



## Tunisia Integrated Disaster Resilience Program (P173568)

MID EAST,NORTH AFRICA,AFG,PAK | Tunisia | Urban, Resilience and Land Global Practice | Requesting Unit: MAP01 (392)  
| Responsible Unit: IMAPU (9352)  
IBRD/IDA | Program-for-Results Financing | FY 2021 | Team Leader(s): Dina Ranarifidy

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## 1. PROJECT DEVELOPMENT OBJECTIVE

### 1.1 Development Objective

Original Development Objective (Approved as part of Approval package on 11-Mar-2021)

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.

## 2. OVERALL RATINGS

Name	Previous	Current
Progress towards achievement of PDO	● Moderately Satisfactory	● Moderately Satisfactory
Overall Implementation Progress (IP)	● Moderately Satisfactory	● Moderately Satisfactory
Overall Risk Rating	● Moderate	● Substantial

## 3. KEY ISSUES & STATUS

### 3.1 Implementation Status and Key Decisions

The Program is overall on track to achieve its Project Development Objective (PDO) of strengthening Tunisia's disaster risk management and financing and enhancing the protection of the targeted population and assets from disaster and climate-related events. Disbursement rate stands at 42% (€19,389,158) and projections to reach 58% by the end of March 2026.

**Key achievements** include the protection of over 70,000 people from flood risks in Bizerte, Monastir, and Nabeul, against an end target of 90,000 people. By the end of the calendar year, two projects are expected to be completed, while the remaining four projects are expected to be finalized and accepted by the end of the fiscal year, marking the completion of all activities under this pillar in the parent program. This progress led to the decision to extend activities under additional financing and to explore the feasibility of integrating nature-based solutions (NBS) for flood protection. Under the Hazards Preparedness Pillar, a restructuring is planned to address ongoing procurement challenges and implementation delays, adjusting specific indicators (ILD2 and ILD3) and streamlining activities without affecting the overall budget. For



the Financial Protection Pillar, the mission noted delays following CIPS feedback on the National Strategy for Disaster Risk Financing (NSRDRF), with key reforms now slated for 2026–2027 and agreed to restructure three related RLDs. Finally, under Institutional and Regulatory Strengthening Pillar, the mission endorsed the restructuring of indicator 7.3 into two results: developing and disseminating a local DRM procedures manual. However, the delay in approving the SPR decree which was finalized 18 months ago remains a major concern. The mission emphasized the need for high-level advocacy involving the MEP and the Ministry of Interior to accelerate the adoption of the SPR decree and agreed to organize a preparatory meeting of Pillar IV members to broaden participation.

**Next steps.** The next implementation support mission support is tentatively scheduled for February 2026.

#### 4. DATA ON FINANCIAL PERFORMANCE

##### 4.1 Disbursements (by loan)

Loan/Credit/TF	Status	Original	Revised	Cancelled	Disbursed	Undisbursed	% Disbursed
IBRD-92170	Effective	50.00	50.00	0.00	19.51	27.81	41.22%

##### 4.2 Key Dates (by loan)

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

##### 4.3 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	NA	PMU	Other	5 days after Effectiveness	Completed
Completion Measurement	POM document shared with task team and approved.				
Comments	Completed and deemed satisfactory by Bank task team				



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	NA	INM, MARHP (DGRE and DGBGTH)	Other	3 months after effectiveness	Delayed
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 has completed the capacity assessment of INM, is finalizing it for DGRE and is finalizing the report, which is expected to be completed by December 2022. The capacity building/training plan for DGBGTH has been prepared and approved.				

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	NA	MOF /INM / MEH / MT	Other	6 Months after effectiveness.	Delayed
Completion Measurement	Training is provided to the Governance Units.				
Comments	An integrated capacity-building plan was consolidated by PCU in December 2022 and will be implemented starting July 2023.				

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	NA	PMU	Other	6 months after effectiveness	Completed
Completion Measurement	Annual capacity building plan implemented.				
Comments	A capacity-building plan has been prepared by PMU with inputs from the operational teams. The capacity-building plan was submitted to CIPS for approval and its implementation begun in June 2023.				

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	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	Two international exchange sessions were organized in Q1 2023 on EWS; draft ToRs were prepared and discussed with pillar II group and later on with pillar IV working group to ToRs for the EWS Committee expected to be finalized and approved by June 23				

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	NA	PMU	Other	1 year after effectiveness	Completed
Completion Measurement	Technical note finalized.				
Comments	The working group met regularly to advance with the deliverables for Y2 and Y3. A concept note on the proposed overall risk governance system has been drawn up by the Pillar IV committee, detailing DRM platform roles and responsibilities				

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	NA	PMU	Other	1 year after effectiveness	In Progress
Completion Measurement	The draft decree containing the organigram of the future Permanent Resilience Structure was finalized in December 2023 and was submitted for approval to the relevant approving instances.				
Comments	The Government informed the Bank that the decree is expected to be approved by April 2024.				

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	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 has been set up. Discussions will focus on the decentralization of DRM after the objectives related to the creation of the permanent structure for resilience and the national platform have been achieved.				

Action Description	Preparation of the draft decree establishing the national DRM platform.				
Source	DLI#	Responsibility	Timing	Timing Value	Status
Technical	NA	PMU, Permanent Resilience Structure	Other	2 years after effectiveness.	Not Yet Due
Completion Measurement	Draft decree finalized.				
Comments	The form, prerogatives, role and mode of operation of the Platform are described in the concept note on the risk governance system prepared by the Pillar IV technical working group. A draft decree is currently being drawn up.				

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	NA	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	Progress pending the creation of the Permanent Resilience Unit.				

Action Description	Preparation of draft of decrees specifying the decentralization of DRM prerogatives.				
Source	DLI#	Responsibility	Timing	Timing Value	Status
Technical	NA	PMU; ME (DGEQV)	Other	3 years after effectiveness.	Not Yet Due
Completion Measurement	Draft decrees finalized.				



Comments	A multisectoral working group led by UCP, involving over 20 institutions has been set up. An Action Plan and milestones were defined.				
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Action Description	Organization of high-level meetings of the National DRM Platform.				
Source	DLI#	Responsibility	Timing	Timing Value	Status
Technical	NA	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	Pending creation of the Permanent Resilience Unit.				

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	NA	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	Program expenditure is executed via ADEB following the expenditure chain circuit. As of May 20, 2023, approximately 989,943 euros have been paid out. Total commitments amount to euros 17,890,155.				

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	NA	MOF, MARHP, MEH, MT	Other	6 Months after effectiveness	Delayed
Completion Measurement	Training is provided to the Governance Units.				
Comments	Not implemented - PCU has encouraged focal points to coordinate with their ministries in order to trigger inspection missions and verify training needs.				

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	NA	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	Tool developed. PCU has prepared an Excel spreadsheet that combines procurement and financial management, listing all stages of procurement and the amounts committed and paid. This table is regularly updated by PCU.				

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	NA	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	PCU encouraged the focal points to coordinate with their ministries in order to trigger inspection missions and verify training needs.				

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	NA	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 2024				

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	NA	PMU	Recurrent	Yearly	Completed



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	E&S assessments and plans prepared as part of the Program are not subject to prior review by the WB, but they must nevertheless comply with the E&S rules set out in the E&S Manual as prepared by PCU.

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	NA	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 and GRM.				

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	NA	PMU	Other	2 Months after Effectiveness.	In Progress
Completion Measurement	Validation and implementation of a capacity building program to strengthen the skills of selected project staff.				
Comments	The capacity-building plan for the program's operational teams has been consolidated by the PCU. The first training courses on E&S were organized by the PCU in June and November 2023.				

Action Description	Establishment of a grievance redress mechanism (GRM).				
Source	DLI#	Responsibility	Timing	Timing Value	Status
Environmental and Social Systems	NA	PMU	Other	1 year after Effectiveness.	In Progress
Completion Measurement	System in place and operational.				
Comments	The Government informed the Bank that a digital system for filing complaints will also be available on the program website in the first trimester of 2024.				



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	NA	PMU	Other	2 Months after Effectiveness.	Completed
Completion Measurement	ESTM prepared under terms and conditions acceptable to the World Bank.				
Comments	ESTM prepared by PCU and approved by the World Bank team in November 2022, disseminated by PCU to all operational teams.				

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	NA	PMU	Other	2 Months after Effectiveness.	Completed
Completion Measurement	E&S consultant designated under terms of reference acceptable to the World Bank				
Comments	A first tender was launched in November 2022 by PCU for the competitive selection of an E&S consultant but was unsuccessful. After revision of the terms of reference, the tender was expected to be relaunched in June 2023.				

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	NA	PMU	Other	2 months after Effectiveness	Completed
Completion Measurement	System in place and operational.				
Comments	Integration of the documents proposed on the Environmental and Social Information Exchange System as annexes to the ESTM.				

Action Description	Preparation of simplified technical guides for: • 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	NA	PMU	Other	6 Months after Effectiveness	Completed
Completion Measurement	Technical guides acceptable to the Bank adopted and integrated as an Annex to the POM.				
Comments	Simplified technical guides were prepared and annexed to the ESTM.				

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	1	PMU, DHU	Other	2 years after effectiveness	In Progress
Completion Measurement	Plan validated and first round of trainings implemented.				
Comments	DHU shared a capacity building plan in May 2023 based on internal discussions within DHU and with the Ministry of Equipment. Ongoing procurement process.				

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	2	INM, MARHP (BPEH, DGRE and DGBGTH)	Other	2 months after effectiveness	Dropped
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	Government indicated in the POM that the creation of NMHS committee is no longer relevant and it will duplicate the missions of the Early Warning Systems committee created in October 2023.				

## 5. KEY DATES

Key Events	Planned	Actual
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Approval	11-Mar-2021	11-Mar-2021
Effectiveness	14-Dec-2021	14-Dec-2021
Mid-Term Review No. 01	28-Oct-2024	17-Feb-2025
Operation Closing/Cancellation	30-Jun-2027	

## 6. SYSTEMATIC OPERATIONS RISK-RATING TOOL

Risk Category	Rating at Approval Approval Package - 11 Mar 2021	Last Approved Rating ISR Seq. 08 - 23 Apr 2025	Proposed Rating
Political and Governance	● Substantial	● Substantial	● Substantial
Macroeconomic	● Substantial	● Moderate	● Moderate
Sector Strategies and Policies	● Substantial	● Moderate	● Moderate
Technical Design of Project or Program	● Substantial	● Moderate	● Substantial
Institutional Capacity for Implementation and Sustainability	● Substantial	● Moderate	● Substantial
Fiduciary	● Substantial	● Substantial	● Substantial
Environment and Social	● Substantial	● Substantial	● Substantial
Stakeholders	● Substantial	● Moderate	● Moderate
Overall	● Substantial	● Moderate	● Substantial



## 7. RESULTS

### 7.1 PDO Indicators by PDO Outcomes

Improving Flood Risk Reduction in Urban Areas								
Indicator Name	Baseline		Actual (Previous)		Actual (Current)		Closing Period	
	Value	Month/Year	Value	Date	Value	Date	Value	Month/Year
Number of people covered by urban flood risk reduction infrastructure supported by the Program - disaggregated by sex (Number)	0.00	Jan/2021	64,000	04-Apr-2025	64,000	04-Apr-2025	90,000.00	Jun/2027
	Comments on achieving targets		End target will be reassessed and updated during MTR to reflect actual number of beneficiaries in the project sites.					
Enhancing Disaster Preparedness								
Indicator Name	Baseline		Actual (Previous)		Actual (Current)		Closing Period	
	Value	Month/Year	Value	Date	Value	Date	Value	Month/Year
Number of people reached by Multi-Hazards Impact-Based Forecasts and Early Warning Services - disaggregated by sex. (Number)	0.00	Jan/2021	50,000	04-Apr-2025	50,000	04-Apr-2025	200,000.00	Jun/2027
	Comments on achieving targets		National Institute of Meteorology (INM) developed a first set of impact-based forecast reaching beneficiaries affected by heat waves					
Strengthening Financial Protection								
Indicator Name	Baseline		Actual (Previous)		Actual (Current)		Closing Period	
	Value	Month/Year	Value	Date	Value	Date	Value	Month/Year
Number of eligible beneficiaries of a public financing mechanism in line with the priorities and	0.00	Jan/2021	0.00	04-Apr-2025	0.00	04-Apr-2025	1,000,000.00	Dec/2025



objectives set in the National DRF strategy, with a monitoring of the share of women beneficiaries. (Number) DLI								
Natural Catastrophe risk insurance coverage. (Percentage)	12.75	Jan/2021	12.75	04-Apr-2025	12.75	04-Apr-2025	100.00	Dec/2026
<b>Promoting institutional coordination and a sound regulatory environment for climate and DRM.</b>								
Indicator Name	Baseline		Actual (Previous)		Actual (Current)		Closing Period	
	Value	Month/Year	Value	Date	Value	Date	Value	Month/Year
Institutional coordination mechanisms and the regulatory framework for climate and disaster risk management are strengthened. (Text)	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	Jan/2021	Final draft of the decree establishing the SPR was finalized by Pillar V working group, and circulated for approval of the Council of Ministers.	24-Sep-2024	Final draft of the decree establishing the SPR was finalized by Pillar V working group, and circulated for approval of the Council of Ministers.	24-Sep-2024	An action plan to continue the regulatory and institutional reforminitiated through the Program, outlining the new institutional framework and roles and responsibilities and policy priorities to strengthen sustainable climate	Jun/2027



	Commissions for the Fight Against Calamities. Existence of a 2018 Local Government code transferring DRM-related responsibilities to municipalities.						resilience and disaster risk management in Tunisia has been approved by the Borrower.	
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**7.2 Intermediate Results Indicators by Results Areas**

Improving Flood Risk Reduction in Urban Areas.								
Indicator Name	Baseline		Actual (Previous)		Actual (Current)		Closing Period	
	Value	Month/Year	Value	Date	Value	Date	Value	Month/Year
Urban flood risk reduction projects are implemented and completed. (Text)	0	Jan/2021	(i)Cumulative value of works implemented to date of flood risk reduction investment projects is TDM 67	04-Apr-2024	(i)Cumulative value of works implemented to date of flood risk reduction investment projects is TDM 67	04-Apr-2024	(i)Cumulative value of works implemented to date of flood risk reduction investment projects is TDM 112(ii) Cumulative number of	Jun/2027



							completed flood risk reduction projects is 6.	
	Comments on achieving targets		It is expected that Cumulative number of completed flood risk reduction projects is 3 by the end of this calendar year					
<b>Enhancing Disaster Preparedness.</b>								
Indicator Name	Baseline		Actual (Previous)		Actual (Current)		Closing Period	
	Value	Month/Year	Value	Date	Value	Date	Value	Month/Year
Organizational and institutional reform of the climate and hydrometeorological service providers in place. (Text)	- 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.	Jan/2021	The bid for the development of data exchange protocols throughout the HydroMet value chain and related regulatory text has been unsuccessful twice and is awaiting re-advertising (April 2025). New INM organizational chart has been approved end of 2023.	04-Apr-2024	The bid for the development of data exchange protocols throughout the HydroMet value chain and related regulatory text has been unsuccessful twice and is awaiting re-advertising (April 2025). New INM organizational chart has been approved end of 2023.	04-Apr-2024	Regulations for data exchange adopted the Ministries concerned.	Jun/2027



	Recently signed INM-MinAgri general agreement							
	Comments on achieving targets	Some DLRs will be part of the program restructuring.						
Production and implementation of MH-IBF-EWS, with emphasis on climate-related events (e.g floods). (Text) DLI	- 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.	Jan/2021	- The meteorological "Carte de Vigilance" has been extended with additional hazards (heatwaves). - Many tenders were unsuccessful and awaiting to be relaunched. Several bidding documents have been prepared and are awaiting publication. Technical support has been provided on the bidding process for the weather radars and capacity building was delivered through WB TA. WB	04-Apr-2024	- The meteorological "Carte de Vigilance" has been extended with additional hazards (heatwaves). - Many tenders were unsuccessful and awaiting to be relaunched. Several bidding documents have been prepared and are awaiting publication. Technical support has been provided on the bidding process for the weather radars and capacity building was delivered through WB TA. WB	04-Apr-2024	The improved 'Carte de Vigilance' including Vigicrue and the impact-based forecasts and risk-based warnings are rolled out nationally.	Jun/2027



			TA are supporting the EWS implementation and will support the delivery of the activity on numerical weather prediction as of S2 2025. These processes are supporting the implementation of 10 activities required to improve monitoring systems that are part of the MH-IBF-EWS.		TA are supporting the EWS implementation and will support the delivery of the activity on numerical weather prediction as of S2 2025. These processes are supporting the implementation of 10 activities required to improve monitoring systems that are part of the MH-IBF-EWS.			
	Comments on achieving targets		Many activities will be adjusted/merged or removed under the restructuring process approved with the counterparts.					
Enhanced business opportunities by developing products targeting selected sectors. (Text)	No products and services dedicated to sectors (except meteorological products and services for aviation).	Jan/2021	The INM has developed a new Hydromet product for the transport sector, synonymous with the achievement of result RLD 4.1. Several activities will be adjusted for	04-Apr-2025	The INM has developed a new Hydromet product for the transport sector, synonymous with the achievement of result RLD 4.1. Several activities will be adjusted for	04-Apr-2025	Commercial products developed for the Agriculture sector tested and adopted.	Jun/2027



			better and faster implementation		better and faster implementation			
The early warning systems in the country are strengthened. (Text)	Absence of a national and regional levels early warning systems.	Jan/2021	Few elements of the EWS implemented with the support of other development partners. - An EWS Committee/Working Group have been crated and reinforced composed of 35 members who are meeting regularly. WB Tas are supporting the implementation of the EWS in the pilot sites	04-Apr-2025	Few elements of the EWS implemented with the support of other development partners. - An EWS Committee/Working Group have been crated and reinforced composed of 35 members who are meeting regularly. WB Tas are supporting the implementation of the EWS in the pilot sites	04-Apr-2025	Establishment of early response plans at the national, regional and local level in pilot areas, EWS communication strategy.	Dec/2026
<b>Strengthening Financial Protection.</b>								
Indicator Name	Baseline		Actual (Previous)		Actual (Current)		Closing Period	
	Value	Month/Year	Value	Date	Value	Date	Value	Month/Year
A sovereign disaster risk financing (DRF) Strategy is implemented. (Text)	Absence of a National DRF strategy.	Jan/2021	First Draft of DRF strategy have been developped and expected to be approved by CIPS during next meeting	04-Apr-2025	First Draft of DRF strategy have been developped and expected to be approved by CIPS during next meeting	04-Apr-2025	Operationalization of the public financing mechanism and of the national compensation (claims) registry	Dec/2026



			scheduled for May 2025		scheduled for May 2025		that collects disaggregated data on women's and men's coverage in case of disasters.	
An improved understanding of catastrophic risk and a developed actuarial model allowing the increase of the coverage of Nat Cat insurance. (Text)	No catastrophic risk data base and no actuarial model.	Jun/2020	A catastrophic risk database have been developped with support of the WB and first draft of actuarial model have been developped within pilar III working group with participation of private sector.	04-Apr-2025	A catastrophic risk database have been developped with support of the WB and first draft of actuarial model have been developped within pilar III working group with participation of private sector.	04-Apr-2025	Dissemination of the insights coming from the finalized actuarial model and from the financial exposure database updates to the insurance sector.	Dec/2026

### 7.3 Disbursement Linked Indicators (DLI)

PBC Name		Baseline	Actual (Previous)		Actual (Current)		Closing Period
			Value	Date	Value	Date	
1:Urban flood risk reduction projects are implemented	Value	None	Cumulative value of works implemented to date of flood risk reduction	04-Apr-2025	Cumulative value of works implemented to date of flood risk	04-Apr-2025	NA



and completed. (Text) Partially achieved	Allocated Amount	0.00	investment projects is TDM 67		reduction investment projects is TDM 67		0.00
DLI allocation			35,000,000.00				
2:Organizational and institutional reform of the climate and hydrometeorological service providers in place. (Text) Partially achieved	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.	- The bid for the development of data exchange protocols throughout the HydroMet value chain and related regulatory text has been unsuccessful twice and is awaiting re-advertising (April 2025). New INM organizational chart has been approved end of 2023.	04-Apr-2025	- The bid for the development of data exchange protocols throughout the HydroMet value chain and related regulatory text has been unsuccessful twice and is awaiting re-advertising (April 2025). New INM organizational chart has been approved end of 2023.	04-Apr-2025	NA
	Allocated Amount	0.00			0.00		0.00
DLI allocation			8,000,000.00				
3:Production and implementation of MH-IBF-EWS, with emphasis on climate-related	Value	- The first version of the 'Carte de Vigilance' exists.- National weather forecasts exist, but	The meteorological 'Carte de Vigilance' has been extended with additional hazards	04-Apr-2025	The meteorological 'Carte de Vigilance' has been extended with additional hazards (Heatwaves).	04-Apr-2025	NA



<p>hazards (e.g floods). (Text) Partially achieved</p>		<p>need to be brought down to regional and local levels.- Hydrological modeling only for Medjerda.</p>	<p>(Heatwaves). The hydrological data collection in real time and flood warning system (“SYCOHTRAC”) is strengthened by integrating all hydrological data covering the Tunisian territory. Interoperability between the observation systems of the general Directorate of Water Resources (DGRE) and the general Directorate of Dams and Major Hydraulics Works (DGBGTH) has been achieved, with an exchange of data between the two entities. The contract to equip dams with telemetry systems have been signed, with acquisition</p>	<p>The hydrological data collection in real time and flood warning system (“SYCOHTRAC”) is strengthened by integrating all hydrological data covering the Tunisian territory. Interoperability between the observation systems of the general Directorate of Water Resources (DGRE) and the general Directorate of Dams and Major Hydraulics Works (DGBGTH) has been achieved, with an exchange of data between the two entities. The contract to equip dams with telemetry systems have been signed, with acquisition scheduled for September 2025.</p>	
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			scheduled for September 2025.				
	Allocated Amount	0.00			0.00		0.00
DLI allocation			14,000,000.00				
4:Enhanced business opportunities by developing products targeting selected sectors. (Text) Not Due	Value	No products and services are dedicated to sectors (except meteorological products and services for aviation). Bidding documents or the preparation of the Service Delivery Strategy and Action Plan and for Quality Management Systems have been prepared and advertised in August 2022; an output of this strategy includes the definition of the specific products for the Transport and Agriculture sectors.	The INM has developed a new Hydromet product for the transport sector, synonymous with the achievement of result RLD 4.1.	04-Apr-2025	The INM has developed a new Hydromet product for the transport sector, synonymous with the achievement of result RLD 4.1.	04-Apr-2025	NA
	Allocated Amount	0.00			0.00		0.00



DLI allocation			6,000,000.00				
5:Strengthening Tunisia’s public financing protection mechanisms to respond to disasters. (Text) Partially achieved	Value	No National DRF strategy.	A first draft of national DRF strategy have been finalized and expected to be adopted by a CIPS next May	04-Apr-2025	A first draft of national DRF strategy have been finalized and expected to be adopted by a CIPS next May	04-Apr-2025	NA
	Allocated Amount	0.00			0.00		0.00
DLI allocation			20,000,000.00				
6:Expanding the coverage of Natural catastrophe risk insurance. (Text) Partially achieved	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).	A WB technical assistance provided support to CGA on the actuarial modeling and a scoping note was delivered. First version of actuarial model is being finalized.	04-Apr-2025	A WB technical assistance provided support to CGA on the actuarial modeling and a scoping note was delivered. First version of actuarial model is being finalized.	04-Apr-2025	NA
	Allocated Amount	0.00			0.00		0.00
DLI allocation			10,000,000.00				
7:Institutional coordination mechanisms and the regulatory framework for	Value	Absence of an updated and integrated legal framework covering all DRM components.	The draft decree establishing the SPR was finalized and circulated for approval of Council	04-Apr-2025	The draft decree establishing the SPR was finalized and circulated for approval of Council	04-Apr-2025	NA



climate and disaster risk management are strengthened. (Text) Partially achieved		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 2018 Local Government Code transferring DRM-related responsibilities to municipalities.	of Ministers A technical note for the creation of the national DRM platform have been finalized and first raft of decree for the plateforme creation has been prepared by the pilar IV working group.		of Ministers A technical note for the creation of the national DRM platform have been finalized and first raft of decree for the plateforme creation has been prepared by the pilar IV working group.	
	Allocated Amount	0.00			0.00	0.00
DLI allocation			7,000,000.00			