

Support "PACWA" and enhance institutional capacity for professionals from Egypt and African countries in the water and climate sectors.

Section 1: General Information	
Summary	The challenges confronting water resources management are greatly increasing particularly in Africa which necessitates enhancing the capabilities and capacities of water professionals all over the continent. This project directly addresses this need by providing accessible, high-quality training programs delivered by a dedicated regional hub.
Proponent Name(s)	Ministry of Water Resources and Irrigation- Egypt
Proponent Type	National Governments
Primary Contact Name	Minister office
Primary Contact Details	Minister_office@mwri.gov.eg
Additional Contact Details	mwri1@mwri.gov.eg
Region	Africa

Section 2: Commitment	
Linkages to SDG 6	Improve Water Quality, Wastewater Treatment and Safe Reuse, Increase Water-Use Efficiency and Ensure Freshwater Supplies, Implement Integrated Water Resources Management
Target	<ul style="list-style-type: none"> • Egypt aims to make available its competent centers to serve as the hosting hub for training and capacity building in Africa, "the Regional Center for Training and Water Studies RCTWS", affiliated with the Ministry of Water Resources and Irrigation will act as the headquarter of the Pan-African Centre PACWA. • The Government of Egypt is undertaking the necessary measures to ensure an integrated approach through institutional capacity development, infrastructural intervention, network enhancing, training quality improvement to host a flexible and efficient training hub with innovative services and to enable the center to respond to modern requirements for didactic purposes to deliver a high quality international standard training courses at all levels. • The Hub will function in cooperation with different national, regional and continental institutions involved in the adaptation domain specifically in the water and climate sectors. • Align the project with the Sustainable Development Goals (SDGs) and integrate key SDG principles of universality and equity into the training programs to address the themes of the

	hydrological program to ensure a holistic approach to water resilience and adaptation efforts across the African continent.
Linkages to other SDG	Quality Education

Section 3: Actions and Outcomes to Achieve Targets		
Relevant Sub-Theme	Knowledge and Innovation	
Actions and Outcomes	<ul style="list-style-type: none"> Assist (PACWA) in aligning with international standards through the enhancement of curricula, infrastructure and facilities. Upgrading of laboratories, equipment and facilities such as accommodation rooms and other training services. Accommodate around 18 regular, high-quality, internationally recognized training programs in line with the Action on Adaptation and Water Resilience Initiative (AWARe) at its focal training center. Benefit about 1400 trainees from Egypt and various African countries. It aims to improve their knowledge and skills in water and climate management. 	
Implementation Period	Start Period	4/1/2024
	End Period	1/1/2027
Financial Commitment	<p><i>Training facilities: 2.000.000 Euro</i> <i>Furniture: (desks, chairs, whiteboards.... etc.)</i> <i>IT equipment: (computers, projectors, training aids.... etc)</i></p> <p><i>Practical Pilot projects and Labs: 1.500.000 Euro</i> <i>(equipment, operational costs...etc)</i></p> <p><i>Training Program Implementation:1.500.000 Euro</i> <i>(Trainers' fees, training materials, participants travel/transportations & accommodation)</i></p> <p><i>Proposed Estimated amount: 8.000.000 Euro</i></p>	

National Drainage Program IV (NDP4)

Section 1: General Information	
Summary	Supply agriculture land by 1.4 million Feddan by subsurface drainage networks rehabilitation, Civil works rehabilitation on open drains and to increase flow capacity, because the life span of the 1.4 million feddan subsurface drainage networks has ended as these networks were constructed about 30 years' ago, also maintenance for these networks is not feasible
Proponent Name(s)	Ministry of Water Resources and Irrigation- Egypt
Proponent Type	National Governments
Primary Contact Name	Minister Office
Primary Contact Details	Minister_office@mwri.gov.eg
Additional Contact Details	mwri1@mwri.gov.eg
Region	Africa

Section 2: Commitment	
Linkages to SDG 6	Implement Integrated Water Resources Management
Target	Supply agriculture land by 1.4 million Feddan by subsurface drainage networks rehabilitation, Civil works rehabilitation on open drains and to increase flow capacity
Linkages to other SDG	Industry, Innovation And Infrastructure

Section 3: Actions and Outcomes to Achieve Targets		
Relevant Sub-Theme	Water Security and Prosperity	
Actions and Outcomes	<ul style="list-style-type: none"> - Improve agriculture economics - Improve drainage water quality to increase chance for reuse - Applying integrated water resources management rules - Support farmer participation in maintenance operation 	
Implementation Period	Start Period	6/1/2024
	End Period	8/1/2036
Financial Commitment	Proposed Estimated 700 million Euro on 12 years (3 phases - 4 years for each phase)	