



ENTRO

**NILE BASIN INITIATIVE**

INITIATIVE DU BASSIN DU NIL



**2025**

**ENSAP Annual  
Performance  
Report  
July 2024-June 2025**

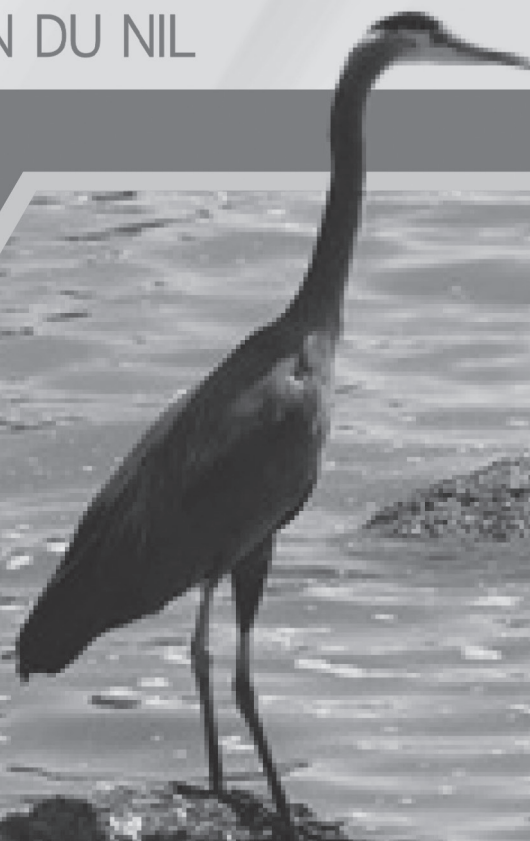




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Performance  
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# Contents

List of Acronyms .....	4
Executive Summary.....	5
1. Introduction .....	7
1.1. ENSAP Goal and Objectives.....	8
2. Context of Projects Implementation .....	8
3. Progress Towards Achiving Planned Results .....	9
4. Physical Activities Implementation Progress in Details .....	9
4.1. EN Dam Safety Regulatory Framework & Implementation Strategy .....	10
4.2. Dam Safety Training Center Establishment .....	10
4.3. Water- Smart Irrigation Study in the Nile Basin .....	12
4.4.Environment, Social, & Communication Progress.....	13
4.5. Flood Risk Mitigation Progress.....	14
4.6. Support in Establishing Flood Community Awareness and Preparedness in EN .....	15
4.7. Nile DEWS Development and Implementation .....	15
4.8. Dissemination of Flood and Drought Forecast Information .....	15
4.9. Flood Risk Mapping for Select Areas in BAS .....	16
4.10. Yabus Feasibility Study for Flood Management Interventions.....	18
4.11. RCRP Coordination & Capacity Building.....	19
4.12. Information Technology (IT) Services.....	22
4.13. Admin, Finance & Human Resource Management.....	23
4.14. Monitoring and Evaluation .....	23
4.15. ENTRO Internship Program Progress.....	24
4.16. ENTRO Governance and Coordination .....	29
4.17. Stakeholders' Engagement .....	29
4.18. Communication Materials Production and Dissemination .....	30
4.19. Development of Eastern Nile Water Resources Models and Tools .....	32
4.20. Events (Workshops/Trainings) Organized by ENTRO in the Fisical Year .....	34
4.21. Level of Satkeholders Satisfaction.....	35
5. Sustainability of Results .....	36
6. Program Coordination.....	37
7. Financial Performance .....	37
7.1. Financial Performance in Thematic areas.....	37
7.2. Country Contrbution Status (June 2025) .....	38
8. Major Challenges .....	39
9. Lessons Learnt and Recommendations .....	39
10.Appendices .....	40
10.1.Detail Physical Activities and Budget Performance .....	40
10.2.Detail Annual Budget Performance.....	58



## List of Acronyms

BAS	Baro Akobo Sobat
CBO	Civil Society organizations
CDA	Canadian Dam Association
CIWA	Cooperation in International Waters in Africa
COCD	Coordinated Operation of Cascade Dams
CQS	Consultant Qualification Selection
DEWS	Drought Early Warning System
DHI	Danish Hydraulic Institute
EN	Eastern Nile
ENCOM	Eastern Nile Council of Ministers
EN-FFEWS	Easter Nile-Flodd Forecast and Early Warning System
ENSAP	Eastern Nile Subsidiary Action Program
ENSAPT	Eastern Nile Subsidiary Action Program Team
ENTRO	Eastern Nile Technical Regional Office
EO	Earth Observation
EoI	Expression of Interest
ESCU	Environment Social & Communication Unit
EU	European Union
FFC	Flood Forecast Center
GCF	Green Climate Fund
GIS	Geographic Information System
GIZ	Deutsche Gesellschaft für Internationale Zusammenarbeit
IDA	International Development Agency
JV	Joint Venture
LULC	Land use Land cover
M & E	Monitoring & Evaluation
MEOSS	Maps Earth Observation Satellite Services
NBI	Nile Basin Initiatives
NCCR	Nile Cooperation for Climate Resilience
NELSAP-CU	Nile & Equatorial Lakes Subsidiary Action Program-Coordination Unit
NGO	Non-Governmental Organization
NILE-SEC	Nile-Secretariat
PIU	Project Implementation Unit
RCRP	Regional Climate Resilience Program
REOI	Request for Expression of Interest
RFP	Request for Proposal
RSC	Regional steering committee
RSS	Republic of South Sudan
STEP	Systematic Tracking of Exchanges in Procurement
ToR	Terms of Reference
TWG	Technical Working Group
WRF	Water Research & Forecasting



## Executive Summary

The Eastern Nile Subsidiary Action Program (ENSAP), managed by the Eastern Nile Technical Regional Office (ENTRO), demonstrated significant progress during the fiscal year July 2024 to June 2025. The program, which aims to develop the water resources of the Eastern Nile sustainably and equitably to reduce poverty and enhance prosperity, security, and peace, achieved an impressive overall physical implementation rate of 90%. Most thematic areas within ENSAP exceeded 95% completion of their planned activities, with the Internship Program being a notable success, achieving 100% completion.

Key milestones and accomplishments were achieved across various sectors. In Dam Safety and Cascade Dams, Basin-wide Dam Safety Reference Guidelines were completed and endorsed. Progress was also made on establishing a Dam Safety Training Center, which included developing its institutional framework and training modules, as well as conducting pilot training sessions. Additionally, the draft of the Eastern Nile Design Flood Guideline was completed. For Food Security and Irrigation, the Water-Smart Irrigation Study in the Nile Basin was successfully completed, followed by a validation workshop, and the final diagnostic assessment report and guidelines were also finalized.

Significant advancement was made in Flood and Drought Management, where the Flood Risk Mitigation project progressed with the enhancement of the EN-FFEWS system, now operational at 35 forecast locations. Flood hazard and vulnerability maps were finalized for 16 flood-prone areas, and the Nile DEWS dashboard was fully developed and completed. Regarding Regional Climate Resilience, the Regional Climate Resilience Project (RCRP) saw key steps taken for Flood Risk Mapping in select areas of the Baro-Akobo-Sobat (BAS) basin, including the finalization of Terms of Reference, selection of a qualified firm, and the conducting of stakeholder consultations and an inception workshop. Finally, Capacity Building and Stakeholder Engagement efforts were robust, with a total of 26 events, including workshops, trainings, and consultation meetings, engaging 755 participants (602 male, 183 female). Furthermore, three internship programs (the 9th, 10th, and 11th batches) were successfully implemented, focusing on critical areas such as flood forecasting, drought assessment, and land use change analysis.

In terms of financial performance, the total approved budget for the reporting year was USD 6,065,895. Of this amount, USD 4,338,914 was utilized, which corresponds to 72% of the annual budget. This financial utilization rate reflects a steady implementation of planned activities across most thematic areas. The Regional Climate Resilience Project (RCRP) was an exception, showing a lower expenditure of 24% due to its later start date.

The implementation of ENSAP activities faced several major challenges during the year. Security instability in Sudan, South Sudan, and parts of Ethiopia caused delays in some planned activities; however, in collaboration with national stakeholders, all planned activities were ultimately conducted. Additionally, lengthy procurement procedures and contract negotiations with consultants impacted project timelines. Another significant challenge is the risk posed to the long-term sustainability of completed interventions due to a shortage of ongoing budget support.

A key lesson learned from the reporting period is the high value of the studies and reports produced under ENSAP, which serve as crucial references for preparing future investment projects. Based on the year's experiences, several recommendations are put forward. It is recommended to enhance communication by increasing efforts in awareness creation to better disseminate ENTRO's products and their benefits. Furthermore, it is recommended to continue strengthening the capacity of the Knowledge Management unit to better support program activities and the effective dissemination of knowledge.



## 1. Introduction

This Annual Performance Report documents the progress and achievements of the Eastern Nile Subsidiary Action Program (ENSAP) for the fiscal year spanning from July 2024 to June 2025. Managed by the Nile Basin Initiative's Eastern Nile Technical Regional Office (ENTRO) headquartered in Addis Ababa, Ethiopia, ENSAP represents a collaborative effort by the governments of Ethiopia, South Sudan, and Sudan to advance the cooperative development and management of the shared water resources of the Eastern Nile basin. While Egypt is a member, its participation is currently not active.

The overarching goal of ENSAP is to develop the water resources of the Eastern Nile in a sustainable and equitable manner, thereby contributing to poverty reduction and ensuring long-term prosperity, security, and peace for all its people. To achieve this ambitious goal, the program focuses on a set of integrated objectives aimed at improving water, energy, and food security; enhancing environmental sustainability and adaptability to climate change adaptation; and strengthening water governance across the region. ENSAP is realized through a portfolio of ongoing projects, including the Nile Cooperation for Climate Resilience (NCCR), Coordinated Operation of Cascade Dams, and the Regional Climate Resilience Program (RCRP), supported by esteemed development partners such as the World Bank (CIWA and IDA) and GIZ-EU.

This report provides a comprehensive account of the activities undertaken and results achieved during the reporting period. It is structured to offer a clear overview of the program's performance, beginning with background information on ENSAP's objectives and key milestones. The document then delves into the context of project implementation, detailing both the external challenges, such as regional insecurity, and the internal strengths that have influenced progress.

The core of the report presents the actual implementation results, providing a detailed breakdown of physical accomplishments across key thematic areas: Dam Safety, Flood and Drought Management, Social Development and Communication, IT Services, Knowledge Management, and Climate Resilience. It also highlights the extensive capacity-building efforts, including stakeholder workshops, training programs, and internships, which are crucial for the long-term sustainability of the program's outcomes.

Furthermore, the report outlines the program's financial performance, comparing the allocated budget of USD 6,065,895 with actual expenditures to provide a transparent view of resource utilization. The conclusion sections are dedicated to a frank discussion of the major challenges encountered, the valuable lessons learned throughout the year, and a set of forward-looking recommendations designed to guide future activities and enhance the effectiveness of cooperative water resource management in the Eastern Nile. This document serves as a key accountability and management tool, providing evidence-based insights for ENTRO's management, program partners, and stakeholders.



## 1.1. ENSAP Goal and Objectives

**ENSAP Goal:** To develop the water resources of the Eastern Nile in a sustainable and equitable way to contribute to poverty reduction and to ensure prosperity, security, and peace for its entire people.

### **ENSAP Objectives:**

- o Improve Water Security in the EN
- o Enhance EN Energy Security
- o Enhance food security in the EN.
- o Enhance Environment Sustainability
- o Enhance EN Climate Change Adaptation.
- o Improve EN Water Governance

## 2. Context of Projects Implementation

### 2.1 External Context & Effects on Implementation

In the reporting period the security situation in the EN remains volatile. These external situations which are beyond the control of the institution have been negatively impacting the implementation progress of the program during the reporting period. The major factors were the war in Sudan, security situation in the South Sudan and Ethiopia (Gambella and Northern Region). As a result of the problems some activities were delayed but changing the modalities and in collaboration with stakeholders, all planned activities have been conducted. ENTRO has been closely following up and implementing the planned activities when the situation improves and making different adjustments in consultation with the partners.

The strong networks and collaboration with the governmental stakeholders, institutional governing body, and the development partners have been playing significant roles in creating an enabling environment for the smooth and efficient implementation of project activities.

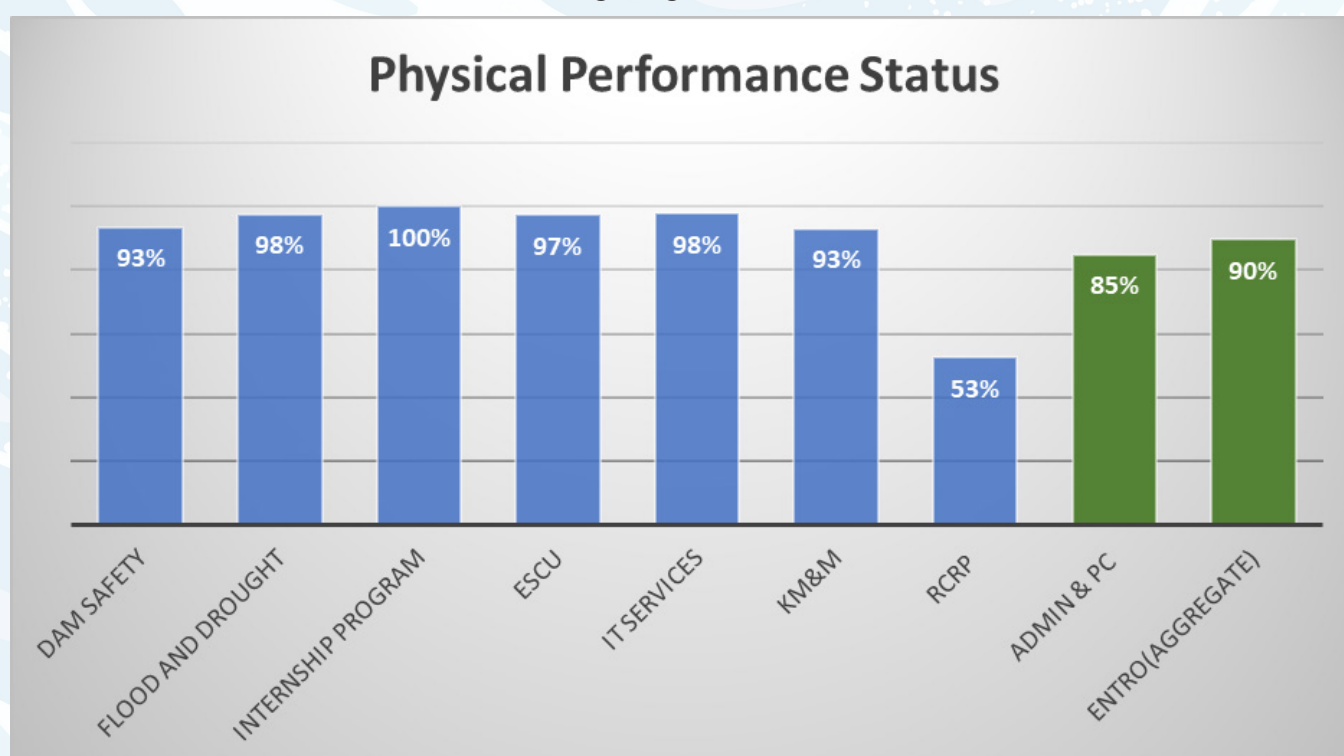
### 2.2. Internal Context & Effects on Implementation

ENTRO have established a strong teamwork spirit which has been well developed and has made a significant contribution to the efficient implementation process. The institution fostered a cross functional modality so that all thematic technical experts participate and played crucial role to review consultant deliverables, developing and reviewing project TORs and project concept notes/proposals, representing ENTRO on various meetings, evaluating contract documents, reviewing technical reports, and providing feedback. Demonstrated significant changes in facilitating virtual meetings and providing technical and logistical support during technical meetings

and workshops. The monthly meeting of ENTRO technical staff and the regular progress review meetings with partners have also played crucial role in expediting the implementation process and closely monitor the implemetaion of activities as per the annual work plan and budget.

### 3. Progress Towards Achiving Planned Results

As indicated in the chart below, most of the planned activities have been undertaken and are in good progress, most of the thematic areas have performed very well as per the planned annual work plan and budget. The activities planned under the internship program areas have been 100% completed. As can be seen from the chart below in the report year, most of the thematic areas have completed more than 95% of the planned activities. Accordingly, on the aggregate level the physical implementation status shows 90 % accomplishment, which indicates significant performance by ENTRO. The RCRP activities show relatively lower performance (53%) because of late commencement and lengthy contract signing process starting from selection, clearance from Bank and contract signing.



*Implementation Perormance level by thematic areas*

## 4. Physical Activities Implementation Progress in Details

The physical progress report is categorized based on thematic areas which include Dam Safety, Flood and Drought, Social development and communication, IT services, Knowledge Management, Internship, Coordinated Operation of Cascade Dams, Climate Resilience, and Admin and Finance. The physical progress of the program (ENSAP) for quarter three of the physical year (January-March 2025) is presented here under.

### Outcome 1.1. EN countries adopted and implemented Basin-wide Cascade Coordination Regulatory Framework and Implementation Strategy

Output 1.1.1. EN Cascade Coordination and Regulatory Framework and Implementation Strategy/piloting developed.

#### 4.1. EN Dam Safety Regulatory Framework & Implementation Strategy

Following a series of review workshops, significant progress has been made on the basin-wide reference framework and guidelines. The basin-wide Dam Safety Reference Guidelines are now complete, alongside a draft Implementation Strategy for the broader regulatory framework. Both the overarching reference framework and the draft Implementation Strategy have received endorsement from the Eastern Nile Subsidiary Action Program Team (ENSAPT) and the Eastern Nile Council of Ministers (ENCOM). Finalized the incorporation of comments from Egypt. To ensure broad accessibility, the guidelines have been in process of being translated into French and subsequently disseminated.

Targets FY 2024/2025	Progress
1. Basin Wide Reference Dam Safety Regulatory Framework and Implementation Strategy developed.	<ul style="list-style-type: none"> <li>Basin Wide Regulatory Framework Developed</li> <li>Implementation Strategy Developed.</li> </ul>
2. Phase III COCD study Finalized.	<ul style="list-style-type: none"> <li>EN Design Flood Guidelines completed.</li> </ul>
3. The stakeholders' consultation meeting in each 9 countries conducted to support developing national dam safety regulatory frameworling considering regional reference framework and transboundary context.	<ul style="list-style-type: none"> <li>Consultation meetings have been conducted and support provided for the national dam safety regulatory framework development.</li> </ul>
4. Reference Framework and Three Guide lines translated into French and Printed.	<ul style="list-style-type: none"> <li>Translation is completed and the printing is in process to be completed and disseminated in July 2025.</li> </ul>
5. Design Flood Design Guideline Review Workshop conducted.	<ul style="list-style-type: none"> <li>The Flood Design Guideline has been reviewed and made ready to be used as reference material.</li> </ul>



## Output 1.1.2. Dam Safety Training Center Established.

### 4.2. Dam Safety Training Center Establishment



*Dam Safety Consultation Workshop, Addis Ababa, Ethiopia*

Significant strides have been made in establishing a Dam Safety Training Center, beginning with a series of review workshops conducted with key stakeholders and strategic partners. These consultations have culminated in the completion of the final institutional framework and a framework for partner participation. Furthermore, the essential educational components are now in place, with the final training modules, an outline, and curriculum developed and submitted. To guide the center's operationalization, an implementation strategy has been completed and validated through a dedicated consultation workshop. Putting theory into practice, a pilot dam safety training program was successfully conducted in collaboration with the CDA in Ethiopia.

Targets FY 2024/2025	Progress
1. Three Individual specialist consultants (Dam safety, Institutional, & Module developer) recruited.	<ul style="list-style-type: none"> <li>The recruitment done and the consultants completed their assignments.</li> </ul>
2. Draft report review and Consultation Workshop Conducted.	<ul style="list-style-type: none"> <li>Institutional Framework and Framework to participate partners was completed.</li> </ul>
3. Dam Safety Units of EN countries Strengthened.	<ul style="list-style-type: none"> <li>Training Centre implementation strategy has been completed.</li> </ul>
4. The consultation workshop conducted with strategic partners to review curriculum, framework to engage partners and outline of training modules.	<ul style="list-style-type: none"> <li>Review workshops for the Dam Safety Training Center conducted with stakeholders and strategic partners.</li> </ul>



Conducting Pilot Training

Following intensive negotiations on the scope and cost, the water-smart irrigation study was conducted by B.R.L. INGENIERIE. The project commenced with an inception workshop held from January 16th to 17th, 2025, in Entebbe, Uganda. This workshop brought together a diverse group of participants, including nine Technical Working Groups (TWG) from the Nile Basin Countries with expertise in Irrigation, GIS, and ISM, as well as nine ENSAPT and TAC members and representatives from the NBI Centres. By March 2025, the Final Diagnostic Assessment Report and Guidelines for water-smart irrigation were completed. A significant technological milestone was reached with the completion of the Dashboard for Water Smart Irrigation in the Nile Basin by June 15th, 2025. The project culminated in a validation workshop held back-to-back with a training workshop from June 21st to 24th, 2025, in Nairobi, Kenya. The training aimed to enhance water-smart irrigation practices throughout the Nile Basin by leveraging Earth Observation technology.

Targets FY 2024/2025	Progress
1. Consultant mobilized and conducted Water Smart Irrigation Study.	<ul style="list-style-type: none"> <li>Water smart irrigation study for the basin wide conducted.</li> <li>Development of the Dashboard for the Water Smart Irrigation in the Nile Basin was completed.</li> </ul>
2. Regional level inception and validation workshops conducted for the water smart irrigation study.	<ul style="list-style-type: none"> <li>The Inception workshop was conducted by engaging basin wide stakeholders.</li> <li>Validation workshop was conducted back-to-back with the training workshop on June 21st - 24th, 2025 at Nairobi, Kenya.</li> </ul>
3. Production and disseminations of deliverables conducted.	<ul style="list-style-type: none"> <li>The knowledge products of the study deliverables are on process for printing.</li> </ul>



## Outcome 4.2. EN Water Hyacinth Control Study Findings Implemented by EN Countries

Output 4.2.2. Environmental and Social Safeguards awareness created at regional and national levels.

### 4.4.Environment, Social, & Communication Progress

The Environmental and Social safeguard and Communication Unit (ESCU) of ENTRO plays a crucial role in ensuring that environmental and social considerations are integrated into all project phases. The division actively contributes to various studies by participating in the preparation of Terms of Reference (TOR), the evaluation of consultancy firms, and validation workshops to guarantee that environmental and social issues are thoroughly addressed. Furthermore, the ESCU division diligently follows up on the implementation of the Environmental and Social Commitment Plan for both the NCCR and RCRP projects. On a broader institutional level, ENTRO is also contributing to the Green Climate Fund (GCF) accreditation process currently under preparation by the Nile Basin Initiative Secretariat (NILE-SEC).

### Gender Mainstreaming



*Gender Training*



Gender-focused activities have been actively mainstreamed across various thematic areas of the NCCR project. A significant step in this process was a dedicated gender mainstreaming training conducted from April 22-26, 2025, in Nairobi, Kenya. Building on this, ENTRO established a gender forum for EN countries on April 25-26, 2025, and subsequently created a broader Regional Gender Forum with the participation of relevant stakeholders.

To ensure the continuation of these efforts, ENTRO has prepared and shared a concept note with potential donors to mobilize resources for its gender initiatives. This commitment to gender equality is also reflected in internal practices, with internship recruitment conducted in a gender-responsive manner, leading to a higher engagement of female interns during the reporting period.

Furthermore, ENTRO has proactively conducted fund mobilization and stakeholder engagement side events in conjunction with the Gender Forum. During these events, the Social and Communication Unit presented a concept note aimed at ensuring the sustainable funding of the regional gender forum's initiatives and solidifying gender and social inclusion as a cross-cutting theme in all ENTRO's interventions in the Eastern Nile.

Targets FY 2024/2025	Progress
1. Regional gender mainstreaming training workshop conducted.	<ul style="list-style-type: none"> <li>Regional level Gender mainstreaming training conducted engaging relevant stakeholders using resource person proposed and supported by WB team.</li> </ul>
2. Gender Forum for EN Region conducted.	<ul style="list-style-type: none"> <li>The Regional Gender Forum was conducted and relevant stakeholders from the EN region participated.</li> </ul>

## Goal 5 : Enhance EN Climate Change Adaptation

### Outcome 5.1: EN Countries' Preparedness to Flood and Drought Risks Improved

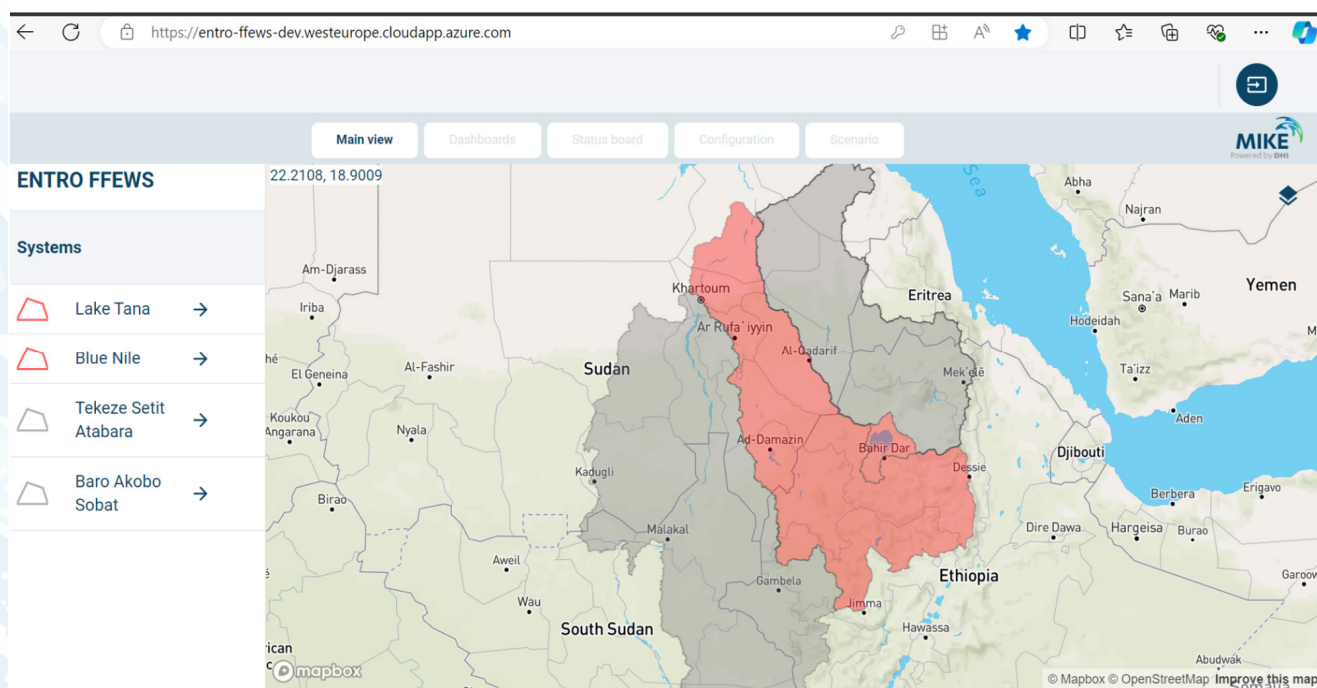
#### Output 5.1.1: EN Flood & Drought Protection Studies Conducted.

### 4.5.Flood Risk Mitigation Progress

A significant milestone has been achieved with the completion of the enhanced Eastern Nile Flood Forecasting and Early Warning System (EN-FFEWS), which is now operational for the Tekeze-Setit-Atbara (TSA), Blue Nile, Lake Tana, and Baro-Akobo-Sobat (BAS) sub-basins. This system provides forecasts at 35 specific locations and monitors rainfall across 55 catchments. In conjunction with this, flood hazard maps for 16 flood-prone areas have been produced and shared, and the corresponding vulnerability and risk maps for these areas are also complete. To ensure the system's accuracy and effectiveness, a validation and dissemination workshop was conducted. This workshop served to validate the EN-FFEWS and the associated hazard maps

through an in-depth technical assessment by a diverse group of experts, including members of the EN-Flood and Drought Regional Technical Working Group, EN National Flood Forecasting Center staff, ENTRO technical staff, and various flood managers such as hydrologists, hydraulic modelers, and meteorologists.

## Enhancement of EN-FFEWS, developed and can be accessed in public domain



<https://nilebasin-dss.azurewebsites.net/>;

4

Modeling systems are now operational on Nile's Azure VMs; the portal's web interface and backend APIs have been successfully deployed at <https://nilebasin-dss.azurewebsites.net/>

Updated WRF installed in the NBI Cloude server and is being used in the EN-FFEWS (March 2024).

### 4.6.Support in Establishing Flood Community Awareness and Preparedness in EN

A comprehensive effort has been made to enhance flood management for vulnerable communities, resulting in the production of Flood Management Strategies reports for 17 specific sites. To directly support these communities, community-specific flood action bulletins have been produced for each of the 17 locations, and Community Flood Preparedness Workshops have been conducted to improve local readiness.



These initiatives are supported by detailed vulnerability and risk mapping, which has been completed for 16 flood-prone areas. Based on these findings, community awareness materials, preparedness plans, and a corresponding implementation plan have all been produced.

To ensure the quality and accuracy of these efforts, a regional validation workshop was conducted. The process culminated in the submission and validation of the Final Flood Protection Studies Report. Complementing these local and regional efforts, National Flood Preparedness Training Sessions have been completed, and a corresponding report has been finalized to build national capacity.

In order to strengthen the capacity of Eastern Nile National Flood Forecasting Centers, ENTRO has conducted capacity building training for the National FFCs. In these training participants from Ethiopia, Sudan, and South Sudan participated.

#### **4.7.Nile DEWS Development and Implementation**

ENTRO has successfully completed and operationalized the Nile Drought Early Warning System (DEWS) dashboard, a comprehensive tool designed to enhance regional preparedness. The dashboard incorporates several key functions, including hydrological modeling, the identification and change detection of surface water bodies, and the monitoring and forecasting of both meteorological and agricultural drought. It is supported by robust data systems for producing these components and for facilitating information sharing and user engagement.

The system underwent a rigorous validation process. Version 1 of the Nile DEWS product was assessed and provisionally validated by the Nile Technical Advisory Committee (TAC), the Flood and Drought Technical Working Group (FDTWG), and Regional Partners (RP) during a validation workshop held in Nairobi, Kenya, in January 2025. Following this, the final Version 2 of the Nile DEWS products received its conclusive validation from the Nile TAC in May 2025. The draft Nile DEWS dashboard is complete and accessible online at <https://webapps.rmsi.com/dews/Dashboard/Dashboard/> (Username: dewes\_admin, PassWord: Rmsi@123).

#### **4.8.Dissemination of Flood and Drought Forecast Information**

ENTRO Flood Team together with EN-countries Flood Interns were disseminating through email daily flood forecasts and early warnings to more than 200 users from 1 July to 30 September 2024; and the forecast were publicly available at <https://entro-ffews-dev.westeurope.cloudapp.azure.com/>





*Nile DEWS Validation workshop,  
Kenya*



*Flood Community Awareness Training,  
Juba*

Targets FY 2024/2025	Progress
1. Drought forecast and dashboard developed for delivering drought forecast to end user for entire Nile basin.	<ul style="list-style-type: none"> <li>Drought Forecast and Early Warning System dashboard developed and made ready for end users.</li> </ul>
2. Drought forecast/monitoring forums at regional level conducted.	<ul style="list-style-type: none"> <li>Regional level drought forecast/monitoring forum was organized</li> </ul>
3. Drought Forecast bulletins Issued.	<ul style="list-style-type: none"> <li>Community specific flood action bulletin produced for 17 sites.</li> </ul>
4. Flood guidelines for seven sites printed and published.	<ul style="list-style-type: none"> <li>Printing of the guidelines is in progress of which more than 50% of it completed.</li> </ul>
5. NBI / ENTRO Cloud infrastructure for ENFFEWS activities enhanced.	<ul style="list-style-type: none"> <li>ENTRO completed payment for the cloud hosting for the EN-FEWS.</li> </ul>
6. EN national forecasting centres capacity strengthened.	<ul style="list-style-type: none"> <li>Training conducted to strengthen the national forecasting centres; trainers from Ethiopia, Sudan, and South Sudan participated.</li> </ul>
7. Field visit organized to flood prone areas (consultation with communities, local authorities, national water and DRM institutions).	<ul style="list-style-type: none"> <li>This activity was readjusted to be conducted in a training modality as the intended visit area was not accessible because of the existing situations. However, the stakeholders from the areas participated in the training.</li> </ul>

## Regional Climate Resilience Project (RCRP) Activities Performance



## 4.9.Flood Risk Mapping for Select Areas in BAS

As part of the Flood Risk Mapping for Select Areas in the Baro-Akobo-Sobat (BAS) sub-basin consultancy, ENTRO has initiated a series of key activities to advance the project. The process began with a consultative debriefing meeting on the Terms of Reference (TOR) with stakeholder representatives in January 2025, held in Nairobi, Kenya. Following this, the bid evaluation committee recommended DHI for the consultancy work. After contracting DHI, a formal kick-off meeting took place on March 7, 2025.

To ensure the project was grounded in local realities, a field visit and stakeholder engagement session was conducted on the ground in Gambella, Ethiopia, during April 2025. This was followed by an Inception Report Validation Workshop held in Kampala, Uganda, on May 19-20, 2025. Based on the workshop's outcomes, an updated inception report was subsequently submitted in June 2025.



*Debriefing on BAS & Yabus TORs, Nairobi-Kenya, January 22, 2025*



*BAS field visit and stakeholders' engagement on ground, Gambela-Ethiopia, Apr 30, 2025*





*Participants during BAS Inception Workshop, Kampala-Uganda, May 19, 2025*

#### **4.10.Yabus Feasibility Study for Flood Management Interventions**

ENTRO has been undertaking the recruitment of consultants for the Yabus and Associated Riverine Feasibility Study. As the scope of the activity is vast, the process takes relatively longer to bring onboard the consultant. Accordingly so far ENTRO has completed, the consultative debriefing meeting on the terms of reference; request for Proposals (RFP) was drafted & submitted to the Bank; evaluation of technical proposals was conducted; the Bank issued a No Objection to Evaluation of Technical Proposals Report; and a letter of invitation for a financial opening session on July 11, 2025, was immediately sent on the same day together with Technical Proposal Score sheets to the successful Consultants.



*Conducting technical evaluation*



## **4.11.RCRP Coordination & Capacity Building**

Generally, the following coordinated activities were accomplished, in collaboration with the South Sudan RCRP PIU, NELSAP-CU, the World Bank and ENTRO Management.

**Special Internship:** Discussions with the World Bank on the special internship program for human capacity development proposal designed under RCRP, with specific focus on South Sudan within the overall ENTRO internship program, have been continuing, with several issues being raised, especially by the Bank and clarifications provided by ENTRO. Hence, partially, upon ENTRO's feedback, the Bank provided a no objection for two additional interns from South Sudan to join the NCCR internship cohort that started on November 1st, 2024, to 31st January 2025, against the already approved budget.

**Acquisition of EO Data:** Under WB-HYDRO-SS Project, Earth Observation (EO) Data acquisition support, initiated by the World Bank, encompassing the Nile Equatorial Lakes Region and South Sudan, included BAS & Yabus plus ENTRO Staff participation in its strengthening knowledge for flood/drought management and geospatial visualization tool training, continued during Quarter III.

**Flood modeling activity in South Sudan:** Discussions on flood modeling activity in South Sudan, to be financed by the Dutch under the South Sudan RCRP, with involvement of ENTRO and NELSAP-CU have been continuing.

**Procurement training:** RCRP Lead Technical Specialist together with other six staff members from ENTRO undergone a World Bank procurement and contract management training, facilitated by the Ethiopia Management Institute in Bishoftu (September 16 – 25, 2024).

**Missions to Juba:** RCRP Lead Technical Specialist participated in Unyama consultation meeting with community representatives from SS side in Juba, February 7, 2025, organized by NELSAP & SS PIU. He also conducted a coordination mission to Juba, on March 17-21, 2025.

**Regional steering committee (RSC) meetings:** Participation of ENTRO & NELSAP-CU team in the second regional event with the World Bank and other East and Southern Africa stakeholders' teams in Mozambique on June 2-4, 2025.





*Certificate of training generations, including under RCRP to ENTRO & NELSAP-CU at 2nd RSC*

**Unyama transboundary integrated flood assessment and management plan:** Unyama Contract was negotiated and signed in September 2024 with CDR International, and the inception consultation workshop was conducted on October 29-30, 2024, after which site reconnaissance visits and stakeholders' engagement on ground was conducted on November 4-7, 2024. But further stakeholder engagement and field data collection was conducted on December 8-14, 2024, on the Ugandan side, and such exercise is awaiting finalization of further consultation being coordinated by NELSAP-CU and South Sudan to ascertain community acceptance and participation in the project activities.

**Post NCCR sustainability plan:** The combined proposed Post-NCCR Transition Sustainability Action Plan, focusing on Synergy Needs with RCRP, to ensure continuity, institutional memory, and effective delivery of RCRP, was first submitted on May 15, 2025, and the revised version after addressing the Bank comments was again submitted on June 12, 2025.

Targets FY 2024/2025	Progress
1. Flood Risk Mapping Developed for select areas in BAS (areas to be selected in consultation in Ethiopia and SS).	<ul style="list-style-type: none"> <li>The consultancy work is in good progress.</li> <li>Inception workshop conducted and the report reviewed, and the final inception report submitted.</li> </ul>
2. Detailed ToRs prepared for the Consultancy assignment (virtual and physical): Consultative meetings for joint review of draft ToRs.	<ul style="list-style-type: none"> <li>ToR developed and the consultative meetings conducted.</li> </ul>
3. Consultancy services procured: Expressions of Interests Prepared, Evaluations of Expressions of interest conducted, consultancy firms shortlisted, Advertised in Regional papers (for the EOI); and conducted Evaluations of Technical and Financial Proposal and Contracting.	<ul style="list-style-type: none"> <li>The recruitment of the consultant has been carried out and the consultancy work is now in progress.</li> </ul>
4. Consultancy services procured: Expressions of Interests Prepared, Evaluations of Expressions of interest conducted, consultancy firms shortlisted, Advertised in Regional papers (for the EOI); and conducted Evaluations of Technical and Financial Proposal and Contracting.	<ul style="list-style-type: none"> <li>Procurement of consultancy for the Yabus feasibility study is already started but it is at evaluation stage and will continue in the next fiscal year.</li> </ul>
5. Stakeholder Engaged: Field visits to BAS flood hot spot areas conducted- Country Consultations between Ethiopia and South Sudan.	<ul style="list-style-type: none"> <li>Field visit to the flood hot spot area and consultation with local community level stakeholders have been conducted in Gambella Regional State.</li> </ul>
6. Inception Workshops conducted to review the draft inception reports of the BAS study.	<ul style="list-style-type: none"> <li>Inception workshop was conducted in Uganda engaging relevant regional stakeholders and conducted the review of the inception report.</li> <li>The consultant incorporated the comments and submitted the final inception report.</li> </ul>



7. Special Internship Program conducted for South Sudan	<ul style="list-style-type: none"> <li>The interns training was conducted integrated with the NCCRP internship program. Two South Sudanese young professionals have been participated.</li> </ul>
8. Procured Consultancy Services for Yabus Watershed Feasibility study for flood management interventions in three WPs with few months of overlapping in three years (30 months).	<ul style="list-style-type: none"> <li>The procurement process of the consultancy service is underway during this report preparation, and it is at evaluation stage.</li> </ul>
9. Detailed TOR Prepared for the Consultant assignment (virtual and physical).	<ul style="list-style-type: none"> <li>The TOR for the Yabus consultancy service was developed and cleared from Bank.</li> </ul>
10. Stakeholder Engaged: Field visits conducted to identified project operation centres for the Yabus River Catchment and associated riverine (Asosa in Ethiopia, Bunj & Paloch/Malut in South Sudan, and Kurmuk in Sudan).	<ul style="list-style-type: none"> <li>This activity was planned to be conducted in four phases but as the consultancy work of the Yabus Feasibility Study was not started, it was not conducted.</li> </ul>
11. Inception workshop (Inception Report Write-up, Review and Validation) conducted.	<ul style="list-style-type: none"> <li>This inception review workshop was not conducted as the Yabus Feasibility Study was not yet started.</li> </ul>
12. WP1, the Interim Phase (Baseline Preparation, Review and Validation) conducted.	<ul style="list-style-type: none"> <li>Not done as the study was not yet started.</li> </ul>
13. WP3, Commencement of Capacity Building Activities (Implementation of no regret projects) conducted.	<ul style="list-style-type: none"> <li>Not done as the study was not yet started.</li> </ul>
14. Updated the design of flood preparedness and EW system for Communities for selected Hotspots.	<ul style="list-style-type: none"> <li>Not done as the study was not yet started.</li> </ul>

## Goal 6: Improve EN Water Governance

### Outcome 6.1. ENTRO and EN National Offices Capacity Enhanced

#### Output 6.1. 1. ENTRO WR Planning/Management and Development Capacity Built.

## 4.12. Information Technology (IT) Services

ENTRO has actively managed its IT services, focusing on cloud infrastructure and knowledge platform (IKP) related activities. The organization maintains its cloud services with quarterly payments, the most recent of which was made in July 2024 to cover the second quarter of the year. A significant development has been the migration of some cloud services from the three centers to Microsoft Azure, a move intended to harmonize all services. As part of this initiative, the IKP is now operational on Microsoft Azure, which also hosts virtual machines for the EN Seasonal Flood and Drought Forecast models.

In addition to these cloud-focused efforts, ENTRO completed the annual renewal of its email system, migrating to Microsoft Azure. To ensure its staff is well-equipped to utilize these technologies, essential IT skills training was conducted in February 2025. Furthermore, the organization has finalized the procurement of the remaining minor IT equipment as outlined in its annual plan and budget.

Targets FY 2024/2025	Progress
1. Extended Cloud infrastructure services licenses.	• The payment for the cloud service done in consultation with the other NBI Centers.
2. Mike Operations and Other Soft Wares Licenses renewed.	• The software licenses have been renewed as planned.
3. Internet upgrading/serves/ annual enhanced/maintained.	• Undertaken as planned.
4. ENTRO SMT and Technical Team Capacity Building (IT Security, M365, Teams, OneDrive) training conducted.	• Capacity building and IT skill training conducted, engaging all ENTRO staff.
5. Procurement of IT equipment completed.	• All planned IT equipment has been procured.

## 4.13. Admin, Finance & Human Resource Management

Under its Admin, Finance, and Human Resource Management, ENTRO has successfully executed several key activities as planned. The organization has continued its diligent practice of preparing and submitting donor financial reports on time, ensuring no deadlines were missed. In personnel matters, staff contract management has been conducted according to schedule.

A significant accomplishment was the completion of the audit, with the resulting report produced and shared as planned. To enhance internal capabilities, ENTRO conducted project management capacity building training. The organization also



coordinated various other staff capacity building training courses. Furthermore, the planned civil work and furnishing for the ENTRO office have been successfully carried out.

Targets FY 2024/2025	Progress
1. Extended Cloud infrastructure services licenses.	<ul style="list-style-type: none"> <li>The payment for the cloud service done in consultation with the other NBI Centers.</li> </ul>
2. Mike Operations and Other Soft Wares Licenses renewed.	<ul style="list-style-type: none"> <li>The software licenses have been renewed as planned.</li> </ul>
3. Internet upgrading/serves/ annual enhanced/maintained.	<ul style="list-style-type: none"> <li>Undertaken as planned.</li> </ul>
4. ENTRO SMT and Technical Team Capacity Building (IT Security, M365, Teams, OneDrive) training conducted.	<ul style="list-style-type: none"> <li>Capacity building and IT skill training conducted, engaging all ENTRO staff.</li> </ul>
5. Procurement of IT equipment completed.	<ul style="list-style-type: none"> <li>All planned IT equipment has been procured.</li> </ul>

#### 4.14. Monitoring and Evaluation

During the reporting period, the activities of monitoring and evaluation have been carried out ensuring the quality and timeliness. The implementation progress reports like the monthly, quarterly, biannual, and annual reports have been produced and submitted. The monthly activities implementation monitoring tool has been developed and is being used. The result framework of the NCCR project has been updated periodically and as required. The network and integration with other NBI centers have been kept strong. The M & E automated tool development at NBI level has been going well and is currently on the verge of completion. The NBI M & E team has been having regular virtual meetings with the coordination of the NILE SEC.

##### Output 6.1.2. EN National Office capacity built (institution: technical related)

As part of the national's capacity building, in the reporting period, ENTRO has conducted third round media training for media personals and journalists engaged from Egypt, Ethiopia, Sudan, and South Sudan. The training was aimed at enhancing the capacity of media people in transboundary water resources management and improving the visibility of ENRO as an institution. In addition to this ENTRO engaged EN Countries stakeholders from water resources management related experts in gender training so as to enhance gender equality in hydro diplomacy areas.

Targets FY 2024/2025	Progress
1. Materials prepared for Conduct media training workshops.	<ul style="list-style-type: none"> <li>• Training materials prepared using experienced resource person.</li> </ul>
2. Organized media training workshop.	<ul style="list-style-type: none"> <li>• ENTRO conducted Regional third round media training.</li> <li>• Journalists and media people participated from all ENTRO member countries.</li> </ul>
3. Strengthened capacity of EN national forecasting centers: Conducted national level training for each country.	<ul style="list-style-type: none"> <li>• Capacity building trainings were conducted in two rounds one in Juba, and the other in Ethiopia. The training was to capacitate the nationals Flood and Drought forecasting centers.</li> </ul>

### Output 6.1.3. EN Participants Enrolled in ENTRO Internship

## 4.15.ENTRO Internship Program Progress

### 9th NCCR Internship Program (01 July 2024 – 30 September 2024)

The 9th batch was implemented by accepting three interns one from Ethiopia, South Sudan, and Sudan on direct nomination from water ministries of each country with the theme “2024 Flood Forecast and Early Warning (2024 EN-FFEW)” in the Eastern Nile. The objective of the assignment was to produce real-time flood bulletins with three-day lead-time as well as communicate the results to flood prone area using available data and information from the satellite and from ground with collaboration with national and international agencies dealing meteorological and emergency responses. Major activities during the 9th NCCR Internship were Assessment, Training, and educational field visit:

#### Assessment Activity:

During their internship, the interns conducted valuable practical assessments and made significant contributions to the Flood Modelling Team (FMT). They actively participated in conducting flood forecasts for flood-prone areas within the Eastern Nile region. This involved utilizing the WRF forecasting system for rainfall prediction and the MIKE suite, specifically NAM and MIKE 11, for flow forecasting.

A key part of their responsibilities included issuing daily forecasts and preparing weekly bulletins for critical areas such as Lake Tana, the Blue Nile, and the Baro-Akobo-Sobat (BAS) and Tekeze-Setit-Atbara (TSA) sub-basins. Culminating their efforts, the interns also produced the 2023 Flood Impact Assessment Report, a significant achievement from their practical work.



## Training:

In-house tailor-made training was offered to interns participating in the 9th NCCR batches: the training is NBI induction course, Mike Models and Applications (Mike Zero, NAM, Mike 11, and general Mike Operations) for riverine flood forecasting.

## Educational Field Visit:

ENTRO has conducted an educational field visit and modelling training from 15-21 September 2024 for the 9th NCCR internship batch working on the theme “2024 Eastern Nile Flood Forecasting and Early Warning (2024 EN-FFEW)” in partnership with the NELSAP-CU in Kigali, Rwanda. During the event, Interns obtained practical modelling training on Nile Basin Flash Flood Early Warning System (NB-FFEWS). Moreover, the Rwandan Flood Risk Management experience was presented to give a firsthand information regarding flood risk management in the Nile basin countries. Each training session was facilitated with hands-on exercise supported by NELSAP-CU and Rwandan Water Board experts. During this educational field visit, Interns have also engaged in a practical field excursion to the flood prone hot spots areas and different structural and non-structural (nature-based) mitigation measures implementation for flood risk management in Kigali, Nyamata, Bugesera districts of Rwanda. Furthermore, practical lessons have been given to differentiate the flash flood and riverine flood risks with associated mitigation measures taking the case of Rwanda Water Board experiences.



*The 9th batch interns on educational Field Visit, Uganda*

## 10th Internship Program (Nov 2024 – Jan 2025)

The 10th NCCR internship batch has been implemented by accepting 10 interns with the financial support from the two ENTRO projects from NCCR (8 interns) and RCRP (2 interns). Three (3) interns from Ethiopia, four (4) from South Sudan, and three (3) from Sudan have been selected on a competitive bases from each country with the theme “Eastern Nile Drought Assessment” with two sub-themes of 1) Meteorological and Hydrological Drought Assessment and 2) Agricultural Drought Assessment. Major activities during the 10th NCCR internship are as follows:



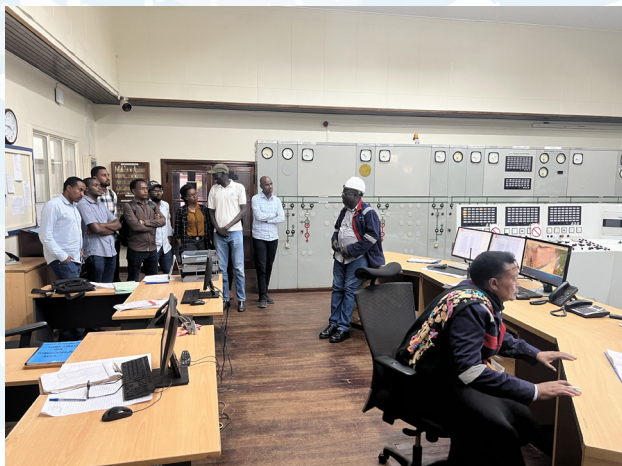
## Assessment Activity:

Interns have conducted an assessment for the three categorical drought indices. These are: Meteorological, agricultural, and hydrological and their recurrence and interlinkage among them withing a geographic domain of Eastern Nile basin. A comprehensive report has been prepared by Interns and has been submitted to ENTRO.

## Training and Educational Field visits:

In addition to their practical assessments, the interns' experience was enriched through a one-week educational field visit, advanced training, and participation in a regional workshop. This series of events, organized by ENTRO, was held in Nairobi, Kenya, from January 20-25, 2025, for the validation of the Nile Drought Early Warning System (Nile-DEWS).

During their engagement, the interns received in-house capacity building on several key areas, including an NBI Induction Course, geospatial analysis and modeling, and meteorological and hydrological drought analysis. The events in Nairobi were conducted back-to-back, beginning with advanced training on drought monitoring and modeling in Eastern Africa. This was followed by in-depth training on the system application of the Nile-DEWS, which included a comparative analysis with the IGAD Climate Prediction and Applications Centre (ICPAC) drought monitoring system. To complement the training, the interns also participated in a field visit to ICPAC's facilities to observe their climate and drought monitoring operations firsthand.



*10th Batch interns at Nile-DEWS workshop*



*Interns Participating in field visit*

## 11th Internship Program (Mar – Jun 2025):

The 11th NCCR internship batch has been implemented by accepting 8 interns. Three (3) interns from Ethiopia, two (2) from South Sudan, and three (3) from Sudan have been selected on a competitive bases from each country with the theme “Land Use and Landcover Change (LULCC) and Hydrological Assessment in the Eastern Nile Basin” with two sub-themes of 1) Land Use and Landcover Change Assessment and 2) Hydrological Assessment. Major activities during the 10th NCCR internship are as follows:



## Assessment Practice:

Interns have conducted an assessment on the impact of land use and landcover change on the hydrology of Eastern Nile Basin. During the assessment, the first group of Interns were able to generate important geospatial data related to Land Use and Land Cover in the whole eastern Nile basin. On the other hand, the second group conducted a hydrological modelling to quantify the change in the hydrology of Blue Nile Basin and Baro-Gambella sub-basin withing the Eastern Nile Basin. As a result, Interns were able to produce substantial information in the hydro-physical change taking place in the EN basin.

## Training and Educational Field visits:

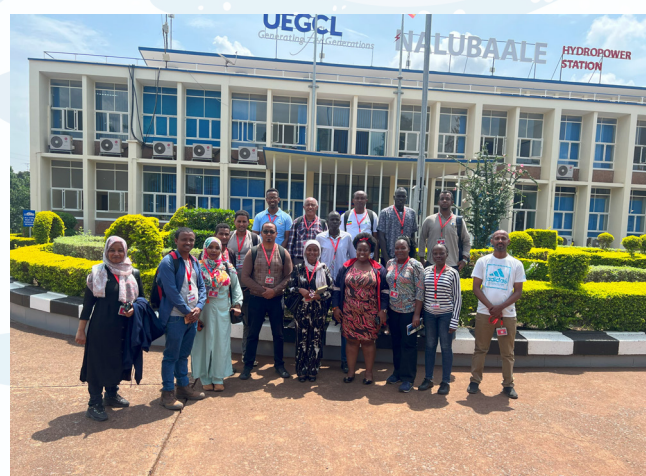
In addition to their assessments, the interns participated in a one-week educational field visit and advanced training session focused on the Nile Decision Support System (Nile-DSS) and its component models. This engagement took place in Kampala, Uganda, from May 26-31, 2025.

Before the trip, the interns received in-house capacity-building training on several key topics, including an NBI Induction Course, Hydrological Modelling Using SWAT in cooperation with Hydro-Nova, and geo-spatial analysis using Google Earth Engine. The advanced training in Kampala, conducted in partnership with Nile-SEC, provided a deep dive into the integrated models within the Nile-DSS system. This included NAM hydrological modelling, MIKE HYDRO Basin for river basin system modelling, MIKE HYDRO River for hydraulic modelling, and the EN-FFEWS for flood forecasting and early warning in the Eastern Nile basin.

To complement the technical sessions, a practical field visit was also organized to the source of the White Nile in Jinja, which included a tour of the local hydropower facilities.



*11th batch interns on Training*



*11th batch interns on educational field visit*

Targets FY 2024/2025	Progress
1. Conducted the 9th NCCR batch of the internship /Conduct 2024 Flood Forecast and Early Warning Activity/.	<ul style="list-style-type: none"> <li>One expert from each country of Ethiopia, Sudan, and South Sudan participated on the training program with the theme “2024 Flood Forecast and Early Warning (2024 EN-FFEW)” in the Eastern Nile.</li> </ul>
2. Conducted outstanding training / Field Visits / Dissemination Workshops/ Conferences/Support to the interns' project/9th internship program.	<ul style="list-style-type: none"> <li>The interns participated in training and field visits to access practical exposures directly related to the subject.</li> <li>The Interns have accessed Rwandan Flood Risk Management experience being in Kigali, done in collaboration with NELSAP-CU.</li> </ul>
3. Advertised, Evaluated, Awarded and engaged in the 10th NCCR Internship Batch interns.	<ul style="list-style-type: none"> <li>The 10th internship program was advertised to all ENTRO member countries.</li> <li>The evaluation and selection were done based on standardized evaluation criteria and in consultation with the ENSAPT.</li> </ul>
4. Conducted the 10th NCCR batch of the internship program,	<ul style="list-style-type: none"> <li>The 10th internship batch has been implemented by accepting 10 interns with the financial support from the two ENTRO projects from NCCR (8 interns) and RCRP (2 interns).</li> <li>The program was conducted under the theme “Eastern Nile Drought Assessment”.</li> <li>The participants were from Ethiopia (3), from Sudan (3), and from South Sudan (4).</li> </ul>
5. Conducted outstanding training / Field Visits / Dissemination Workshops/ Conferences/Support to the interns' project/10th NCCR Internship Batch interns.	<ul style="list-style-type: none"> <li>The interns did practical assessments in Meteorological, agricultural, and hydrological and their recurrence and interlinkage among them withing a geographic domain of Eastern Nile basin.</li> <li>Participated in a one-week educational field visit, advanced training, and participation in a regional workshop conducted in Nairobi Kenya.</li> </ul>
6. Advertised, Evaluated, Awarded and engaged in the 11th NCCR Internship Batch.	<ul style="list-style-type: none"> <li>The 11th internship program was advertised to all ENTRO member countries.</li> <li>The evaluation and selection were done based on standardized evaluation criteria and in consultation with the ENSAPT.</li> </ul>
7. Conducted the 11 NCCR batch of the internship.	<ul style="list-style-type: none"> <li>The 11th NCCR internship batch has been implemented by accepting 8 interns.</li> <li>Three (3) interns from Ethiopia, two (2) from South Sudan, and three (3) from Sudan have participated.</li> <li>The program was conducted with the theme “Land Use and Landcover Change (LULCC) and Hydrological Assessment in the Eastern Nile Basin”.</li> </ul>
	<ul style="list-style-type: none"> <li>The program was conducted with the theme “Land Use and Landcover Change (LULCC) and Hydrological Assessment in the Eastern Nile Basin”.</li> </ul>



- |  |   |
|--|---|
| <p>8. Conducted outstanding training / Field Visits / Dissemination Workshops/ Conferences/Support to the interns' project/11th NCCR Internship Batch interns.</p> | <ul style="list-style-type: none"> <li>• Interns have conducted an assessment on the impact of land use and landcover change on the hydrology of Eastern Nile Basin.</li> <li>• Participated in a one-week educational field visit and advanced training session focused on the Nile Decision Support System (Nile-DSS) and its component models.</li> <li>• This engagement took place in Kampala, Uganda in collaboration with Nile-SEC.</li> </ul> |
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## Outcome 6.2. Enhanced Visibility and Partnership with Stakeholders

### Output 6.2.1. Governance & Coordination Meetings Conducted

#### 4.16.ENTRO Governance and Coordination

ENTRO has organized and facilitated governance (ENSAPT) meeting in February 2025 in Addis Ababa, Ethiopia. The TAC meeting was also conducted back-to-back with the ENSAPT meeting. ENTRO has also ensured participation and engagement with other NBI centers in all aspects.





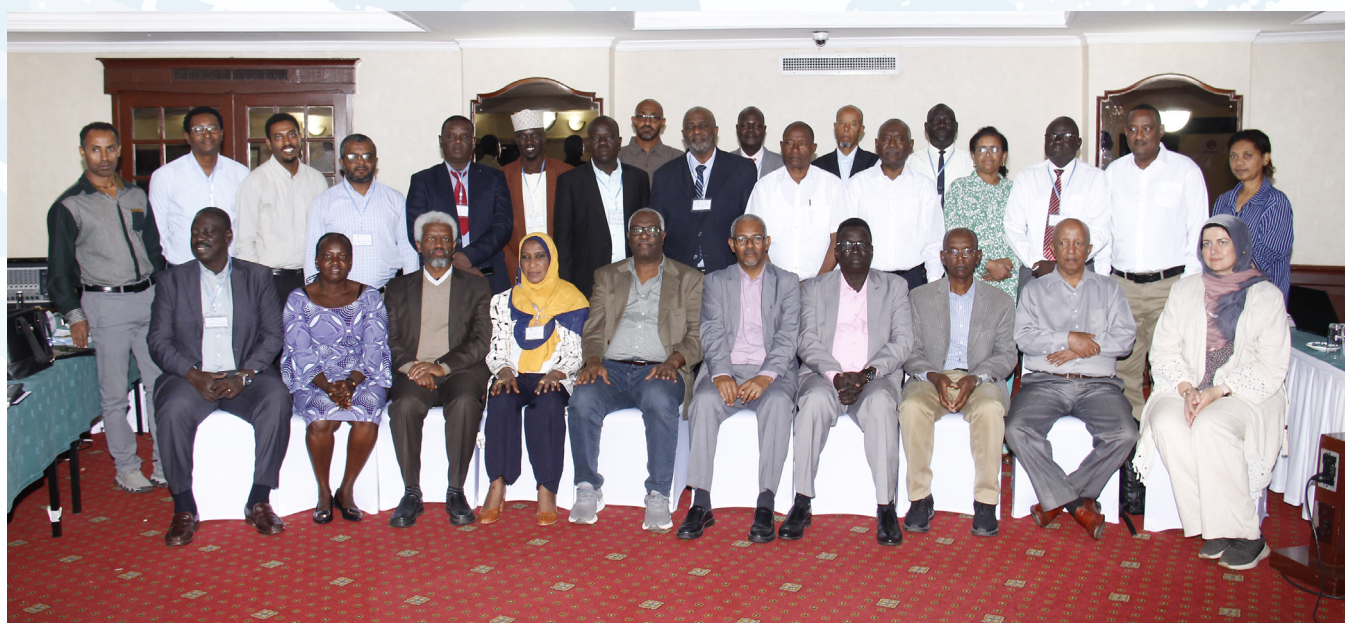
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Targets FY 2024/2025	Progress
1. Organized EN Governance and TAC meetings.	<ul style="list-style-type: none"> <li>A government meeting was organized as scheduled.</li> </ul>
2. Participated in Three Centers Coordination Meetings	<ul style="list-style-type: none"> <li>ENTRO have been participating in NBI meetings as required.</li> </ul>
3. Conducted Meeting for TAC/ENSAPT standing committees (ENTRO).	<ul style="list-style-type: none"> <li>This activity was not conducted as the TAC/ENSAPT because of time constraint from the participant side.</li> </ul>

## Output 6.2.2. Consultation Workshops Organized for Range of Stakeholders

### 4.17.Stakeholders' Engagement

ENTRO has conducted different events at regional level to engage diverse stakeholders to discuss regional issues related to enhancing the spirit of cooperation for sustainable transboundary water resource management. During this reporting year, ENTRO conducted the Innovative Regional Stakeholders Forum. This forum enabled the institution to bring together relevant stakeholders including diplomats, parliamentarians, religion leaders, and reputable intellectuals. The forum was conducted in Nairobi Kenya in June 2025. The forum created an opportunity to engage such diverse stakeholders to closely know the activities of ENTRO and enhance its visibility as well as create potential opportunities to raise resources for ENTRO's sustainable engagement in the region.



*Innovative Stakeholders Engagement Forum*



ENTRO have also organized validation and dissemination workshops on developed flood management strategies, flood Community awareness and preparedness plan, Community-specific flood action for sustainability & high usability of the project. In this workshop local community members and experts from national institutions participated. The major aim was to validate the flood management strategy developed by ENTRO and create awareness on the strategy. It was conducted in Juba, South Sudan.

Targets FY 2024/2025	Progress
1. Conducted innovative regional stakeholders' forum.	<ul style="list-style-type: none"> <li>ENTRO organized regional level stakeholders' forum in Nairobi Kenya in June 2025.</li> <li>Diverse stakeholders from diplomats, parliamentarians, religion leaders, etc. participated.</li> </ul>
2. NBI/ENTRO participated in National Water Week (NWW).	<ul style="list-style-type: none"> <li>ENTRO facilitated and participated in Nile Day celebrated in Addis Ababa, Ethiopia.</li> <li>The National Water Week was not organized at national level in the reporting year.</li> </ul>
3. Organized validation and dissemination workshops on developed flood management strategies, flood Community awareness and preparedness plan, Community-specific flood action for sustainability & high usability of the project.	<ul style="list-style-type: none"> <li>ENTRO has organized validation and dissemination workshops to validate and create awareness on the flood management strategy developed. The event was organized in Juba, South Sudan.</li> </ul>
4. Conducted DEWS consultation and validation workshops at regional level.	<ul style="list-style-type: none"> <li>Drought Early Warning System consultation and validation workshop was conducted to validate and engage stakeholders at regional level.</li> </ul>
5. DEWS Tool dissemination and training Workshops 3 conducted for the effective use of DEWS information services by NBI countries & sustainability & high usability of the project.	<ul style="list-style-type: none"> <li>ENTRO has conducted DEWS tools dissemination as well as training workshop.</li> <li>Regional stakeholders and experts from the NBI centers participated.</li> </ul>

## Output 6.2.3 Communication Materials Prepared (Newsletters, Factsheets, calendars, etc.)

### 4.18. Communication Materials Production and Dissemination

A major focus of ENTRO's Social Development, Environment and Communication Division (SDECD) is to communicate the benefits of cooperation and the risks of non-cooperation. This is achieved through the publication of communication materials, the preparation of country-specific booklets and annual corporate reports, and by conducting innovative forums. During the reporting period, the division performed several key activities in line with these objectives.

To enhance its corporate identity, the SDECD developed and branded a range of communication products. This included the publication of two newsletter leaflets, as well as the creation of flyers, posters, and banners. Additionally, annual corporate materials such as desks, walls, and card calendars were produced, along with yearly ENTRO-branded items like pens and notebooks to maintain visibility.

A significant effort was made to publish and disseminate "Benefits of Cooperation" booklets to stakeholders. Individual booklets for the Eastern Nile countries of Egypt, Ethiopia, South Sudan, and Sudan were published, and a compiled publication of



these EN Country Benefit Booklets was also completed. In a broader collaborative effort with other centers, a comprehensive "Benefit Booklet" covering all ten member countries was also prepared.

To further communicate the advantages of Nile cooperation, the division developed materials highlighting specific thematic areas. Flyers, brochures, and pull-up banners were completed for key programs, including the Internship and Young Professional

Targets FY 2024/2025	Progress
1. Developed communication products (flyers, banners, annual calendars, quarterly newsletter.	<ul style="list-style-type: none"> <li>Publication of two newsletter leaflet completed.</li> <li>Flyers, Posters, Banners</li> <li>Annual Calanders (Desk, wall and card Calanders)</li> <li>Yearly ENTRO Brand Products (Pen, Notebook,</li> </ul>



<p>2. Produced communicating benefits of Nile Cooperation and Risks of non-cooperation.</p>	<ul style="list-style-type: none"> <li>• Flyers, Brochures and pull up or roll up Banner for each Thematic area are completed.</li> <li>• Project brief booklet completed.</li> <li>• Internship and Young Professional Program</li> <li>• Eastern Nile Flood forecasting and Early warning and DROUGHT Monitoring and Forecasting System</li> <li>• Dam Safety Capacity Building, Dam Safety Management</li> </ul>
<p>3. Produced Country Specific Benefits of Cooperation Booklets (ENTRO); costs include NBI task team meeting, graphic design, translation, printing)</p>	<ul style="list-style-type: none"> <li>• Eastern Nile Country Benefit Booklet for Egypt, Ethiopia, South Sudan and Sudan Published</li> <li>• Compiled EN Country Benefit Booklet publication Completed.</li> <li>• Prepare the Country Benefit Booklet for the Ten Country with the other centres completed.</li> </ul>
<p>4. Published annual corporate report (Develop content; Design and layout; Printing).</p>	<ul style="list-style-type: none"> <li>• Annual corporate report for FY2023/24 published and distributed.</li> </ul>

Program, the Eastern Nile Flood Forecasting and Early Warning System, the Drought Monitoring and Forecasting System, and the Dam Safety Capacity Building and Management initiatives. A project brief booklet was also finalized to provide concise summaries of these important projects.

Output 6.3.1 Knowledge products produced (Models, Analytic tools, toolkits, Satellite data receiver tool, etc.)

## 4.19. Development of Eastern Nile Water Resources Models and Tools

The Development of the centralized Data Base for hydro-meteo time series was developed using HEC-DSSvue. A simple water balance model was developed for each basin, based on valid observed flow records to guide the hydrological model's development

The calibrated Hydrological model HEC-HMS was developed for the four sub-basins: Atbara, Blue Nile, BAS and the Main Nile. The model was simulated for the time window 1972-2024. Modelling scenarios were applied to generate a comprehensive

data set of the climatic variables precipitation (P), and potential evapotranspiration (ET), which are used as boundary condition for the model's chain. The data were obtained from the Climate Model Intercomparison Project 6 (CMIP6[ <https://pcmdi.llnl.gov/CMIP6/>]) with shared Socio-economic Pathways (SSPs).

Three climatic scenarios were included as described below:

1. Scenario 0 – Current conditions: Rainfall and temperature for evaporation calculation are derived from ERA5 data portal, as agreed in the previous phases of the project, for the time window 1972-2023.
2. Scenario 1 – 2060 – SSP2-4.5: Rainfall and temperature used in scenario 0 impacted according to seasonal forecast and to subbasin spatial forecast, according to SSP2 scenario.
3. Scenario 2 – 2060 – SSP3-7.0: Rainfall and temperature used in scenario 0 impacted according to seasonal forecast and to subbasin spatial forecast, according to SSP3 scenario.

The hydraulic model was developed in parallel to the hydrological assessment. The river network was created through deriving the cross sections from COP30 DTM and interpolating the bank lines and river bottom lines with TIN. Three representative years have been identified: Dry Year: 25 percentiles of the simulated years annual average flow; Reference Year: 50 percentiles of the simulated years annual average flow; and Wet Year: 75 percentiles of the simulated years annual average flow.

Data on existing and planned reservoirs has been assessed and evaluated; to define a proposal for the HEC-ResSim planning model development, several scenarios were proposed to identify the number of reservoirs to be included. It is agreed that a total of 55 reservoirs (existing + planned): (Volume > 1000 MCM) OR (Power >100 MW) OR (dam on the main river) is considered. Existing reservoirs and future planned scenarios were developed and calibrated.

During the Inception Meeting it was agreed that both HEC-HMS and SWAT would be developed for Blue Nile and Atbara subbasins. Accordingly, both models are configured, developed and calibrated.

In the development of thematic tool kits (WP4), six toolkits were embedded including EN-Irrigation and drainage Toolkit, Watershed management Toolkit, EN power tools and guidelines Toolkit, Eastern Nile Irrigation Toolkit, Information Management System, and the CAPMAS Agriculture Database Model.

The Development of Revised Platforms and Data Maintenance Strategy (WP5), which is related to updating ENTROs information platforms and practitioners web-forum (WP6) have already completed including: The map for EN-HEC-HMS is developed showing the four sub-basins information for each basin, the specific GIS layers for each basin, sub-basin and its attributes; EN-HEC-HMS models (Atbara, Main Nile, Blue Nile, and Baro-Akobo-Sobat basins) are uploaded in the portal through a splash screen to choose the desired model as per the user needs and interest.



Four (4) dashboards for (Atbara, Main Nile, Blue Nile, and Baro-Akobo-Sobat basins) were developed for the Time Series graphs of precipitation and flow for each basin and sub-basins.



ENTRO conducted a validation workshop to validate the models and tools developed in June 2025, in Addis Ababa, Ethiopia. In addition, Training of Trainers (ToT) and virtual training for all work packages were undertaken, in which a total of 70+ participants from the Eastern Naile Countries were engaged.

## 4.20.Events (Workshops/Trainings) Organized by ENTRO in the Fisical Year

During the reporting fiscal year ENTRO has organized and managed 26 planned events of training, workshops, meetings, and forums at regional level. The events have been conducted engaging a total of 785 individuals among whom 183 were women. The list of events is presented as follows:

S.N.	Event	Venue	Date	Gender		Total
				M	F	
1	Dam safety Potential Strategic Partners Workshop	Addis Ababa, Ethiopia	July 15 - 17, 2024,	28	13	41
2	Dam safety Stakeholders Consultation Workshop	Addis Ababa, Ethiopia	July 18 - 19, 2024,	26	9	35
3	Ethiopians National Flood Forecasting center staff training, October 14-16, 2024, Hawassa Ethiopia	Hawassa Ethiopia	October 14-16 2024	13	0	13
4	Community level flood risk & preparedness awareness training 17-18 October 2024, Hawassa Ethiopia	Hawassa Ethiopia	17-18 October 2024	21	2	23

5	Regional Validation Workshop on Work Package 3 – Consulting Service	Bishoftu, Ethiopia	October 31- November 1, 2024	22	2	24
6	Regional Meida training III Workshop	Bishoftu, Ethiopia	20-22 December 2024	22	9	31
7	ENTRO Program Review retreat	Bishoftu, Ethiopia	02-04 January 2025	24	12	36
8	Workshop for Regional Expert Working Group on Hydrology in Kampala Uganda	Kampala Uganda	02-06- December 2024	56	6	62
9	10th batch internship training program, with the theme “Eastern Nile Drought Assessment”.	Addis Ababa, Ethiopia	01 November 2024 – 31 January 2025	4	6	10
10	Inception Workshop on Development of the EN WR Models and Tools	Entebbe, Uganda	January 16 – 17, 2025	23	3	26
11	CONSULTATIVE DEBRIEFING MEETING ON THE YABUS AND BAS TERMS OF REFERENCES (TORs)	NAIROBI, KENYA	22-Jan-25	26	6	32
12	Dam safety capacity building and pilot training.	Koysa, Ethiopia	March 4 – 8, 2025,	12	18	30
13	EN-FFEWS Capacity Building training for the national experts of the FFC (Sudan & South Sudan)	Juba, South Sudan	March 10 – 12, 2025	24	9	33
14	EN-FFEWS Community Awareness Training, for Sudan & South Sudan participants	Juba, South Sudan	March 13 – 14, 2025	28	15	43
15	BAS flood risk mapping field visit & stakeholders’ engagement on the ground.	Gambella, Ethiopia	April 29 – May 1, 2025	30	5	35
16	BAS Flood Risk Mapping Inception Report Validation Workshop was conducted.	Kampala, Uganda	May 19-20, 2025	23	4	27
17	11th batch Internship Program, Eastern Nile land use Land cover (LULC) & Hydrological Assessment	Addis Ababa, Ethiopia	April-June, 2025	6	2	8
18	Training of Trainees (ToT) in the EN Water Resources Models and Tools	Bishoftu, Ethiopia	May 6 – 10, 2025	36	7	43

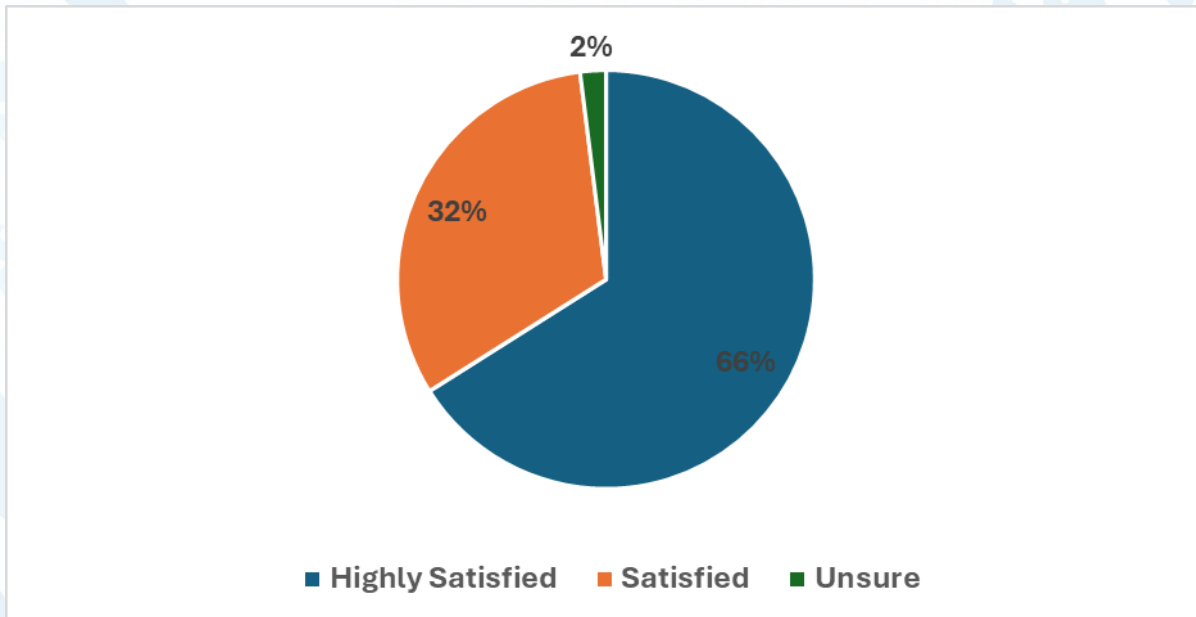


19	Regional Gender Forum	Nairobi, Kenya	April 24 - 26, 2025	24	15	39
20	Regional Gender Training Workshop	Nairobi, Kenya	April 22 - 23, 2025	17	12	29
21	Outreach Mission to Ethiopian Stakeholders for Modeling, Knowledge management Products and Information System Services	Addis Ababa, Ethiopia	24-May-25	23	3	26
22	Outreach Mission To South Sudan Stakeholders for Modeling, Knowledge management Products and Information System Services	Juba, South Sudan	8-Apr-25	20	4	24
23	Validation Workshop on the Development of the Eastern Nile (EN) Water Resources Models and Tools	Addis Ababa, Ethiopia	June 12 - 14, 2025	30	5	35
24	Regional Innovative Stakeholders Forum III	Nairobi, Kenya	June 18-20, 2025	25	6	31
25	Validation Workshop & Water SMART Irrigation Study	Nairobi, Kenya	June 21 - 22, 2025	23	6	29
26	Training on Water SMART Irrigation in the Nile Basin	Nairobi, Kenya	June 23 - 24, 2025	16	4	20
	<b>Total</b>			<b>602</b>	<b>183</b>	<b>785</b>

*List of Events (Workshops/Trainings) organized by ENTRO in the fiscal year*

#### **4.21. Level of Stakeholders Satisfaction**

During the conducting the events which can be workshops, trainings, and consultation meetings, ENTRO conducts survey to know the level of satisfaction by the stakeholders participated in the events. The evaluation elements include the relevance of the contents, participation, capacity of presenters, presentation modality, and facilitation. Accordingly, in the reporting fiscal year a total of 187 participated surveyed and rated their overall satisfaction and the result shows that 66% of the Highly Satisfied, 32% Satisfied, and 2% Unsure.



*Stakeholders' Overall level of Satisfaction*

## 5. Sustainability of Results

The sustainability of project results is crucial. To this end the project impacts should have lasting benefits to the target communities. Additionally, the impacts on the natural environment in terms of their contribution to environmental and natural resources conservations is crucial.. A number of capacity building training workshops were facilitated at national level to strengthen the planning and implementation capacity of experts in the EN which has utmost importance to sustain the program gains/achievements. Also, the active involvement of stakeholders during consultation workshops and project study reviews has created common understanding and ownership which will impact positively the sustainability of the deliverables into the next steps.

EN-FFEWS and the Nile DEWS will be hosted on NBI-Cloud server, and NBI-ENTRO should allocate in sustainable manner budget for hosting these critical flood and drought system. Regular indepth training of the two model managers, operators and administrators are required.

Regarding Dam Safety, the Dam safety Roadmap developed as part of the phase I dam safety activities and the Road map for coordinated operation of cascade dams in EN outline clear path in moving forward to implementing standard dam safety practice and setting up coordinated operation of dams in EN countries. The Road Maps present a recommended plan to implement a comprehensive regional program. This is now being implemented at Regional and National level. Implementing this Road map and strengthening the National and Regional dam safety units are a key to sustain the successful achievements so far made.



## 6. Program Coordination

ENTRO has continued striving for coordination and management of ENSAP projects with strong teamwork and collaboration with its stakeholders and partners. The project holders, functional units such as IT, M&E, Procurement and Finance, and ENTRO management were closely following the implementation process of each ENSAP project through its monthly status monitoring meeting and reviewing periodic reports such as quarterly and mid-year progress reports. In addition, ENTRO has been doing a regular project performance review with partners which have significant support in delivering the intended objectives within the limit of time and resources available.

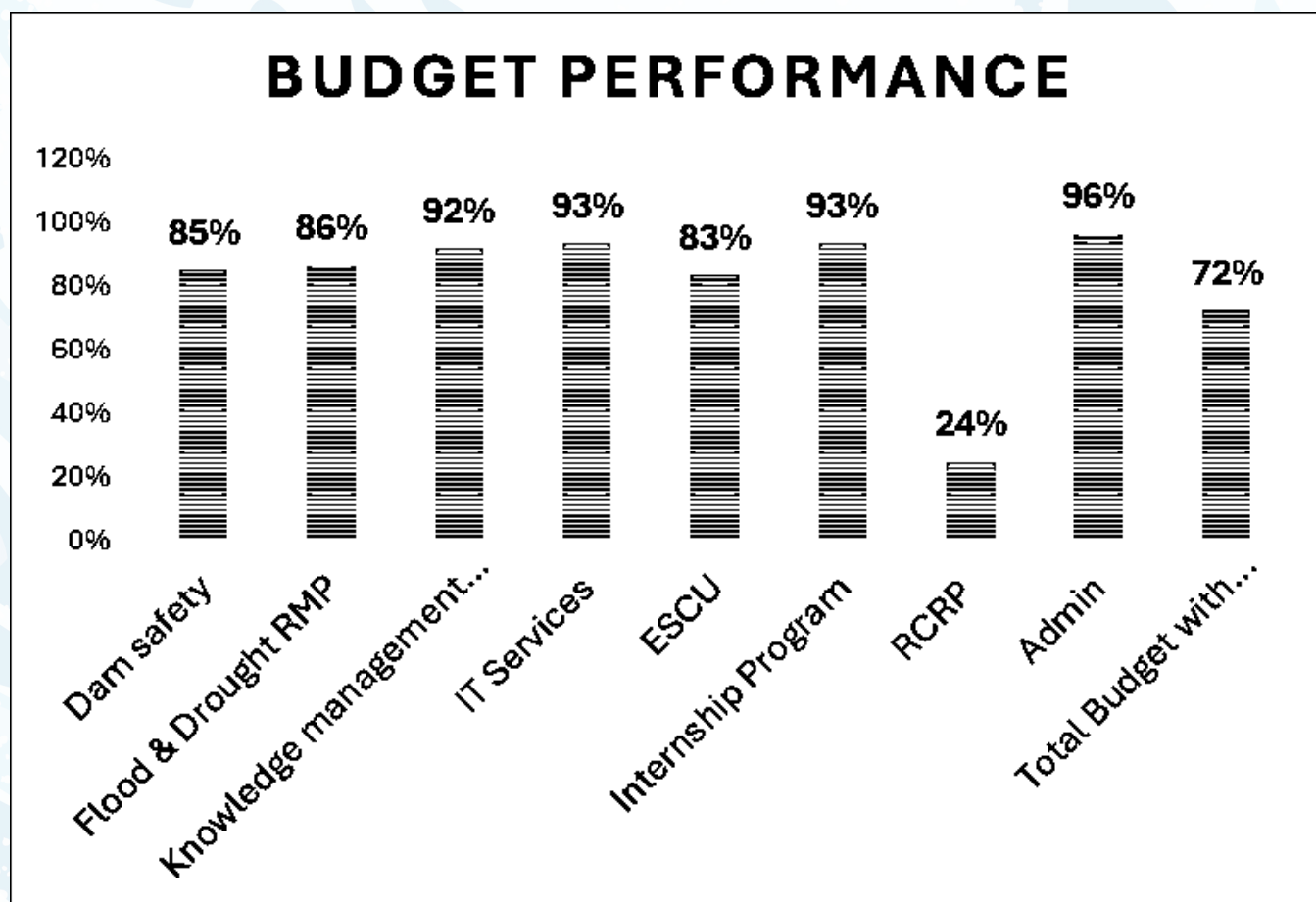
## 7. Financial Performance

The financial performance report is prepared based on the approved Annual Work Plan & Budget for the period, July 2024-June 2025. The budget allocated for the physical year (July 2024 -June 2025) was 6,065,895 and from this 4,338, 914 was utilized, which means 72% of the Annual Budget..

### 7.1. Financial Performance in Thematic areas

Thematic Areas	Annual Budget	Actual	%
Dam safety	916,132	777,829	85%
Flood & Drought RMP	906,425	780,943	86%
Knowledge management & Modeling	918,821	841,479	92%
IT Services	271,962	253,883	93%
ESCU	324,793	270,745	83%
Internship Program	271,962	253,883	93%
RCRP	932,580	227,951	24%
Admin & Other OP Costs	1,041,883	932,201	89%
<b>Total Budget with Mang. (10%)</b>	<b>6,065,895</b>	<b>4,338,914</b>	<b>72%</b>

## Budget Performance by Chart



## 7.2. Country Contribution Status (June 2025)

Countries	Outstanding Contribution as of June 2025	Total Expected Contribution with arrears until 2025/2026	AMT paid to Jun25	Current Outstanding Balances (Not paid) June 30, 2025
Egypt	2,851,567	2,851,567	0	2,851,567
Ethiopia	666,666	666,666	161,279	505,387
South Sudan	3,617,999	3,617,999	0	3,617,999
Sudan	1,892,246	1,892,246	0	1,892,246
Total	9,028,478	9,028,478	161,279	8,867,199



## 8. Major Challenges

- Security situation in the EN impacted the implementation of some planned activities.
- The lengthy procurement procedures and contract signing with consultants.
- Sustainability issue because of shortage of budget for the already completed intervention outcomes.
- Minimum or no country contributions payment from the member countries.

## 9. Lessons Learnt and Recommendations

### Lesson Learned

- Availability of studies and report on water resources development and management and their use as reference for further investment project document preparation.

### Recommendations:

- More work on awareness creation and communicating ENTRO products
- Capacity building for the unit (Knowledge Management).

## 10. Appendices

### 10.1. Detail Physical Activities and Budget Performance

No.	Planned Activities (Annually)	Annual Budget (July 2024-June 2025)	Indicator/ Unit	Total Target	Achievement	% of physical Performance	Total Budget Utilized.	% from the Annual.	Remarks
1.1.1	Output 1.1.1. EN Cascade coordination and regulatory Framework and implementation strategy/ piloting developed								
1.1.1.1	Basin Wide Reference Dam Safety Regulatory Framework and Implementation Strategy study	254,590	# of Deliverables	1	1	100%	200,035	79%	Final Documents
1.1.2.5	Participating in International and regional Dam conferences and meetings organized by IHA, ICOLD, Hydro-Africa, etc.	23,398	# of Events Attended	2	2	100%	9,265	40%	
1.1.1.6	Finalization of Phase III COCD study (Dev. Of flood Guidelines and Coordination of Dams Scoping Study)	66,890	# of Deliverables	1	1	100%	42,500	64%	Final Documents



1.1.1.8	Stakeholders' consultation meeting in each 9 countries to support developing national dam safety regulatory framework considering regional reference framework and transboundary context (governance, policy makers/advisers, regulatory authorities, line ministries, etc.)	45,000	# of meetings Sessions	9	8	90%	21,476	48%	
1.1.1.9	Translation into French and Printing of the reference Framework and Three Guidelines	30,000	# of Documents Translated	1	0.5	50%	-	0%	Translation completed and printing on process
1.1.1.10	Participate in Canadian Dam Association Annual Dam Conference	4,950	# of Events Attended	1	1	100%	4,071	82%	
1.1.1.11	Design Flood Design Guideline Review Workshop	88,000	# of Workshop	1	1	100%	66,878	76%	
1.1.1.12	Communication Materials and Printing	5,500	# Documents printed	1		0%	-	0%	Ongoing

1.1.1.13	Purchase of Office IT Equipment	2,750	# of Items	1			0%	-	0%	Ongoing
1.1.2	Output 1.1.2. Dam Safety Training Center established									
1.1.2.1	Specialist Individual Consultants - Dam safety, specialist (Team Leader)	41,179	# of Individuals	1		1	100%	39,107	95%	
1.1.2.2	Specialist Individual Consultants - Institutional specialist: International	36,661	# of Individuals	1		1	100%	34,012	93%	
1.1.2.3	Specialist Individual Consultants - Dam expert, Module developer (working in the university) regional (one)	22,414	# of Individuals	1		1	100%	19,669	88%	
1.1.2.5	Draft Final report review Consultation Workshop-1: 23 participants (2 per country+2 ENTRO+2 NELSAP-CU, 1 Nile Sec), 2 days' workshop.	42,000	# of Final Report Reviewed	1		1	100%	70,241	167%	
1.1.2.6	Printing Modules	3,000	# of modules printed	1			0%	-	0%	Ongoing
1.1.2.7	Strengthening of Dam Safety Units of EN countries (capacity building trainings in collaboration with Canadian Dam Association): Ethiopia, South Sudan and Sudan.	60,000	# of Training sessions	1		1	100%	85,576	143%	



1.1.2.8	Stakeholder consultation and review workshop 2- to review training curriculum and frameworks: 35 participants (3 per country + 4 ENTRO + 3 NELSAP-CU, 1 Nile sec), 2 days' workshop	65,000	# of Document reviewed	1	1	100%	46,143	71%	
1.1.2.9	Consultation workshop with strategic partners to review curriculum, framework to engage partners and outline of training modules.	75,000	# of Document reviewed	1	1	100%	71,453	95%	
	Dam Safety Aggregate	866,332				93%	710,426	85%	
3.1.1	Output 3.1.1 Guideline/manual for operationalizing Irrigation performance Assessment Study prepared:								
3.1.1.2	Mobilization of Consultant and conducting Water Smart Irrigation Study	310,000	# of Deliverables	5	5	100%	286,797	93%	
3.1.1.3	NBI task team meeting in TOR development, evaluation of consultants	2,591	TOR	1	1	100%	1,437	55%	
3.1.1.4	Inception Workshop (Regional) or Water Smart Irrigation Study	37,500	# of Workshop	1	1	100%	37,226	99%	

3.1.1.8	Validation Workshop (Regional) on Water Smart Irrigation Study	57,500	# of Workshop	1	1	100%	36,450	63%	
6.3.1	Output 6.3.1 Knowledge products produced (Models, Analytic tools, tool-kits, Satellite data receiver tool, etc.)								
6.3.1.1	Water Resources Planning Tools and Models Development; Packaging of data and Information; service for Irrigation, Water use, etc. development (Firm Consultant)	275,000	# of Deliverables	2	2	100%	273,850	100%	
6.3.1.2	Validation Workshops at Regional level to review the WRP models development (Validation)	45,000	# of Workshop	1	1	100%	39,482	88%	
6.3.1.9	Training and outreach EN national water resources planning centers on WRT tools developed	100,000	# of Training sessions & outreach	3	3	100%	92,220	92%	
6.3.1.10	Technical editor for the knowledge products	6,750	# of Documents edited	70	35	50%	3,611	53%	Ongoing
6.3.1.11	Production, printing of knowledge products	20,000	# Documents printed	6	3	50%	-	0%	Ongoing
	KM, Modeling & Irrigation Aggregate	854,341				58%		92%	
	Social Environment and Communication								



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6.1.2.2	Organize media training workshop (ENTRO); 2 days; face to face	30,000	# of Participants	30	31	103%	27,360	91%	
6.2.1.7	Meeting for TAC/ENSAPT standing committees (ENTRO): Address specific/trending topics related to Basin management/ climate change resilience, and decisions taken up by NBI as part of their work plan	8,344	# of meetings	1	-	0%	2,380	29%	ENTRO Management participated in TAC meeting
	Output 6.2.2. Consultation workshops organized for range of stakeholders								
6.2.2.1	Innovative Forums: (2 Stakeholder forums) (HP/ Dam operators + Farms; private sector; faith communities; women; ex-diplomats; media house owners; parliamentarians) + 1 final convergence forum.	69,223	# of Forum	1	1	100%	66,898	97%	
6.2.2.2	NBI/ENTRO participation in NWW	10,000	# of Events Attended	2	1	50%	1,270	13%	
6.2.3	Output 6.2.3 Communication materials prepared (Newsletters, Factsheets, calendars, posters etc.)								
6.2.3.1	Develop communication products (flyers, banners, annual calendars, quarterly newsletter (ENTRO)	10,699	# of Comm. Products	5	5	100%	8,948	84%	



6.2.3.2	Communicating benefits of Nile cooperation and risks of non-cooperation (ENTRO)	4,972	# of Comm. Products	5	5	100%	876	18%	
6.2.3.3	Country Specific Benefits of Cooperation Booklets (ENTRO); costs include NBI task team meeting, graphic design, translation, printing)	2,736	# of Comm. Products	5	5	100%	2,279	83%	
6.2.3.4	Publish annual corporate report (Develop content; Design and layout; Printing; Translation to French) ENTRO	3,219	# of Comm. Products	1	1	100%	372	12%	
	ESCU Aggregate	279,193				98%	225,145	83%	
5.1.1	Output 5.1.1 EN Flood & Drought Protection Studies conducted (phase 2)								
5.1.1.4	Firm Consultant: Drought forecast and dashboard development for delivering drought forecast to end users for entire Nile basin (DEWS, 19 months, started Nov 1, 2023, end May 2025). Contract amount 210700 USD	168,560	Nile DEWS Developed	1	1	100%	168,560	100%	

5.1.1.13	Organize field visit to flood prone areas (consultation with communities, local authorities, national water and DRM institutions)	27,112	# of Visits	1	1	100%	27,021	100%	
5.1.1.18	Drought forecast/monitoring forums at regional level: 25 participants; 2 days	37,500	Forum	1	1	100%	37,345	100%	
5.1.1.19	Drought forecast/monitoring dashboard hosting and maintenance for 5 years	18,000	Monthly Payment	12		0%	-	0%	
5.1.1.20	Issue Drought Forecast bulletins (3month)	12,000	# of Months	3	-	0%	-	0%	
5.1.1.21	Printing and publishing flood guidelines for seventeen sites	15,000	# of Bulletins translated & printed	17		50%	-	0%	10 from English Arabic, 7 from English to Amharic=the translation is under-way
5.1.1.22	Enhancing NBI / ENTRO Cloud infrastructure for ENFFEWS activities	70,000	# of Months	12	12	100%	31,649	45%	
6.1.2	Output 6.1.2. EN National Office capacity built (institution: technical related)								



6.1.2.3	Strengthening capacity of EN national forecasting centers training: national trainings; 3 days; 25 people each "Strengthening capacity of EN National Flood Forecasting Centers (NFFC) and flood prone communities	57,519	# of Training Sessions	1	1	100%	47,457	83%	
	Output 6.2.2. Consultation workshops organized for range of stakeholders								
6.2.2.6	WP3: Workshop - Validation and dissemination workshops on developed flood management strategies, flood Community awareness and preparedness plan, Community-specific flood action for sustainability & high usability of the project.	37,500	# of Workshop	1	1	100%	29,753	79%	
6.2.2.7	Experience Exchange Visits and participate in conferences.	10,000	# of Visits	2	1	50%	2,893	29%	
6.2.2.8	Conduct DEWS consultation and validation workshops at regional level (End user training at regional level will be conducted).	35,124	DEWS validated	1	1	100%	32,934	94%	Drought Early Warning System Developed and operational

6.2.2.10	Consultancy Services: WP 3: "Work Package 3 - Support in Establishing Flood Community Awareness and Preparedness".	277,110	# of Deliverables (Reports)	68	68	100%	277,110	100%	4 Re-ports for 17 sites
6.2.2.11	DEWS Tool dissemination and training Workshops 3 for the effective use of DEWS information services by NBI countries & sustainability & high usability of the project.	45,000	# of Workshop	1	1	100%	41,451	92%	
	Flood & Drought Aggregate	810,425				98%	696,173	86%	
	Regional Climate Resilience Project Activities								
5.1.1.5	Develop Flood Risk Mapping for select areas in BAS (areas to be selected in consultation in Ethiopia and SS). Flood Hazard Assessment and Flood Extent Mapping for BAS (hotspot areas to be selected). Flood Vulnerability Assessment for BAS (hotspot areas to be selected). Flood Risk Assessment for BAS (hotspot areas to be selected)	59,600	Inception Report	1	1	100%	49,994	84%	



5.1.1.6	Preparation of Detailed ToRs for the Consultancy assignment (virtual and physical): Consultative meetings for joint debriefing workshop on the ToRs' scope of works (ENTRO, the Technical Officials from the two Republics of South Sudan and Ethiopia / The Flood & Drought Technical Working Group members and the World Bank)	8,000	TOR	1	1	100%	8,000	100%	
5.1.1.7	Procurement of consultancy services: Preparation of Expressions of Interests (EOI) and request for proposals (RFPs), evaluation of expressions of interest, shortlisting of consultancy firms, advertisement in regional and national papers (for the REOI & RFPs); and evaluation of Technical and Financial Proposals and Contracting	8,000	Consultancy Onboard	1	1	100%	2,652	33%	
5.1.1.9	Gauge reading for at least 3 - years. Daily reading costs about ~ USD 2.5 per day. Data collection in three years-USD 3000 (continuous reading of gauges, recording/processing of data and publication of relevant information).	200	Annual Gauge Reading	3		0%	-	0%	

5.1.1.10	Procurement of consultancy services: Preparation of Expressions of Interests (EOI) and request for proposals (RFPs), advertisements in regional and national papers (for the REOI & RFPs) (1,500), evaluation of expressions of interest (3,500), shortlisting of consultancy firms; and evaluation of Technical and Financial Proposals and Contracting (15,000).	20,000	Consultancy Onboard	1		50%	4,202	21%	The procurement process is at the financial evaluation stage
5.1.1.22	Validations Workshops (Inception, review of draft and Final study reports) - 3 Stakeholder review and Validation workshops for study outputs: Inception Report Review and Validation Workshop (Juba South Sudan)	30,000	Inception Report Validated	1	1	100%	32,391	108%	
5.1.1.23	Stakeholder Engagements: Field visits to BAS flood hot spot areas- Country Consultations between Ethiopia and South Sudan (Field reconnaissance and establishing contacts with key stakeholders on the ground; Engage Stakeholders during Inception phase of the Preliminary assessment of flood management in BAS area.	25,000	# of Field Visits Conducted	1	1	100%	13,733	55%	



5.1.1.24	Special Internship Program for South Sudan	40,000	# of Batches	2	1	50%	17,152	43%	
5.1.1.25	Participation in the RCRP Regional Event/SC with the other partners/stakeholders	6,000	# Events Participated	1	1	100%	4,568	76%	
5.1.1.26	Participation in the National, Regional and International Water Sector Fora	10,000	# of Forum Participated in	3	2	67%	2,198	22%	
5.1.1.28	<p>Consultancy Services for Yabus Watershed Feasibility study for flood management interventions in three WPs with few months of overlapping in three years (30 months).</p> <p>WP1: Baseline study including development of floodplain topography map, asset maps, community survey.</p> <p>WP2: Feasibility study for flood management interventions (structural and non-structural) includes their social, Economic and Environmental Impact Assessment, ...</p> <p>WP3: Implementation of selected cost-effective flood management interventions</p>	296,000	# of Deliverables (Inception, Baseline/Interim/Final Reports)	3		0%	-	0%	

5.1.1.29	Preparation of detailed TOR for the Consultant assignment (virtual and physical): Including drafting, review and consultative meetings for joint debriefing workshop on the TOR's scope of works (ENTRO, the Technical Officials from Ethiopia, South Sudan and Sudan / The RCRP Technical Working Group members and the World Bank).	15,000	TOR	1	1	100%	9,174	61%	
5.1.1.30	Entry/Planning Phase: Inception meeting with the stakeholders and partners (authorities and implementing organizations), to introduce the project, identify, map and engage key stakeholders for the Yabus River Catchments and associated riverine (regional planning meeting in Addis Ababa, Ethiopia).	10,000	# Meetings	1		0%	-	0%	
5.1.1.31	Entry/Planning Phase: Public-community sensitization and awareness meeting in the Yabus River Catchments and associated riverine, to introduce the project to local communities and authorities; and to identify, map and engage key stakeholders (Bunj and Paloch/Malut in South Sudan).	50,000	# Meetings	1		0%	-	0%	



5.1.1.32	Entry/Planning Phase: Public-community sensitization and awareness meeting in the Yabus River Catchments and associated riverine, to introduce the project to local communities and authorities; and to identify, map and engage key stakeholders (Kurmuk in Sudan).	25,000	# Meetings	1		0%	-	0%
5.1.1.33	Entry/Planning Phase: Public-community sensitization and awareness meeting in the Yabus River Catchments and associated riverine, to introduce the project to local communities and authorities; and to identify, map and engage key stakeholders (Assosa in Ethiopia).	15,000	# of meetings	1		0%	-	0%
5.1.1.34	Inception Phase (Inception Report Write-up, Review and Validation): Engage key stakeholders during validation workshop of an inception report of the preliminary assessment of floods and feasibility study workplan in the Yabus River Catchments and associated riverine (Bunj, Maban County, Upper Nile State, South Sudan).	40,000	Inception Report Validated	1		0%	-	0%

5.1.1.35	WP1, the Interim Phase (Baseline Preparation, Review and Validation): Engage key stakeholders during validation workshop of a baseline/interim report of hydrological studies, floods mapping/assessments, and pre-feasibility study of the proposed structural/non-structural flood interventions in the Yabus River Catchments and associated riverine (Juba, South Sudan).	30,000	Interim/ Baseline Re- port Validated	1		0%	-	0%	
5.1.1.36	WP3, Commencement of Capacity Building Activities (Implementation of no regret projects): A developed capacity building program, comprised of equipment and necessary training modules on integrated flood management and response, including awareness creation materials among participating communities and government officials must be implemented to empower them on how to respond to flood risks and on how to jointly monitor floods in the Yabus catchments and associated riverine systems.	5,000	# of Training Documents Developed	1		0%	-	0%	



5.1.1.37	Update the design of flood preparedness and EW system for Communities for selected Hotspot (escape route, sirens system, flood shelters, communication tools - mobile / radio), develop guideline (SOP) document (Validation work for the Main Consultancy work 2.1.1)	30,000	System Developed	1		0%	-	0%	
	RCRP Aggregate	722,800				53%	144,064	24%	
	IT Services								
6.1.1.1	Extension of Cloud infrastructure services licenses	54,000	# of Months	12	12	100%	19,491	36%	
6.1.1.2	Mike Operations and Other Soft Wares Licenses renewal	10,000	# of Months	12	12	100%	168	2%	Nile SEC covered the payment
6.1.1.3	Internet upgrading/ serves/ annual enhancement/maintenance	2,918	Annual	1	1	100%	-	0%	
6.1.1.5	IT consumables	3,000	# Items	10		50%	-	0%	Ongoing
6.1.1.6	ENTRO SMT and Technical Team Capacity Building (IT Security, M365, Teams, OneDrive) training	5,178	# training sessions	1	1	100%	6,156	119%	
6.1.1.8	Tablets	20,000	#	10	10	100%	17,651	88%	

6.1.1.9	Multi-functional AIO Color Print-Scan-Copy - ENTRO	20,000	#	2	2	100%	17,600	88%	
6.1.1.10	Professional Camera for Internship	5,000	#	1	1	100%	5,221	104%	
6.1.1.11	Data Center Airconditioning System	20,000	#	2	2	100%	17,868	89%	
6.1.1.12	Central UPS parts	10,000	#	2	2	100%	9,900	99%	
6.1.1.16	Central UPS Batteries for Server	47,015	#	12	12	100%	45,951	98%	
6.1.1.17	KVM Console Bundle	12,652	#	1	1	100%	11,930	94%	
	IT Services Aggregate					98%		93%	
	Admin and Finance								
6.1.1.20	ENTRO-Office upgrading (Minor Civil Works for Office Refurbishment)	14,000	Lump sum	14,000		85%	315	2%	
6.1.1.21	ENTRO-Office upgrading (Furniture/Partitions)	24,543	Lump sum	24,543		95%	13,470	55%	
6.1.1.23	Capacity Building: Training in Project Management, M&E, Procurement, Contract Administration, Financial Management etc.	61,018	# of Trainings	3	2	67%	33,683	55%	
6.1.1.26	IPSAS/IFMIS Capacity Building, Adoption and Compliance and migration	51,433	# of Trainings	1	1	100%	27,117	53%	
6.2.1.1	Organize EN Governance meetings	70,000	# Meetings	2	2	100%	6,632	9%	



6.2.1.2	Participating in Nile TAC meetings	10,000	# Meetings	3	2	67%	-	0%	
6.2.1.3	Participate in Three Centers Coordination Meetings	80,000	# Meetings	5	5	100%	30,329	38%	
	Admin Aggregate	310,994				96%	111,546	89%	
6.1.3	Output 6.1.3. Participants enrolled in ENTRO Internship								
6.1.3.6	ENTRO: Logistics for Interns (travel and visa fee)	21,000	# Interns	21	21	100%	22,307	106%	
6.1.3.8	Running the 9th NCCR batch of the internship / Conduct 2024 Flood Forecast and Early Warning Activity/	18,000	# Interns	3	3	100%	16,200	90%	
6.1.3.9	Outstanding training / Field Visits / Dissemination Workshops/ Conferences/Support to the interns' project/9th internship program	18,000	# Interns	3	3	100%	14,772	82%	
6.1.3.10	Advertise, Evaluate, Award and contract the 10th NCCR Internship Batch interns	-	Interns On-board	10	10	100%	-		
6.1.3.11	Running the 10th NCCR batch of the internship	48,000	# Interns	10	10	100%	44,412	93%	

6.1.3.12	Outstanding training / Field Visits / Dissemination Workshops/ Conferences/Support to the interns' project/10th NCCR Internship Batch interns	40,800	# Interns	10	10	100%	29,092	71%	
6.1.3.13	Advertise, Evaluate, Award and contract the 11th NCCR Internship Batch interns	-	Interns On-board	8	8	100%	-		
6.1.3.14	Running the 11th the NCCR batch of the internship	48,000	# Interns	8	8	100%	51,617	108%	
6.1.3.15	Outstanding training / Field Visits / Dissemination Workshops/ Conferences/Support to the interns' project/11th NCCR Internship Batch interns	40,800	# Interns	8	8	100%	39,484	97%	
	Internship Program Aggregate	234,600				100%	217,883	93%	
Aggregate Physical and Financial Performance for Over-all (All costs)	6,065,895				90%	4,338,914	72%		



## 10.2. Detail Annual Budget Performance

S/N	Description of Results-Based Activities	QI			QII			QIII			QIV			Annual Total Budget	Project	Total Expenditure/Actual	%
		Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun				
I.	Goal 1: Improve Water Security in the Eastern Nile																
1.1	Outcome 1.1. EN countries adopted and implemented basin-wide cascade coordination regulatory framework and implementation strategy																
1.1.1	Output 1.1.1. EN Cascade coordination and regulatory Framework and implementation strategy/ piloting developed																
1.1.1.1	Basin Wide Reference Dam Safety Regulatory Framework and Implementation Strategy study		146,389		108,201									254,590	NCCR	200,035	79%
1.1.1.5	Participate in International and regional Dam conferences and meetings organized by IHA, ICOLD, Hydro-Africa, etc.		10,000				10,000					3,398		23,398	NCCR	9,265	40%
1.1.1.6	Finalization of Phase III COCD study (Dev. Of flood Guidelines and Coordination of Dams Scoping Study)													66,890	GIZ Support project	42,500	64%
1.1.1.7	Regional Dam Safety Expert	5,088	5,088	5,088	5,088	5,088	5,088	5,088	5,088	5,088	5,088	5,088	5,088	61,050	NCCR	67,403	110%
1.1.1.8	Stakeholders' consultation meeting in each 9 countries to support developing national dam safety regulatory framework considering regional reference framework and transboundary context (governance, policy makers/advisers, regulatory authorities, line ministries, etc.)	15,000	10,000	10,000	10,000									45,000	NCCR	21,476	48%
1.1.1.9	Translation into French and Printing of the reference Framework and Three Guidelines						30,000							30,000	NCCR	0	0%
1.1.1.10	Participate in Canadian Dam Association Annual Dam Conference			4,950										4,950		4,071	82%

1.1.11	Design Flood Design Guideline Review Workshop					60,000		28,000					88,000		66,878	76%
1.1.12	Communication Materials and Printing						5,500						5,500		0	0%
1.1.13	Purchasing Office, It Equipment					2,750							2,750		0	0%
	Sub-Total	20,088	#####	20,038	#####	5,088	#####	5,088	#####	5,088	5,088	8,486	5,088	582,128	411,628	71%
1.1.2	Output 1.1.2. Dam Safety Training Center established														0	
	Conducting Dam Safety Training Center study														0	
1.1.2.1	Specialist Individual Consultants - Dam safety, specialist (Team Leader)			20,590				20,589					41,179	NCCR	39,107	95%
1.1.2.2	Specialist Individual Consultants - Institutional specialist: Internal			18,330				18,331					36,661	NCCR	34,012	93%
1.1.2.3	Specialist Individual Consultants - Dam expert, Module developer (working in the university) regional (one)			11,207				11,207					22,414	NCCR	19,669	88%
1.1.2.5	Draft Final report review Consultation Workshop-1: 23 participants (2 per country+2 ENTRO+2 NELSAP-CU, 1 Nile sec), 2 days' workshop.							42,000					42,000	NCCR	70,241	167%
1.1.2.6	Printing Modules					3,000							3,000	NCCR	0	0%
1.1.2.7	Strengthening of Dam Safety Units of EN countries (capacity building trainings in collaboration with Canadian Dam Association): Ethiopia, South Sudan and Sudan.					40,000				20,000			60,000	NCCR	85,576	143%
1.1.2.8	Stakeholder consultation and review workshop 2- to review training curriculum and frameworks: 35 participants (3 per country + 4 ENTRO + 3 NELSAP-CU, 1 Nile sec), 2 days' workshop	65,000											65,000	NCCR	46,143	71%



1.1.2.9	Consultation workshop with strategic partners to review curriculum, framework to engage partners and outline of training modules.	75,000	-	50,127	-	40,000	3,000	50,127	42,000	-	20,000	-	5,088	927,382	NCCR	71,453	95%
	Sub Total Training center	#####	-	50,127	-	40,000	3,000	50,127	42,000	-	20,000	-	5,088	345,254		366,201	106%
	Sub-Total Cascade Coordination & Training center	160,088	171,477	70,165	123,288	45,088	110,838	55,215	147,478	8,486	25,088	5,088	927,382			777,829	84%
1.3	Outcome 1.3 EN Water Quality Study recommendations implemented																
1.3.1	Output 1.3.1. EN Water Quality Study completed.																
	Sub-Total Swater Quality	-	-	-	-	-	-	-	-	-	-	-	-	-		0	
	Sub-Total Goal 1	160,088	171,477	70,165	123,288	45,088	110,838	55,215	147,478	8,486	25,088	5,088	927,382			777,829	84%
III	Goal 3: Enhance Food Security in the EN																
3.1	Outcome 3.1 EN Irrigation Performance Assessment Study recommendation implemented by countries																
3.1.1	Output 3.1.1 Guideline/manual for operationalizing Irrigation performance Assessment Study prepared:																
3.1.1.2	Mobilization of Consultant and conducting Water Smart Irrigation Study				48,000		72,000		48,000	72,000				240,000	NCCR	286,797	119%
3.1.1.3	NBI task team meeting in TOR development, evaluation of consultants				2,591									2,591	NCCR	1,437	55%
3.1.1.4	Inception Workshop (Regional) or Water Smart Irrigation Study				37,500									37,500	NCCR	37,226	99%
3.1.1.5	Senior Regional Project Coordinator	7,305	7,305	7,305	7,305	7,305	7,305	7,305	7,305	7,305	7,305	7,305	7,305	87,657	NCCR	88,266	101%
3.1.1.6	Participation on regional and international conferences; training on the use of EO for irrigation performance assessment and information products developed by ENTRO		20,000							50,000				70,000	NCCR	10,406	15%

3.1.1.7	Regional Water Resources Model	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	NCCR	60,000	100%
3.1.1.8	Validation Workshop (Regional) on Water Smart Irrigation Study																			NCCR	36,450	97%
3.1.1.9	Production and disseminations of deliverables																			NCCR	0	0%
	Sub-Total Irrigation	12,305	32,305	12,305	#####	12,305	84,305	12,305	60,305	12,305	12,305	#####	32,305	555,248		520,582	94%					
	Sub-Total Goal 3	12,305	32,305	12,305	100,396	12,305	84,305	12,305	60,305	12,305	12,305	171,805	32,305	555,248		520,582	94%					
IV	Goal 4: Enhance Environmental Sustainability																					
4.1	Outcome 4.2. EN Water hyacinth control study findings implemented by EN countries																					
4.2.2.	Output 4.2.2. Environmental and social safeguards awareness created at regional and national levels.																					
4.2.2.1	Prepare materials for gender mainstreaming training workshops for ENTRO Staff and EN countries (regional) (ENTRO)								10,000						10,000	NCCR	0	0%				
4.2.2.2	Conduct gender mainstreaming training workshops for ENTRO and EN Nile Countries - 2days; 2 times; 30pax; face to face									45,000					45,000	NCCR	46,112	102%				
4.2.2.3	Regional Social and Environment Officer	3,800	3,800	3,800	3,800	3,800	3,800	3,800	3,800	3,800	3,800	3,800	3,800	45,600	NCCR	45,600	100%					
4.2.2.4	Conducting gender forum for EN Region										75,000				75,000	NCCR	60,919	81%				
	Sub-Total 4.2.2.	3,800	3,800	3,800	3,800	3,800	3,800	3,800	13,800	48,800	78,800				152,651	87%						
	Sub-Total Goal 4	3,800	3,800	3,800	3,800	3,800	3,800	3,800	13,800	48,800	78,800	3,800	3,800	175,600		152,651	87%					
V.	Goal 5 : Enhance EN Climate Change Adaptation																					
5.1	Outcome 5.1 EN countries' preparedness to flood and drought risks improved																					
5.1.1	Output 5.1.1 EN Flood & Drought Protection Studies conducted (pase 2)																					



5.1.1.4	Firm Consultant: Drought forecast and dashboard development for delivering drought forecast to end users for entire Nile basin		73,745															52,675	42,140		168,560	NCCR	168,560	100%
5.1.1.5	Develop Flood Risk Mapping for select areas in BAS (areas to be selected in consultation in Ethiopia and SS). Flood Hazard Assessment and Flood Extent Mapping for BAS (hotspot areas to be selected). Flood Vulnerability Assessment for BAS (hotspot areas to be selected). Flood Risk Assessment for BAS (hotspot areas to be selected)																	22,350	37,250		59,600	RCRP	49,994	84%
5.1.1.6	Preparation of Detailed ToRs for the Consultancy assignment (virtual and physical): Consultative meetings for joint review of draft ToRs (NELSAP, ENTRO, the Technical Officials from the Republics of South Sudan and Uganda / The NCCR Flood & Drought Technical Working Group members and the World Bank).	8,000																			8,000	RCRP	8,000	100%
5.1.1.7	Procurement of consultancy services: Preparations of Expressions of Interests, Evaluations of Expressions of interest, shortlisting of consultancy firms, Advertising of consultancy firms, Advertisements in Regional papers (for the EO); and Evaluations of Technical and Financial Proposal and Contracting		1,000	7,000																	8,000	RCRP	2,652	33%
5.1.1.9	Gauge reading for at least 3 – years (continuous reading of gauges, recording/processing of data and publication of relevant information).																		100	100	200	RCRP	0	0%
5.1.1.10	Procurement of consultancy services: Preparations of Expressions of Interests, Evaluations of Expressions of interest, shortlisting of consultancy firms, Advertisements in Regional papers (for the EO); and Evaluations of Technical and Financial Proposals and Contracting			20,000																	20,000	RCRP	4,202	21%

5.1.1.13	Organize field visit to flood prone areas (consultation with communities, local authorities, national water and DRM institutions)					9,037	4,519	9,037	4,519						27,112	NCCR	27,021	100%
5.1.1.14	Regional Water Resources Planner/Floods Forecast Drought Coordinator	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	60,000	NCCR	60,000	100%
5.1.1.15	CIS and Remote Sensing Expert	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	36,000	NCCR	24,771	69%
5.1.1.16	Procurement Officer	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	36,000	NCCR	36,000	100%
5.1.1.17	Drought forecast/monitoring forums at regional level: 25 participants; 2 days										37,500				37,500	NCCR	0	0%
5.1.1.17.	Fund allocated for NBD Activities														78,684		77,500	98%
5.1.1.18	Drought forecast/monitoring dashboard hosting and maintenance for 5 years	1,000	1,000	1,000	1,000	1,000	1,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	18,000	NCCR	37,345	207%
5.1.1.19	Issue Drought Forecast bulletins (3month)		4,000				4,000				4,000				12,000	NCCR	0	0%
5.1.1.20	Printing and publishing flood guidelines for seven sites				15,000										15,000	NCCR	0	0%
5.1.1.21 /22	Enhancing NBI / ENTRO cloud infrastructure for ENFEWS activities					70,000									70,000	NCCR	31,649	45%
5.1.1.22	Validations Workshops (Inception, review of draft and Final study reports) - 3 Stakeholder review and Validation workshops for study outputs							30,000							30,000	RCRP	32,391	108%
5.1.1.23	Stakeholder Engagements: Field visits to BAS flood hot spot areas-Country Consultations between Ethiopia and South Sudan (field reconnaissance and establishing contacts with key stakeholders on the ground; Engage Stakeholders during Inception phase of the Preliminary assessment of flood management in Yabus watershed)						25,000								25,000	RCRP	13,733	55%





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5.1.1.33	Entry/Planning Phase: Public-community sensitization and awareness meeting in the Yabus River Catchments and associated riverine, to introduce the project to local communities and authorities; and to identify, map and engage key stakeholders (Assosa in Ethiopia).									15,000								RCRP	0	0%
	Validations Workshops (Inception, review of draft and Final study reports) - 3 Stakeholder review and Validation workshops for study outputs																			
5.1.1.34	Inception Phase (Inception Report Write-up, Review and Validation): Engage key stakeholders during validation workshop of an inception report of the preliminary assessment of floods and feasibility study workplan in the Yabus River Catchments and the associated riverine (Bunj, Maban County, Upper Nile State, South Sudan).								40,000									RCRP	0	0%
5.1.1.35	WPI, the Interim Phase (Baseline Preparation, Review and Validation): Engage key stakeholders during validation workshop of a baseline/interim report of hydrological studies, floods mapping/assessments, and pre-feasibility study of the proposed structural/non-structural flood interventions in the Yabus River Catchments and associated riverine (Juba, South Sudan).														30,000			RCRP	0	0%

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	It Services																			
6.1.1.1	Extension of Cloud infrastructure services licenses	27,000											27,000				54,000	NCCR	19,491	36%
6.1.1.2	Mike Operations and Other Soft Wares Licenses renewal																10,000	NCCR	168	2%
6.1.1.3	Internet upgrading/serves/annual enhancement/maintenance	2,918															2,918	NCCR	0	0%
6.1.1.5	IT consumables																3,000	NCCR	0	0%
6.1.1.6	ENTRO SMT and Technical Team Capacity Building (IT Security, M365, Teams, OneDrive) training																5,178	NCCR	6,156	119%
6.1.1.8	Tablets	20,000															20,000	NCCR	17,651	88%
6.1.1.9	Multi-functional AIO Color Print-Scan-Copy - ENTRO	20,000															20,000	NCCR	17,600	88%
6.1.1.10	Professional Camera for Internship	5,000															5,000	NCCR	5,221	104%
6.1.1.11	Data Center Airconditioning System	20,000															20,000	NCCR	17,868	89%
6.1.1.12	Central UPS parts	10,000															10,000	NCCR	9,900	99%
6.1.1.16	Central UPS Batteries for Server	47,015															47,015	NCCR	45,951	98%
6.1.1.17	KVM Console Bundle	12,652															12,652	NCCR	11,930	94%
6.1.1.18	IT Officer	1,481															1,481	NCCR	17,771	100%
6.1.1.19	IT Expert	1,269															1,269	EN-SAP	15,225	100%
	Sub Total IT	137,417	32,668	4,250	7,927	2,750	12,750	2,750	2,750	2,750	2,750	2,750	2,750	2,750	2,750	2,750	242,759		184,931	76%
	Admin and Finance																			
6.1.1.20	ENTRO-Office upgrading (Minor Civil Works for Office Refurbishment)		4,000		10,000												14,000	NCCR	315	2%
6.1.1.21	ENTRO-Office upgrading (Furniture/Partitions)	5,000		19,543													24,543	EN-SAP	13,470	55%
6.1.1.22	External Audit fees						7,000										7,000	NCCR	4,000	57%

6.1.1.23	Capacity Building: Training in Project Management, M&E, Procurement, Contract Administration, Financial Management etc.	14,500		15,445			28,000		3,073			61,018	NCCR	33,683	55%
6.1.1.24	Regional Staff Recruitment Cost			10,000				10,000				20,000	EN-SAP	0	0%
6.1.1.25	Demobilization for RFAH & ED			7,598				5,182				12,780	EN-SAP	7,598	59%
6.1.1.26	IPSAS/FMIS Capacity Building, Adoption and Compliance and migration			23,000				11,588				51,433	NCCR	27,117	53%
6.1.1.27	Office Operations Cost (Communication, Utilities, sundries, vehicles maintenance, spare parts)	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	120,000	CC/GIZ-EU/RCRP/NCCR	308,273	257%
6.1.1.28	Regional Finance Administration Head	6,088	6,088	6,088	6,088	6,088	6,088	6,088	6,088	6,088	6,088	73,056	NCCR/CC/RCRP	72,447	99%
	Sub Total Admin and Finance	35,588	20,088	91,674	26,088	16,088	51,088	42,858	19,161	16,088	16,088	383,830		466,904	122%
	Monitoring and Evaluation														
6.1.1.30	Regional Staff Input time: Lead Technical Specialist stationed at ENTRO (5000 USD / Month)	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	60,000	RCRP	60,000	100%
6.1.1.31	M&E Officer	2,574	2,574	2,574	2,574	2,574	2,574	2,574	2,574	2,574	2,574	30,883	NCCR/RCRP	30,442	99%
	Sub Total M&E	7,574	7,574	7,574	7,574	7,574	7,574	7,574	7,574	7,574	7,574	90,883		90,442	100%
	Audit Cost														
6.1.1.32	Auditing costs											5,000	RCRP	0	0%
6.1.1.33	Internal auditor	1,402	1,402	1,402	1,402	1,402	1,402	1,402	1,402	1,402	1,402	16,820	CC/RCRP	15,418	92%
	Sub Total Internal Audit	1,402	1,402	1,402	1,402	1,402	1,402	1,402	1,402	1,402	1,402	21,820		15,418	71%
	Sub Total: 6.1.1	181,980	61,731	104,899	42,991	27,813	72,813	54,583	30,886	34,313	27,813	71,658		757,695	102%
6.1.2	Output 6.1.2. EN National Office capacity built (institution: technical related)														

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6.1.3.13	Advertise, Evaluate, Award and contract the 11th NCCR Internship Batch interns																		NCCR	0		
6.1.3.14	Running the 11 the NCCR batch of the internship																		NCCR	51,617	108%	
6.1.3.15	Outstanding training / Field Visits /Dissemination Workshops/Conferences/Support to the interns' project/11th NCCR Internship Batch interns																		NCCR	39,484	97%	
	Sub -Total: 6.1.3. (Internship program)	12,080	9,000	27,000	11,960	19,000	59,800	19,000	11,960	19,000	59,800	19,000	4,362	271,962		253,883	93%					
	Sub -Total Capacity Building (6.1.)	194,060	70,731	131,899	74,123	56,813	162,613	92,755	42,846	53,313	106,788	90,658	32,175	1,108,773		1,094,126	99%					
6.2	Outcome 6.2. Enhanced visibility and partnership with stakeholders																					
	Output 6.2.1. Governance & Coordination Meetings conducted																					
6.2.1.1	Organize EN Governance meetings	35,000					35,000							70,000	EN-SAP	6,632	9%					
6.2.1.2	Participating in Nile TAC meetings			5,000								5,000		10,000	EN-SAP	0	0%					
6.2.1.3	Participate in Three Centers Coordination Meetings	10,000		20,000		10,000			25,000			15,000		80,000	NCCR	30,329	38%					
6.2.1.4	Executive Director	8,864	8,864	8,864	8,864	8,864	8,864	8,864	8,864	8,864	8,864	8,864	8,864	106,370	EN-SAP	35,457	33%					
6.2.1.5	Finance Officer	1,955	1,955	1,955	1,955	1,955	1,955	1,955	1,955	1,955	1,955	1,955	1,955	23,456	CC/RCRP	24,370	104%					
6.2.1.6	Support Staff Cost	12,367	12,367	12,367	12,367	12,367	12,367	12,367	12,367	12,367	12,367	12,367	12,367	148,409	EN-SAP	142,580	96%					
6.2.1.7	Meeting for TAC/ENSAPT standing committees (ENTRO): Address specific/trending topics related to Basin management/climate change resilience, and decisions taken up by NBI as part of their work plan					8,344								8,344	NCCR	2,380	29%					
	Sub Total 6.2.1. (Governance & Coordination meetings)	68,186	23,186	48,186	23,186	41,530	58,186	23,186	48,186	23,186	43,186	23,186	23,186	446,580		241,746	54%					

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6.2.3.1	Develop communication products (flyers, banners, annual calendars, quarterly newsletter (ENTRO))		4,226			4,113		2,360										10,699	NCCR	8,948	84%
6.2.3.2	Communicating benefits of Nile cooperation and risks of non-cooperation (ENTRO)		2,032			2,033		907										4,972	NCCR	877	18%
6.2.3.3	Country Specific Benefits of Cooperation Booklets (ENTRO); costs include NBI task team meeting, graphic design, translation, printing)	965			965		806											2,736	NCCR	2,279	83%
6.2.3.4	Publish annual corporate report (Develop content; Design and layout; Printing; Translation to French) ENTRO	1,407			1,406		406											3,219	NCCR	372	12%
6.2.3.5	Junior Communication Officer	2,059	2,059	2,059	2,059	2,059	2,059	2,059	2,059	2,059	2,059	2,059	2,059	2,059	2,059	2,059	2,059	24,703	NC-CR&R-CRP	24,703	100%
	Sub-Total: 6.2.3.	2,059	10,689	2,059	2,059	10,576	2,059	6,537	2,059	2,059	2,059	2,059	2,059	2,059	2,059	2,059	2,059	46,329		37,178	80%
	Sub-Total Enhanced Visibility (6.2.)	175,545	40,258	120,906	74,128	122,767	96,267	61,752	56,107	76,628	26,628	115,851	26,628	993,468				748,237			75%
6.3	Outcome 6.3 EN Knowledge Products and analytical tools utilized in WR planning and management																				
6.3.1	Output 6.3.1 Knowledge products produced (Models, Analytic tools, toolkits, Satellite data receiver tool, etc.)																				
6.3.1.1	Water Resources Planning Tools and Models Development; Packaging of data and information; service for Irrigation, Water use, etc. development (Firm Consultant)	56,800			85,200			85,200										275,000	NCCR	273,850	100%
6.3.1.2	Validation Workshops at Regional level to review the WRP models development (Validation)																	45,000	NCCR	39,482	88%
6.3.1.5	National Modeler and KM Officer	2,600	2,600	2,600	2,600	2,600	2,600	2,600	2,600	2,600	2,600	2,600	2,600	2,600	2,600	2,600	2,600	31,200	NCCR	29,436	94%
6.3.1.8	Experience exchange Visits and participate in conferences.		4,480															4,480	NCCR	0	0%
6.3.1.9	Training and outreach EN national water resources planning centers on WRT tools developed																	100,000	NCCR	92,220	92%



[illegible]

## Vision



“A credible, adaptive regional institution fostering sustainable transboundary cooperation”.

## Mission

“We Work to realize shared benefits of cooperative Water Resources Development and Management in the Eastern Nile”.

## Core Values Are Right:

### Regional Orientation, Focus on People and Environment

We are committed to regional cooperation in all our activities and relationships among ourselves and with our partners. We are committed to work for the benefit of the people and the environment of the EN countries.

Initiatives, Dynamism and Creativity as a team and as individuals, we take initiative and embrace new ideas for the enhancement of both our performance and our working environment. We strive for creativity to set the example and place for others.

### Gender Balance, Equity and Respect Diversity

In all our work and interactions, we give equal opportunities for both genders and seek gender balance. We also do not discriminate against any individuals because of their beliefs or physical appearance. We emphasize mutual respect for individuals, recognition of their contributions, and their rights to equity in benefit sharing.

### Honesty, Excellence and professionalism

We perform all our duties in a spirit of trust, transparency and honesty. We are committed to excellence and professionalism in all our work. We do not compromise on quality and accountability.

### Teamwork, participation and partnership

We choose to work in teams with our colleagues at ENTRO and with ENTRO'S owners and partners. We also seek to expand and intensify the participation of non-governmental stakeholders, particularly from EN civil society and the private sector.

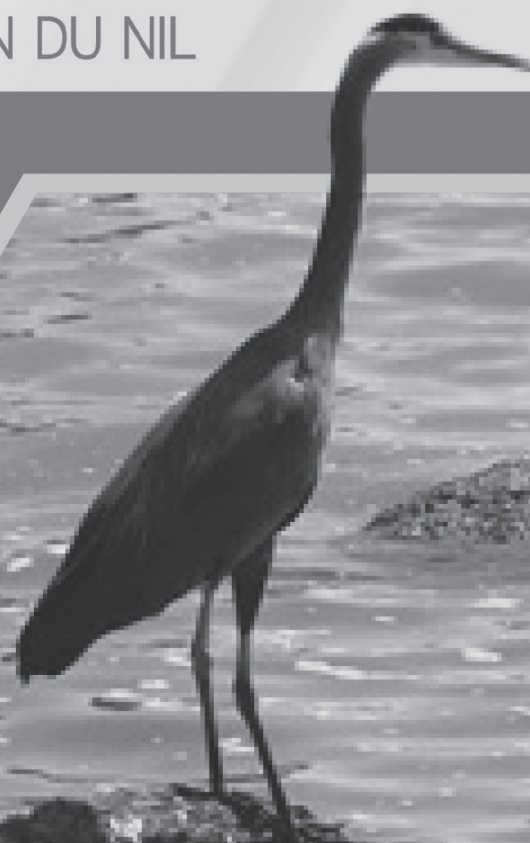
We believe through participation and partnership we can achieve synergies otherwise lost. We hold ourselves individually and collectively accountable in achieving our commonly shared objectives.



ENTRO

# NILE BASIN INITIATIVE

INITIATIVE DU BASSIN DU NIL



# 2025

**ENSAP Annual  
Performance  
Report  
July 2024-June 2025**







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