributed
	# of HHs reached with rental support
Provision of Shelter Maintenance and Upgrades	# of HHs reached with shelter maintenance and upgrades in accordance with minimum standards
	% of shelter maintenance and upgrades that are conducted using an environmentally-friendly approach
	# of contingency Shelter Maintenance kits prepositioned and distributed
Provision of Transitional Shelters	# of HHs reached with transitional shelters
Provision of House Rehabilitation and Reconstruction	# of HHs reached with house rehabilitation
	% of house rehabilitation that are conducted using an environmentally-friendly approach
	# of HHs reached with house reconstruction
	% of house reconstruction that are conducted using an environmentally-friendly approach
	# of HHs assisted with debris removal
Provision of Mitigation and Support in response to Seasonal Climate Emergencies and Natural Disasters	# of returnee HHs provided with cash support to recover ownership documents
	# of HHs reached with natural hazard mitigation
Settlement Planning Support	# of HHs reached with winterization support
	# of settlements with improved minimum standards