

Malawi National Adaptation Plan

Social Sector M&R Framework and Indicator Definition Sheets (IDS)



Ministry of Natural Resources

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Social Sector Indicators

STRATEGY 1: HEALTHCARE SYSTEM STRENGTHENING

Adaptation Action 1: Upgrade health facilities in flood, heat and cyclone prone areas to withstand climate extremes and service disruptions

Objective: Build climate-resilient health services capable of responding to climate-induced disease outbreaks, malnutrition, and post-disaster health needs.

Indicator Level	Indicator	Baseline	Target	Metric	Means of Verification
Output	% of health facilities in flood, heat and cyclone prone areas upgraded to climate-resilient standards	12% (2025)	60% by 2030	% of total facilities	MoH Infrastructure Audits, DHIS2 Reports
Outcome	% of facilities maintaining functionality during extreme weather events	50%	85% by 2030	% of total	Disaster impact reports, MoH records
Impact	Reduction in climate-related health service disruptions	High (2025)	70% reduction by 2040	Number of disruption days/year	Annual Health Sector Resilience Reports

Adaptation Action 2: Implement climate-risk-focused community health preparedness campaigns for floods, heatwaves and disease outbreaks.

Objective: Enhance community resilience to climate-induced health impacts.

Indicator Level	Indicator	Baseline	Target	Metric	Means of Verification
Output	Number of climate-risk-focused community health preparedness campaigns conducted in schools/communities	TBD	500 by 2030	Count	DoDMA and MoH campaign logs
Outcome	% of communities showing improved health preparedness	10%	70% by 2030	% of surveyed communities	KAP surveys
Impact	Improved socio-economic stability in disaster-prone communities	TBD	60% increase by 2040	Resilience index score	Social vulnerability assessments

Adaptation Action 3: Pre-position emergency medical and nutrition supplies in flood prone districts.

Objective: Ensure uninterrupted availability of critical medicines and nutrition supplies during climate-induced emergencies to reduce mortality, morbidity, and service disruption in disaster-prone areas.

Indicator Level	Indicator Name	Baseline	Target (2030)	Metric	Means of Verification (MoV)
Output	Number of facilities supplied with emergency medical and nutrition in disaster-prone districts	3 (2025)	28 districts by 2030	Count	DoDMA and MoH stockpile inventories; warehouse audits

Outcome	% of affected population reached with emergency medical and nutrition supplies within 72 hours of a disaster	40%	90%	%	Post-disaster response reports; health logistics tracking systems
Impact	Reduction in climate-related mortality and morbidity during emergencies	High (baseline from 2025 emergency response stats)	≥70% reduction by 2040	% change	Health Management Information System (HMIS); emergency health surveillance reports

Adaptation Action 4: Establish climate-linked disease and heatwave early warning systems.

Objective: Ensure the health sector is prepared for climate related disease outbreaks

Indicator Level	Indicator Name	Baseline	Target (2030)	Metric	Means of Verification (MoV)
Output	Climate – linked disease and heatwave early warning system available in all district hospitals	0	28 districts by 2030	Count	DCCMS and MoH
Outcome	% of medical personnel reached with the CLD&H EW tool	0%	90%	%	MoH
Impact	Reduction in climate-related mortality and morbidity during emergencies	High (baseline from 2025 emergency response stats)	≥70% reduction by 2040	% change	Health Management Information System (HMIS); emergency health surveillance reports

STRATEGY 2: LIVELIHOOD DIVERSIFICATION

Adaptation Action 5: Promote climate-resilient eco-tourism in degraded or climate-affected landscape

Objective: Improve food security, nutrition, and sustainable rural development by diversifying income through climate-resilient eco-tourism ventures.

Indicator Level	Indicator Name	Baseline	Target (2030)	Metric	Means of Verification (MoV)
Output	Number of eco-tourism ventures established in degraded or climate-affected landscape	5 (2025)	200 by 2030	Count	MoT survey reports; local government development records
Outcome	% increase in income for participating households from eco-tourism	Baseline avg. MWK 60,000/year	≥150% increase (MWK 150,000+)	MWK	Household income tracking; community benefit-sharing audits
Impact	% reduction in climate-induced livelihood stress (e.g. food insecurity, migration)	TBD	≥60% reduction by 2040	%	Livelihood vulnerability assessments; NSO and MoAI data

Adaptation Action 6: Facilitate market linkages for non-agricultural products

Objective: Enhance sustainability of diversified rural economies.

Indicator Level	Indicator	Baseline	Target	Metric	Means of Verification
Output	Number of market linkage agreements facilitated	0	100 by 2030	Count	MoIT/MoL signed contracts
Outcome	% increase in income from non-agricultural products	MWK 50,000 avg.	MWK 150,000 avg. by 2030	MWK	Household income surveys

Impact	% of rural households relying on multiple income streams	25%	70% by 2040	%	National livelihood surveys
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Adaptation Action 7: Facilitate Best Practices for Climate-Smart Agriculture to Women-Led Agriculture Cooperatives

Objective: Improve resilience and productivity of women-led cooperatives through the adoption of climate-smart agriculture (CSA) practices.

Indicator Level	Indicator Name	Baseline	Target (2030)	Metric	Means of Verification (MoV)
Output	Number of women-led agriculture cooperatives trained in CSA practices	TBD	1,200 cooperatives by 2030	Count	MoAI, MoGCDSW, and NGO training reports
Outcome	% of trained cooperatives applying at least 3 CSA practices	15%	≥80%	%	Post-training adoption surveys; extension officer reports
Impact	Increase in yield stability and income among women-led farms	Low baseline (variable yields)	≥60% increase in income and productivity by 2040	MWK; tons/ha	Agricultural performance reports; NSO income surveys

STRATEGY 3: SOCIAL SAFETY NETS

Adaptation Action 8: Expand shock-responsive cash-for-work triggered by floods, droughts and food insecurity

Objective: Protect vulnerable populations during climate shocks.

Indicator Level	Indicator	Baseline	Target	Metric	Means of Verification
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Output	Number of households receiving cash/in-kind support for flood/drought and food security cases	70,000	300,000 by 2030	Count	SCTP/DoDMA records
Outcome	% of vulnerable households able to meet basic needs during shocks	45%	85% by 2030	%	Post-distribution monitoring
Impact	Reduced rate of climate-related destitution and migration	High	50% reduction by 2040	%	Migration/displacement tracking

Adaptation Action 9: Establish climate shock contingency funds for rapid disaster response.

Objective: Ensure timely funding for disaster response and recovery.

Indicator Level	Indicator	Baseline	Target	Metric	Means of Verification
Output	Number of districts with functional climate shock contingency funds	2	28 by 2030	Count	MoF/DoDMA fiscal reports
Outcome	Average time between disaster event and fund disbursement	60 days	≤14 days by 2030	Days	Emergency finance audit
Impact	% of emergency disaster response plans fully funded during climate disasters	20%	90% by 2040	%	National DRM audit reports

Adaptation Action 10: Improve the sensitivity of SCTP to lifecycle vulnerabilities and seasonal shocks

Objective: Ensure predictable, needs-based support for vulnerable groups year-round.

Indicator Level	Indicator	Baseline	Target	Metric	Means of Verification
Output	% of SCTP beneficiaries with tailored seasonal/lifecycle support	10%	80% by 2030	%	SCTP registry and analysis

Outcome	% of lifecycle-vulnerable groups reporting improved well-being	30%	75% by 2030	%	Beneficiary well-being surveys
Impact	Reduction in intergenerational poverty and malnutrition	High	60% reduction by 2040	Poverty/nutrition index	NSO longitudinal studies, DHS

STRATEGY 4: RESILIENT AND INCLUSIVE SCHOOL INFRASTRUCTURE DEVELOPMENT

Adaptation Action 11: Construct and retrofit school infrastructure using climate-resilient and disaster-proof designs in vulnerable districts

Objective: Safeguard education continuity in the face of climate shocks.

Indicator Level	Indicator	Baseline	Target	Metric	Means of Verification
Output	% of new classrooms built with climate-resilient standards	5%	100% of 3,000 classrooms by 2030	%	MoE infrastructure audits
Outcome	% reduction in climate-related school closures	25%	80% by 2030	%	MoE incident and closure reports
Impact	Improved educational access and performance under climate stress	Moderate	60% improvement in vulnerable districts by 2040	Completion and pass rates	EMIS, MoE reports

STRATEGY 5: EMERGENCY PREPAREDNESS PLANS

Adaptation Action 12: Draft contingency and evacuation plans per district

Indicator Level	Indicator	Baseline	Target	Metric	Means of Verification
Output	District contingency and evacuation plans developed and approved	8 districts	28 districts	Number of plans	Approved district plans; DoDMA registry
Outcome	District disaster responses guided by approved contingency plans	<30%	≥85%	% of emergency responses using plans	Post-event reviews; district emergency reports
Impact	Reduction in casualties during climate-related emergencies	90%	30% reduction	% reduction in deaths/injuries	DoDMA disaster impact database; NSO mortality records

Adaptation Action 13: Equip emergency shelters with water, power and medical supplies

Indicator Level	Indicator	Baseline	Target	Metric	Means of Verification
Output	Emergency shelters fully equipped	25 shelters	150 shelters	Number of shelters	Shelter audit reports; district inventories
Outcome	Shelters operational during disasters	40%	≥90%	% of shelters functional during events	Emergency operation reports
Impact	Population safely accommodated during emergencies	45%	≥85%	% of displaced people sheltered	DoDMA displacement and shelter reports

Adaptation Action 14: Train local disaster preparedness teams

Indicator Level	Indicator	Baseline	Target	Metric	Means of Verification
Output	Community and district disaster teams trained	600 persons	4,000 persons	Number of personnel	Attendance registers; certificates
Outcome	Timely and coordinated local disaster response	35%	≥80%	% of responses rated effective	After-action reviews
Impact	Reduction in response time to climate shocks	120 minutes	<45 minutes	Minutes	Incident response logs

STRATEGY 6: INTERNAL DISPLACEMENT

Adaptation Action 15: Identify vulnerable groups through household surveys

Indicator Level	Indicator	Baseline	Target	Metric	Means of Verification
Output	Household displacement and vulnerability surveys conducted	5	28	Number of districts	Survey datasets; NSO publications
Outcome	Displacement planning informed by disaggregated data	<20%	≥80%	% of district plans using survey data	District plans; DoDMA planning reviews
Impact	Reduced vulnerability among repeatedly displaced households	30%	≥70%	% of IDP households receiving targeted support	Social protection and IDP assistance records

Adaptation Action 16: Expand climate-resilient WASH systems in IDP reception areas

Indicator Level	Indicator	Baseline	Target	Metric	Means of Verification
Output	IDP reception sites with resilient WASH facilities	12 sites	80 sites	Number of sites	Infrastructure completion reports

Outcome	IDPs with sustained access to safe water and sanitation	50%	≥90%	% of IDPs	Camp WASH monitoring data
Impact	Reduction in WASH-related disease outbreaks in IDP sites	90%	60% reduction	% reduction	MoH surveillance data; DHIS2

STRATEGY 7: MIGRANTS IN VULNERABLE SITUATIONS

Adaptation Action 17: Strengthen evidence-based planning for climate mobility

Indicator Level	Indicator	Baseline	Target	Metric	Means of Verification
Output	Climate mobility and protection planning tools developed	0	4 tools	Number of tools/guidelines	Policy and guidance documents
Outcome	National and district plans integrating mobility risks	10%	≥70%	% of plans	Sector plans; policy reviews
Impact	Reduced exposure of migrants to climate-related risks	90%	40% reduction	% of migrant households in high-risk locations	Household surveys; NSO data

STRATEGY 8: TRAPPED POPULATIONS

Adaptation Action 18: Promote local employment opportunities in high-risk areas

Level	Indicator	Baseline	Target	Metric	Means of Verification
Output	Climate-vulnerable people engaged in local employment	6,000 persons	50,000 persons	Number of beneficiaries	Programme beneficiary registers
Outcome	Household income diversification among trapped populations	25%	≥60%	% of households with ≥2 income sources	Household surveys

Impact	Reduced distress migration and immobility risks	90%	35% reduction	% of households reporting inability to relocate	NSO vulnerability assessments
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Adaptation Action 19: Support skills development and market access

Level	Indicator	Baseline	Target	Metric	Means of Verification
Output	People trained and linked to markets	3,000	30,000	Number of beneficiaries	Training completion and linkage records
Outcome	Employment or self-employment rate among trainees	30%	≥70%	% employed	Tracer studies
Impact	Increased adaptive capacity of trapped populations	10%	25% increase	% households above national poverty line	NSO poverty surveys

STRATEGY 9: PASTORALISM AND TRANSHUMANCE

Adaptation Action 20: Strengthen evidence and monitoring of pastoralism and transhumance

Level	Indicator	Baseline	Target	Metric	Means of Verification
Output	Pastoral mobility and grazing routes mapped	0	10 products	Number of maps/databases	GIS databases; MoA publications
Outcome	Use of pastoral data in land-use and disaster planning	5%	≥60%	% of relevant plans	District land-use plans
Impact	Reduced conflict and loss associated with mobility	90%	40% reduction	% reduction in reported incidents	Police and district conflict records

STRATEGY 10: DIASPORA

Adaptation Action 21: Leverage diaspora capacities for climate adaptation

Level	Indicator	Baseline	Target	Metric	Means of Verification
Output	Adaptation projects supported by diaspora	3 projects	40 projects	Number of projects	Project databases
Outcome	Volume of diaspora finance and skills mobilised	MWK 500 million	MWK 10 billion	MWK equivalent	Financial reports; partnership MOUs
Impact	Improved resilience outcomes in supported communities	10%	≥70%	% of supported communities meeting resilience benchmarks	Community resilience assessments

STRATEGY 11: PLANNED RELOCATION

Adaptation Action 22: Promote participatory planned relocation in flood-prone districts

Level	Indicator	Baseline	Target	Metric	Means of Verification
Output	Households relocated using participatory processes	500 households	8,000 households	Number of households	Relocation programme records
Outcome	Satisfaction and acceptance of relocation processes	40%	≥85%	% of relocated households satisfied	Post-relocation surveys
Impact	Reduction in repeated displacement in Lower Shire Basin	90%	70% reduction	% reduction	DoDMA displacement database

STRATEGY 12: REFUGEES

Adaptation Action 23: Extend climate-resilient shelters and solar-water systems to refugee camps

Level	Indicator	Baseline	Target	Metric	Means of Verification
Output	Refugee camps with climate-resilient shelters and solar-water systems	1 camp	6 camps	Number of camps	UNHCR infrastructure completion reports
Outcome	Refugees with reliable shelter, water and energy access	45%	≥90%	% of refugee population	Camp service monitoring systems
Impact	Reduced climate-related humanitarian emergencies in camps	90%	60% reduction	Number of emergency incidents per year	UNHCR incident and response reports

Social Sector – Indicator Definition Sheets

The Social Sector IDSs provide a consistent framework for assessing whether Malawi's adaptation interventions are reducing climate vulnerability and strengthening the resilience of vulnerable populations and communities.

Each IDS sets out the technical definition of the indicator, its measurement methodology, baseline and target, data requirements, means of verification, disaggregation, reporting frequency and institutional responsibility.

Particular attention is given to tracking the distributional effects of adaptation, including differences by sex, age, disability, location and other relevant vulnerability characteristics, so that NAP implementation can demonstrate whether adaptation benefits are reaching those most exposed and least able to cope with climate impacts.

STRATEGY 1: HEALTHCARE SYSTEM STRENGTHENING

Adaptation Action 1: Upgrade health facilities in flood, heat and cyclone prone areas to withstand climate extremes and service disruptions

Objective: Build climate-resilient health services capable of responding to climate-induced disease outbreaks, malnutrition, and post-disaster health needs.

IDS 01 — Output: % of health facilities in flood, heat and cyclone prone areas upgraded to climate-resilient standards

Field	Description
Indicator Level	Output
Indicator Name	% of health facilities in flood, heat and cyclone prone areas upgraded to climate-resilient standards
Indicator Definition	Percentage of the defined eligible population or units that meet the criterion represented by “% of health facilities in flood, heat and cyclone prone areas upgraded to climate-resilient standards” during the reporting period.
Purpose / Relevance to Adaptation	Tracks implementation scale and delivery of Adaptation Action 1, showing whether the planned intervention is being put in place at the required coverage.
Metric / Unit of Measurement	% of total facilities
Calculation Method	Define the eligible population/unit universe for the reporting period, count those meeting the indicator criterion, divide by the total eligible population/units with valid status, and multiply by 100.
Formula	$(\text{Number meeting criterion} \div \text{Total eligible population/units}) \times 100$
Numerator	Number of eligible people/households/units meeting the indicator criterion.

Field	Description
Denominator	Total eligible people/households/units assessed in the same reporting period.
Baseline	12% (2025)
Baseline Year	2025
Target	60% by 2030
Target Year	2030
Data Source(s)	Primary administrative, survey or monitoring records underlying the source-specified means of verification: MoH Infrastructure Audits, DHIS2 Reports.
Means of Verification	MoH Infrastructure Audits, DHIS2 Reports
Data Collection Method	Extract or survey the numerator and denominator populations using the same eligibility criteria and reference period; validate completeness, calculate the percentage, and retain disaggregated numerator/denominator counts.
Disaggregation	District/location; sex; age group; disability status; vulnerable-group category; climate hazard or intervention type where relevant.
Reporting Frequency	Quarterly implementation tracking, consolidated annually.
Responsible Institution(s)	Proposed lead: Ministry responsible for Health (MoH); supporting: district health offices, health-facility managers and DoDMA.
Data Quality / Verification	Verify that numerator and denominator refer to the same eligible population, geography and reporting period; test denominator completeness, duplicates and missing values; replicate calculations from source records.
Methodological Notes / Assumptions	The eligible denominator must be explicitly defined and held consistent across reporting periods; exclusions and missing observations should be reported.
Link to Adaptation Result	Provides implementation evidence for climate-resilient health facilities and continuity of essential health services during extreme weather.

IDS 02— Outcome: % of facilities maintaining functionality during extreme weather events

Field	Description
Indicator Level	Outcome
Indicator Name	% of facilities maintaining functionality during extreme weather events
Indicator Definition	Percentage of the defined eligible population or units that meet the criterion represented by “% of facilities maintaining functionality during extreme weather events” during the reporting period.
Purpose / Relevance to Adaptation	Assesses whether implementation of Adaptation Action 1 is producing the intended near- to medium-term change in access, preparedness, behaviour, service performance or livelihood resilience.
Metric / Unit of Measurement	% of total

Field	Description
Calculation Method	Define the eligible population/unit universe for the reporting period, count those meeting the indicator criterion, divide by the total eligible population/units with valid status, and multiply by 100.
Formula	$(\text{Number meeting criterion} \div \text{Total eligible population/units}) \times 100$
Numerator	Number of eligible people/households/units meeting the indicator criterion.
Denominator	Total eligible people/households/units assessed in the same reporting period.
Baseline	50%
Baseline Year	2025
Target	85% by 2030
Target Year	2030
Data Source(s)	Primary administrative, survey or monitoring records underlying the source-specified means of verification: Disaster impact reports, MoH records.
Means of Verification	Disaster impact reports, MoH records
Data Collection Method	Extract or survey the numerator and denominator populations using the same eligibility criteria and reference period; validate completeness, calculate the percentage, and retain disaggregated numerator/denominator counts.
Disaggregation	District/location; sex; age group; disability status; vulnerable-group category; climate hazard or intervention type where relevant.
Reporting Frequency	Event-based after relevant climate/disaster events, with annual consolidation and reporting.
Responsible Institution(s)	Proposed lead: Ministry responsible for Health (MoH); supporting: district health offices, health-facility managers and DoDMA.
Data Quality / Verification	Verify that numerator and denominator refer to the same eligible population, geography and reporting period; test denominator completeness, duplicates and missing values; replicate calculations from source records.
Methodological Notes / Assumptions	The eligible denominator must be explicitly defined and held consistent across reporting periods; exclusions and missing observations should be reported.
Link to Adaptation Result	Shows whether implementation is translating into climate-resilient health facilities and continuity of essential health services during extreme weather.

Field	Description
Indicator Level	Impact
Indicator Name	Reduction in climate-related health service disruptions
Indicator Definition	Relative reduction in the annual number of days when climate-related events cause partial or full interruption of health services in the defined reporting facilities.
Purpose / Relevance to Adaptation	Measures the higher-order adaptation result associated with Adaptation Action 1, indicating whether climate vulnerability, disruption, loss or exposure is decreasing, or resilience is improving.
Metric / Unit of Measurement	Number of disruption days/year; percentage reduction from the 2025 reference for target tracking
Calculation Method	Establish the numeric 2025 reference using the stated definition and source data, measure the current value using the same method, and calculate the relative decrease from baseline.
Formula	$((2025 \text{ baseline value} - \text{Current value}) \div 2025 \text{ baseline value}) \times 100$
Numerator	Difference between the 2025 baseline value and the current value.
Denominator	Numeric 2025 baseline value for the same indicator measure.
Baseline	High (2025)
Baseline Year	2025
Target	70% reduction by 2040
Target Year	2040
Data Source(s)	Primary administrative, survey or monitoring records underlying the source-specified means of verification: Annual Health Sector Resilience Reports.
Means of Verification	Annual Health Sector Resilience Reports
Data Collection Method	Establish the 2025 reference dataset, collect the current-period value using the same protocol, calculate relative change, and document contextual factors (hazard intensity, population exposure, programme coverage) that may affect comparability.
Disaggregation	District/location; sex; age group; disability status; vulnerable-group category; climate hazard or intervention type where relevant.
Reporting Frequency	Annual.
Responsible Institution(s)	Proposed lead: Ministry responsible for Health (MoH); supporting: district health offices, health-facility managers and DoDMA.
Data Quality / Verification	Freeze the baseline definition and value before trend analysis; apply the same measurement method in all periods; check numerator/denominator comparability and document any changes in hazard severity, exposure or data coverage that could affect comparability.

Field	Description
Methodological Notes / Assumptions	The source baseline is qualitative while the target requires quantitative tracking. Retain the qualitative baseline in reporting, but establish and document a numeric 2025 reference measure using the stated metric before calculating progress or percentage change. Percentage change is interpreted as relative change from the 2025 baseline unless the source framework explicitly defines a percentage-point change.
Link to Adaptation Result	Demonstrates contribution toward climate-resilient health facilities and continuity of essential health services during extreme weather.

Adaptation Action 2: Implement climate-risk-focused community health preparedness campaigns for floods, heatwaves and disease outbreaks.

Objective: Enhance community resilience to climate-induced health impacts.

IDS 04— Output: Number of climate-risk-focused community health preparedness campaigns conducted in schools/communities

Field	Description
Indicator Level	Output
Indicator Name	Number of climate-risk-focused community health preparedness campaigns conducted in schools/communities
Indicator Definition	Count of distinct eligible units represented by “Number of climate-risk-focused community health preparedness campaigns conducted in schools/communities” that meet the documented completion/qualification criterion by the end of the reporting period.
Purpose / Relevance to Adaptation	Tracks implementation scale and delivery of Adaptation Action 2, showing whether the planned intervention is being put in place at the required coverage.
Metric / Unit of Measurement	Count
Calculation Method	Compile the eligible source records, apply the documented qualification/completion criteria, de-duplicate entities and count distinct qualifying units as of the reporting date.
Formula	Count = Σ qualifying unique units
Numerator	Number of distinct units meeting the indicator criterion.
Denominator	Not applicable (count indicator).
Baseline	TBD
Baseline Year	2025
Target	500 by 2030
Target Year	2030
Data Source(s)	Primary administrative, survey or monitoring records underlying the source-specified means of verification: DoDMA and MoH campaign logs.
Means of Verification	DoDMA and MoH campaign logs

Field	Description
Data Collection Method	Extract unit-level records from the listed source systems/registers, verify that each unit meets the operational criterion and reporting-period rule, de-duplicate, and aggregate by district and other required disaggregation.
Disaggregation	District/location; sex; age group; disability status; household vulnerability/poverty category; urban/rural setting; climate hazard where relevant.
Reporting Frequency	Quarterly implementation tracking, consolidated annually.
Responsible Institution(s)	Proposed lead: Ministry responsible for Health (MoH); supporting: DoDMA, district councils, schools and community health structures.
Data Quality / Verification	Use unique identifiers and documented eligibility/completion criteria; remove duplicates; reconcile reported counts with registers, audit records and district/facility totals; retain an audit trail for additions and corrections.
Methodological Notes / Assumptions	The source baseline is retained as TBD. A numeric 2025 baseline must be established from the specified source records using this IDS definition before change against baseline is reported. Unless the reporting framework specifies an annual-flow target, count values should be reported cumulatively as of the reporting date, with a separate annual increment available for management use.
Link to Adaptation Result	Provides implementation evidence for community preparedness for climate-sensitive health risks and reduced vulnerability to floods, heatwaves and outbreaks.

IDS 05— Outcome: % of communities showing improved health preparedness

Field	Description
Indicator Level	Outcome
Indicator Name	% of communities showing improved health preparedness
Indicator Definition	Percentage of the defined eligible population or units that meet the criterion represented by “% of communities showing improved health preparedness” during the reporting period.
Purpose / Relevance to Adaptation	Assesses whether implementation of Adaptation Action 2 is producing the intended near- to medium-term change in access, preparedness, behaviour, service performance or livelihood resilience.
Metric / Unit of Measurement	% of surveyed communities
Calculation Method	Define the eligible population/unit universe for the reporting period, count those meeting the indicator criterion, divide by the total eligible population/units with valid status, and multiply by 100.
Formula	$(\text{Number meeting criterion} \div \text{Total eligible population/units}) \times 100$
Numerator	Number of eligible people/households/units meeting the indicator criterion.

Field	Description
Denominator	Total eligible people/households/units assessed in the same reporting period.
Baseline	10%
Baseline Year	2025
Target	70% by 2030
Target Year	2030
Data Source(s)	Primary administrative, survey or monitoring records underlying the source-specified means of verification: KAP surveys.
Means of Verification	KAP surveys
Data Collection Method	Extract or survey the numerator and denominator populations using the same eligibility criteria and reference period; validate completeness, calculate the percentage, and retain disaggregated numerator/denominator counts.
Disaggregation	District/location; sex; age group; disability status; vulnerable-group category; climate hazard or intervention type where relevant.
Reporting Frequency	Annual.
Responsible Institution(s)	Proposed lead: Ministry responsible for Health (MoH); supporting: DoDMA, district councils, schools and community health structures.
Data Quality / Verification	Verify that numerator and denominator refer to the same eligible population, geography and reporting period; test denominator completeness, duplicates and missing values; replicate calculations from source records.
Methodological Notes / Assumptions	The eligible denominator must be explicitly defined and held consistent across reporting periods; exclusions and missing observations should be reported.
Link to Adaptation Result	Shows whether implementation is translating into community preparedness for climate-sensitive health risks and reduced vulnerability to floods, heatwaves and outbreaks.

IDS 06 — Impact: Improved socio-economic stability in disaster-prone communities

Field	Description
Indicator Level	Impact
Indicator Name	Improved socio-economic stability in disaster-prone communities
Indicator Definition	Change in a consistently constructed socio-economic resilience index for disaster-prone communities, capturing the selected dimensions of stability used in the social vulnerability assessment.
Purpose / Relevance to Adaptation	Measures the higher-order adaptation result associated with Adaptation Action 2, indicating whether climate vulnerability, disruption, loss or exposure is decreasing, or resilience is improving.
Metric / Unit of Measurement	Resilience index score; percentage increase from the 2025 reference
Calculation Method	Establish the numeric 2025 reference using the stated definition and source data, measure the current value using the same method, and calculate the relative increase from baseline.
Formula	$((\text{Current value} - \text{2025 baseline value}) \div \text{2025 baseline value}) \times 100$
Numerator	Difference between the current value and the 2025 baseline value.
Denominator	Numeric 2025 baseline value for the same indicator measure.
Baseline	TBD
Baseline Year	2025
Target	60% increase by 2040
Target Year	2040
Data Source(s)	Primary administrative, survey or monitoring records underlying the source-specified means of verification: Social vulnerability assessments.
Means of Verification	Social vulnerability assessments
Data Collection Method	Establish the 2025 reference dataset, collect the current-period value using the same protocol, calculate relative change, and document contextual factors (hazard intensity, population exposure, programme coverage) that may affect comparability.
Disaggregation	District/location; sex; age group; disability status; vulnerable-group category; climate hazard or intervention type where relevant.
Reporting Frequency	Event-based after relevant climate/disaster events, with annual consolidation and reporting.
Responsible Institution(s)	Proposed lead: Ministry responsible for Health (MoH); supporting: DoDMA, district councils, schools and community health structures.

Field	Description
Data Quality / Verification	Freeze the baseline definition and value before trend analysis; apply the same measurement method in all periods; check numerator/denominator comparability and document any changes in hazard severity, exposure or data coverage that could affect comparability.
Methodological Notes / Assumptions	The source baseline is retained as TBD. A numeric 2025 baseline must be established from the specified source records using this IDS definition before change against baseline is reported. Percentage change is interpreted as relative change from the 2025 baseline unless the source framework explicitly defines a percentage-point change.
Link to Adaptation Result	Demonstrates contribution toward community preparedness for climate-sensitive health risks and reduced vulnerability to floods, heatwaves and outbreaks.

Adaptation Action 3: Pre-position emergency medical and nutrition supplies in flood prone districts.

Objective: Ensure uninterrupted availability of critical medicines and nutrition supplies during climate-induced emergencies to reduce mortality, morbidity, and service disruption in disaster-prone areas.

IDS 07 — Output: Number of facilities supplied with emergency medical and nutrition in disaster-prone districts

Field	Description
Indicator Level	Output
Indicator Name	Number of facilities supplied with emergency medical and nutrition in disaster-prone districts
Indicator Definition	Count of distinct eligible units represented by “Number of facilities supplied with emergency medical and nutrition in disaster-prone districts” that meet the documented completion/qualification criterion by the end of the reporting period.
Purpose / Relevance to Adaptation	Tracks implementation scale and delivery of Adaptation Action 3, showing whether the planned intervention is being put in place at the required coverage.
Metric / Unit of Measurement	Count
Calculation Method	Count distinct disaster-prone health facilities meeting the emergency medical-and-nutrition supply standard. In parallel, count districts with at least one qualifying facility so progress can be compared with the source target expressed in districts.
Formula	Facility count = Σ qualifying supplied facilities; District coverage count = Σ districts with ≥ 1 qualifying supplied facility
Numerator	Number of qualifying supplied facilities; and, for target comparison, number of districts with at least one such facility.
Denominator	Not applicable for counts.

Field	Description
Baseline	3 (2025)
Baseline Year	2025
Target	28 districts by 2030
Target Year	2030
Data Source(s)	Primary administrative, survey or monitoring records underlying the source-specified means of verification: DoDMA and MoH stockpile inventories; warehouse audits.
Means of Verification	DoDMA and MoH stockpile inventories; warehouse audits
Data Collection Method	Extract unit-level records from the listed source systems/registers, verify that each unit meets the operational criterion and reporting-period rule, de-duplicate, and aggregate by district and other required disaggregation.
Disaggregation	District/location; facility/site type; climate hazard; implementation/operational status; population group served where relevant.
Reporting Frequency	Event-based after relevant climate/disaster events, with annual consolidation and reporting.
Responsible Institution(s)	Proposed lead: Ministry responsible for Health (MoH); supporting: DoDMA, district health offices and health logistics/warehouse units.
Data Quality / Verification	Use unique identifiers and documented eligibility/completion criteria; remove duplicates; reconcile reported counts with registers, audit records and district/facility totals; retain an audit trail for additions and corrections.
Methodological Notes / Assumptions	Unless the reporting framework specifies an annual-flow target, count values should be reported cumulatively as of the reporting date, with a separate annual increment available for management use. The source indicator counts facilities, while the target is expressed as 28 districts. For defensible target tracking, report both the number of supplied facilities and the number of districts with at least one qualifying supplied facility; do not reinterpret or replace the source target.
Link to Adaptation Result	Provides implementation evidence for timely access to emergency medical and nutrition supplies during climate-induced emergencies.

IDS 08 — Outcome: % of affected population reached with emergency medical and nutrition supplies within 72 hours of a disaster

Field	Description
Indicator Level	Outcome
Indicator Name	% of affected population reached with emergency medical and nutrition supplies within 72 hours of a disaster
Indicator Definition	Percentage of the defined eligible population or units that meet the criterion represented by “% of affected population reached with emergency medical and nutrition supplies within 72 hours of a disaster” during the reporting period.
Purpose / Relevance to Adaptation	Assesses whether implementation of Adaptation Action 3 is producing the intended near- to medium-term change in access, preparedness, behaviour, service performance or livelihood resilience.
Metric / Unit of Measurement	%
Calculation Method	Define the eligible population/unit universe for the reporting period, count those meeting the indicator criterion, divide by the total eligible population/units with valid status, and multiply by 100.
Formula	$(\text{Number meeting criterion} \div \text{Total eligible population/units}) \times 100$
Numerator	Number of eligible people/households/units meeting the indicator criterion.
Denominator	Total eligible people/households/units assessed in the same reporting period.
Baseline	40%
Baseline Year	2025
Target	90%
Target Year	2030
Data Source(s)	Primary administrative, survey or monitoring records underlying the source-specified means of verification: Post-disaster response reports; health logistics tracking systems.
Means of Verification	Post-disaster response reports; health logistics tracking systems
Data Collection Method	Extract or survey the numerator and denominator populations using the same eligibility criteria and reference period; validate completeness, calculate the percentage, and retain disaggregated numerator/denominator counts.
Disaggregation	District/location; sex; age group; disability status; household vulnerability/poverty category; urban/rural setting; climate hazard where relevant.
Reporting Frequency	Event-based after relevant climate/disaster events, with annual consolidation and reporting.
Responsible Institution(s)	Proposed lead: Ministry responsible for Health (MoH); supporting: DoDMA, district health offices and health logistics/warehouse units.

Field	Description
Data Quality / Verification	Verify that numerator and denominator refer to the same eligible population, geography and reporting period; test denominator completeness, duplicates and missing values; replicate calculations from source records.
Methodological Notes / Assumptions	The eligible denominator must be explicitly defined and held consistent across reporting periods; exclusions and missing observations should be reported.
Link to Adaptation Result	Shows whether implementation is translating into timely access to emergency medical and nutrition supplies during climate-induced emergencies.

IDS 09 — Impact: Reduction in climate-related mortality and morbidity during emergencies

Field	Description
Indicator Level	Impact
Indicator Name	Reduction in climate-related mortality and morbidity during emergencies
Indicator Definition	Relative reduction in the agreed climate-related mortality and morbidity measure during emergencies compared with the 2025 emergency-response reference.
Purpose / Relevance to Adaptation	Measures the higher-order adaptation result associated with Adaptation Action 3, indicating whether climate vulnerability, disruption, loss or exposure is decreasing, or resilience is improving.
Metric / Unit of Measurement	% change in climate-related mortality and morbidity from the 2025 emergency-response reference
Calculation Method	Establish the numeric 2025 reference using the stated definition and source data, measure the current value using the same method, and calculate the relative decrease from baseline.
Formula	$((2025 \text{ baseline value} - \text{Current value}) \div 2025 \text{ baseline value}) \times 100$
Numerator	Difference between the 2025 baseline value and the current value.
Denominator	Numeric 2025 baseline value for the same indicator measure.
Baseline	High (baseline from 2025 emergency response stats)
Baseline Year	2025
Target	≥70% reduction by 2040
Target Year	2040
Data Source(s)	Primary administrative, survey or monitoring records underlying the source-specified means of verification: Health Management Information System (HMIS); emergency health surveillance reports.
Means of Verification	Health Management Information System (HMIS); emergency health surveillance reports

Field	Description
Data Collection Method	Establish the 2025 reference dataset, collect the current-period value using the same protocol, calculate relative change, and document contextual factors (hazard intensity, population exposure, programme coverage) that may affect comparability.
Disaggregation	District/location; sex; age group; disability status; vulnerable-group category; climate hazard or intervention type where relevant.
Reporting Frequency	Event-based after relevant climate/disaster events, with annual consolidation and reporting.
Responsible Institution(s)	Proposed lead: Ministry responsible for Health (MoH); supporting: DoDMA, district health offices and health logistics/warehouse units.
Data Quality / Verification	Freeze the baseline definition and value before trend analysis; apply the same measurement method in all periods; check numerator/denominator comparability and document any changes in hazard severity, exposure or data coverage that could affect comparability.
Methodological Notes / Assumptions	The source baseline is qualitative while the target requires quantitative tracking. Retain the qualitative baseline in reporting, but establish and document a numeric 2025 reference measure using the stated metric before calculating progress or percentage change. Percentage change is interpreted as relative change from the 2025 baseline unless the source framework explicitly defines a percentage-point change.
Link to Adaptation Result	Demonstrates contribution toward timely access to emergency medical and nutrition supplies during climate-induced emergencies.

Adaptation Action 4: Establish climate-linked disease and heatwave early warning systems.

Objective: Ensure the health sector is prepared for climate related disease outbreaks

IDS 10 — Output: Climate – linked disease and heatwave early warning system available in all district hospitals

Field	Description
Indicator Level	Output
Indicator Name	Climate – linked disease and heatwave early warning system available in all district hospitals
Indicator Definition	Count of districts in which the district hospital has an operational climate-linked disease and heatwave early warning system that meets the agreed functionality criteria.
Purpose / Relevance to Adaptation	Tracks implementation scale and delivery of Adaptation Action 4, showing whether the planned intervention is being put in place at the required coverage.

Field	Description
Metric / Unit of Measurement	Number of districts/district hospitals with an operational system
Calculation Method	Compile the eligible source records, apply the documented qualification/completion criteria, de-duplicate entities and count distinct qualifying units as of the reporting date.
Formula	Count = Σ qualifying unique units
Numerator	Number of distinct units meeting the indicator criterion.
Denominator	Not applicable (count indicator).
Baseline	0
Baseline Year	2025
Target	28 districts by 2030
Target Year	2030
Data Source(s)	Primary administrative, survey or monitoring records underlying the source-specified means of verification: DCCMS and MoH.
Means of Verification	DCCMS and MoH
Data Collection Method	Extract unit-level records from the listed source systems/registers, verify that each unit meets the operational criterion and reporting-period rule, de-duplicate, and aggregate by district and other required disaggregation.
Disaggregation	District; facility type/level; ownership/management type; climate-hazard exposure; urban/rural location.
Reporting Frequency	Quarterly implementation tracking, consolidated annually.
Responsible Institution(s)	Proposed lead: Ministry responsible for Health (MoH); supporting: DCCMS, district hospitals, district health offices and DoDMA.
Data Quality / Verification	Use unique identifiers and documented eligibility/completion criteria; remove duplicates; reconcile reported counts with registers, audit records and district/facility totals; retain an audit trail for additions and corrections.
Methodological Notes / Assumptions	Unless the reporting framework specifies an annual-flow target, count values should be reported cumulatively as of the reporting date, with a separate annual increment available for management use.
Link to Adaptation Result	Provides implementation evidence for operational climate-linked health early warning and preparedness.

IDS 11— Outcome: % of medical personnel reached with the CLD&H EW tool

Field	Description
Indicator Level	Outcome
Indicator Name	% of medical personnel reached with the CLD&H EW tool
Indicator Definition	Percentage of the defined eligible population or units that meet the criterion represented by “% of medical personnel reached with the CLD&H EW tool” during the reporting period.
Purpose / Relevance to Adaptation	Assesses whether implementation of Adaptation Action 4 is producing the intended near- to medium-term change in access, preparedness, behaviour, service performance or livelihood resilience.
Metric / Unit of Measurement	%
Calculation Method	Define the eligible population/unit universe for the reporting period, count those meeting the indicator criterion, divide by the total eligible population/units with valid status, and multiply by 100.
Formula	$(\text{Number meeting criterion} \div \text{Total eligible population/units}) \times 100$
Numerator	Number of eligible people/households/units meeting the indicator criterion.
Denominator	Total eligible people/households/units assessed in the same reporting period.
Baseline	0%
Baseline Year	2025
Target	90%
Target Year	2030
Data Source(s)	Primary administrative, survey or monitoring records underlying the source-specified means of verification: MoH.
Means of Verification	MoH
Data Collection Method	Extract or survey the numerator and denominator populations using the same eligibility criteria and reference period; validate completeness, calculate the percentage, and retain disaggregated numerator/denominator counts.
Disaggregation	District/location; sex; age group; disability status where available; cadre/training type or employment type; vulnerable-group category.
Reporting Frequency	Annual.
Responsible Institution(s)	Proposed lead: Ministry responsible for Health (MoH); supporting: DCCMS, district hospitals, district health offices and DoDMA.
Data Quality / Verification	Verify that numerator and denominator refer to the same eligible population, geography and reporting period; test denominator completeness, duplicates and missing values; replicate calculations from source records.
Methodological Notes / Assumptions	The eligible denominator must be explicitly defined and held consistent across reporting periods; exclusions and missing observations should be reported.

Field	Description
Link to Adaptation Result	Shows whether implementation is translating into operational climate-linked health early warning and preparedness.

IDS 12 of 69 — Impact: Reduction in climate-related mortality and morbidity during emergencies

Field	Description
Indicator Level	Impact
Indicator Name	Reduction in climate-related mortality and morbidity during emergencies
Indicator Definition	Relative reduction in the agreed climate-related mortality and morbidity measure during emergencies compared with the 2025 emergency-response reference.
Purpose / Relevance to Adaptation	Measures the higher-order adaptation result associated with Adaptation Action 4, indicating whether climate vulnerability, disruption, loss or exposure is decreasing, or resilience is improving.
Metric / Unit of Measurement	% change in climate-related mortality and morbidity from the 2025 emergency-response reference
Calculation Method	Establish the numeric 2025 reference using the stated definition and source data, measure the current value using the same method, and calculate the relative decrease from baseline.
Formula	$((2025 \text{ baseline value} - \text{Current value}) \div 2025 \text{ baseline value}) \times 100$
Numerator	Difference between the 2025 baseline value and the current value.
Denominator	Numeric 2025 baseline value for the same indicator measure.
Baseline	High (baseline from 2025 emergency response stats)
Baseline Year	2025
Target	≥70% reduction by 2040
Target Year	2040
Data Source(s)	Primary administrative, survey or monitoring records underlying the source-specified means of verification: Health Management Information System (HMIS); emergency health surveillance reports.
Means of Verification	Health Management Information System (HMIS); emergency health surveillance reports
Data Collection Method	Establish the 2025 reference dataset, collect the current-period value using the same protocol, calculate relative change, and document contextual factors (hazard intensity, population exposure, programme coverage) that may affect comparability.
Disaggregation	District/location; sex; age group; disability status; vulnerable-group category; climate hazard or intervention type where relevant.
Reporting Frequency	Event-based after relevant climate/disaster events, with annual consolidation and reporting.

Field	Description
Responsible Institution(s)	Proposed lead: Ministry responsible for Health (MoH); supporting: DCCMS, district hospitals, district health offices and DoDMA.
Data Quality / Verification	Freeze the baseline definition and value before trend analysis; apply the same measurement method in all periods; check numerator/denominator comparability and document any changes in hazard severity, exposure or data coverage that could affect comparability.
Methodological Notes / Assumptions	The source baseline is qualitative while the target requires quantitative tracking. Retain the qualitative baseline in reporting, but establish and document a numeric 2025 reference measure using the stated metric before calculating progress or percentage change. Percentage change is interpreted as relative change from the 2025 baseline unless the source framework explicitly defines a percentage-point change.
Link to Adaptation Result	Demonstrates contribution toward operational climate-linked health early warning and preparedness.

STRATEGY 2: LIVELIHOOD DIVERSIFICATION

Adaptation Action 5: Promote climate-resilient eco-tourism in degraded or climate-affected landscape

Source objective: Improve food security, nutrition, and sustainable rural development by diversifying income through climate-resilient eco-tourism ventures.

IDS 13 — Output: Number of eco-tourism ventures established in degraded or climate-affected landscape

Field	Description
Indicator Level	Output
Indicator Name	Number of eco-tourism ventures established in degraded or climate-affected landscape
Indicator Definition	Count of distinct eligible units represented by “Number of eco-tourism ventures established in degraded or climate-affected landscape” that meet the documented completion/qualification criterion by the end of the reporting period.
Purpose / Relevance to Adaptation	Tracks implementation scale and delivery of Adaptation Action 5, showing whether the planned intervention is being put in place at the required coverage.
Metric / Unit of Measurement	Count
Calculation Method	Compile the eligible source records, apply the documented qualification/completion criteria, de-duplicate entities and count distinct qualifying units as of the reporting date.
Formula	Count = $\sum$ qualifying unique units
Numerator	Number of distinct units meeting the indicator criterion.

Field	Description
Denominator	Not applicable (count indicator).
Baseline	5 (2025)
Baseline Year	2025
Target	200 by 2030
Target Year	2030
Data Source(s)	Primary administrative, survey or monitoring records underlying the source-specified means of verification: MoT survey reports; local government development records.
Means of Verification	MoT survey reports; local government development records
Data Collection Method	Extract unit-level records from the listed source systems/registers, verify that each unit meets the operational criterion and reporting-period rule, de-duplicate, and aggregate by district and other required disaggregation.
Disaggregation	District/location; sex; age group; disability status; vulnerable-group category; climate hazard or intervention type where relevant.
Reporting Frequency	Quarterly implementation tracking, consolidated annually.
Responsible Institution(s)	Proposed lead: ministry responsible for Tourism (MoT); supporting: district/local government authorities, community tourism enterprises and relevant statistical/sector agencies.
Data Quality / Verification	Use unique identifiers and documented eligibility/completion criteria; remove duplicates; reconcile reported counts with registers, audit records and district/facility totals; retain an audit trail for additions and corrections.
Methodological Notes / Assumptions	Unless the reporting framework specifies an annual-flow target, count values should be reported cumulatively as of the reporting date, with a separate annual increment available for management use.
Link to Adaptation Result	Provides implementation evidence for diversified, climate-resilient livelihoods through eco-tourism.

IDS 14— Outcome: % increase in income for participating households from eco-tourism

Field	Description
Indicator Level	Outcome
Indicator Name	% increase in income for participating households from eco-tourism
Indicator Definition	Percentage increase in average annual eco-tourism income earned by participating households compared with the 2025 baseline average.
Purpose / Relevance to Adaptation	Assesses whether implementation of Adaptation Action 5 is producing the intended near- to medium-term change in access, preparedness, behaviour, service performance or livelihood resilience.
Metric / Unit of Measurement	Average annual household income from eco-tourism (MWK) and % increase from 2025 baseline
Calculation Method	Calculate average annual eco-tourism income per participating household, then calculate the relative increase from the 2025 average of MWK 60,000/year.
Formula	Average income = Total eco-tourism income ÷ Participating households; % increase = ((Current average – 60,000) ÷ 60,000) × 100
Numerator	Current average annual eco-tourism income minus MWK 60,000 for the % increase calculation.
Denominator	MWK 60,000 baseline average annual household income.
Baseline	Baseline avg. MWK 60,000/year
Baseline Year	2025
Target	≥150% increase (MWK 150,000+)
Target Year	2030
Data Source(s)	Primary administrative, survey or monitoring records underlying the source-specified means of verification: Household income tracking; community benefit-sharing audits.
Means of Verification	Household income tracking; community benefit-sharing audits
Data Collection Method	Establish the 2025 reference dataset, collect the current-period value using the same protocol, calculate relative change, and document contextual factors (hazard intensity, population exposure, programme coverage) that may affect comparability.
Disaggregation	District/location; sex; age group; disability status; household vulnerability/poverty category; urban/rural setting; climate hazard where relevant.
Reporting Frequency	Annual where administrative data are available; otherwise aligned with the relevant household/survey cycle, with at least biennial synthesis.
Responsible Institution(s)	Proposed lead: ministry responsible for Tourism (MoT); supporting: district/local government authorities, community tourism enterprises and relevant statistical/sector agencies.

Field	Description
Data Quality / Verification	Freeze the baseline definition and value before trend analysis; apply the same measurement method in all periods; check numerator/denominator comparability and document any changes in hazard severity, exposure or data coverage that could affect comparability.
Methodological Notes / Assumptions	Percentage change is interpreted as relative change from the 2025 baseline unless the source framework explicitly defines a percentage-point change.
Link to Adaptation Result	Shows whether implementation is translating into diversified, climate-resilient livelihoods through eco-tourism.

IDS 15 — Impact: % reduction in climate-induced livelihood stress (e.g. food insecurity, migration)

Field	Description
Indicator Level	Impact
Indicator Name	% reduction in climate-induced livelihood stress (e.g. food insecurity, migration)
Indicator Definition	Relative reduction in the agreed measure of climate-induced livelihood stress among the target population, using consistently defined indicators such as food insecurity and climate-related migration pressure.
Purpose / Relevance to Adaptation	Measures the higher-order adaptation result associated with Adaptation Action 5, indicating whether climate vulnerability, disruption, loss or exposure is decreasing, or resilience is improving.
Metric / Unit of Measurement	% reduction in the agreed livelihood-stress measure from the 2025 baseline
Calculation Method	Establish the numeric 2025 reference using the stated definition and source data, measure the current value using the same method, and calculate the relative decrease from baseline.
Formula	$((2025 \text{ baseline value} - \text{Current value}) \div 2025 \text{ baseline value}) \times 100$
Numerator	Difference between the 2025 baseline value and the current value.
Denominator	Numeric 2025 baseline value for the same indicator measure.
Baseline	TBD
Baseline Year	2025
Target	≥60% reduction by 2040
Target Year	2040
Data Source(s)	Primary administrative, survey or monitoring records underlying the source-specified means of verification: Livelihood vulnerability assessments; NSO and MoAI data.
Means of Verification	Livelihood vulnerability assessments; NSO and MoAI data

Field	Description
Data Collection Method	Establish the 2025 reference dataset, collect the current-period value using the same protocol, calculate relative change, and document contextual factors (hazard intensity, population exposure, programme coverage) that may affect comparability.
Disaggregation	District/location; sex of beneficiary or household head; age group; disability status; livelihood/employment type; wealth/poverty quintile; vulnerable-group category.
Reporting Frequency	Annual where administrative data are available; otherwise aligned with the relevant household/survey cycle, with at least biennial synthesis.
Responsible Institution(s)	Proposed lead: ministry responsible for Tourism (MoT); supporting: district/local government authorities, community tourism enterprises and relevant statistical/sector agencies.
Data Quality / Verification	Freeze the baseline definition and value before trend analysis; apply the same measurement method in all periods; check numerator/denominator comparability and document any changes in hazard severity, exposure or data coverage that could affect comparability.
Methodological Notes / Assumptions	The source baseline is retained as TBD. A numeric 2025 baseline must be established from the specified source records using this IDS definition before change against baseline is reported. Percentage change is interpreted as relative change from the 2025 baseline unless the source framework explicitly defines a percentage-point change.
Link to Adaptation Result	Demonstrates contribution toward diversified, climate-resilient livelihoods through eco-tourism.

Adaptation Action 6: Facilitate market linkages for non-agricultural products

Objective: Enhance sustainability of diversified rural economies.

IDS 16 — Output: Number of market linkage agreements facilitated

Field	Description
Indicator Level	Output
Indicator Name	Number of market linkage agreements facilitated
Indicator Definition	Count of distinct eligible units represented by “Number of market linkage agreements facilitated” that meet the documented completion/qualification criterion by the end of the reporting period.
Purpose / Relevance to Adaptation	Tracks implementation scale and delivery of Adaptation Action 6, showing whether the planned intervention is being put in place at the required coverage.
Metric / Unit of Measurement	Count
Calculation Method	Compile the eligible source records, apply the documented qualification/completion criteria, de-duplicate entities and count distinct qualifying units as of the reporting date.

Field	Description
Formula	Count = Σ qualifying unique units
Numerator	Number of distinct units meeting the indicator criterion.
Denominator	Not applicable (count indicator).
Baseline	0
Baseline Year	2025
Target	100 by 2030
Target Year	2030
Data Source(s)	Primary administrative, survey or monitoring records underlying the source-specified means of verification: MoIT/MoL signed contracts.
Means of Verification	MoIT/MoL signed contracts
Data Collection Method	Extract unit-level records from the listed source systems/registers, verify that each unit meets the operational criterion and reporting-period rule, de-duplicate, and aggregate by district and other required disaggregation.
Disaggregation	District/location; sex; age group; disability status; vulnerable-group category; climate hazard or intervention type where relevant.
Reporting Frequency	Quarterly implementation tracking, consolidated annually.
Responsible Institution(s)	Proposed lead: ministry responsible for Trade and Industry (MoIT); supporting: ministry responsible for Labour (MoL), district councils and participating producer/enterprise groups.
Data Quality / Verification	Use unique identifiers and documented eligibility/completion criteria; remove duplicates; reconcile reported counts with registers, audit records and district/facility totals; retain an audit trail for additions and corrections.
Methodological Notes / Assumptions	Unless the reporting framework specifies an annual-flow target, count values should be reported cumulatively as of the reporting date, with a separate annual increment available for management use.
Link to Adaptation Result	Provides implementation evidence for stronger non-agricultural market access and diversified rural income.

IDS 17 — Outcome: % increase in income from non-agricultural products

Field	Description
Indicator Level	Outcome
Indicator Name	% increase in income from non-agricultural products
Indicator Definition	Average annual household income derived from supported non-agricultural products, with percentage change from the 2025 baseline calculated as a secondary measure because the source indicator is worded as an increase.
Purpose / Relevance to Adaptation	Assesses whether implementation of Adaptation Action 6 is producing the intended near- to medium-term change in access, preparedness, behaviour, service performance or livelihood resilience.
Metric / Unit of Measurement	Average annual income from non-agricultural products (MWK); secondary % change from baseline
Calculation Method	Calculate average annual income from supported non-agricultural products. Report the MWK average against the source target and also calculate the relative change from the 2025 average of MWK 50,000.
Formula	Average income = Total non-agricultural-product income ÷ Households; Secondary % change = ((Current average – 50,000) ÷ 50,000) × 100
Numerator	Total eligible non-agricultural-product income for the average; current average minus MWK 50,000 for the secondary change measure.
Denominator	Number of households with valid income data; MWK 50,000 for the secondary change measure.
Baseline	MWK 50,000 avg.
Baseline Year	2025
Target	MWK 150,000 avg. by 2030
Target Year	2030
Data Source(s)	Primary administrative, survey or monitoring records underlying the source-specified means of verification: Household income surveys.
Means of Verification	Household income surveys
Data Collection Method	Extract verified household/project/financial values, reconcile to supporting records, standardize the reporting period and MWK valuation basis, and aggregate or average as specified.
Disaggregation	District/location; sex of beneficiary or household head; age group; disability status; livelihood/employment type; wealth/poverty quintile; vulnerable-group category.
Reporting Frequency	Annual where administrative data are available; otherwise aligned with the relevant household/survey cycle, with at least biennial synthesis.
Responsible Institution(s)	Proposed lead: ministry responsible for Trade and Industry (MoIT); supporting: ministry responsible for Labour (MoL), district councils and participating producer/enterprise groups.

Field	Description
Data Quality / Verification	Reconcile values to financial/household source records; document currency, price year and valuation method; prevent double counting; where trend comparisons are made, maintain a consistent real-price series in addition to nominal reporting.
Methodological Notes / Assumptions	The indicator name is expressed as a percentage increase, while the source metric and target are in MWK. Report average MWK income as the primary source-aligned value and calculate percentage change from the 2025 MWK baseline as a secondary analytic measure.
Link to Adaptation Result	Shows whether implementation is translating into stronger non-agricultural market access and diversified rural income.

IDS 18 — Impact: % of rural households relying on multiple income streams

Field	Description
Indicator Level	Impact
Indicator Name	% of rural households relying on multiple income streams
Indicator Definition	Percentage of the defined eligible population or units that meet the criterion represented by “% of rural households relying on multiple income streams” during the reporting period.
Purpose / Relevance to Adaptation	Measures the higher-order adaptation result associated with Adaptation Action 6, indicating whether climate vulnerability, disruption, loss or exposure is decreasing, or resilience is improving.
Metric / Unit of Measurement	%
Calculation Method	Define the eligible population/unit universe for the reporting period, count those meeting the indicator criterion, divide by the total eligible population/units with valid status, and multiply by 100.
Formula	$(\text{Number meeting criterion} \div \text{Total eligible population/units}) \times 100$
Numerator	Number of eligible people/households/units meeting the indicator criterion.
Denominator	Total eligible people/households/units assessed in the same reporting period.
Baseline	25%
Baseline Year	2025
Target	70% by 2040
Target Year	2040
Data Source(s)	Primary administrative, survey or monitoring records underlying the source-specified means of verification: National livelihood surveys.
Means of Verification	National livelihood surveys

Field	Description
Data Collection Method	Extract or survey the numerator and denominator populations using the same eligibility criteria and reference period; validate completeness, calculate the percentage, and retain disaggregated numerator/denominator counts.
Disaggregation	District/location; sex; age group; disability status; household vulnerability/poverty category; urban/rural setting; climate hazard where relevant.
Reporting Frequency	Annual where administrative data are available; otherwise aligned with the relevant household/survey cycle, with at least biennial synthesis.
Responsible Institution(s)	Proposed lead: ministry responsible for Trade and Industry (MoIT); supporting: ministry responsible for Labour (MoL), district councils and participating producer/enterprise groups.
Data Quality / Verification	Verify that numerator and denominator refer to the same eligible population, geography and reporting period; test denominator completeness, duplicates and missing values; replicate calculations from source records.
Methodological Notes / Assumptions	The eligible denominator must be explicitly defined and held consistent across reporting periods; exclusions and missing observations should be reported.
Link to Adaptation Result	Demonstrates contribution toward stronger non-agricultural market access and diversified rural income.

Adaptation Action 7: Facilitate Best Practices for Climate-Smart Agriculture to Women-Led Agriculture Cooperatives

Objective: Improve resilience and productivity of women-led cooperatives through the adoption of climate-smart agriculture (CSA) practices.

IDS 19 — Output: Number of women-led agriculture cooperatives trained in CSA practices

Field	Description
Indicator Level	Output
Indicator Name	Number of women-led agriculture cooperatives trained in CSA practices
Indicator Definition	Count of distinct eligible units represented by “Number of women-led agriculture cooperatives trained in CSA practices” that meet the documented completion/qualification criterion by the end of the reporting period.
Purpose / Relevance to Adaptation	Tracks implementation scale and delivery of Adaptation Action 7, showing whether the planned intervention is being put in place at the required coverage.
Metric / Unit of Measurement	Count
Calculation Method	Compile the eligible source records, apply the documented qualification/completion criteria, de-duplicate entities and count distinct qualifying units as of the reporting date.
Formula	Count = Σ qualifying unique units

Field	Description
Numerator	Number of distinct units meeting the indicator criterion.
Denominator	Not applicable (count indicator).
Baseline	TBD
Baseline Year	2025
Target	1,200 cooperatives by 2030
Target Year	2030
Data Source(s)	Primary administrative, survey or monitoring records underlying the source-specified means of verification: MoAI, MoGCDSW, and NGO training reports.
Means of Verification	MoAI, MoGCDSW, and NGO training reports
Data Collection Method	Extract unit-level records from the listed source systems/registers, verify that each unit meets the operational criterion and reporting-period rule, de-duplicate, and aggregate by district and other required disaggregation.
Disaggregation	District/location; sex; age group; disability status; vulnerable-group category; climate hazard or intervention type where relevant.
Reporting Frequency	Quarterly implementation tracking, consolidated annually.
Responsible Institution(s)	Proposed lead: ministry responsible for Agriculture (MoAI); supporting: MoGCDSW, district agricultural extension services and implementing NGOs/partners.
Data Quality / Verification	Use unique identifiers and documented eligibility/completion criteria; remove duplicates; reconcile reported counts with registers, audit records and district/facility totals; retain an audit trail for additions and corrections.
Methodological Notes / Assumptions	The source baseline is retained as TBD. A numeric 2025 baseline must be established from the specified source records using this IDS definition before change against baseline is reported. Unless the reporting framework specifies an annual-flow target, count values should be reported cumulatively as of the reporting date, with a separate annual increment available for management use.
Link to Adaptation Result	Provides implementation evidence for greater resilience and productivity of women-led agricultural cooperatives through CSA adoption.

IDS 20 — Outcome: % of trained cooperatives applying at least 3 CSA practices

Field	Description
Indicator Level	Outcome
Indicator Name	% of trained cooperatives applying at least 3 CSA practices
Indicator Definition	Percentage of the defined eligible population or units that meet the criterion represented by “% of trained cooperatives applying at least 3 CSA practices” during the reporting period.
Purpose / Relevance to Adaptation	Assesses whether implementation of Adaptation Action 7 is producing the intended near- to medium-term change in access, preparedness, behaviour, service performance or livelihood resilience.
Metric / Unit of Measurement	%
Calculation Method	Define the eligible population/unit universe for the reporting period, count those meeting the indicator criterion, divide by the total eligible population/units with valid status, and multiply by 100.
Formula	$(\text{Number meeting criterion} \div \text{Total eligible population/units}) \times 100$
Numerator	Number of eligible people/households/units meeting the indicator criterion.
Denominator	Total eligible people/households/units assessed in the same reporting period.
Baseline	15%
Baseline Year	2025
Target	≥80%
Target Year	2030
Data Source(s)	Primary administrative, survey or monitoring records underlying the source-specified means of verification: Post-training adoption surveys; extension officer reports.
Means of Verification	Post-training adoption surveys; extension officer reports
Data Collection Method	Extract or survey the numerator and denominator populations using the same eligibility criteria and reference period; validate completeness, calculate the percentage, and retain disaggregated numerator/denominator counts.
Disaggregation	District/location; sex; age group; disability status; vulnerable-group category; climate hazard or intervention type where relevant.
Reporting Frequency	Annual.
Responsible Institution(s)	Proposed lead: ministry responsible for Agriculture (MoA); supporting: MoGCDSW, district agricultural extension services and implementing NGOs/partners.
Data Quality / Verification	Verify that numerator and denominator refer to the same eligible population, geography and reporting period; test denominator completeness, duplicates and missing values; replicate calculations from source records.

Field	Description
Methodological Notes / Assumptions	The eligible denominator must be explicitly defined and held consistent across reporting periods; exclusions and missing observations should be reported.
Link to Adaptation Result	Shows whether implementation is translating into greater resilience and productivity of women-led agricultural cooperatives through CSA adoption.

IDS 21— Impact: Increase in yield stability and income among women-led farms

Field	Description
Indicator Level	Impact
Indicator Name	Increase in yield stability and income among women-led farms
Indicator Definition	Change in income, agricultural productivity and year-to-year yield stability among participating women-led farms/cooperatives, measured against the 2025 reference.
Purpose / Relevance to Adaptation	Measures the higher-order adaptation result associated with Adaptation Action 7, indicating whether climate vulnerability, disruption, loss or exposure is decreasing, or resilience is improving.
Metric / Unit of Measurement	Income (MWK); productivity/yield (tons/ha); yield-stability statistic
Calculation Method	Calculate average annual income per participating farm/cooperative and average yield (tons/ha) using consistent samples; calculate relative change from 2025 for each. Assess yield stability separately using an agreed interannual variability statistic.
Formula	Income % change = ((Current income – 2025 income) ÷ 2025 income) × 100; Yield % change = ((Current yield – 2025 yield) ÷ 2025 yield) × 100; Yield CV = SD(yield over agreed years) ÷ Mean(yield) × 100
Numerator	For each change measure, current value minus its 2025 baseline; for yield CV, standard deviation of annual yields.
Denominator	Corresponding 2025 baseline value; for yield CV, mean annual yield over the agreed period.
Baseline	Low baseline (variable yields)
Baseline Year	2025
Target	≥60% increase in income and productivity by 2040
Target Year	2040
Data Source(s)	Primary administrative, survey or monitoring records underlying the source-specified means of verification: Agricultural performance reports; NSO income surveys.
Means of Verification	Agricultural performance reports; NSO income surveys
Data Collection Method	Collect each component measure from its designated administrative/survey source, apply consistent units and denominators, calculate each result separately, and maintain a linked dataset for joint interpretation.

Field	Description
Disaggregation	District/location; sex of beneficiary or household head; age group; disability status; livelihood/employment type; wealth/poverty quintile; vulnerable-group category.
Reporting Frequency	Annual where administrative data are available; otherwise aligned with the relevant household/survey cycle, with at least biennial synthesis.
Responsible Institution(s)	Proposed lead: ministry responsible for Agriculture (MoAI); supporting: MoGCDSW, district agricultural extension services and implementing NGOs/partners.
Data Quality / Verification	Validate each component measure independently, using consistent units and samples; do not combine income and productivity into one number unless a documented composite method is approved; retain component-level results.
Methodological Notes / Assumptions	The source baseline is qualitative while the target requires quantitative tracking. Retain the qualitative baseline in reporting, but establish and document a numeric 2025 reference measure using the stated metric before calculating progress or percentage change. The indicator combines income, productivity and yield stability. Report each component separately; use interannual yield variability (for example, coefficient of variation) as the stability measure and do not collapse components into one value without an approved weighting method.
Link to Adaptation Result	Demonstrates contribution toward greater resilience and productivity of women-led agricultural cooperatives through CSA adoption.

STRATEGY 3: SOCIAL SAFETY NETS

Adaptation Action 8: Expand shock-responsive cash-for-work triggered by floods, droughts and food insecurity

Source objective: Protect vulnerable populations during climate shocks.

IDS 22 — Output: Number of households receiving cash/in-kind support for flood/drought and food security cases

Field	Description
Indicator Level	Output
Indicator Name	Number of households receiving cash/in-kind support for flood/drought and food security cases
Indicator Definition	Count of distinct eligible units represented by “Number of households receiving cash/in-kind support for flood/drought and food security cases” that meet the documented completion/qualification criterion by the end of the reporting period.

Field	Description
Purpose / Relevance to Adaptation	Tracks implementation scale and delivery of Adaptation Action 8, showing whether the planned intervention is being put in place at the required coverage.
Metric / Unit of Measurement	Count
Calculation Method	Compile the eligible source records, apply the documented qualification/completion criteria, de-duplicate entities and count distinct qualifying units as of the reporting date.
Formula	Count = Σ qualifying unique units
Numerator	Number of distinct units meeting the indicator criterion.
Denominator	Not applicable (count indicator).
Baseline	70,000
Baseline Year	2025
Target	300,000 by 2030
Target Year	2030
Data Source(s)	Primary administrative, survey or monitoring records underlying the source-specified means of verification: SCTP/DoDMA records.
Means of Verification	SCTP/DoDMA records
Data Collection Method	Extract unit-level records from the listed source systems/registers, verify that each unit meets the operational criterion and reporting-period rule, de-duplicate, and aggregate by district and other required disaggregation.
Disaggregation	District/location; sex; age group; disability status; household vulnerability/poverty category; urban/rural setting; climate hazard where relevant.
Reporting Frequency	Quarterly implementation tracking, consolidated annually.
Responsible Institution(s)	Proposed lead: institution responsible for SCTP/social protection; supporting: DoDMA, district councils and programme payment/registry administrators.
Data Quality / Verification	Use unique identifiers and documented eligibility/completion criteria; remove duplicates; reconcile reported counts with registers, audit records and district/facility totals; retain an audit trail for additions and corrections.
Methodological Notes / Assumptions	Unless the reporting framework specifies an annual-flow target, count values should be reported cumulatively as of the reporting date, with a separate annual increment available for management use.
Link to Adaptation Result	Provides implementation evidence for shock-responsive social protection that protects basic needs during climate shocks.

IDS 23 — Outcome: % of vulnerable households able to meet basic needs during shocks

Field	Description
Indicator Level	Outcome
Indicator Name	% of vulnerable households able to meet basic needs during shocks
Indicator Definition	Percentage of the defined eligible population or units that meet the criterion represented by “% of vulnerable households able to meet basic needs during shocks” during the reporting period.
Purpose / Relevance to Adaptation	Assesses whether implementation of Adaptation Action 8 is producing the intended near- to medium-term change in access, preparedness, behaviour, service performance or livelihood resilience.
Metric / Unit of Measurement	%
Calculation Method	Define the eligible population/unit universe for the reporting period, count those meeting the indicator criterion, divide by the total eligible population/units with valid status, and multiply by 100.
Formula	$(\text{Number meeting criterion} \div \text{Total eligible population/units}) \times 100$
Numerator	Number of eligible people/households/units meeting the indicator criterion.
Denominator	Total eligible people/households/units assessed in the same reporting period.
Baseline	45%
Baseline Year	2025
Target	85% by 2030
Target Year	2030
Data Source(s)	Primary administrative, survey or monitoring records underlying the source-specified means of verification: Post-distribution monitoring.
Means of Verification	Post-distribution monitoring
Data Collection Method	Extract or survey the numerator and denominator populations using the same eligibility criteria and reference period; validate completeness, calculate the percentage, and retain disaggregated numerator/denominator counts.
Disaggregation	District/location; sex; age group; disability status; household vulnerability/poverty category; urban/rural setting; climate hazard where relevant.
Reporting Frequency	Event-based after relevant climate/disaster events, with annual consolidation and reporting.
Responsible Institution(s)	Proposed lead: institution responsible for SCTP/social protection; supporting: DoDMA, district councils and programme payment/registry administrators.
Data Quality / Verification	Verify that numerator and denominator refer to the same eligible population, geography and reporting period; test denominator completeness, duplicates and missing values; replicate calculations from source records.

Field	Description
Methodological Notes / Assumptions	The eligible denominator must be explicitly defined and held consistent across reporting periods; exclusions and missing observations should be reported.
Link to Adaptation Result	Shows whether implementation is translating into shock-responsive social protection that protects basic needs during climate shocks.

IDS 24 — Impact: Reduced rate of climate-related destitution and migration

Field	Description
Indicator Level	Impact
Indicator Name	Reduced rate of climate-related destitution and migration
Indicator Definition	Relative reduction in the agreed measure of climate-related destitution and distress migration among vulnerable households compared with the 2025 reference.
Purpose / Relevance to Adaptation	Measures the higher-order adaptation result associated with Adaptation Action 8, indicating whether climate vulnerability, disruption, loss or exposure is decreasing, or resilience is improving.
Metric / Unit of Measurement	% reduction in the agreed rate/index of climate-related destitution and migration
Calculation Method	Establish the numeric 2025 reference using the stated definition and source data, measure the current value using the same method, and calculate the relative decrease from baseline.
Formula	$((2025 \text{ baseline value} - \text{Current value}) \div 2025 \text{ baseline value}) \times 100$
Numerator	Difference between the 2025 baseline value and the current value.
Denominator	Numeric 2025 baseline value for the same indicator measure.
Baseline	High
Baseline Year	2025
Target	50% reduction by 2040
Target Year	2040
Data Source(s)	Primary administrative, survey or monitoring records underlying the source-specified means of verification: Migration/displacement tracking.
Means of Verification	Migration/displacement tracking
Data Collection Method	Establish the 2025 reference dataset, collect the current-period value using the same protocol, calculate relative change, and document contextual factors (hazard intensity, population exposure, programme coverage) that may affect comparability.
Disaggregation	District/location; sex; age group; disability status; vulnerable-group category; climate hazard or intervention type where relevant.

Field	Description
Reporting Frequency	Annual where administrative data are available; otherwise aligned with the relevant household/survey cycle, with at least biennial synthesis.
Responsible Institution(s)	Proposed lead: institution responsible for SCTP/social protection; supporting: DoDMA, district councils and programme payment/registry administrators.
Data Quality / Verification	Freeze the baseline definition and value before trend analysis; apply the same measurement method in all periods; check numerator/denominator comparability and document any changes in hazard severity, exposure or data coverage that could affect comparability.
Methodological Notes / Assumptions	The source baseline is qualitative while the target requires quantitative tracking. Retain the qualitative baseline in reporting, but establish and document a numeric 2025 reference measure using the stated metric before calculating progress or percentage change. Percentage change is interpreted as relative change from the 2025 baseline unless the source framework explicitly defines a percentage-point change.
Link to Adaptation Result	Demonstrates contribution toward shock-responsive social protection that protects basic needs during climate shocks.

Adaptation Action 9: Establish climate shock contingency funds for rapid disaster response.

Objective: Ensure timely funding for disaster response and recovery.

IDS 25 — Output: Number of districts with functional climate shock contingency funds

Field	Description
Indicator Level	Output
Indicator Name	Number of districts with functional climate shock contingency funds
Indicator Definition	Count of distinct eligible units represented by “Number of districts with functional climate shock contingency funds” that meet the documented completion/qualification criterion by the end of the reporting period.
Purpose / Relevance to Adaptation	Tracks implementation scale and delivery of Adaptation Action 9, showing whether the planned intervention is being put in place at the required coverage.
Metric / Unit of Measurement	Count
Calculation Method	Compile the eligible source records, apply the documented qualification/completion criteria, de-duplicate entities and count distinct qualifying units as of the reporting date.
Formula	Count = $\sum$ qualifying unique units
Numerator	Number of distinct units meeting the indicator criterion.
Denominator	Not applicable (count indicator).
Baseline	2
Baseline Year	2025

Field	Description
Target	28 by 2030
Target Year	2030
Data Source(s)	Primary administrative, survey or monitoring records underlying the source-specified means of verification: MoF/DoDMA fiscal reports.
Means of Verification	MoF/DoDMA fiscal reports
Data Collection Method	Extract unit-level records from the listed source systems/registers, verify that each unit meets the operational criterion and reporting-period rule, de-duplicate, and aggregate by district and other required disaggregation.
Disaggregation	District/location; facility/site type; climate hazard; implementation/operational status; population group served where relevant.
Reporting Frequency	Event-based after relevant climate/disaster events, with annual consolidation and reporting.
Responsible Institution(s)	Proposed lead: Ministry responsible for Finance (MoF); supporting: DoDMA, district councils and public finance/audit units.
Data Quality / Verification	Use unique identifiers and documented eligibility/completion criteria; remove duplicates; reconcile reported counts with registers, audit records and district/facility totals; retain an audit trail for additions and corrections.
Methodological Notes / Assumptions	Unless the reporting framework specifies an annual-flow target, count values should be reported cumulatively as of the reporting date, with a separate annual increment available for management use.
Link to Adaptation Result	Provides implementation evidence for faster and adequately financed disaster response.

IDS 26 — Outcome: Average time between disaster event and fund disbursement

Field	Description
Indicator Level	Outcome
Indicator Name	Average time between disaster event and fund disbursement
Indicator Definition	Average elapsed number of days between the defined disaster event/official financing trigger and the date climate-shock contingency funds are actually disbursed for response.
Purpose / Relevance to Adaptation	Assesses whether implementation of Adaptation Action 9 is producing the intended near- to medium-term change in access, preparedness, behaviour, service performance or livelihood resilience.
Metric / Unit of Measurement	Average number of days from disaster event/official trigger to fund disbursement
Calculation Method	For each eligible disaster financing event, record the approved trigger date and the actual disbursement date, calculate elapsed calendar days, and average across eligible events in the reporting period.
Formula	Average disbursement time = $\Sigma(\text{disbursement date} - \text{trigger date, in days}) \div \text{Number of eligible disbursements}$
Numerator	Sum of elapsed days across eligible disaster-response disbursements.
Denominator	Number of eligible disbursements with valid trigger and payment dates.
Baseline	60 days
Baseline Year	2025
Target	≤14 days by 2030
Target Year	2030
Data Source(s)	Primary administrative, survey or monitoring records underlying the source-specified means of verification: Emergency finance audit.
Means of Verification	Emergency finance audit
Data Collection Method	Extract event-level timestamps from operational/finance logs, validate the agreed trigger and completion points, calculate elapsed time for each case, and aggregate for the reporting period.
Disaggregation	District/recipient; financing source; disaster/hazard type; expenditure category; beneficiary group; funding instrument where available.
Reporting Frequency	Event-based after relevant climate/disaster events, with annual consolidation and reporting.
Responsible Institution(s)	Proposed lead: Ministry responsible for Finance (MoF); supporting: DoDMA, district councils and public finance/audit units.
Data Quality / Verification	Validate event and disbursement/response timestamps against source logs; define start/end timestamps consistently; investigate missing or negative elapsed times and outliers; retain event-level records.

Field	Description
Methodological Notes / Assumptions	Apply the indicator definition, eligibility rules and reference period consistently across all reporting cycles. Document any methodological revision before comparing with the baseline or target.
Link to Adaptation Result	Shows whether implementation is translating into faster and adequately financed disaster response.

IDS 27 — Impact: % of emergency disaster response plans fully funded during climate disasters

Field	Description
Indicator Level	Impact
Indicator Name	% of emergency disaster response plans fully funded during climate disasters
Indicator Definition	Percentage of the defined eligible population or units that meet the criterion represented by “% of emergency disaster response plans fully funded during climate disasters” during the reporting period.
Purpose / Relevance to Adaptation	Measures the higher-order adaptation result associated with Adaptation Action 9, indicating whether climate vulnerability, disruption, loss or exposure is decreasing, or resilience is improving.
Metric / Unit of Measurement	%
Calculation Method	Define the eligible population/unit universe for the reporting period, count those meeting the indicator criterion, divide by the total eligible population/units with valid status, and multiply by 100.
Formula	$(\text{Number meeting criterion} \div \text{Total eligible population/units}) \times 100$
Numerator	Number of eligible people/households/units meeting the indicator criterion.
Denominator	Total eligible people/households/units assessed in the same reporting period.
Baseline	20%
Baseline Year	2025
Target	90% by 2040
Target Year	2040
Data Source(s)	Primary administrative, survey or monitoring records underlying the source-specified means of verification: National DRM audit reports.
Means of Verification	National DRM audit reports
Data Collection Method	Extract or survey the numerator and denominator populations using the same eligibility criteria and reference period; validate completeness, calculate the percentage, and retain disaggregated numerator/denominator counts.
Disaggregation	District/location; facility/site type; climate hazard; implementation/operational status; population group served where relevant.
Reporting Frequency	Event-based after relevant climate/disaster events, with annual consolidation and reporting.

Field	Description
Responsible Institution(s)	Proposed lead: Ministry responsible for Finance (MoF); supporting: DoDMA, district councils and public finance/audit units.
Data Quality / Verification	Verify that numerator and denominator refer to the same eligible population, geography and reporting period; test denominator completeness, duplicates and missing values; replicate calculations from source records.
Methodological Notes / Assumptions	The eligible denominator must be explicitly defined and held consistent across reporting periods; exclusions and missing observations should be reported.
Link to Adaptation Result	Demonstrates contribution toward faster and adequately financed disaster response.

Adaptation Action 10: Improve the sensitivity of SCTP to lifecycle vulnerabilities and seasonal shocks

Objective: Ensure predictable, needs-based support for vulnerable groups year-round.

IDS 28 — Output: % of SCTP beneficiaries with tailored seasonal/lifecycle support

Field	Description
Indicator Level	Output
Indicator Name	% of SCTP beneficiaries with tailored seasonal/lifecycle support
Indicator Definition	Percentage of the defined eligible population or units that meet the criterion represented by “% of SCTP beneficiaries with tailored seasonal/lifecycle support” during the reporting period.
Purpose / Relevance to Adaptation	Tracks implementation scale and delivery of Adaptation Action 10, showing whether the planned intervention is being put in place at the required coverage.
Metric / Unit of Measurement	%
Calculation Method	Define the eligible population/unit universe for the reporting period, count those meeting the indicator criterion, divide by the total eligible population/units with valid status, and multiply by 100.
Formula	$(\text{Number meeting criterion} \div \text{Total eligible population/units}) \times 100$
Numerator	Number of eligible people/households/units meeting the indicator criterion.
Denominator	Total eligible people/households/units assessed in the same reporting period.
Baseline	10%
Baseline Year	2025
Target	80% by 2030
Target Year	2030
Data Source(s)	Primary administrative, survey or monitoring records underlying the source-specified means of verification: SCTP registry and analysis.

Field	Description
Means of Verification	SCTP registry and analysis
Data Collection Method	Extract or survey the numerator and denominator populations using the same eligibility criteria and reference period; validate completeness, calculate the percentage, and retain disaggregated numerator/denominator counts.
Disaggregation	District/location; sex; age group; disability status; vulnerable-group category; climate hazard or intervention type where relevant.
Reporting Frequency	Quarterly implementation tracking, consolidated annually.
Responsible Institution(s)	Proposed lead: institution responsible for SCTP/social protection; supporting: MoGCDSW, district councils and NSO for household well-being/poverty data.
Data Quality / Verification	Verify that numerator and denominator refer to the same eligible population, geography and reporting period; test denominator completeness, duplicates and missing values; replicate calculations from source records.
Methodological Notes / Assumptions	The eligible denominator must be explicitly defined and held consistent across reporting periods; exclusions and missing observations should be reported.
Link to Adaptation Result	Provides implementation evidence for social protection that is responsive to lifecycle vulnerability and seasonal climate shocks.

IDS 29 — Outcome: % of lifecycle-vulnerable groups reporting improved well-being

Field	Description
Indicator Level	Outcome
Indicator Name	% of lifecycle-vulnerable groups reporting improved well-being
Indicator Definition	Percentage of the defined eligible population or units that meet the criterion represented by “% of lifecycle-vulnerable groups reporting improved well-being” during the reporting period.
Purpose / Relevance to Adaptation	Assesses whether implementation of Adaptation Action 10 is producing the intended near- to medium-term change in access, preparedness, behaviour, service performance or livelihood resilience.
Metric / Unit of Measurement	%
Calculation Method	Define the eligible population/unit universe for the reporting period, count those meeting the indicator criterion, divide by the total eligible population/units with valid status, and multiply by 100.
Formula	$(\text{Number meeting criterion} \div \text{Total eligible population/units}) \times 100$
Numerator	Number of eligible people/households/units meeting the indicator criterion.
Denominator	Total eligible people/households/units assessed in the same reporting period.
Baseline	30%
Baseline Year	2025
Target	75% by 2030
Target Year	2030
Data Source(s)	Primary administrative, survey or monitoring records underlying the source-specified means of verification: Beneficiary well-being surveys.
Means of Verification	Beneficiary well-being surveys
Data Collection Method	Extract or survey the numerator and denominator populations using the same eligibility criteria and reference period; validate completeness, calculate the percentage, and retain disaggregated numerator/denominator counts.
Disaggregation	District/location; sex; age group; disability status; vulnerable-group category; climate hazard or intervention type where relevant.
Reporting Frequency	Annual where administrative data are available; otherwise aligned with the relevant household/survey cycle, with at least biennial synthesis.
Responsible Institution(s)	Proposed lead: institution responsible for SCTP/social protection; supporting: MoGCDSW, district councils and NSO for household well-being/poverty data.
Data Quality / Verification	Verify that numerator and denominator refer to the same eligible population, geography and reporting period; test denominator completeness, duplicates and missing values; replicate calculations from source records.

Field	Description
Methodological Notes / Assumptions	The eligible denominator must be explicitly defined and held consistent across reporting periods; exclusions and missing observations should be reported.
Link to Adaptation Result	Shows whether implementation is translating into social protection that is responsive to lifecycle vulnerability and seasonal climate shocks.

IDS 30 — Impact: Reduction in intergenerational poverty and malnutrition

Field	Description
Indicator Level	Impact
Indicator Name	Reduction in intergenerational poverty and malnutrition
Indicator Definition	Relative reduction in a consistently defined composite or paired measure of intergenerational poverty and malnutrition among the target population.
Purpose / Relevance to Adaptation	Measures the higher-order adaptation result associated with Adaptation Action 10, indicating whether climate vulnerability, disruption, loss or exposure is decreasing, or resilience is improving.
Metric / Unit of Measurement	Poverty/nutrition index; % reduction from the 2025 reference
Calculation Method	Establish the numeric 2025 reference using the stated definition and source data, measure the current value using the same method, and calculate the relative decrease from baseline.
Formula	$((2025 \text{ baseline value} - \text{Current value}) \div 2025 \text{ baseline value}) \times 100$
Numerator	Difference between the 2025 baseline value and the current value.
Denominator	Numeric 2025 baseline value for the same indicator measure.
Baseline	High
Baseline Year	2025
Target	60% reduction by 2040
Target Year	2040
Data Source(s)	Primary administrative, survey or monitoring records underlying the source-specified means of verification: NSO longitudinal studies, DHS.
Means of Verification	NSO longitudinal studies, DHS
Data Collection Method	Establish the 2025 reference dataset, collect the current-period value using the same protocol, calculate relative change, and document contextual factors (hazard intensity, population exposure, programme coverage) that may affect comparability.
Disaggregation	District/location; sex of beneficiary or household head; age group; disability status; livelihood/employment type; wealth/poverty quintile; vulnerable-group category.
Reporting Frequency	Annual where administrative data are available; otherwise aligned with the relevant household/survey cycle, with at least biennial synthesis.

Field	Description
Responsible Institution(s)	Proposed lead: institution responsible for SCTP/social protection; supporting: MoGCDSW, district councils and NSO for household well-being/poverty data.
Data Quality / Verification	Freeze the baseline definition and value before trend analysis; apply the same measurement method in all periods; check numerator/denominator comparability and document any changes in hazard severity, exposure or data coverage that could affect comparability.
Methodological Notes / Assumptions	The source baseline is qualitative while the target requires quantitative tracking. Retain the qualitative baseline in reporting, but establish and document a numeric 2025 reference measure using the stated metric before calculating progress or percentage change. Percentage change is interpreted as relative change from the 2025 baseline unless the source framework explicitly defines a percentage-point change.
Link to Adaptation Result	Demonstrates contribution toward social protection that is responsive to lifecycle vulnerability and seasonal climate shocks.

STRATEGY 4: RESILIENT AND INCLUSIVE SCHOOL INFRASTRUCTURE DEVELOPMENT

Adaptation Action 11: Construct and retrofit school infrastructure using climate-resilient and disaster-proof designs in vulnerable districts

Objective: Safeguard education continuity in the face of climate shocks.

IDS 31— Output: % of new classrooms built with climate-resilient standards

Field	Description
Indicator Level	Output
Indicator Name	% of new classrooms built with climate-resilient standards
Indicator Definition	Percentage of the defined eligible population or units that meet the criterion represented by “% of new classrooms built with climate-resilient standards” during the reporting period.
Purpose / Relevance to Adaptation	Tracks implementation scale and delivery of Adaptation Action 11, showing whether the planned intervention is being put in place at the required coverage.
Metric / Unit of Measurement	%
Calculation Method	Define the eligible population/unit universe for the reporting period, count those meeting the indicator criterion, divide by the total eligible population/units with valid status, and multiply by 100.

Field	Description
Formula	$(\text{Number meeting criterion} \div \text{Total eligible population/units}) \times 100$
Numerator	Number of eligible people/households/units meeting the indicator criterion.
Denominator	Total eligible people/households/units assessed in the same reporting period.
Baseline	5%
Baseline Year	2025
Target	100% of 3,000 classrooms by 2030
Target Year	2030
Data Source(s)	Primary administrative, survey or monitoring records underlying the source-specified means of verification: MoE infrastructure audits.
Means of Verification	MoE infrastructure audits
Data Collection Method	Extract or survey the numerator and denominator populations using the same eligibility criteria and reference period; validate completeness, calculate the percentage, and retain disaggregated numerator/denominator counts.
Disaggregation	District; school level/type; rural/urban; hazard exposure; infrastructure type; where learner outcomes are used, sex and disability status.
Reporting Frequency	Quarterly implementation tracking, consolidated annually.
Responsible Institution(s)	Proposed lead: Ministry responsible for Education (MoE); supporting: district education offices, infrastructure units and DoDMA.
Data Quality / Verification	Verify that numerator and denominator refer to the same eligible population, geography and reporting period; test denominator completeness, duplicates and missing values; replicate calculations from source records.
Methodological Notes / Assumptions	The eligible denominator must be explicitly defined and held consistent across reporting periods; exclusions and missing observations should be reported.
Link to Adaptation Result	Provides implementation evidence for continuity of education through climate-resilient and disaster-proof school infrastructure.

IDS 32 — Outcome: % reduction in climate-related school closures

Field	Description
Indicator Level	Outcome
Indicator Name	% reduction in climate-related school closures
Indicator Definition	Relative reduction in climate-related school closures in vulnerable districts compared with the 2025 baseline, using one consistently defined closure measure (e.g., closure days or affected-school rate).
Purpose / Relevance to Adaptation	Assesses whether implementation of Adaptation Action 11 is producing the intended near- to medium-term change in access, preparedness, behaviour, service performance or livelihood resilience.
Metric / Unit of Measurement	% reduction in climate-related school-closure incidence/days from 2025 baseline
Calculation Method	Establish the numeric 2025 reference using the stated definition and source data, measure the current value using the same method, and calculate the relative decrease from baseline.
Formula	$((2025 \text{ baseline value} - \text{Current value}) \div 2025 \text{ baseline value}) \times 100$
Numerator	Difference between the 2025 baseline value and the current value.
Denominator	Numeric 2025 baseline value for the same indicator measure.
Baseline	25%
Baseline Year	2025
Target	80% by 2030
Target Year	2030
Data Source(s)	Primary administrative, survey or monitoring records underlying the source-specified means of verification: MoE incident and closure reports.
Means of Verification	MoE incident and closure reports
Data Collection Method	Establish the 2025 reference dataset, collect the current-period value using the same protocol, calculate relative change, and document contextual factors (hazard intensity, population exposure, programme coverage) that may affect comparability.
Disaggregation	District; school level/type; rural/urban; hazard exposure; infrastructure type; where learner outcomes are used, sex and disability status.
Reporting Frequency	Event-based after relevant climate/disaster events, with annual consolidation and reporting.
Responsible Institution(s)	Proposed lead: Ministry responsible for Education (MoE); supporting: district education offices, infrastructure units and DoDMA.
Data Quality / Verification	Freeze the baseline definition and value before trend analysis; apply the same measurement method in all periods; check numerator/denominator comparability and document any changes in hazard severity, exposure or data coverage that could affect comparability.

Field	Description
Methodological Notes / Assumptions	Percentage change is interpreted as relative change from the 2025 baseline unless the source framework explicitly defines a percentage-point change.
Link to Adaptation Result	Shows whether implementation is translating into continuity of education through climate-resilient and disaster-proof school infrastructure.

IDS 33 — Impact: Improved educational access and performance under climate stress

Field	Description
Indicator Level	Impact
Indicator Name	Improved educational access and performance under climate stress
Indicator Definition	Improvement in education access/performance under climate stress, represented by completion and pass rates in vulnerable districts and compared with a documented 2025 quantitative reference.
Purpose / Relevance to Adaptation	Measures the higher-order adaptation result associated with Adaptation Action 11, indicating whether climate vulnerability, disruption, loss or exposure is decreasing, or resilience is improving.
Metric / Unit of Measurement	Completion rate (%) and pass rate (%); improvement from 2025 reference
Calculation Method	Calculate completion and pass rates separately for vulnerable districts using consistent cohorts/denominators, then calculate improvement from the documented 2025 rates. Do not average the two unless a weighting method is formally approved.
Formula	Completion rate = Completers ÷ Eligible cohort × 100; Pass rate = Learners passing ÷ Learners assessed × 100; Improvement = ((Current rate – 2025 rate) ÷ 2025 rate) × 100
Numerator	Number completing or passing, and the change between current and 2025 rate for improvement calculations.
Denominator	Eligible cohort or learners assessed; for improvement, the corresponding 2025 rate.
Baseline	Moderate
Baseline Year	2025
Target	60% improvement in vulnerable districts by 2040
Target Year	2040
Data Source(s)	Primary administrative, survey or monitoring records underlying the source-specified means of verification: EMIS, MoE reports.
Means of Verification	EMIS, MoE reports
Data Collection Method	Collect each component measure from its designated administrative/survey source, apply consistent units and denominators, calculate each result separately, and maintain a linked dataset for joint interpretation.

Field	Description
Disaggregation	District/location; sex; age group; disability status; vulnerable-group category; climate hazard or intervention type where relevant.
Reporting Frequency	Annual.
Responsible Institution(s)	Proposed lead: Ministry responsible for Education (MoE); supporting: district education offices, infrastructure units and DoDMA.
Data Quality / Verification	Validate each component measure independently, using consistent units and samples; do not combine income and productivity into one number unless a documented composite method is approved; retain component-level results.
Methodological Notes / Assumptions	The source baseline is qualitative while the target requires quantitative tracking. Retain the qualitative baseline in reporting, but establish and document a numeric 2025 reference measure using the stated metric before calculating progress or percentage change. The source metric contains two education-performance measures. Report completion and pass rates separately, and only use a composite improvement score if the component weights and baseline are formally documented.
Link to Adaptation Result	Demonstrates contribution toward continuity of education through climate-resilient and disaster-proof school infrastructure.

STRATEGY 5: EMERGENCY PREPAREDNESS PLANS

Adaptation Action 12: Draft contingency and evacuation plans per district

IDS 34 — Output: District contingency and evacuation plans developed and approved

Field	Description
Indicator Level	Output
Indicator Name	District contingency and evacuation plans developed and approved
Indicator Definition	Count of districts with a formally developed and approved contingency and evacuation plan that meets the agreed minimum content and approval requirements.
Purpose / Relevance to Adaptation	Tracks implementation scale and delivery of Adaptation Action 12, showing whether the planned intervention is being put in place at the required coverage.
Metric / Unit of Measurement	Number of districts/plans

Field	Description
Calculation Method	Compile the eligible source records, apply the documented qualification/completion criteria, de-duplicate entities and count distinct qualifying units as of the reporting date.
Formula	Count = Σ qualifying unique units
Numerator	Number of distinct units meeting the indicator criterion.
Denominator	Not applicable (count indicator).
Baseline	8 districts
Baseline Year	2025
Target	28 districts
Target Year	2030
Data Source(s)	Primary administrative, survey or monitoring records underlying the source-specified means of verification: Approved district plans; DoDMA registry.
Means of Verification	Approved district plans; DoDMA registry
Data Collection Method	Extract unit-level records from the listed source systems/registers, verify that each unit meets the operational criterion and reporting-period rule, de-duplicate, and aggregate by district and other required disaggregation.
Disaggregation	District/location; facility/site type; climate hazard; implementation/operational status; population group served where relevant.
Reporting Frequency	Quarterly implementation tracking, consolidated annually.
Responsible Institution(s)	Proposed lead: DoDMA; supporting: district councils, district civil protection structures and relevant emergency services.
Data Quality / Verification	Use unique identifiers and documented eligibility/completion criteria; remove duplicates; reconcile reported counts with registers, audit records and district/facility totals; retain an audit trail for additions and corrections.
Methodological Notes / Assumptions	Unless the reporting framework specifies an annual-flow target, count values should be reported cumulatively as of the reporting date, with a separate annual increment available for management use.
Link to Adaptation Result	Provides implementation evidence for district preparedness and safer, plan-based response to climate emergencies.

IDS 35 — Outcome: District disaster responses guided by approved contingency plans

Field	Description
Indicator Level	Outcome
Indicator Name	District disaster responses guided by approved contingency plans
Indicator Definition	Percentage of the defined eligible population or units that meet the criterion represented by “District disaster responses guided by approved contingency plans” during the reporting period.
Purpose / Relevance to Adaptation	Assesses whether implementation of Adaptation Action 12 is producing the intended near- to medium-term change in access, preparedness, behaviour, service performance or livelihood resilience.
Metric / Unit of Measurement	% of emergency responses using plans
Calculation Method	Define the eligible population/unit universe for the reporting period, count those meeting the indicator criterion, divide by the total eligible population/units with valid status, and multiply by 100.
Formula	$(\text{Number meeting criterion} \div \text{Total eligible population/units}) \times 100$
Numerator	Number of eligible people/households/units meeting the indicator criterion.
Denominator	Total eligible people/households/units assessed in the same reporting period.
Baseline	<30%
Baseline Year	2025
Target	≥85%
Target Year	2030
Data Source(s)	Primary administrative, survey or monitoring records underlying the source-specified means of verification: Post-event reviews; district emergency reports.
Means of Verification	Post-event reviews; district emergency reports
Data Collection Method	Extract or survey the numerator and denominator populations using the same eligibility criteria and reference period; validate completeness, calculate the percentage, and retain disaggregated numerator/denominator counts.
Disaggregation	District/location; facility/site type; climate hazard; implementation/operational status; population group served where relevant.
Reporting Frequency	Event-based after relevant climate/disaster events, with annual consolidation and reporting.
Responsible Institution(s)	Proposed lead: DoDMA; supporting: district councils, district civil protection structures and relevant emergency services.
Data Quality / Verification	Verify that numerator and denominator refer to the same eligible population, geography and reporting period; test denominator completeness, duplicates and missing values; replicate calculations from source records.
Methodological Notes / Assumptions	The eligible denominator must be explicitly defined and held consistent across reporting periods; exclusions and missing observations should be reported.

Field	Description
Link to Adaptation Result	Shows whether implementation is translating into district preparedness and safer, plan-based response to climate emergencies.

IDS 36 — Impact: Reduction in casualties during climate-related emergencies

Field	Description
Indicator Level	Impact
Indicator Name	Reduction in casualties during climate-related emergencies
Indicator Definition	Relative reduction in deaths and injuries recorded during climate-related emergencies compared with the 2025 baseline casualty measure.
Purpose / Relevance to Adaptation	Measures the higher-order adaptation result associated with Adaptation Action 12, indicating whether climate vulnerability, disruption, loss or exposure is decreasing, or resilience is improving.
Metric / Unit of Measurement	% reduction in climate-emergency deaths and injuries from 2025 baseline
Calculation Method	Establish the numeric 2025 reference using the stated definition and source data, measure the current value using the same method, and calculate the relative decrease from baseline.
Formula	$((2025 \text{ baseline value} - \text{Current value}) \div 2025 \text{ baseline value}) \times 100$
Numerator	Difference between the 2025 baseline value and the current value.
Denominator	Numeric 2025 baseline value for the same indicator measure.
Baseline	90%
Baseline Year	2025
Target	30% reduction
Target Year	2030
Data Source(s)	Primary administrative, survey or monitoring records underlying the source-specified means of verification: DoDMA disaster impact database; NSO mortality records.
Means of Verification	DoDMA disaster impact database; NSO mortality records
Data Collection Method	Establish the 2025 reference dataset, collect the current-period value using the same protocol, calculate relative change, and document contextual factors (hazard intensity, population exposure, programme coverage) that may affect comparability.
Disaggregation	District/location; sex; age group; disability status; vulnerable-group category; climate hazard or intervention type where relevant.
Reporting Frequency	Event-based after relevant climate/disaster events, with annual consolidation and reporting.

Field	Description
Responsible Institution(s)	Proposed lead: DoDMA; supporting: district councils, district civil protection structures and relevant emergency services.
Data Quality / Verification	Freeze the baseline definition and value before trend analysis; apply the same measurement method in all periods; check numerator/denominator comparability and document any changes in hazard severity, exposure or data coverage that could affect comparability.
Methodological Notes / Assumptions	Percentage change is interpreted as relative change from the 2025 baseline unless the source framework explicitly defines a percentage-point change.
Link to Adaptation Result	Demonstrates contribution toward district preparedness and safer, plan-based response to climate emergencies.

Adaptation Action 13: Equip emergency shelters with water, power and medical supplies

IDS 37 — Output: Emergency shelters fully equipped

Field	Description
Indicator Level	Output
Indicator Name	Emergency shelters fully equipped
Indicator Definition	Count of distinct eligible units represented by “Emergency shelters fully equipped” that meet the documented completion/qualification criterion by the end of the reporting period.
Purpose / Relevance to Adaptation	Tracks implementation scale and delivery of Adaptation Action 13, showing whether the planned intervention is being put in place at the required coverage.
Metric / Unit of Measurement	Number of shelters
Calculation Method	Compile the eligible source records, apply the documented qualification/completion criteria, de-duplicate entities and count distinct qualifying units as of the reporting date.
Formula	Count = Σ qualifying unique units
Numerator	Number of distinct units meeting the indicator criterion.
Denominator	Not applicable (count indicator).
Baseline	25 shelters
Baseline Year	2025
Target	150 shelters
Target Year	2030
Data Source(s)	Primary administrative, survey or monitoring records underlying the source-specified means of verification: Shelter audit reports; district inventories.
Means of Verification	Shelter audit reports; district inventories
Data Collection Method	Extract unit-level records from the listed source systems/registers, verify that each unit meets the operational criterion and reporting-period rule, de-duplicate, and aggregate by district and other required disaggregation.

Field	Description
Disaggregation	District/location; facility/site type; climate hazard; implementation/operational status; population group served where relevant.
Reporting Frequency	Event-based after relevant climate/disaster events, with annual consolidation and reporting.
Responsible Institution(s)	Proposed lead: DoDMA and district councils for shelter readiness; supporting: shelter managers and relevant water, energy and health service providers.
Data Quality / Verification	Use unique identifiers and documented eligibility/completion criteria; remove duplicates; reconcile reported counts with registers, audit records and district/facility totals; retain an audit trail for additions and corrections.
Methodological Notes / Assumptions	Unless the reporting framework specifies an annual-flow target, count values should be reported cumulatively as of the reporting date, with a separate annual increment available for management use.
Link to Adaptation Result	Provides implementation evidence for safe and functional emergency shelter capacity during climate disasters.

IDS 38 — Outcome: Shelters operational during disasters

Field	Description
Indicator Level	Outcome
Indicator Name	Shelters operational during disasters
Indicator Definition	Percentage of the defined eligible population or units that meet the criterion represented by “Shelters operational during disasters” during the reporting period.
Purpose / Relevance to Adaptation	Assesses whether implementation of Adaptation Action 13 is producing the intended near- to medium-term change in access, preparedness, behaviour, service performance or livelihood resilience.
Metric / Unit of Measurement	% of shelters functional during events
Calculation Method	Define the eligible population/unit universe for the reporting period, count those meeting the indicator criterion, divide by the total eligible population/units with valid status, and multiply by 100.
Formula	$(\text{Number meeting criterion} \div \text{Total eligible population/units}) \times 100$
Numerator	Number of eligible people/households/units meeting the indicator criterion.
Denominator	Total eligible people/households/units assessed in the same reporting period.
Baseline	40%
Baseline Year	2025
Target	≥90%
Target Year	2030
Data Source(s)	Primary administrative, survey or monitoring records underlying the source-specified means of verification: Emergency operation reports.

Field	Description
Means of Verification	Emergency operation reports
Data Collection Method	Extract or survey the numerator and denominator populations using the same eligibility criteria and reference period; validate completeness, calculate the percentage, and retain disaggregated numerator/denominator counts.
Disaggregation	District/location; facility/site type; climate hazard; implementation/operational status; population group served where relevant.
Reporting Frequency	Event-based after relevant climate/disaster events, with annual consolidation and reporting.
Responsible Institution(s)	Proposed lead: DoDMA and district councils for shelter readiness; supporting: shelter managers and relevant water, energy and health service providers.
Data Quality / Verification	Verify that numerator and denominator refer to the same eligible population, geography and reporting period; test denominator completeness, duplicates and missing values; replicate calculations from source records.
Methodological Notes / Assumptions	The eligible denominator must be explicitly defined and held consistent across reporting periods; exclusions and missing observations should be reported.
Link to Adaptation Result	Shows whether implementation is translating into safe and functional emergency shelter capacity during climate disasters.

IDS 39 — Impact: Population safely accommodated during emergencies

Field	Description
Indicator Level	Impact
Indicator Name	Population safely accommodated during emergencies
Indicator Definition	Percentage of the defined eligible population or units that meet the criterion represented by “Population safely accommodated during emergencies” during the reporting period.
Purpose / Relevance to Adaptation	Measures the higher-order adaptation result associated with Adaptation Action 13, indicating whether climate vulnerability, disruption, loss or exposure is decreasing, or resilience is improving.
Metric / Unit of Measurement	% of displaced people sheltered
Calculation Method	Define the eligible population/unit universe for the reporting period, count those meeting the indicator criterion, divide by the total eligible population/units with valid status, and multiply by 100.
Formula	$(\text{Number meeting criterion} \div \text{Total eligible population/units}) \times 100$
Numerator	Number of eligible people/households/units meeting the indicator criterion.
Denominator	Total eligible people/households/units assessed in the same reporting period.
Baseline	45%
Baseline Year	2025
Target	≥85%
Target Year	2030
Data Source(s)	Primary administrative, survey or monitoring records underlying the source-specified means of verification: DoDMA displacement and shelter reports.
Means of Verification	DoDMA displacement and shelter reports
Data Collection Method	Extract or survey the numerator and denominator populations using the same eligibility criteria and reference period; validate completeness, calculate the percentage, and retain disaggregated numerator/denominator counts.
Disaggregation	District/location; sex; age group; disability status; household vulnerability/poverty category; urban/rural setting; climate hazard where relevant.
Reporting Frequency	Event-based after relevant climate/disaster events, with annual consolidation and reporting.
Responsible Institution(s)	Proposed lead: DoDMA and district councils for shelter readiness; supporting: shelter managers and relevant water, energy and health service providers.
Data Quality / Verification	Verify that numerator and denominator refer to the same eligible population, geography and reporting period; test denominator completeness, duplicates and missing values; replicate calculations from source records.
Methodological Notes / Assumptions	The eligible denominator must be explicitly defined and held consistent across reporting periods; exclusions and missing observations should be reported.

Field	Description
Link to Adaptation Result	Demonstrates contribution toward safe and functional emergency shelter capacity during climate disasters.

Adaptation Action 14: Train local disaster preparedness teams

IDS 40 — Output: Community and district disaster teams trained

Field	Description
Indicator Level	Output
Indicator Name	Community and district disaster teams trained
Indicator Definition	Count of distinct eligible units represented by “Community and district disaster teams trained” that meet the documented completion/qualification criterion by the end of the reporting period.
Purpose / Relevance to Adaptation	Tracks implementation scale and delivery of Adaptation Action 14, showing whether the planned intervention is being put in place at the required coverage.
Metric / Unit of Measurement	Number of personnel
Calculation Method	Compile the eligible source records, apply the documented qualification/completion criteria, de-duplicate entities and count distinct qualifying units as of the reporting date.
Formula	Count = Σ qualifying unique units
Numerator	Number of distinct units meeting the indicator criterion.
Denominator	Not applicable (count indicator).
Baseline	600 persons
Baseline Year	2025
Target	4,000 persons
Target Year	2030
Data Source(s)	Primary administrative, survey or monitoring records underlying the source-specified means of verification: Attendance registers; certificates.
Means of Verification	Attendance registers; certificates
Data Collection Method	Extract unit-level records from the listed source systems/registers, verify that each unit meets the operational criterion and reporting-period rule, de-duplicate, and aggregate by district and other required disaggregation.
Disaggregation	District/location; sex; age group; disability status; household vulnerability/poverty category; urban/rural setting; climate hazard where relevant.
Reporting Frequency	Event-based after relevant climate/disaster events, with annual consolidation and reporting.
Responsible Institution(s)	Proposed lead: DoDMA; supporting: district councils and community/district disaster preparedness structures.
Data Quality / Verification	Use unique identifiers and documented eligibility/completion criteria; remove duplicates; reconcile reported counts with registers, audit records and district/facility totals; retain an audit trail for additions and corrections.

Field	Description
Methodological Notes / Assumptions	Unless the reporting framework specifies an annual-flow target, count values should be reported cumulatively as of the reporting date, with a separate annual increment available for management use.
Link to Adaptation Result	Provides implementation evidence for faster, better coordinated local disaster response capacity.

IDS 41 — Outcome: Timely and coordinated local disaster response

Field	Description
Indicator Level	Outcome
Indicator Name	Timely and coordinated local disaster response
Indicator Definition	Percentage of reviewed local disaster responses that meet the approved threshold for timely and coordinated performance.
Purpose / Relevance to Adaptation	Assesses whether implementation of Adaptation Action 14 is producing the intended near- to medium-term change in access, preparedness, behaviour, service performance or livelihood resilience.
Metric / Unit of Measurement	% of local disaster responses rated effective against an approved assessment rubric
Calculation Method	Define the eligible population/unit universe for the reporting period, count those meeting the indicator criterion, divide by the total eligible population/units with valid status, and multiply by 100.
Formula	$(\text{Number meeting criterion} \div \text{Total eligible population/units}) \times 100$
Numerator	Number of eligible people/households/units meeting the indicator criterion.
Denominator	Total eligible people/households/units assessed in the same reporting period.
Baseline	35%
Baseline Year	2025
Target	≥80%
Target Year	2030
Data Source(s)	Primary administrative, survey or monitoring records underlying the source-specified means of verification: After-action reviews.
Means of Verification	After-action reviews
Data Collection Method	Extract or survey the numerator and denominator populations using the same eligibility criteria and reference period; validate completeness, calculate the percentage, and retain disaggregated numerator/denominator counts.
Disaggregation	District/location; sex; age group; disability status; vulnerable-group category; climate hazard or intervention type where relevant.
Reporting Frequency	Event-based after relevant climate/disaster events, with annual consolidation and reporting.

Field	Description
Responsible Institution(s)	Proposed lead: DoDMA; supporting: district councils and community/district disaster preparedness structures.
Data Quality / Verification	Verify that numerator and denominator refer to the same eligible population, geography and reporting period; test denominator completeness, duplicates and missing values; replicate calculations from source records.
Methodological Notes / Assumptions	The eligible denominator must be explicitly defined and held consistent across reporting periods; exclusions and missing observations should be reported.
Link to Adaptation Result	Shows whether implementation is translating into faster, better coordinated local disaster response capacity.

IDS 42 — Impact: Reduction in response time to climate shocks

Field	Description
Indicator Level	Impact
Indicator Name	Reduction in response time to climate shocks
Indicator Definition	Elapsed time from the defined emergency trigger/notification point to the defined effective local response milestone for climate shocks.
Purpose / Relevance to Adaptation	Measures the higher-order adaptation result associated with Adaptation Action 14, indicating whether climate vulnerability, disruption, loss or exposure is decreasing, or resilience is improving.
Metric / Unit of Measurement	Average/median response time (minutes), with change from 2025 baseline
Calculation Method	For each eligible climate shock, record the approved response start timestamp and the timestamp at which the defined response milestone is achieved; calculate elapsed minutes and summarize across events.
Formula	Average response time (minutes) = Σ elapsed response minutes $\div$ Number of eligible incidents
Numerator	Sum of elapsed response minutes for eligible climate-shock incidents.
Denominator	Number of eligible incidents with complete timestamps.
Baseline	120 minutes
Baseline Year	2025
Target	<45 minutes
Target Year	2030
Data Source(s)	Primary administrative, survey or monitoring records underlying the source-specified means of verification: Incident response logs.
Means of Verification	Incident response logs
Data Collection Method	Extract event-level timestamps from operational/finance logs, validate the agreed trigger and completion points, calculate elapsed time for each case, and aggregate for the reporting period.

Field	Description
Disaggregation	District/location; sex; age group; disability status; vulnerable-group category; climate hazard or intervention type where relevant.
Reporting Frequency	Event-based after relevant climate/disaster events, with annual consolidation and reporting.
Responsible Institution(s)	Proposed lead: DoDMA; supporting: district councils and community/district disaster preparedness structures.
Data Quality / Verification	Validate event and disbursement/response timestamps against source logs; define start/end timestamps consistently; investigate missing or negative elapsed times and outliers; retain event-level records.
Methodological Notes / Assumptions	Apply the indicator definition, eligibility rules and reference period consistently across all reporting cycles. Document any methodological revision before comparing with the baseline or target.
Link to Adaptation Result	Demonstrates contribution toward faster, better coordinated local disaster response capacity.

STRATEGY 6: INTERNAL DISPLACEMENT

Adaptation Action 15: Identify vulnerable groups through household surveys

IDS 43 — Output: Household displacement and vulnerability surveys conducted

Field	Description
Indicator Level	Output
Indicator Name	Household displacement and vulnerability surveys conducted
Indicator Definition	Count of districts for which a household displacement and vulnerability survey has been completed using the approved methodology and dataset finalized for use.
Purpose / Relevance to Adaptation	Tracks implementation scale and delivery of Adaptation Action 15, showing whether the planned intervention is being put in place at the required coverage.
Metric / Unit of Measurement	Number of districts
Calculation Method	Compile the eligible source records, apply the documented qualification/completion criteria, de-duplicate entities and count distinct qualifying units as of the reporting date.
Formula	Count = Σ qualifying unique units
Numerator	Number of distinct units meeting the indicator criterion.
Denominator	Not applicable (count indicator).
Baseline	5
Baseline Year	2025
Target	28
Target Year	2030

Field	Description
Data Source(s)	Primary administrative, survey or monitoring records underlying the source-specified means of verification: Survey datasets; NSO publications.
Means of Verification	Survey datasets; NSO publications
Data Collection Method	Extract unit-level records from the listed source systems/registers, verify that each unit meets the operational criterion and reporting-period rule, de-duplicate, and aggregate by district and other required disaggregation.
Disaggregation	District/location; sex; age group; disability status; household vulnerability/poverty category; urban/rural setting; climate hazard where relevant.
Reporting Frequency	Annual where administrative data are available; otherwise aligned with the relevant household/survey cycle, with at least biennial synthesis.
Responsible Institution(s)	Proposed lead: NSO for survey production and DoDMA for displacement planning; supporting: district councils and social protection actors.
Data Quality / Verification	Use unique identifiers and documented eligibility/completion criteria; remove duplicates; reconcile reported counts with registers, audit records and district/facility totals; retain an audit trail for additions and corrections.
Methodological Notes / Assumptions	Unless the reporting framework specifies an annual-flow target, count values should be reported cumulatively as of the reporting date, with a separate annual increment available for management use.
Link to Adaptation Result	Provides implementation evidence for evidence-based targeting and reduced vulnerability of repeatedly displaced households.

IDS 44 — Outcome: Displacement planning informed by disaggregated data

Field	Description
Indicator Level	Outcome
Indicator Name	Displacement planning informed by disaggregated data
Indicator Definition	Percentage of the defined eligible population or units that meet the criterion represented by “Displacement planning informed by disaggregated data” during the reporting period.
Purpose / Relevance to Adaptation	Assesses whether implementation of Adaptation Action 15 is producing the intended near- to medium-term change in access, preparedness, behaviour, service performance or livelihood resilience.
Metric / Unit of Measurement	% of district plans using survey data
Calculation Method	Define the eligible population/unit universe for the reporting period, count those meeting the indicator criterion, divide by the total eligible population/units with valid status, and multiply by 100.
Formula	$(\text{Number meeting criterion} \div \text{Total eligible population/units}) \times 100$
Numerator	Number of eligible people/households/units meeting the indicator criterion.
Denominator	Total eligible people/households/units assessed in the same reporting period.
Baseline	<20%
Baseline Year	2025
Target	≥80%
Target Year	2030
Data Source(s)	Primary administrative, survey or monitoring records underlying the source-specified means of verification: District plans; DoDMA planning reviews.
Means of Verification	District plans; DoDMA planning reviews
Data Collection Method	Extract or survey the numerator and denominator populations using the same eligibility criteria and reference period; validate completeness, calculate the percentage, and retain disaggregated numerator/denominator counts.
Disaggregation	District/location; facility/site type; climate hazard; implementation/operational status; population group served where relevant.
Reporting Frequency	Annual.
Responsible Institution(s)	Proposed lead: NSO for survey production and DoDMA for displacement planning; supporting: district councils and social protection actors.
Data Quality / Verification	Verify that numerator and denominator refer to the same eligible population, geography and reporting period; test denominator completeness, duplicates and missing values; replicate calculations from source records.
Methodological Notes / Assumptions	The eligible denominator must be explicitly defined and held consistent across reporting periods; exclusions and missing observations should be reported.

Field	Description
Link to Adaptation Result	Shows whether implementation is translating into evidence-based targeting and reduced vulnerability of repeatedly displaced households.

IDS 45 — Impact: Reduced vulnerability among repeatedly displaced households

Field	Description
Indicator Level	Impact
Indicator Name	Reduced vulnerability among repeatedly displaced households
Indicator Definition	Share of repeatedly displaced IDP households that receive support explicitly targeted to their assessed vulnerability, used as the source-specified proxy for reduced vulnerability.
Purpose / Relevance to Adaptation	Measures the higher-order adaptation result associated with Adaptation Action 15, indicating whether climate vulnerability, disruption, loss or exposure is decreasing, or resilience is improving.
Metric / Unit of Measurement	% of repeatedly displaced IDP households receiving targeted support
Calculation Method	Define the eligible population/unit universe for the reporting period, count those meeting the indicator criterion, divide by the total eligible population/units with valid status, and multiply by 100.
Formula	$(\text{Number meeting criterion} \div \text{Total eligible population/units}) \times 100$
Numerator	Number of eligible people/households/units meeting the indicator criterion.
Denominator	Total eligible people/households/units assessed in the same reporting period.
Baseline	30%
Baseline Year	2025
Target	≥70%
Target Year	2030
Data Source(s)	Primary administrative, survey or monitoring records underlying the source-specified means of verification: Social protection and IDP assistance records.
Means of Verification	Social protection and IDP assistance records
Data Collection Method	Extract or survey the numerator and denominator populations using the same eligibility criteria and reference period; validate completeness, calculate the percentage, and retain disaggregated numerator/denominator counts.
Disaggregation	District/location; sex; age group; disability status; household vulnerability/poverty category; urban/rural setting; climate hazard where relevant.
Reporting Frequency	Annual where administrative data are available; otherwise aligned with the relevant household/survey cycle, with at least biennial synthesis.

Field	Description
Responsible Institution(s)	Proposed lead: NSO for survey production and DoDMA for displacement planning; supporting: district councils and social protection actors.
Data Quality / Verification	Verify that numerator and denominator refer to the same eligible population, geography and reporting period; test denominator completeness, duplicates and missing values; replicate calculations from source records.
Methodological Notes / Assumptions	The eligible denominator must be explicitly defined and held consistent across reporting periods; exclusions and missing observations should be reported. The source metric (% of IDP households receiving targeted support) is a coverage proxy for reduced vulnerability rather than a direct vulnerability measure. Report it as the specified proxy and avoid interpreting support coverage alone as proof that vulnerability has fallen.
Link to Adaptation Result	Demonstrates contribution toward evidence-based targeting and reduced vulnerability of repeatedly displaced households.

Adaptation Action 16: Expand climate-resilient WASH systems in IDP reception areas

IDS 46 — Output: IDP reception sites with resilient WASH facilities

Field	Description
Indicator Level	Output
Indicator Name	IDP reception sites with resilient WASH facilities
Indicator Definition	Count of distinct eligible units represented by “IDP reception sites with resilient WASH facilities” that meet the documented completion/qualification criterion by the end of the reporting period.
Purpose / Relevance to Adaptation	Tracks implementation scale and delivery of Adaptation Action 16, showing whether the planned intervention is being put in place at the required coverage.
Metric / Unit of Measurement	Number of sites
Calculation Method	Compile the eligible source records, apply the documented qualification/completion criteria, de-duplicate entities and count distinct qualifying units as of the reporting date.
Formula	Count = Σ qualifying unique units
Numerator	Number of distinct units meeting the indicator criterion.
Denominator	Not applicable (count indicator).
Baseline	12 sites
Baseline Year	2025
Target	80 sites
Target Year	2030
Data Source(s)	Primary administrative, survey or monitoring records underlying the source-specified means of verification: Infrastructure completion reports.

Field	Description
Means of Verification	Infrastructure completion reports
Data Collection Method	Extract unit-level records from the listed source systems/registers, verify that each unit meets the operational criterion and reporting-period rule, de-duplicate, and aggregate by district and other required disaggregation.
Disaggregation	Camp/site; sex; age group; disability status; household vulnerability/poverty category; urban/rural setting; climate hazard where relevant.
Reporting Frequency	Quarterly implementation tracking, consolidated annually.
Responsible Institution(s)	Proposed lead: institution managing IDP reception sites/DoDMA; supporting: district councils and institutions responsible for WASH and health.
Data Quality / Verification	Use unique identifiers and documented eligibility/completion criteria; remove duplicates; reconcile reported counts with registers, audit records and district/facility totals; retain an audit trail for additions and corrections.
Methodological Notes / Assumptions	Unless the reporting framework specifies an annual-flow target, count values should be reported cumulatively as of the reporting date, with a separate annual increment available for management use.
Link to Adaptation Result	Provides implementation evidence for safe, reliable WASH services for internally displaced populations.

IDS 47— Outcome: IDPs with sustained access to safe water and sanitation

Field	Description
Indicator Level	Outcome
Indicator Name	IDPs with sustained access to safe water and sanitation
Indicator Definition	Percentage of the defined eligible population or units that meet the criterion represented by “IDPs with sustained access to safe water and sanitation” during the reporting period.
Purpose / Relevance to Adaptation	Assesses whether implementation of Adaptation Action 16 is producing the intended near- to medium-term change in access, preparedness, behaviour, service performance or livelihood resilience.
Metric / Unit of Measurement	% of IDPs
Calculation Method	Define the eligible population/unit universe for the reporting period, count those meeting the indicator criterion, divide by the total eligible population/units with valid status, and multiply by 100.
Formula	$(\text{Number meeting criterion} \div \text{Total eligible population/units}) \times 100$
Numerator	Number of eligible people/households/units meeting the indicator criterion.
Denominator	Total eligible people/households/units assessed in the same reporting period.
Baseline	50%
Baseline Year	2025

Field	Description
Target	≥90%
Target Year	2030
Data Source(s)	Primary administrative, survey or monitoring records underlying the source-specified means of verification: Camp WASH monitoring data.
Means of Verification	Camp WASH monitoring data
Data Collection Method	Extract or survey the numerator and denominator populations using the same eligibility criteria and reference period; validate completeness, calculate the percentage, and retain disaggregated numerator/denominator counts.
Disaggregation	Camp/site; sex; age group; disability status; household vulnerability/poverty category; urban/rural setting; climate hazard where relevant.
Reporting Frequency	Annual.
Responsible Institution(s)	Proposed lead: institution managing IDP reception sites/DoDMA; supporting: district councils and institutions responsible for WASH and health.
Data Quality / Verification	Verify that numerator and denominator refer to the same eligible population, geography and reporting period; test denominator completeness, duplicates and missing values; replicate calculations from source records.
Methodological Notes / Assumptions	The eligible denominator must be explicitly defined and held consistent across reporting periods; exclusions and missing observations should be reported.
Link to Adaptation Result	Shows whether implementation is translating into safe, reliable WASH services for internally displaced populations.

IDS 48 — Impact: Reduction in WASH-related disease outbreaks in IDP sites

Field	Description
Indicator Level	Impact
Indicator Name	Reduction in WASH-related disease outbreaks in IDP sites
Indicator Definition	Relative reduction in WASH-related disease outbreaks in IDP reception sites compared with the 2025 baseline.
Purpose / Relevance to Adaptation	Measures the higher-order adaptation result associated with Adaptation Action 16, indicating whether climate vulnerability, disruption, loss or exposure is decreasing, or resilience is improving.
Metric / Unit of Measurement	% reduction in WASH-related disease outbreaks in IDP sites from 2025 baseline
Calculation Method	Establish the numeric 2025 reference using the stated definition and source data, measure the current value using the same method, and calculate the relative decrease from baseline.
Formula	$((2025 \text{ baseline value} - \text{Current value}) \div 2025 \text{ baseline value}) \times 100$
Numerator	Difference between the 2025 baseline value and the current value.
Denominator	Numeric 2025 baseline value for the same indicator measure.
Baseline	90%
Baseline Year	2025
Target	60% reduction
Target Year	2030
Data Source(s)	Primary administrative, survey or monitoring records underlying the source-specified means of verification: MoH surveillance data; DHIS2.
Means of Verification	MoH surveillance data; DHIS2
Data Collection Method	Establish the 2025 reference dataset, collect the current-period value using the same protocol, calculate relative change, and document contextual factors (hazard intensity, population exposure, programme coverage) that may affect comparability.
Disaggregation	Camp/site; sex; age group; disability status; household vulnerability/poverty category; urban/rural setting; climate hazard where relevant.
Reporting Frequency	Event-based after relevant climate/disaster events, with annual consolidation and reporting.
Responsible Institution(s)	Proposed lead: institution managing IDP reception sites/DoDMA; supporting: district councils and institutions responsible for WASH and health.
Data Quality / Verification	Freeze the baseline definition and value before trend analysis; apply the same measurement method in all periods; check numerator/denominator comparability and document any changes in hazard severity, exposure or data coverage that could affect comparability.

Field	Description
Methodological Notes / Assumptions	Percentage change is interpreted as relative change from the 2025 baseline unless the source framework explicitly defines a percentage-point change.
Link to Adaptation Result	Demonstrates contribution toward safe, reliable WASH services for internally displaced populations.

STRATEGY 7: MIGRANTS IN VULNERABLE SITUATIONS

Adaptation Action 17: Strengthen evidence-based planning for climate mobility

IDS 49 — Output: Climate mobility and protection planning tools developed

Field	Description
Indicator Level	Output
Indicator Name	Climate mobility and protection planning tools developed
Indicator Definition	Count of distinct eligible units represented by “Climate mobility and protection planning tools developed” that meet the documented completion/qualification criterion by the end of the reporting period.
Purpose / Relevance to Adaptation	Tracks implementation scale and delivery of Adaptation Action 17, showing whether the planned intervention is being put in place at the required coverage.
Metric / Unit of Measurement	Number of tools/guidelines
Calculation Method	Compile the eligible source records, apply the documented qualification/completion criteria, de-duplicate entities and count distinct qualifying units as of the reporting date.
Formula	Count = Σ qualifying unique units
Numerator	Number of distinct units meeting the indicator criterion.
Denominator	Not applicable (count indicator).
Baseline	0
Baseline Year	2025
Target	4 tools
Target Year	2030
Data Source(s)	Primary administrative, survey or monitoring records underlying the source-specified means of verification: Policy and guidance documents.
Means of Verification	Policy and guidance documents
Data Collection Method	Extract unit-level records from the listed source systems/registers, verify that each unit meets the operational criterion and reporting-period rule, de-duplicate, and aggregate by district and other required disaggregation.

Field	Description
Disaggregation	District/location; facility/site type; climate hazard; implementation/operational status; population group served where relevant.
Reporting Frequency	Quarterly implementation tracking, consolidated annually.
Responsible Institution(s)	Proposed lead: national institution designated to coordinate migration/climate-mobility planning; supporting: DoDMA, NSO, district councils and relevant sector ministries.
Data Quality / Verification	Use unique identifiers and documented eligibility/completion criteria; remove duplicates; reconcile reported counts with registers, audit records and district/facility totals; retain an audit trail for additions and corrections.
Methodological Notes / Assumptions	Unless the reporting framework specifies an annual-flow target, count values should be reported cumulatively as of the reporting date, with a separate annual increment available for management use.
Link to Adaptation Result	Provides implementation evidence for evidence-based planning that reduces climate-related mobility risks.

IDS 50 — Outcome: National and district plans integrating mobility risks

Field	Description
Indicator Level	Outcome
Indicator Name	National and district plans integrating mobility risks
Indicator Definition	Percentage of the defined eligible population or units that meet the criterion represented by “National and district plans integrating mobility risks” during the reporting period.
Purpose / Relevance to Adaptation	Assesses whether implementation of Adaptation Action 17 is producing the intended near- to medium-term change in access, preparedness, behaviour, service performance or livelihood resilience.
Metric / Unit of Measurement	% of plans
Calculation Method	Define the eligible population/unit universe for the reporting period, count those meeting the indicator criterion, divide by the total eligible population/units with valid status, and multiply by 100.
Formula	$(\text{Number meeting criterion} \div \text{Total eligible population/units}) \times 100$
Numerator	Number of eligible people/households/units meeting the indicator criterion.
Denominator	Total eligible people/households/units assessed in the same reporting period.
Baseline	10%
Baseline Year	2025
Target	≥70%
Target Year	2030
Data Source(s)	Primary administrative, survey or monitoring records underlying the source-specified means of verification: Sector plans; policy reviews.
Means of Verification	Sector plans; policy reviews

Field	Description
Data Collection Method	Extract or survey the numerator and denominator populations using the same eligibility criteria and reference period; validate completeness, calculate the percentage, and retain disaggregated numerator/denominator counts.
Disaggregation	District/location; facility/site type; climate hazard; implementation/operational status; population group served where relevant.
Reporting Frequency	Annual.
Responsible Institution(s)	Proposed lead: national institution designated to coordinate migration/climate-mobility planning; supporting: DoDMA, NSO, district councils and relevant sector ministries.
Data Quality / Verification	Verify that numerator and denominator refer to the same eligible population, geography and reporting period; test denominator completeness, duplicates and missing values; replicate calculations from source records.
Methodological Notes / Assumptions	The eligible denominator must be explicitly defined and held consistent across reporting periods; exclusions and missing observations should be reported.
Link to Adaptation Result	Shows whether implementation is translating into evidence-based planning that reduces climate-related mobility risks.

IDS 51 — Impact: Reduced exposure of migrants to climate-related risks

Field	Description
Indicator Level	Impact
Indicator Name	Reduced exposure of migrants to climate-related risks
Indicator Definition	Reduction in the share of migrant households located in areas classified as high climate risk compared with the 2025 baseline exposure share.
Purpose / Relevance to Adaptation	Measures the higher-order adaptation result associated with Adaptation Action 17, indicating whether climate vulnerability, disruption, loss or exposure is decreasing, or resilience is improving.
Metric / Unit of Measurement	% of migrant households in high-risk locations and relative % reduction from 2025 baseline
Calculation Method	Establish the numeric 2025 reference using the stated definition and source data, measure the current value using the same method, and calculate the relative decrease from baseline.
Formula	$((2025 \text{ baseline value} - \text{Current value}) \div 2025 \text{ baseline value}) \times 100$
Numerator	Difference between the 2025 baseline value and the current value.
Denominator	Numeric 2025 baseline value for the same indicator measure.
Baseline	90%
Baseline Year	2025
Target	40% reduction
Target Year	2030

Field	Description
Data Source(s)	Primary administrative, survey or monitoring records underlying the source-specified means of verification: Household surveys; NSO data.
Means of Verification	Household surveys; NSO data
Data Collection Method	Establish the 2025 reference dataset, collect the current-period value using the same protocol, calculate relative change, and document contextual factors (hazard intensity, population exposure, programme coverage) that may affect comparability.
Disaggregation	District/location; sex; age group; disability status; household vulnerability/poverty category; urban/rural setting; climate hazard where relevant.
Reporting Frequency	Annual.
Responsible Institution(s)	Proposed lead: national institution designated to coordinate migration/climate-mobility planning; supporting: DoDMA, NSO, district councils and relevant sector ministries.
Data Quality / Verification	Freeze the baseline definition and value before trend analysis; apply the same measurement method in all periods; check numerator/denominator comparability and document any changes in hazard severity, exposure or data coverage that could affect comparability.
Methodological Notes / Assumptions	Percentage change is interpreted as relative change from the 2025 baseline unless the source framework explicitly defines a percentage-point change. The source target is stated as a 40% reduction while the metric is the share of migrant households in high-risk locations. Track the current exposure share and compute the relative reduction from the 2025 baseline; retain the source target wording.
Link to Adaptation Result	Demonstrates contribution toward evidence-based planning that reduces climate-related mobility risks.

STRATEGY 8: TRAPPED POPULATIONS

Adaptation Action 18: Promote local employment opportunities in high-risk areas

IDS 52— Output: Climate-vulnerable people engaged in local employment

Field	Description
Indicator Level	Output
Indicator Name	Climate-vulnerable people engaged in local employment
Indicator Definition	Count of distinct eligible units represented by “Climate-vulnerable people engaged in local employment” that meet the documented completion/qualification criterion by the end of the reporting period.
Purpose / Relevance to Adaptation	Tracks implementation scale and delivery of Adaptation Action 18, showing whether the planned intervention is being put in place at the required coverage.
Metric / Unit of Measurement	Number of beneficiaries
Calculation Method	Compile the eligible source records, apply the documented qualification/completion criteria, de-duplicate entities and count distinct qualifying units as of the reporting date.
Formula	Count = Σ qualifying unique units
Numerator	Number of distinct units meeting the indicator criterion.
Denominator	Not applicable (count indicator).
Baseline	6,000 persons
Baseline Year	2025
Target	50,000 persons
Target Year	2030
Data Source(s)	Primary administrative, survey or monitoring records underlying the source-specified means of verification: Programme beneficiary registers.
Means of Verification	Programme beneficiary registers
Data Collection Method	Extract unit-level records from the listed source systems/registers, verify that each unit meets the operational criterion and reporting-period rule, de-duplicate, and aggregate by district and other required disaggregation.
Disaggregation	District/location; sex; age group; disability status where available; cadre/training type or employment type; vulnerable-group category.
Reporting Frequency	Quarterly implementation tracking, consolidated annually.
Responsible Institution(s)	Proposed lead: institution responsible for labour/employment and social protection; supporting: district councils, programme implementers and NSO.
Data Quality / Verification	Use unique identifiers and documented eligibility/completion criteria; remove duplicates; reconcile reported counts with registers, audit records and district/facility totals; retain an audit trail for additions and corrections.

Field	Description
Methodological Notes / Assumptions	Unless the reporting framework specifies an annual-flow target, count values should be reported cumulatively as of the reporting date, with a separate annual increment available for management use.
Link to Adaptation Result	Provides implementation evidence for local livelihood options that reduce distress migration and immobility risk.

IDS 53 — Outcome: Household income diversification among trapped populations

Field	Description
Indicator Level	Outcome
Indicator Name	Household income diversification among trapped populations
Indicator Definition	Percentage of the defined eligible population or units that meet the criterion represented by “Household income diversification among trapped populations” during the reporting period.
Purpose / Relevance to Adaptation	Assesses whether implementation of Adaptation Action 18 is producing the intended near- to medium-term change in access, preparedness, behaviour, service performance or livelihood resilience.
Metric / Unit of Measurement	% of households with ≥2 income sources
Calculation Method	Define the eligible population/unit universe for the reporting period, count those meeting the indicator criterion, divide by the total eligible population/units with valid status, and multiply by 100.
Formula	$(\text{Number meeting criterion} \div \text{Total eligible population/units}) \times 100$
Numerator	Number of eligible people/households/units meeting the indicator criterion.
Denominator	Total eligible people/households/units assessed in the same reporting period.
Baseline	25%
Baseline Year	2025
Target	≥60%
Target Year	2030
Data Source(s)	Primary administrative, survey or monitoring records underlying the source-specified means of verification: Household surveys.
Means of Verification	Household surveys
Data Collection Method	Extract or survey the numerator and denominator populations using the same eligibility criteria and reference period; validate completeness, calculate the percentage, and retain disaggregated numerator/denominator counts.
Disaggregation	District/location; sex; age group; disability status; household vulnerability/poverty category; urban/rural setting; climate hazard where relevant.

Field	Description
Reporting Frequency	Annual where administrative data are available; otherwise aligned with the relevant household/survey cycle, with at least biennial synthesis.
Responsible Institution(s)	Proposed lead: institution responsible for labour/employment and social protection; supporting: district councils, programme implementers and NSO.
Data Quality / Verification	Verify that numerator and denominator refer to the same eligible population, geography and reporting period; test denominator completeness, duplicates and missing values; replicate calculations from source records.
Methodological Notes / Assumptions	The eligible denominator must be explicitly defined and held consistent across reporting periods; exclusions and missing observations should be reported.
Link to Adaptation Result	Shows whether implementation is translating into local livelihood options that reduce distress migration and immobility risk.

IDS 54 — Impact: Reduced distress migration and immobility risks

Field	Description
Indicator Level	Impact
Indicator Name	Reduced distress migration and immobility risks
Indicator Definition	Reduction in the share of households in high-risk areas reporting that they are unable to relocate when needed, used as a measure of immobility risk.
Purpose / Relevance to Adaptation	Measures the higher-order adaptation result associated with Adaptation Action 18, indicating whether climate vulnerability, disruption, loss or exposure is decreasing, or resilience is improving.
Metric / Unit of Measurement	% of households reporting inability to relocate and relative % reduction from 2025 baseline
Calculation Method	Establish the numeric 2025 reference using the stated definition and source data, measure the current value using the same method, and calculate the relative decrease from baseline.
Formula	$((2025 \text{ baseline value} - \text{Current value}) \div 2025 \text{ baseline value}) \times 100$
Numerator	Difference between the 2025 baseline value and the current value.
Denominator	Numeric 2025 baseline value for the same indicator measure.
Baseline	90%
Baseline Year	2025
Target	35% reduction
Target Year	2030
Data Source(s)	Primary administrative, survey or monitoring records underlying the source-specified means of verification: NSO vulnerability assessments.
Means of Verification	NSO vulnerability assessments

Field	Description
Data Collection Method	Establish the 2025 reference dataset, collect the current-period value using the same protocol, calculate relative change, and document contextual factors (hazard intensity, population exposure, programme coverage) that may affect comparability.
Disaggregation	District/route/location; mobility/grazing route; hazard type; conflict/incident type; affected livelihood group.
Reporting Frequency	Annual where administrative data are available; otherwise aligned with the relevant household/survey cycle, with at least biennial synthesis.
Responsible Institution(s)	Proposed lead: institution responsible for labour/employment and social protection; supporting: district councils, programme implementers and NSO.
Data Quality / Verification	Freeze the baseline definition and value before trend analysis; apply the same measurement method in all periods; check numerator/denominator comparability and document any changes in hazard severity, exposure or data coverage that could affect comparability.
Methodological Notes / Assumptions	Percentage change is interpreted as relative change from the 2025 baseline unless the source framework explicitly defines a percentage-point change. The source target is stated as a 35% reduction while the metric is the share of households reporting inability to relocate. Track the current share and the relative reduction from the 2025 baseline; retain the source target wording.
Link to Adaptation Result	Demonstrates contribution toward local livelihood options that reduce distress migration and immobility risk.

Adaptation Action 19: Support skills development and market access

IDS 55 — Output: People trained and linked to markets

Field	Description
Indicator Level	Output
Indicator Name	People trained and linked to markets
Indicator Definition	Count of distinct eligible units represented by “People trained and linked to markets” that meet the documented completion/qualification criterion by the end of the reporting period.
Purpose / Relevance to Adaptation	Tracks implementation scale and delivery of Adaptation Action 19, showing whether the planned intervention is being put in place at the required coverage.
Metric / Unit of Measurement	Number of beneficiaries
Calculation Method	Compile the eligible source records, apply the documented qualification/completion criteria, de-duplicate entities and count distinct qualifying units as of the reporting date.
Formula	Count = Σ qualifying unique units
Numerator	Number of distinct units meeting the indicator criterion.
Denominator	Not applicable (count indicator).
Baseline	3,000
Baseline Year	2025
Target	30,000
Target Year	2030
Data Source(s)	Primary administrative, survey or monitoring records underlying the source-specified means of verification: Training completion and linkage records.
Means of Verification	Training completion and linkage records
Data Collection Method	Extract unit-level records from the listed source systems/registers, verify that each unit meets the operational criterion and reporting-period rule, de-duplicate, and aggregate by district and other required disaggregation.
Disaggregation	District/location; sex; age group; disability status where available; cadre/training type or employment type; vulnerable-group category.
Reporting Frequency	Quarterly implementation tracking, consolidated annually.
Responsible Institution(s)	Proposed lead: institution responsible for skills/employment development; supporting: labour/trade institutions, district councils, training providers and NSO.
Data Quality / Verification	Use unique identifiers and documented eligibility/completion criteria; remove duplicates; reconcile reported counts with registers, audit records and district/facility totals; retain an audit trail for additions and corrections.
Methodological Notes / Assumptions	Unless the reporting framework specifies an annual-flow target, count values should be reported cumulatively as of the reporting date, with a separate annual increment available for management use.

Field	Description
Link to Adaptation Result	Provides implementation evidence for skills, employment and market access that strengthen adaptive capacity of trapped populations.

IDS 56 — Outcome: Employment or self-employment rate among trainees

Field	Description
Indicator Level	Outcome
Indicator Name	Employment or self-employment rate among trainees
Indicator Definition	Percentage of the defined eligible population or units that meet the criterion represented by “Employment or self-employment rate among trainees” during the reporting period.
Purpose / Relevance to Adaptation	Assesses whether implementation of Adaptation Action 19 is producing the intended near- to medium-term change in access, preparedness, behaviour, service performance or livelihood resilience.
Metric / Unit of Measurement	% employed
Calculation Method	Define the eligible population/unit universe for the reporting period, count those meeting the indicator criterion, divide by the total eligible population/units with valid status, and multiply by 100.
Formula	$(\text{Number meeting criterion} \div \text{Total eligible population/units}) \times 100$
Numerator	Number of eligible people/households/units meeting the indicator criterion.
Denominator	Total eligible people/households/units assessed in the same reporting period.
Baseline	30%
Baseline Year	2025
Target	≥70%
Target Year	2030
Data Source(s)	Primary administrative, survey or monitoring records underlying the source-specified means of verification: Tracer studies.
Means of Verification	Tracer studies
Data Collection Method	Extract or survey the numerator and denominator populations using the same eligibility criteria and reference period; validate completeness, calculate the percentage, and retain disaggregated numerator/denominator counts.
Disaggregation	District/location; sex of beneficiary or household head; age group; disability status; livelihood/employment type; wealth/poverty quintile; vulnerable-group category.
Reporting Frequency	Annual.
Responsible Institution(s)	Proposed lead: institution responsible for skills/employment development; supporting: labour/trade institutions, district councils, training providers and NSO.

Field	Description
Data Quality / Verification	Verify that numerator and denominator refer to the same eligible population, geography and reporting period; test denominator completeness, duplicates and missing values; replicate calculations from source records.
Methodological Notes / Assumptions	The eligible denominator must be explicitly defined and held consistent across reporting periods; exclusions and missing observations should be reported.
Link to Adaptation Result	Shows whether implementation is translating into skills, employment and market access that strengthen adaptive capacity of trapped populations.

IDS 57 — Impact: Increased adaptive capacity of trapped populations

Field	Description
Indicator Level	Impact
Indicator Name	Increased adaptive capacity of trapped populations
Indicator Definition	Relative increase in the share of target trapped-population households living above the national poverty line compared with the 2025 baseline.
Purpose / Relevance to Adaptation	Measures the higher-order adaptation result associated with Adaptation Action 19, indicating whether climate vulnerability, disruption, loss or exposure is decreasing, or resilience is improving.
Metric / Unit of Measurement	% of target households above the national poverty line and relative % increase from 2025 baseline
Calculation Method	Calculate the share of target households above the national poverty line in the reporting period and then calculate the relative increase from the 2025 baseline share of 10%.
Formula	Current share = Households above poverty line ÷ Target households assessed × 100; % increase = ((Current share – 10%) ÷ 10%) × 100
Numerator	Target households above the national poverty line; for change, current share minus the 10% baseline share.
Denominator	Total target households assessed; for change, the 10% baseline share.
Baseline	10%
Baseline Year	2025
Target	25% increase
Target Year	2030
Data Source(s)	Primary administrative, survey or monitoring records underlying the source-specified means of verification: NSO poverty surveys.
Means of Verification	NSO poverty surveys
Data Collection Method	Establish the 2025 reference dataset, collect the current-period value using the same protocol, calculate relative change, and document contextual factors (hazard intensity, population exposure, programme coverage) that may affect comparability.

Field	Description
Disaggregation	District/location; sex; age group; disability status; household vulnerability/poverty category; urban/rural setting; climate hazard where relevant.
Reporting Frequency	Annual where administrative data are available; otherwise aligned with the relevant household/survey cycle, with at least biennial synthesis.
Responsible Institution(s)	Proposed lead: institution responsible for skills/employment development; supporting: labour/trade institutions, district councils, training providers and NSO.
Data Quality / Verification	Freeze the baseline definition and value before trend analysis; apply the same measurement method in all periods; check numerator/denominator comparability and document any changes in hazard severity, exposure or data coverage that could affect comparability.
Methodological Notes / Assumptions	Percentage change is interpreted as relative change from the 2025 baseline unless the source framework explicitly defines a percentage-point change. The target “25% increase” is treated as a relative increase in the baseline share of households above the national poverty line, not as a 25-percentage-point increase, unless the framework is later clarified.
Link to Adaptation Result	Demonstrates contribution toward skills, employment and market access that strengthen adaptive capacity of trapped populations.

STRATEGY 9: PASTORALISM AND TRANSHUMANCE

Adaptation Action 20: Strengthen evidence and monitoring of pastoralism and transhumance

IDS 58 — Output: Pastoral mobility and grazing routes mapped

Field	Description
Indicator Level	Output
Indicator Name	Pastoral mobility and grazing routes mapped
Indicator Definition	Count of distinct eligible units represented by “Pastoral mobility and grazing routes mapped” that meet the documented completion/qualification criterion by the end of the reporting period.
Purpose / Relevance to Adaptation	Tracks implementation scale and delivery of Adaptation Action 20, showing whether the planned intervention is being put in place at the required coverage.
Metric / Unit of Measurement	Number of maps/databases

Field	Description
Calculation Method	Compile the eligible source records, apply the documented qualification/completion criteria, de-duplicate entities and count distinct qualifying units as of the reporting date.
Formula	Count = Σ qualifying unique units
Numerator	Number of distinct units meeting the indicator criterion.
Denominator	Not applicable (count indicator).
Baseline	0
Baseline Year	2025
Target	10 products
Target Year	2030
Data Source(s)	Primary administrative, survey or monitoring records underlying the source-specified means of verification: GIS databases; MoA publications.
Means of Verification	GIS databases; MoA publications
Data Collection Method	Extract unit-level records from the listed source systems/registers, verify that each unit meets the operational criterion and reporting-period rule, de-duplicate, and aggregate by district and other required disaggregation.
Disaggregation	District/route/location; mobility/grazing route; hazard type; conflict/incident type; affected livelihood group.
Reporting Frequency	Quarterly implementation tracking, consolidated annually.
Responsible Institution(s)	Proposed lead: ministry responsible for Agriculture (MoA/MoAI); supporting: district land-use/planning authorities, DoDMA and police/local conflict-management structures.
Data Quality / Verification	Use unique identifiers and documented eligibility/completion criteria; remove duplicates; reconcile reported counts with registers, audit records and district/facility totals; retain an audit trail for additions and corrections.
Methodological Notes / Assumptions	Unless the reporting framework specifies an annual-flow target, count values should be reported cumulatively as of the reporting date, with a separate annual increment available for management use.
Link to Adaptation Result	Provides implementation evidence for better pastoral mobility planning with lower conflict and climate-related losses.

IDS 59 of 69 — Outcome: Use of pastoral data in land-use and disaster planning

Field	Description
Indicator Level	Outcome
Indicator Name	Use of pastoral data in land-use and disaster planning
Indicator Definition	Percentage of the defined eligible population or units that meet the criterion represented by “Use of pastoral data in land-use and disaster planning” during the reporting period.
Purpose / Relevance to Adaptation	Assesses whether implementation of Adaptation Action 20 is producing the intended near- to medium-term change in access, preparedness, behaviour, service performance or livelihood resilience.
Metric / Unit of Measurement	% of relevant plans
Calculation Method	Define the eligible population/unit universe for the reporting period, count those meeting the indicator criterion, divide by the total eligible population/units with valid status, and multiply by 100.
Formula	$(\text{Number meeting criterion} \div \text{Total eligible population/units}) \times 100$
Numerator	Number of eligible people/households/units meeting the indicator criterion.
Denominator	Total eligible people/households/units assessed in the same reporting period.
Baseline	5%
Baseline Year	2025
Target	≥60%
Target Year	2030
Data Source(s)	Primary administrative, survey or monitoring records underlying the source-specified means of verification: District land-use plans.
Means of Verification	District land-use plans
Data Collection Method	Extract or survey the numerator and denominator populations using the same eligibility criteria and reference period; validate completeness, calculate the percentage, and retain disaggregated numerator/denominator counts.
Disaggregation	District/location; facility/site type; climate hazard; implementation/operational status; population group served where relevant.
Reporting Frequency	Event-based after relevant climate/disaster events, with annual consolidation and reporting.
Responsible Institution(s)	Proposed lead: ministry responsible for Agriculture (MoA/MoAI); supporting: district land-use/planning authorities, DoDMA and police/local conflict-management structures.
Data Quality / Verification	Verify that numerator and denominator refer to the same eligible population, geography and reporting period; test denominator completeness, duplicates and missing values; replicate calculations from source records.
Methodological Notes / Assumptions	The eligible denominator must be explicitly defined and held consistent across reporting periods; exclusions and missing observations should be reported.

Field	Description
Link to Adaptation Result	Shows whether implementation is translating into better pastoral mobility planning with lower conflict and climate-related losses.

IDS 60 — Impact: Reduced conflict and loss associated with mobility

Field	Description
Indicator Level	Impact
Indicator Name	Reduced conflict and loss associated with mobility
Indicator Definition	Relative reduction in reported conflict and loss incidents associated with pastoral mobility/transhumance compared with the 2025 baseline.
Purpose / Relevance to Adaptation	Measures the higher-order adaptation result associated with Adaptation Action 20, indicating whether climate vulnerability, disruption, loss or exposure is decreasing, or resilience is improving.
Metric / Unit of Measurement	% reduction in reported mobility-related conflict/loss incidents from 2025 baseline
Calculation Method	Establish the numeric 2025 reference using the stated definition and source data, measure the current value using the same method, and calculate the relative decrease from baseline.
Formula	$((2025 \text{ baseline value} - \text{Current value}) \div 2025 \text{ baseline value}) \times 100$
Numerator	Difference between the 2025 baseline value and the current value.
Denominator	Numeric 2025 baseline value for the same indicator measure.
Baseline	90%
Baseline Year	2025
Target	40% reduction
Target Year	2030
Data Source(s)	Primary administrative, survey or monitoring records underlying the source-specified means of verification: Police and district conflict records.
Means of Verification	Police and district conflict records
Data Collection Method	Establish the 2025 reference dataset, collect the current-period value using the same protocol, calculate relative change, and document contextual factors (hazard intensity, population exposure, programme coverage) that may affect comparability.
Disaggregation	District/route/location; mobility/grazing route; hazard type; conflict/incident type; affected livelihood group.
Reporting Frequency	Annual.
Responsible Institution(s)	Proposed lead: ministry responsible for Agriculture (MoA/MoAI); supporting: district land-use/planning authorities, DoDMA and police/local conflict-management structures.

Field	Description
Data Quality / Verification	Freeze the baseline definition and value before trend analysis; apply the same measurement method in all periods; check numerator/denominator comparability and document any changes in hazard severity, exposure or data coverage that could affect comparability.
Methodological Notes / Assumptions	Percentage change is interpreted as relative change from the 2025 baseline unless the source framework explicitly defines a percentage-point change.
Link to Adaptation Result	Demonstrates contribution toward better pastoral mobility planning with lower conflict and climate-related losses.

STRATEGY 10: DIASPORA

Adaptation Action 21: Leverage diaspora capacities for climate adaptation

IDS 61— Output: Adaptation projects supported by diaspora

Field	Description
Indicator Level	Output
Indicator Name	Adaptation projects supported by diaspora
Indicator Definition	Count of distinct eligible units represented by “Adaptation projects supported by diaspora” that meet the documented completion/qualification criterion by the end of the reporting period.
Purpose / Relevance to Adaptation	Tracks implementation scale and delivery of Adaptation Action 21, showing whether the planned intervention is being put in place at the required coverage.
Metric / Unit of Measurement	Number of projects
Calculation Method	Compile the eligible source records, apply the documented qualification/completion criteria, de-duplicate entities and count distinct qualifying units as of the reporting date.
Formula	Count = Σ qualifying unique units
Numerator	Number of distinct units meeting the indicator criterion.
Denominator	Not applicable (count indicator).
Baseline	3 projects
Baseline Year	2025
Target	40 projects
Target Year	2030
Data Source(s)	Primary administrative, survey or monitoring records underlying the source-specified means of verification: Project databases.
Means of Verification	Project databases
Data Collection Method	Extract unit-level records from the listed source systems/registers, verify that each unit meets the operational criterion and reporting-period rule, de-duplicate, and aggregate by district and other required disaggregation.

Field	Description
Disaggregation	Project; district/location; sector; type of diaspora contribution (cash, in-kind, skills); beneficiary group; implementing entity.
Reporting Frequency	Quarterly implementation tracking, consolidated annually.
Responsible Institution(s)	Proposed lead: national institution responsible for diaspora engagement; supporting: finance/foreign-affairs institutions, implementing agencies and community partners.
Data Quality / Verification	Use unique identifiers and documented eligibility/completion criteria; remove duplicates; reconcile reported counts with registers, audit records and district/facility totals; retain an audit trail for additions and corrections.
Methodological Notes / Assumptions	Unless the reporting framework specifies an annual-flow target, count values should be reported cumulatively as of the reporting date, with a separate annual increment available for management use.
Link to Adaptation Result	Provides implementation evidence for diaspora finance and skills contributing to locally relevant adaptation outcomes.

IDS 62 — Outcome: Volume of diaspora finance and skills mobilised

Field	Description
Indicator Level	Outcome
Indicator Name	Volume of diaspora finance and skills mobilised
Indicator Definition	Total verified value of diaspora cash, in-kind and skills contributions mobilised for climate adaptation, expressed in MWK equivalent using a documented valuation method.
Purpose / Relevance to Adaptation	Assesses whether implementation of Adaptation Action 21 is producing the intended near- to medium-term change in access, preparedness, behaviour, service performance or livelihood resilience.
Metric / Unit of Measurement	Total verified MWK equivalent of diaspora finance and monetised skills contributions
Calculation Method	Sum verified diaspora cash transfers for adaptation, verified in-kind contributions valued at an approved rate, and verified skills/time contributions monetised using a documented reference rate; convert all values to MWK for the reporting period.
Formula	Total MWK equivalent = Verified cash + Valued in-kind contributions + Monetised skills contributions
Numerator	Total verified and monetised value of eligible diaspora contributions in MWK.
Denominator	Not applicable (absolute monetary-value indicator).
Baseline	MWK 500 million
Baseline Year	2025
Target	MWK 10 billion
Target Year	2030
Data Source(s)	Primary administrative, survey or monitoring records underlying the source-specified means of verification: Financial reports; partnership MOUs.
Means of Verification	Financial reports; partnership MOUs

Field	Description
Data Collection Method	Extract verified household/project/financial values, reconcile to supporting records, standardize the reporting period and MWK valuation basis, and aggregate or average as specified.
Disaggregation	District/recipient; financing source; disaster/hazard type; expenditure category; beneficiary group; funding instrument where available.
Reporting Frequency	Annual.
Responsible Institution(s)	Proposed lead: national institution responsible for diaspora engagement; supporting: finance/foreign-affairs institutions, implementing agencies and community partners.
Data Quality / Verification	Reconcile values to financial/household source records; document currency, price year and valuation method; prevent double counting; where trend comparisons are made, maintain a consistent real-price series in addition to nominal reporting.
Methodological Notes / Assumptions	Skills and in-kind diaspora contributions require a documented valuation protocol (e.g., verified hours multiplied by an approved reference rate). Cash and in-kind values must be kept separately in source data even when reported as one MWK equivalent total.
Link to Adaptation Result	Shows whether implementation is translating into diaspora finance and skills contributing to locally relevant adaptation outcomes.

IDS 63 — Impact: Improved resilience outcomes in supported communities

Field	Description
Indicator Level	Impact
Indicator Name	Improved resilience outcomes in supported communities
Indicator Definition	Share of communities supported by diaspora-backed adaptation projects that meet the approved minimum resilience benchmark at the time of assessment.
Purpose / Relevance to Adaptation	Measures the higher-order adaptation result associated with Adaptation Action 21, indicating whether climate vulnerability, disruption, loss or exposure is decreasing, or resilience is improving.
Metric / Unit of Measurement	% of supported communities meeting approved resilience benchmarks
Calculation Method	Define the eligible population/unit universe for the reporting period, count those meeting the indicator criterion, divide by the total eligible population/units with valid status, and multiply by 100.
Formula	$(\text{Number meeting criterion} \div \text{Total eligible population/units}) \times 100$
Numerator	Number of eligible people/households/units meeting the indicator criterion.
Denominator	Total eligible people/households/units assessed in the same reporting period.
Baseline	10%
Baseline Year	2025
Target	≥70%
Target Year	2030
Data Source(s)	Primary administrative, survey or monitoring records underlying the source-specified means of verification: Community resilience assessments.
Means of Verification	Community resilience assessments
Data Collection Method	Extract or survey the numerator and denominator populations using the same eligibility criteria and reference period; validate completeness, calculate the percentage, and retain disaggregated numerator/denominator counts.
Disaggregation	District/location; sex; age group; disability status; vulnerable-group category; climate hazard or intervention type where relevant.
Reporting Frequency	Annual where administrative data are available; otherwise aligned with the relevant household/survey cycle, with at least biennial synthesis.
Responsible Institution(s)	Proposed lead: national institution responsible for diaspora engagement; supporting: finance/foreign-affairs institutions, implementing agencies and community partners.
Data Quality / Verification	Verify that numerator and denominator refer to the same eligible population, geography and reporting period; test denominator completeness, duplicates and missing values; replicate calculations from source records.

Field	Description
Methodological Notes / Assumptions	The eligible denominator must be explicitly defined and held consistent across reporting periods; exclusions and missing observations should be reported.
Link to Adaptation Result	Demonstrates contribution toward diaspora finance and skills contributing to locally relevant adaptation outcomes.

STRATEGY 11: PLANNED RELOCATION

Adaptation Action 22: Promote participatory planned relocation in flood-prone districts

IDS 64 — Output: Households relocated using participatory processes

Field	Description
Indicator Level	Output
Indicator Name	Households relocated using participatory processes
Indicator Definition	Count of distinct eligible units represented by “Households relocated using participatory processes” that meet the documented completion/qualification criterion by the end of the reporting period.
Purpose / Relevance to Adaptation	Tracks implementation scale and delivery of Adaptation Action 22, showing whether the planned intervention is being put in place at the required coverage.
Metric / Unit of Measurement	Number of households
Calculation Method	Compile the eligible source records, apply the documented qualification/completion criteria, de-duplicate entities and count distinct qualifying units as of the reporting date.
Formula	Count = $\sum$ qualifying unique units
Numerator	Number of distinct units meeting the indicator criterion.
Denominator	Not applicable (count indicator).
Baseline	500 households
Baseline Year	2025
Target	8,000 households
Target Year	2030
Data Source(s)	Primary administrative, survey or monitoring records underlying the source-specified means of verification: Relocation programme records.
Means of Verification	Relocation programme records
Data Collection Method	Extract unit-level records from the listed source systems/registers, verify that each unit meets the operational criterion and reporting-period rule, de-duplicate, and aggregate by district and other required disaggregation.
Disaggregation	District/location; sex; age group; disability status; household vulnerability/poverty category; urban/rural setting; climate hazard where relevant.
Reporting Frequency	Quarterly implementation tracking, consolidated annually.

Field	Description
Responsible Institution(s)	Proposed lead: DoDMA and affected district councils; supporting: institutions responsible for land/housing/social protection and participating communities.
Data Quality / Verification	Use unique identifiers and documented eligibility/completion criteria; remove duplicates; reconcile reported counts with registers, audit records and district/facility totals; retain an audit trail for additions and corrections.
Methodological Notes / Assumptions	Unless the reporting framework specifies an annual-flow target, count values should be reported cumulatively as of the reporting date, with a separate annual increment available for management use.
Link to Adaptation Result	Provides implementation evidence for participatory relocation that reduces repeated climate-related displacement.

IDS 65 — Outcome: Satisfaction and acceptance of relocation processes

Field	Description
Indicator Level	Outcome
Indicator Name	Satisfaction and acceptance of relocation processes
Indicator Definition	Percentage of the defined eligible population or units that meet the criterion represented by “Satisfaction and acceptance of relocation processes” during the reporting period.
Purpose / Relevance to Adaptation	Assesses whether implementation of Adaptation Action 22 is producing the intended near- to medium-term change in access, preparedness, behaviour, service performance or livelihood resilience.
Metric / Unit of Measurement	% of relocated households satisfied
Calculation Method	Define the eligible population/unit universe for the reporting period, count those meeting the indicator criterion, divide by the total eligible population/units with valid status, and multiply by 100.
Formula	$(\text{Number meeting criterion} \div \text{Total eligible population/units}) \times 100$
Numerator	Number of eligible people/households/units meeting the indicator criterion.
Denominator	Total eligible people/households/units assessed in the same reporting period.
Baseline	40%
Baseline Year	2025
Target	≥85%
Target Year	2030
Data Source(s)	Primary administrative, survey or monitoring records underlying the source-specified means of verification: Post-relocation surveys.
Means of Verification	Post-relocation surveys

Field	Description
Data Collection Method	Extract or survey the numerator and denominator populations using the same eligibility criteria and reference period; validate completeness, calculate the percentage, and retain disaggregated numerator/denominator counts.
Disaggregation	District/location; sex; age group; disability status; vulnerable-group category; climate hazard or intervention type where relevant.
Reporting Frequency	Annual.
Responsible Institution(s)	Proposed lead: DoDMA and affected district councils; supporting: institutions responsible for land/housing/social protection and participating communities.
Data Quality / Verification	Verify that numerator and denominator refer to the same eligible population, geography and reporting period; test denominator completeness, duplicates and missing values; replicate calculations from source records.
Methodological Notes / Assumptions	The eligible denominator must be explicitly defined and held consistent across reporting periods; exclusions and missing observations should be reported.
Link to Adaptation Result	Shows whether implementation is translating into participatory relocation that reduces repeated climate-related displacement.

IDS 66 — Impact: Reduction in repeated displacement in Lower Shire Basin

Field	Description
Indicator Level	Impact
Indicator Name	Reduction in repeated displacement in Lower Shire Basin
Indicator Definition	Relative reduction in repeated climate-related displacement among the defined Lower Shire Basin population compared with the 2025 baseline.
Purpose / Relevance to Adaptation	Measures the higher-order adaptation result associated with Adaptation Action 22, indicating whether climate vulnerability, disruption, loss or exposure is decreasing, or resilience is improving.
Metric / Unit of Measurement	% reduction in repeated displacement in the Lower Shire Basin from 2025 baseline
Calculation Method	Establish the numeric 2025 reference using the stated definition and source data, measure the current value using the same method, and calculate the relative decrease from baseline.
Formula	$((2025 \text{ baseline value} - \text{Current value}) \div 2025 \text{ baseline value}) \times 100$
Numerator	Difference between the 2025 baseline value and the current value.
Denominator	Numeric 2025 baseline value for the same indicator measure.
Baseline	90%
Baseline Year	2025

Field	Description
Target	70% reduction
Target Year	2030
Data Source(s)	Primary administrative, survey or monitoring records underlying the source-specified means of verification: DoDMA displacement database.
Means of Verification	DoDMA displacement database
Data Collection Method	Establish the 2025 reference dataset, collect the current-period value using the same protocol, calculate relative change, and document contextual factors (hazard intensity, population exposure, programme coverage) that may affect comparability.
Disaggregation	District/location; sex; age group; disability status; vulnerable-group category; climate hazard or intervention type where relevant.
Reporting Frequency	Annual.
Responsible Institution(s)	Proposed lead: DoDMA and affected district councils; supporting: institutions responsible for land/housing/social protection and participating communities.
Data Quality / Verification	Freeze the baseline definition and value before trend analysis; apply the same measurement method in all periods; check numerator/denominator comparability and document any changes in hazard severity, exposure or data coverage that could affect comparability.
Methodological Notes / Assumptions	Percentage change is interpreted as relative change from the 2025 baseline unless the source framework explicitly defines a percentage-point change.
Link to Adaptation Result	Demonstrates contribution toward participatory relocation that reduces repeated climate-related displacement.

STRATEGY 12: REFUGEES

Adaptation Action 23: Extend climate-resilient shelters and solar-water systems to refugee camps

IDS 67 — Output: Refugee camps with climate-resilient shelters and solar-water systems

Field	Description
Indicator Level	Output
Indicator Name	Refugee camps with climate-resilient shelters and solar-water systems
Indicator Definition	Count of distinct eligible units represented by “Refugee camps with climate-resilient shelters and solar-water systems” that meet the documented completion/qualification criterion by the end of the reporting period.
Purpose / Relevance to Adaptation	Tracks implementation scale and delivery of Adaptation Action 23, showing whether the planned intervention is being put in place at the required coverage.
Metric / Unit of Measurement	Number of camps
Calculation Method	Compile the eligible source records, apply the documented qualification/completion criteria, de-duplicate entities and count distinct qualifying units as of the reporting date.
Formula	Count = Σ qualifying unique units
Numerator	Number of distinct units meeting the indicator criterion.
Denominator	Not applicable (count indicator).
Baseline	1 camp
Baseline Year	2025
Target	6 camps
Target Year	2030
Data Source(s)	Primary administrative, survey or monitoring records underlying the source-specified means of verification: UNHCR infrastructure completion reports.
Means of Verification	UNHCR infrastructure completion reports
Data Collection Method	Extract unit-level records from the listed source systems/registers, verify that each unit meets the operational criterion and reporting-period rule, de-duplicate, and aggregate by district and other required disaggregation.
Disaggregation	Camp/site; sex; age group; disability status; household vulnerability/poverty category; urban/rural setting; climate hazard where relevant.
Reporting Frequency	Quarterly implementation tracking, consolidated annually.
Responsible Institution(s)	Proposed lead: national authority responsible for refugees/camp management; supporting: UNHCR, district/local authorities and relevant WASH/energy service providers.
Data Quality / Verification	Use unique identifiers and documented eligibility/completion criteria; remove duplicates; reconcile reported counts with registers, audit records and district/facility totals; retain an audit trail for additions and corrections.

Field	Description
Methodological Notes / Assumptions	Unless the reporting framework specifies an annual-flow target, count values should be reported cumulatively as of the reporting date, with a separate annual increment available for management use.
Link to Adaptation Result	Provides implementation evidence for climate-resilient shelter, water and energy services in refugee camps and fewer humanitarian emergencies.

IDS 68 — Outcome: Refugees with reliable shelter, water and energy access

Field	Description
Indicator Level	Outcome
Indicator Name	Refugees with reliable shelter, water and energy access
Indicator Definition	Percentage of the defined eligible population or units that meet the criterion represented by “Refugees with reliable shelter, water and energy access” during the reporting period.
Purpose / Relevance to Adaptation	Assesses whether implementation of Adaptation Action 23 is producing the intended near- to medium-term change in access, preparedness, behaviour, service performance or livelihood resilience.
Metric / Unit of Measurement	% of refugee population
Calculation Method	Define the eligible population/unit universe for the reporting period, count those meeting the indicator criterion, divide by the total eligible population/units with valid status, and multiply by 100.
Formula	$(\text{Number meeting criterion} \div \text{Total eligible population/units}) \times 100$
Numerator	Number of eligible people/households/units meeting the indicator criterion.
Denominator	Total eligible people/households/units assessed in the same reporting period.
Baseline	45%
Baseline Year	2025
Target	≥90%
Target Year	2030
Data Source(s)	Primary administrative, survey or monitoring records underlying the source-specified means of verification: Camp service monitoring systems.
Means of Verification	Camp service monitoring systems
Data Collection Method	Extract or survey the numerator and denominator populations using the same eligibility criteria and reference period; validate completeness, calculate the percentage, and retain disaggregated numerator/denominator counts.
Disaggregation	Camp/site; sex; age group; disability status; household vulnerability/poverty category; urban/rural setting; climate hazard where relevant.
Reporting Frequency	Annual.

Field	Description
Responsible Institution(s)	Proposed lead: national authority responsible for refugees/camp management; supporting: UNHCR, district/local authorities and relevant WASH/energy service providers.
Data Quality / Verification	Verify that numerator and denominator refer to the same eligible population, geography and reporting period; test denominator completeness, duplicates and missing values; replicate calculations from source records.
Methodological Notes / Assumptions	The eligible denominator must be explicitly defined and held consistent across reporting periods; exclusions and missing observations should be reported.
Link to Adaptation Result	Shows whether implementation is translating into climate-resilient shelter, water and energy services in refugee camps and fewer humanitarian emergencies.

IDS 69 — Impact: Reduced climate-related humanitarian emergencies in camps

Field	Description
Indicator Level	Impact
Indicator Name	Reduced climate-related humanitarian emergencies in camps
Indicator Definition	Relative reduction in the annual number of climate-related humanitarian emergency incidents occurring in the covered refugee camps compared with the 2025 incident-count reference.
Purpose / Relevance to Adaptation	Measures the higher-order adaptation result associated with Adaptation Action 23, indicating whether climate vulnerability, disruption, loss or exposure is decreasing, or resilience is improving.
Metric / Unit of Measurement	Number of climate-related humanitarian emergency incidents per year; % reduction from 2025 incident-count reference
Calculation Method	Count eligible climate-related humanitarian emergency incidents in covered camps during the year. Establish the 2025 incident count from UNHCR records, then calculate the relative reduction in annual incidents.
Formula	Annual incidents = Σ eligible incidents; % reduction = $((2025 \text{ incident count} - \text{Current incident count}) \div 2025 \text{ incident count}) \times 100$
Numerator	Difference between the 2025 incident count and current annual incident count.
Denominator	2025 annual number of eligible climate-related humanitarian emergency incidents.
Baseline	90%
Baseline Year	2025
Target	60% reduction
Target Year	2030

Field	Description
Data Source(s)	Primary administrative, survey or monitoring records underlying the source-specified means of verification: UNHCR incident and response reports.
Means of Verification	UNHCR incident and response reports
Data Collection Method	Establish the 2025 reference dataset, collect the current-period value using the same protocol, calculate relative change, and document contextual factors (hazard intensity, population exposure, programme coverage) that may affect comparability.
Disaggregation	District/location; facility/site type; climate hazard; implementation/operational status; population group served where relevant.
Reporting Frequency	Event-based after relevant climate/disaster events, with annual consolidation and reporting.
Responsible Institution(s)	Proposed lead: national authority responsible for refugees/camp management; supporting: UNHCR, district/local authorities and relevant WASH/energy service providers.
Data Quality / Verification	Freeze the baseline definition and value before trend analysis; apply the same measurement method in all periods; check numerator/denominator comparability and document any changes in hazard severity, exposure or data coverage that could affect comparability.
Methodological Notes / Assumptions	Percentage change is interpreted as relative change from the 2025 baseline unless the source framework explicitly defines a percentage-point change. The source baseline is a percentage (90%) while the source metric is a count of emergency incidents per year and the target is a percentage reduction. Retain the source baseline, but establish the 2025 incident-count reference needed to calculate the target reduction; report both incident count and relative reduction.
Link to Adaptation Result	Demonstrates contribution toward climate-resilient shelter, water and energy services in refugee camps and fewer humanitarian emergencies.