



Tunisia Integrated Disaster Resilience Program (P173568)

MIDDLE EAST AND NORTH AFRICA | Tunisia | Urban, Resilience and Land Global Practice | Requesting Unit: MNC01 | Responsible Unit: SMNUR
IBRD/IDA | Program-for-Results Financing | FY 2021 | Team Leader(s): Karima Ben Bih, Mihasonirina Andrianaivo

Seq No: 3 | ARCHIVED on 20-Jun-2022 | ISR51275 | Created by: Pol Nadal Cros on 02-May-2022 | Modified by: Karima Ben Bih on 15-Jun-2022

Program Development Objectives

Program Development Objective (from Program Appraisal Document)

To strengthen Tunisia’s disaster risk management and financing, and to enhance the protection of the targeted population and assets from disaster and climate-related events.

Overall Ratings

Name	Previous Rating	Current Rating
Progress towards achievement of PDO	☐ Satisfactory	☐ Satisfactory
Overall Implementation Progress (IP)	☐ Satisfactory	☐ Satisfactory

Implementation Status and Key Decisions

The World Bank conducted an implementation support mission in Tunis between May 16 and 20, 2022. The Program was approved by the WBG Board on March 11, 2021, the Loan Agreement was approved by the Government on November 4, 2021 and a first virtual mission took place from October 4 to 6, 2021 before the declaration of effectiveness in December 2021. Although the program is in its initial implementation stages, based on the progress thus far, it is on track to achieve the PDO by the current closing date.

Data on Financial Performance

Disbursements (by loan)

Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	% Disbursed
P173568	IBRD-92170	Effective	USD	50.00	50.00	0.00	10.84	37.38	22%

Key Dates (by loan)

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P173568	IBRD-92170	Effective	11-Mar-2021	03-Jun-2021	14-Dec-2021	30-Jun-2027	30-Jun-2027



DLI Disbursement

DLI ID	DLI Type	Description	Coc	DLI Amount	Achievement Status	Disbursed amount in Coc	Disbursement % for DLI
Loan: IBRD92170-001							
1.1	Regular	DLI 1.1 - Cumulative Value Works of Sele	EUR	8,260,000.00	Not Achieved	0.00	
1.2	Regular	DLI 1.2 - # Selected Urban Flood Risk Re	EUR	6,195,000.00	Not Achieved	0.00	
2.1	Regular	DLI 2.1 - INM org chart approved by Borr	EUR	826,000.00	Not Achieved	0.00	
2.2	Regular	DLI 2.2 - Data exchange protocols teste	EUR	826,000.00	Not Achieved	0.00	
2.3	Regular	DLI 2.3 - Draft regulations finalized &	EUR	826,000.00	Not Achieved	0.00	
2.4	Regular	DLI 2.4 - Data regulations exchange to s	EUR	826,000.00	Not Achieved	0.00	
3.3i	Regular	DLI 3.3i - SYCOHTRAC and all other exist	EUR	826,000.00	Not Achieved	0.00	
3.4	Regular	DLI 3.4 - Carte de Vigilence expanded	EUR	826,000.00	Not Achieved	0.00	
3.1i	Regular	DLI 3.1i - The Meteorological Alert MAP	EUR	619,500.00	Not Achieved	0.00	
3.2	Regular	DLI 3.2 - Climate & hydrometeorological	EUR	826,000.00	Not Achieved	0.00	
3.5	Regular	DLI 3.5 - Impact-based forecast & risk-b	EUR	826,000.00	Not Achieved	0.00	
3.6	Regular	DLI 3.6 - Carte de Vigilence improved	EUR	826,000.00	Not Achieved	0.00	
4.1	Regular	DLI 4.1 - Hydrdrometeorological commercia	EUR	1,239,000.00	Not Achieved	0.00	
4.2	Regular	DLI 4.2 - Hydrdrometeorological commercia	EUR	1,239,000.00	Not Achieved	0.00	
5.1	Regular	DLI 5.1 - Adopted DRF strategy-Council o	EUR	2,374,750.00	Not Achieved	0.00	
5.2	Regular	DLI 5.2 - Legal provisions-fin arrangeme	EUR	2,478,000.00	Not Achieved	0.00	
5.3i	Regular	DLI 5.3i - Communication compain dedicat	EUR	206,500.00	Not Achieved	0.00	
6.1i	Regular	DLI 6.1i - Public private steering	EUR	206,500.00	Not Achieved	0.00	
6.2	Regular	DLI 6.2 Actuarial model & insurance is o	EUR	826,000.00	Not Achieved	0.00	
6.3	Regular	DLI 6.3 - 100% natural catastrophe insu	EUR	2,891,000.00	Not Achieved	0.00	



7.1	Regular	DLI 7.1 - Approved regulatory act-perman	EUR	826,000.00	Not Achieved	0.00	
7.2i	Regular	DLI 7.2i - permanent resilience structur	EUR	413,000.00	Not Achieved	0.00	
7.3	Regular	DLI 7.3 - DRM prerogatives in the JORT	EUR	826,000.00	Not Achieved	0.00	
7.4	Regular	DLI 7.4 - Regulatory & institutional ref	EUR	413,000.00	Not Achieved	0.00	
3.1ii	Regular	DLI 3.1ii - Hydrological collection	EUR	619,500.00	Not Achieved	0.00	
3.3ii	Regular	DLI 3.3ii - The Borrowers Dams telemetry	EUR	413,000.00	Not Achieved	0.00	
5.3ii	Regular	DLI 5.3ii - Coverage of public Financing	EUR	3,097,500.00	Not Achieved	0.00	
6.1ii	Regular	DLI 6.1ii - Financial Exposure database	EUR	206,500.00	Not Achieved	0.00	
7.2ii	Regular	DLI 7.2ii - Decree establishing DRM	EUR	413,000.00	Not Achieved	0.00	
Loan: COFNC2080-001							
1.1	Regular	DLI 1.1 - Cumulative Value Works of Sele	EUR	8,000,000.00	Not Achieved	0.00	
1.2	Regular	DLI 1.2 - # Selected Urban Flood Risk Re	EUR	6,000,000.00	Not Achieved	0.00	
2.1	Regular	DLI 2.1 - INM org chart approved by Borr	EUR	800,000.00	Not Achieved	0.00	
2.2	Regular	DLI 2.2 - Data exchange protocols teste	EUR	800,000.00	Not Achieved	0.00	
2.3	Regular	DLI 2.3 - Draft regulations finalized &	EUR	800,000.00	Not Achieved	0.00	
2.4	Regular	DLI 2.4 - Data regulations exchange to s	EUR	800,000.00	Not Achieved	0.00	
3.1i	Regular	DLI 3.1i - The Meteorological Alert MAP	EUR	600,000.00	Not Achieved	0.00	
3.1ii	Regular	DLI 3.1ii - Hydrological collection	EUR	600,000.00	Not Achieved	0.00	
3.2	Regular	DLI 3.2 - Climate & hydrometeorological	EUR	800,000.00	Not Achieved	0.00	
3.3i	Regular	DLI 3.3i - SYCOHTRAC and all other exist	EUR	800,000.00	Not Achieved	0.00	
3.3ii	Regular	DLI 3.3ii - The Borrowers Dams telemetry	EUR	400,000.00	Not Achieved	0.00	
3.4	Regular	DLI 3.4 - Carte de Vigilance expanded	EUR	800,000.00	Not Achieved	0.00	
3.5	Regular	DLI 3.5 - Impact-based forecast & risk-b	EUR	800,000.00	Not Achieved	0.00	



3.6	Regular	DLI 3.6 - Carte de Vigilance improved	EUR	800,000.00	Not Achieved	0.00	
4.1	Regular	DLI 4.1 - Hydrometeorological commercia	EUR	1,200,000.00	Not Achieved	0.00	
4.2	Regular	DLI 4.2 - Hydrometeorological commercia	EUR	1,200,000.00	Not Achieved	0.00	
5.1	Regular	DLI 5.1 - Adopted DRF strategy-Council o	EUR	2,300,000.00	Not Achieved	0.00	
5.2	Regular	DLI 5.2 - Legal provisions-fin arrangeme	EUR	2,400,000.00	Not Achieved	0.00	
5.3i	Regular	DLI 5.3i - Communication compain dedicat	EUR	200,000.00	Not Achieved	0.00	
5.3ii	Regular	DLI 5.3ii - Coverage of public Financing	EUR	3,000,000.00	Not Achieved	0.00	
6.1i	Regular	DLI 6.1i - Public private steering	EUR	200,000.00	Not Achieved	0.00	
6.1ii	Regular	DLI 6.1ii - Financial Exposure database	EUR	200,000.00	Not Achieved	0.00	
6.2	Regular	DLI 6.2 Actuarial model & insurance is o	EUR	800,000.00	Not Achieved	0.00	
6.3	Regular	DLI 6.3 - 100% natural catastrophe insu	EUR	2,800,000.00	Not Achieved	0.00	
7.1	Regular	DLI 7.1 - Approved regulatory act-perman	EUR	800,000.00	Not Achieved	0.00	
7.2i	Regular	DLI 7.2i - permanent resilience structur	EUR	400,000.00	Not Achieved	0.00	
7.2ii	Regular	DLI 7.2ii - Decree establishing DRM	EUR	400,000.00	Not Achieved	0.00	
7.3	Regular	DLI 7.3 - DRM prerogatives in the JORT	EUR	800,000.00	Not Achieved	0.00	
7.4	Regular	DLI 7.4 - Regulatory & institutional ref	EUR	400,000.00	Not Achieved	0.00	
8	Regular	FEF NOT DISBURSABLE CATEGORY	EUR	100,000.00	Not Achieved	0.00	

Program Action Plan

Action Description	Program Operation Manual (POM) shall be adopted by the Recipient in a manner satisfactory to the WB.				
Source	DLI#	Responsibility	Timing	Timing Value	Status
Technical		PMU	Other	5 days after Effectiveness	Completed
Completion Measurement	POM document shared with task team and approved.				
Comments					



Action Description	Preparation of annual capacity building/training plan for the NMHS providers and report on the implementation.				
Source	DLI#	Responsibility	Timing	Timing Value	Status
Technical		INM, MARHP (DGRE and DGBGTH)	Other	3 months after effectiveness	In Progress
Completion Measurement	(i) Annual capacity building/training plans prepared and approved. (ii) Report on capacity building/training plan implementation prepared and approved.				
Comments	The WB team is currently conducting a capacity assessment of INM and DGRE in order to inform the development of the plans				

Action Description	Strengthen the capacity of the Governance Unit within the different ministries involved to enable these institutions to conduct the annual inspections and internal audit missions (for example, training and staffing)				
Source	DLI#	Responsibility	Timing	Timing Value	Status
Fiduciary Systems		MOF /INM / MEH / MT	Other	6 Months after effectiveness.	Not Yet Due
Completion Measurement	Training is provided to the Governance Units.				
Comments	An integrated capacity-building plan is under development by the WB team. A training of trainers on fiduciary systems to the UCP will be delivered by the WB financial specialist in May-early June. Subsequently, the UCP will train operational teams.				

Action Description	Preparation and implementation of an annual capacity building/training plan for the PMU and the Resilience Unit.				
Source	DLI#	Responsibility	Timing	Timing Value	Status
Technical		PMU	Other	6 months after effectiveness	In Progress
Completion Measurement	Annual capacity building plan implemented.				
Comments	A capacity-building plan has been prepared, currently awaiting validation by UCP.				

Action Description	Stakeholders working group established, with Terms of Reference (ToR) and composition/designated focal points, for each project site for the development, testing and validation of MH-IBF-EWS, involving Hydromet Service Providers, ONPC, LG, NGO				
Source	DLI#	Responsibility	Timing	Timing Value	Status
Technical	DLI 4	INM, MARHP (DGRE and DGBGTH), ONPC, LG.	Other	Report within 2 weeks after each meeting	In Progress



Completion Measurement	(i) Letter from the GoT confirming establishment of the Early Warning System Committee, including ToR and composition/focal points designated. (ii) Regular meetings of the Early Warning System Committee are held.
Comments	Draft ToRs are under discussion.

Action Description	Preparation of a technical note detailing the composition, structure and function of the national DRM platform.				
Source	DLI#	Responsibility	Timing	Timing Value	Status
Technical		PMU	Other	1 year after effectiveness	In Progress
Completion Measurement	Technical note finalized.				
Comments	A multisectoral working group led by UCP, in collaboration with ME, involving over 20 institutions has been set up. A first meeting will be organized in June to kickstart the work to achieve this action. An Action Plan and milestones were defined.				

Action Description	Preparation of an organigram, operating procedures and of the regulatory text creating the Permanent Resilience Structure.				
Source	DLI#	Responsibility	Timing	Timing Value	Status
Technical		PMU	Other	1 year after effectiveness	In Progress
Completion Measurement	The organigram, operating procedures and of the regulatory text creating the resilience Unit has been reviewed and approved by the CIPS.				
Comments	A multisectoral working group led by UCP, in collaboration with ME, involving over 20 institutions has been set up. A first meeting will be organized in June to kickstart the work to achieve this action. An Action Plan and milestones were defined.				

Action Description	Creation of a multi-stakeholder working group to support reforms on decentralization of DRM prerogative, and the preparation of the Action Plan to pursue and deepen the reforms of the normative and institutional framework for DRM in the country				
Source	DLI#	Responsibility	Timing	Timing Value	Status
Technical	DLI 7	Coordination Unit; ME (DGEQV)	Other	2 years after effectiveness	Completed
Completion Measurement	Regular meetings of the working group are held; recommendations for regulatory revisions are made.				
Comments	A multisectoral working group led by UCP, in collaboration with ME, involving over 20 institutions has been set up.				

Action Description	Preparation of the draft decree establishing the national DRM platform.				
Source	DLI#	Responsibility	Timing	Timing Value	Status



Technical		PMU, Permanent Resilience Structure	Other	2 years after effectiveness.	Not Yet Due
Completion Measurement	Draft decree finalized.				
Comments	A multisectoral working group led by UCP, in collaboration with ME, involving over 20 institutions has been set up. A first meeting will be organized in June to kickstart the work to achieve this action. An Action Plan and milestones were defined.				

Action Description	Maintenance and equipment of the Permanent Resilience Structure with the adequate human resources and financial resources increasing regularly as per the text establishing its creation, and online DRM portal created and regularly updated.				
Source	DLI#	Responsibility	Timing	Timing Value	Status
Technical		MOF, ME (DGEQV)	Other	3 years after effectiveness.	Not Yet Due
Completion Measurement	(i) Contracts signed. (ii) Budget increased annually (15% increase from Y1 to Y3 (baseline=Coordination Unit budget); 20% increase from Y1 to Y4; 25% increase from Y1 to Y5. (iii) An online DRM portal is created and regularly updated.				
Comments					

Action Description	Preparation of draft of decrees specifying the decentralization of DRM prerogatives.				
Source	DLI#	Responsibility	Timing	Timing Value	Status
Technical		PMU; ME (DGEQV)	Other	3 years after effectiveness.	Not Yet Due
Completion Measurement	Draft decrees finalized.				
Comments	A multisectoral working group led by UCP, in collaboration with ME, involving over 20 institutions has been set up. A first meeting will be organized in June to kickstart the work to achieve this action. An Action Plan and milestones were defined.				

Action Description	Organization of high-level meetings of the National DRM Platform.				
Source	DLI#	Responsibility	Timing	Timing Value	Status
Technical		PMU	Other	4 years after effectiveness.	Not Yet Due
Completion Measurement	At least 2 annual meetings of the Platform gathering 75% of the members nominated in the creation decree organized.				



Comments	A multisectoral working group led by UCP, in collaboration with ME, involving over 20 institutions has been set up. A first meeting will be organized in June to kickstart the work to achieve this action. An Action Plan and milestones were defined.
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Action Description	Monitor all program expenditures under ADEB and send monthly situations with the Program Financial Management Specialist within DGASGP (Coordination Unit).				
Source	DLI#	Responsibility	Timing	Timing Value	Status
Fiduciary Systems		MEH, MARHP, MOF, MT	Other	No later than 30 days after Effectiveness.	In Progress
Completion Measurement	Extraction from ADEB shared with the Program Financial Management Specialist.				
Comments	Completed, but FM does not yet have access to other departments				

Action Description	Strengthen the capacity of the Governance Unit within the different ministries involved to enable these institutions to conduct the annual inspections and internal audit missions (for example, training and staffing).				
Source	DLI#	Responsibility	Timing	Timing Value	Status
Fiduciary Systems		MOF, MARHP, MEH, MT	Other	6 Months after effectiveness	In Progress
Completion Measurement	Training is provided to the Governance Units.				
Comments	An integrated capacity-building plan is under development by the WB team. A training of trainers on fiduciary systems to the UCP will be delivered by the WB financial specialist in May-early June. Subsequently, the UCP will train operational teams.				

Action Description	Develop an electronic integrated financial management and procurement tool to facilitate the monitoring of Program fiduciary implementation (Excel file).				
Source	DLI#	Responsibility	Timing	Timing Value	Status
Fiduciary Systems		PMU (DGASGP)	Other	6 Months after effectiveness	Completed
Completion Measurement	Integrated Fiduciary management tool (Excel file) deployed at the level of all implementing agencies.				
Comments	An Excel file has been prepared and shared				

Action Description	Conduct bi-annual inspections and internal audit missions covering procurement, financial, and technical aspects for each implementing agency of the program.				
Source	DLI#	Responsibility	Timing	Timing Value	Status
Fiduciary Systems		Good Governance Unit, CGF	Other	1 Year After effectiveness and thereafter throughout Program implementation	In Progress



Completion Measurement	Inspections and reviews of the Program activities by implementing agency submitted within the specified period to the coordination Unite/RU and the World Bank.
Comments	A supervision mission was conducted from May 16th to 20th.

Action Description	Inclusion of the annual plan and budget of the Program in the draft Finance Law to be submitted to Parliament.				
Source	DLI#	Responsibility	Timing	Timing Value	Status
Fiduciary Systems		CGAB, PMU (DGASGP)	Other	1 year after Effectiveness	Not Yet Due
Completion Measurement	Program Budget lines identified in the national budget.				
Comments	The technical teams will prepare their budgets for the year 2023. For the year 2022, use the additional budget, as in the case of the DGRE.				

Action Description	Prepare and implement the relevant environmental and social assessments/plans including E&S Data sheet, ESIA/ESMP and, as applicable RAP, as part of the technical studies for flood reduction investments, and hydromet structures.				
Source	DLI#	Responsibility	Timing	Timing Value	Status
Environmental and Social Systems		PMU	Recurrent	Yearly	In Progress
Completion Measurement	E&S assessments/plan prepared and implemented, reviewed by WB environmental and social standards team and published under terms of reference acceptable to the WB and prior to the carrying out of any construction works.				
Comments	Pillar 1 ToR was sent to the Bank and revised by the WB's E&S specialists. Studies currently are under the call for tenders Not started for Pillar 2				

Action Description	Designation of E&S focal points and GRM responsible in the PMU.				
Source	DLI#	Responsibility	Timing	Timing Value	Status
Environmental and Social Systems		PMU	Other	No later than 30 days after Effectiveness.	Completed
Completion Measurement	Focal points designated under terms of reference acceptable to the World Bank				
Comments	The PMU has designated focal points for E&S.				

Action Description	Preparation and implementation of training modules and technical assistance program in E&S management of projects.				
Source	DLI#	Responsibility	Timing	Timing Value	Status
Environmental and Social Systems		PMU	Other	2 Months after Effectiveness.	Not Yet Due



Completion Measurement	Validation and implementation of a capacity building program to strengthen the skills of selected project staff.
Comments	Not started yet. Awaiting guidance from the Bank. Training for PMU E&S focal points is necessary.

Action Description	Establishment of a grievance redress mechanism (GRM).				
Source	DLI#	Responsibility	Timing	Timing Value	Status
Environmental and Social Systems		PMU	Other	1 year after Effectiveness.	Not Yet Due
Completion Measurement	System in place and operational.				
Comments					

Action Description	Preparation of an Environmental and Social Technical Manual (ESTM), filling the gaps identified in the ESSA and defining the E&S procedures that will be applied to the activities of the first three results areas.				
Source	DLI#	Responsibility	Timing	Timing Value	Status
Environmental and Social Systems		PMU	Other	2 Months after Effectiveness.	In Progress
Completion Measurement	ESTM prepared under terms and conditions acceptable to the World Bank.				
Comments	Under finalization.				

Action Description	Recruitment of E&S consultant in order to support the PMU in the E&S management of projects.				
Source	DLI#	Responsibility	Timing	Timing Value	Status
Environmental and Social Systems		PMU	Other	2 Months after Effectiveness.	Completed
Completion Measurement	E&S consultant designated under terms of reference acceptable to the World Bank				
Comments					

Action Description	Establishment of a system for exchanging information and validating documents relating to E&S management (E&S data sheet ESIA, ESMP, E&S monitoring reports) resettlement and complaint management between Coordination Unit and OTs				
Source	DLI#	Responsibility	Timing	Timing Value	Status
Environmental and Social Systems		PMU	Other	2 months after Effectiveness	Not Yet Due
Completion Measurement	System in place and operational.				
Comments	Not started yet.				



Action Description	Preparation of simplified technical guides for: <ul style="list-style-type: none"> • Management of Environmental and social impacts; • Public consultations ; • Land acquisition and involuntary resettlement • Grievance redress mechanism 				
Source	DLI#	Responsibility	Timing	Timing Value	Status
Environmental and Social Systems		PMU	Other	6 Months after Effectiveness	Not Yet Due
Completion Measurement	Technical guides acceptable to the Bank adopted and integrated as an Annex to the POM.				
Comments					

Action Description	Development and implementation of a capacity building plan for DHU, based on a diagnosis of needs and on the findings of the NFRMP. Capacity building areas could include, amongst others, the prioritization of investments and their programming.				
Source	DLI#	Responsibility	Timing	Timing Value	Status
Technical	DLI 1	PMU, DHU	Other	2 years after effectiveness	In Progress
Completion Measurement	Plan validated and first round of trainings implemented.				
Comments	A diagnostic from the NFRMP is being developed. In parallel ToR is being prepared to assess DHU's capacity for managing resilient infrastructure and to provide capacity-building workshops.				

Action Description	NMHS Providers Technical Committee established with Terms of Reference (ToR) and composition/designated focal points, to strengthen institutional coordination and implementation of cross-cutting activities.				
Source	DLI#	Responsibility	Timing	Timing Value	Status
Technical	DLI 2	INM, MARHP (BPEH, DGRE and DGBGTH)	Other	2 months after effectiveness	Completed
Completion Measurement	(i) Letter from the GoT confirming establishment of the Hydromet Service Providers Technical Committee, including ToR and composition/focal points designated. (ii)Regular meetings of the Hydromet Service Providers Technical Committee take place.				
Comments					

Risks

Systematic Operations Risk-rating Tool



Risk Category	Rating at Approval	Previous Rating	Current Rating
Political and Governance	☐ Substantial	☐ Substantial	☐ Substantial
Macroeconomic	☐ Substantial	☐ Substantial	☐ Moderate
Sector Strategies and Policies	☐ Substantial	☐ Substantial	☐ Moderate
Technical Design of Project or Program	☐ Substantial	☐ Substantial	☐ Moderate
Institutional Capacity for Implementation and Sustainability	☐ Substantial	☐ Substantial	☐ Moderate
Fiduciary	☐ Substantial	☐ Substantial	☐ Substantial
Environment and Social	☐ Substantial	☐ Substantial	☐ Substantial
Stakeholders	☐ Substantial	☐ Substantial	☐ Moderate
Other	☐ Substantial	☐ Substantial	☐ Moderate
Overall	☐ Substantial	☐ Substantial	☐ Moderate

Comments

Based on recommendation from the CMU, and based on the fact that the programme is now in full implementation phase with many foundations being put in place (notably at the institutional level, strategies, and technical design), the task team proposes to downgrade these residual risks from substantial to moderate, and the overall risk down to moderate as well.

Results

PDO Indicators by Objectives / Outcomes

Improving Flood Risk Reduction in Urban Areas				
▶ Number of people covered by urban flood risk reduction infrastructure supported by the Program - disaggregated by sex (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	90,000.00
Date	01-Jan-2021	01-Oct-2021	01-Oct-2021	30-Jun-2027
Comments	Direct beneficiaries of urban flood risk reduction infrastructure investments implemented by DHU under the PforR.			
Enhancing Disaster Preparedness				
▶ Number of people reached by Multi-Hazards Impact-Based Forecasts and Early Warning Services - disaggregated by sex. (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	200,000.00
Date	01-Jan-2021	01-Oct-2021	01-Oct-2021	30-Jun-2027



Comments	Direct beneficiaries of MH-IBF-EWS in selected vulnerable areas (disaggregated by sex) where the MH-IBF-EWS are developed, tested and validated by the NMHS Providers (in coordination and collaboration with stakeholders at national and local levels), taking into account the knowledge needs of women and men.			
Strengthening Financial Protection				
▶ Number of eligible beneficiaries of a public financing mechanism in line with the priorities and objectives set in the National DRF strategy, with a monitoring of the share of women beneficiaries. (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	1,000,000.00
Date	01-Jan-2021	01-Oct-2021	01-Oct-2021	31-Dec-2025
Comments	Based on the conclusions of the DRF strategy, the Government establishes a public financial mechanism which will absorb some of the shocks of post-disaster recovery needs, in particular the needs of the DRF strategy's core beneficiaries. These beneficiaries may include the vulnerable and unable to afford insurance subpopulations (e.g., the poor, women and the elderly with limited access to financial services) and may also include assets. Two communication campaigns, one dedicated to the public at large, with specific actions targeting women (in particular female headed households.) and the most vulnerable and, a campaign aimed at actors in the sector: insurance professionals and policyholders will be conducted.			
▶ Natural Catastrophe risk insurance coverage. (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	12.75	12.75	12.75	100.00
Date	01-Jan-2021	01-Oct-2021	01-Oct-2021	31-Dec-2026
Comments	For better catastrophic risk insurance coverage of population and assets against disasters such as floods and earthquakes it is key to develop a better risk understanding. Development and maintenance of a financial exposure database for Tunisia, and construction and development of an actuarial model by a working group including the insurance sector regulator, the insurance and reinsurance sectors, as well as risk modelling and risk transfer academics are important in this context for the insurance sector to offer natural catastrophe risk insurance.			
Promoting institutional coordination and a sound regulatory environment for climate and DRM.				
▶ Institutional coordination mechanisms and the regulatory framework for climate and disaster risk management are strengthened. (Text, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	Absence of an updated and integrated legal framework covering all DRM components. Existence of a 1991 Law focusing on emergency preparedness and response and establishing the National Commission and Regional Commissions for the Fight Against Calamities. Existence of a 2018 Local Government code transferring DRM-related responsibilities to municipalities.	Absence of an updated and integrated legal framework covering all DRM components. Existence of a 1991 Law focusing on emergency preparedness and response and establishing the National Commission and Regional Commissions for the Fight Against Calamities. Existence of a 2018 Local Government code transferring DRM-related responsibilities to municipalities.	The Terms of Reference (ToR) for the creation of the "Technical Committee for Institutional Coordination and Reform of the Regulatory Framework for Disaster Risk Management and Climate Change" (Risk Governance Technical Committee) have been finalized by the leads of the Pillar IV (UCP and ME), with the support of the WB. In addition, a roadmap has been prepared to i) launch the work of the	An action plan to continue the regulatory and institutional reform initiated through the Program, outlining the new institutional framework and roles and responsibilities and policy priorities to strengthen sustainable climate resilience and disaster risk management in Tunisia has been approved by the Borrower.



			Risk Governance Technical Committee and hold regular consultation meetings to facilitate the creation of the SPR and the Platform; and ii) conduct training and knowledge exchange on risk governance.	
Date	01-Jan-2021	01-Oct-2021	20-May-2022	30-Jun-2027
Comments	This indicator measures progress towards the promotion of institutional coordination and a strengthened regulatory framework for climate and disaster risk management.			

Intermediate Results Indicators by Results Areas

Improving Flood Risk Reduction in Urban Areas.				
► Urban flood risk reduction projects are implemented and completed. (Text, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	(i) Cumulative value of works implemented to date of flood risk reduction investment projects is TDM 112 (ii) Cumulative number of completed flood risk reduction projects is 6.
Date	01-Jan-2021	01-Oct-2021	01-Oct-2021	30-Jun-2027
Comments	This indicator measures if urban flood risk investment projects are implemented and completed. It covers urban flood risk reduction projects implemented by DHU over the Program duration, for which E&S studies are implemented.			

Enhancing Disaster Preparedness.				
► Organizational and institutional reform of the climate and hydrometeorological service providers in place. (Text, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	- Laws establishing the INM and the MARHP but no regulatory text exists to establish the hydromet value chain - INM organizational chart proposal, but not yet approved - No data sharing protocol except the agreement for Medjerda. Recently signed INM-MinAgri general agreement	- Laws establishing the INM and the MARHP but no regulatory text exists to establish the hydromet value chain- INM organizational chart proposal, but not yet approved- No data sharing protocol except the agreement for Medjerda. Recently signed INM-MinAgri general agreement	- Bidding document for the development of data exchange protocols throughout the hydromet value chain and related regulatory text has been prepared and will be advertised soon. - New INM organizational chart has not been approved yet.	Regulations for data exchange adopted the Ministries concerned.



Date	01-Jan-2021	01-Oct-2021	20-May-2022	30-Jun-2027
Comments	This indicator measures the development and implementation of organizational and institutional reforms, including regulations for data exchange among the NMHS providers.			
► Production and implementation of MH-IBF-EWS, with emphasis on climate-related events (e.g floods). (Text, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	- The first version of the 'Carte de Vigilance' exists - National weather forecasts exist, but need to be brought down to regional and local levels - Hydrological modeling only for Medjerda.	- The first version of the 'Carte de Vigilance' exists- National weather forecasts exist, but need to be brought down to regional and local levels- Hydrological modeling only for Medjerda.	- The meteorological "Carte de Vigilance" is being extended with additional hazards. - Bidding documents have been prepared and will be advertised in June 2022 to initiate the eight activities required to improve monitoring systems that are part of the MH-IBF-EWS.	The improved 'Carte de Vigilance' including Vigicrue and the impact-based forecasts and risk-based warnings are rolled out nationally.
Date	29-Jan-2021	01-Oct-2021	20-May-2022	30-Jun-2027
Comments	This indicator measures key milestones in the development/production and implementation of the MH-IBF-EWS. These include: (i) the improvements of the 'Carte de Vigilance' with more weather- and climate-related hazards, and site-specific and impact-based warnings (at the municipality level), and expanded to cover flood warnings; and (ii) the development, testing, and validation of MH-IBF-EWS in selected vulnerable areas by engaging stakeholders at national and local levels, and communities (women, men, and vulnerable separated groups to adequately meet their needs), and then expanded and rolled out nationwide.			
► Enhanced business opportunities by developing products targeting selected sectors. (Text, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No products and services dedicated to sectors (except meteorological products and services for aviation).	No products and services dedicated to sectors (except meteorological products and services for aviation). 29-Jan-2021	No products and services dedicated to sectors (except meteorological products and services for aviation). Bidding documents are being drafted to develop specific products for the Transport and Agriculture sectors.	Commercial products developed for the Agriculture sector tested and adopted.
Date	29-Jan-2021	01-Oct-2021	20-May-2022	30-Jun-2027
Comments	Strategies and action plans will be developed for the generation and issuance of target products and services for the Transport and Agriculture sectors. These strategies and action plan will be followed by implementation. In order to certify quality of the products and services provided by the hydromet service providers, quality management systems will be planned and implemented.			
► The early warning systems in the country are strengthened. (Text, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	Absence of a national and regional levels early warning systems.	Absence of a national and regional levels early warning systems.	- Few elements of the EWS implemented with the support of other development partners. - Terms of Reference for an EWS Committee/Working	Establishment of early response plans at the national, regional and local level in pilot areas, EWS communication strategy.



	Group have been drafted, but further discussions are required for finalization.			
Date	29-Jan-2021	01-Oct-2021	20-May-2022	31-Dec-2026
Comments	A national committee on Early Warning Systems (EWS) will be established to develop and manage early response plans at the national, regional and local levels, to prepare a communications strategy for EWS at the national level, and to disseminate the new EWS to population and stakeholders.			

Strengthening Financial Protection.				
► A sovereign disaster risk financing (DRF) Strategy is implemented. (Text, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	Absence of a National DRF strategy.	Absence of a National DRF strategy.	Absence of a National DRF strategy.	Operationalization of the public financing mechanism and of the national compensation (claims) registry that collects disaggregated data on women's and men's coverage in case of disasters.
Date	01-Jan-2021	01-Oct-2021	01-Oct-2021	31-Dec-2026
Comments	A national disaster risk financing (DRF) strategy will be prepared and adopted by a Council of Ministers. It is a document that defines the priorities and objectives of the Government and corresponding actions to be achieved within the timeline of the program. The DRF strategy will identify the optimal mix of financial instruments to be used for DRF and will clearly define the role of the insurance sector, as a critical part of the financial risk management strategy. The implementation of the action plan of the DRF strategy includes the operationalization of a public financing mechanism and the creation of a national compensation (claims) registry and establishment of a compensation management process. Two communication campaigns, one dedicated to the public at large, with specific actions targeting women and the most vulnerable and, a campaign aimed at actors in the sector (insurance professionals and policyholders) will be conducted to inform on financial protection mechanisms.			
► An improved understanding of catastrophic risk and a developed actuarial model allowing the increase of the coverage of Nat Cat insurance. (Text, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No catastrophic risk data base and no actuarial model.	No catastrophic risk data base and no actuarial model.	A catastrophic risk database and no actuarial model.	Dissemination of the insights coming from the finalized actuarial model and from the financial exposure database updates to the insurance sector.
Date	30-Jun-2020	01-Oct-2021	20-May-2022	31-Dec-2026
Comments	Development and maintenance of a financial exposure database for Tunisia, and construction and development of an actuarial model by a working group including the insurance sector regulator, the insurance and reinsurance sectors, as well as risk modelling and risk transfer academics. This is key for the increase in the natural catastrophe risk insurance coverage.			

Disbursement Linked Indicators



► DLI 1 Urban flood risk reduction projects are implemented and completed. (Outcome, 35,000,000.00, 0%)				
	Baseline	Actual (Previous)	Actual (Current)	Year 7
Value	None	None	None	NA
Date	--	01-Oct-2021	20-May-2022	--
Comments				

► DLI 2 Organizational and institutional reform of the climate and hydrometeorological service providers in place. (Outcome, 8,000,000.00, 0%)				
	Baseline	Actual (Previous)	Actual (Current)	Year 7
Value	<ul style="list-style-type: none"> - Laws establishing the INM and the MARHP but no regulatory text exists to establish the hydromet value chain. - INM organizational chart proposal, but not yet approved. - No data sharing protocol except the agreement for Medjerda. Recently signed INM-MinAgri general agreement. 	<ul style="list-style-type: none"> - Laws establishing the INM and the MARHP but no regulatory text exists to establish the hydromet value chain. - INM organizational chart proposal, but not yet approved. - No data sharing protocol except the agreement for Medjerda. Recently signed INM-MinAgri general agreement. 	<ul style="list-style-type: none"> - Bidding document for the development of data exchange protocols throughout the hydromet value chain and related regulatory text has been prepared and will be advertised soon. - New INM organizational chart has not been approved yet. 	NA
Date	--	01-Oct-2021	20-May-2022	--
Comments				

► DLI 3 Production and implementation of MH-IBF-EWS, with emphasis on climate-related hazards (e.g floods). (Outcome, 14,000,000.00, 0%)				
	Baseline	Actual (Previous)	Actual (Current)	Year 7
Value	<ul style="list-style-type: none"> - The first version of the 'Carte de Vigilance' exists. - National weather forecasts exist, but need to be brought down to regional and local levels. - Hydrological modeling only for Medjerda. 	<ul style="list-style-type: none"> - The first version of the 'Carte de Vigilance' exists. - National weather forecasts exist, but need to be brought down to regional and local levels. - Hydrological modeling only for Medjerda. 	<ul style="list-style-type: none"> - The meteorological 'Carte de Vigilance' is being extended with additional hazards. - Bidding documents have been prepared and will be advertised in June 2022 to initiate eight activities required to improve monitoring systems that are part of the MH-IBF-EWS. 	NA
Date	--	01-Oct-2021	20-May-2022	--
Comments				



► DLI 4 Enhanced business opportunities by developing products targeting selected sectors. (Outcome, 6,000,000.00, 0%)

	Baseline	Actual (Previous)	Actual (Current)	Year 7
Value	No products and services dedicated to sectors (except meteorological products and services for aviation).	No products and services dedicated to sectors (except meteorological products and services for aviation).	No products and services are dedicated to sectors (except meteorological products and services for aviation). Bidding documents are being drafted to develop specific products for the Transport and Agriculture sectors.	NA
Date	--	01-Oct-2021	20-May-2022	--
Comments				

► DLI 5 Strengthening Tunisia’s public financing protection mechanisms to respond to disasters. (Outcome, 20,000,000.00, 0%)

	Baseline	Actual (Previous)	Actual (Current)	Year 7
Value	No National DRF strategy.	No National DRF strategy.	No National DRF strategy.	NA
Date	--	01-Oct-2021	20-May-2022	--
Comments				

► DLI 6 Expanding the coverage of Natural catastrophe risk insurance. (Outcome, 10,000,000.00, 0%)

	Baseline	Actual (Previous)	Actual (Current)	Year 7
Value	Limited proportion of property damage contracts (excluding agricultural, air transport and maritime transport contracts) benefitting from a Nat-Cat option (12.75% in 2019).	Limited proportion of property damage contracts (excluding agricultural, air transport and maritime transport contracts) benefitting from a Nat-Cat option (12.75% in 2019).	Limited proportion of property damage contracts (excluding agricultural, air transport and maritime transport contracts) benefitting from a Nat-Cat option (12.75% in 2019).	NA
Date	--	01-Oct-2021	20-May-2022	--
Comments				

► DLI 7 Institutional coordination mechanisms and the regulatory framework for climate and disaster risk management are strengthened. (Outcome, 7,000,000.00, 0%)

	Baseline	Actual (Previous)	Actual (Current)	Year 7
Value	Absence of an updated and integrated legal framework covering all DRM components. Existence of a 1991 Law focusing on emergency preparedness and response and	Absence of an updated and integrated legal framework covering all DRM components. Existence of a 1991 Law focusing on emergency	The Terms of Reference (ToR) for the creation of the “Technical Committee for Institutional Coordination and Reform of the Regulatory Framework for Disaster	NA



	<p>establishing the National Commission and Regional Commissions for the Fight Against Calamities. Existence of 2018 Local Government Code transferring DRM-related responsibilities to municipalities.</p>	<p>preparedness and response and establishing the National Commission and Regional Commissions for the Fight Against Calamities. Existence of 2018 Local Government Code transferring DRM-related responsibilities to municipalities.</p>	<p>Risk Management and Climate Change” (Risk Governance Technical Committee) have been finalized by the leads of the Pillar IV (UCP and ME), with the support of the WB. In addition, a roadmap has been prepared to i) launch the work of the Risk Governance Technical Committee and hold regular consultation meetings to facilitate the creation of the SPR and the Platform; and ii) conduct training and knowledge exchange on risk governance.</p>	
Date	--	01-Oct-2021	20-May-2022	--
Comments				