

United Nations Development Programme

Country: Libyan Arab Jamahiriya

Project Document

Project Title: Strengthening GWA Technical Capacity in Water Resources Planning and Management

UNDAF Outcome(s): Greater awareness, capacities, and means to monitor and preserve the environment at global, national and local levels.

Expected CP Outcome(s): Capacity building and upgrading the Central Laboratory
(Those that will result from the project)

Executing Entity: UNDP Libya

Implementing Agencies: General Water Authority (GWA)

Brief Description

In order for the General Water Authority (GWA) to deal with the ever growing concern over the water sector, it has been concluded that the enhancement of its capacity is required to be become its uttermost priority. This project is thus designed to support GWA in this undertaking through the development of a consultative process that includes training, upgrading the laboratories and provision of the authority's departments with technical support.

The project does fall in the area of capacity development which is one of the objectives of UNDP's Country Programme 2006-2009.

The project is geared to enhance institutional and personnel effectiveness to apply innovative management techniques to carry out sustainable water resources management task as well as the other functions of GWA.

Programme Period:	2006 - 2009
Key Result Area (Strategic Plan)	Mainstreaming environment and energy
Atlas Award ID:	_____
Start date:	01.01.2009
End Date	31.12.2009
PAC Meeting Date	_____
Management Arrangements	NEX

Total resources required	\$202,647
General Manag. Support Fee	\$6,853 (3.5%)
Total allocated resources:	\$195,794
• Regular	_____
• Other:	_____
○ Donor	_____
○ Donor	_____
○ Donor	_____
○ Government	\$202,647
Unfunded budget:	_____
In-kind Contributions	_____

Agreed by (Government)

Agreed by (Executing Entity):

Agreed by (UNDP):

LIST OF ACRONYMS

APR	Annual Progress Report
CCA	Country Common Assessment
CDR	Combined Delivery Report
CO	Country Office
CP	Country Programme
GDP	Gross Development Product
GSPLAJ	Great Socialist People's Libyan Arab Jamahiriya
GWA	General Water Authority
IWRM	Integrated Water Resources Management
MDG	Millennium Development Goals
MYFF	Multi-Year Funding Framework
NEX	National Execution Modality
NGO	Non-Governmental Organization
NPC	National Project Coordinator
NPD	National Project Director
PMU	Project Management Unit
PSC	Project Steering Committee
QPR	Quarterly Progress Report
SHD	Sustainable Human Development
TOR	Terms of Reference
TPR	Tripartite Review Meeting
UNDP	United Nations Development Programme
UN	United Nations
UNDDSMS	United Nations Department for Development Support
WGP-AS	Water Governance Programme for Arab States

I. SITUATION ANALYSIS

Despite being an arid country, Libya is endowed with quite significant water resources, particularly in the form of groundwater. However, the exploitation of these resources over the past few years has severely reduced their sustainability. The overuse of groundwater diminishes the resource base and results in a drop in water levels. The water quality also deteriorates due to sea water intrusion as saline water from lower lying water-bearing formations seeps into the ground water supply. If this is allowed to continue, all aquifers in coastal areas will have saline water only.

The situation calls for the re-establishment of a comprehensive water monitoring system to allow for regular observation of water level decline. This would facilitate the prediction of future developments, so that timely interventions can be made to safeguard strategic reserves of drinkable groundwater in the most important areas of the country. A key factor in this regard is the enhancement of the capability of national authorities to oversee the monitoring system, process monitored data and prepare reports for policy makers.

The General Water Authority (GWA) is the sole agency in Libya with responsibility for the investigation, development and management of water resources. In this capacity, the GWA is entrusted to perform scientific and applied water studies and research to ensure that the best possible exploration of existing water resources is taking place and to explore new resources. It also designs and supervises the construction of new dams and is in charge of ensuring their continued operation and maintenance. In addition to this, GWA is responsible for proposing the general policy and outlining the way in which water-use is prioritised to general secretariats, organizations and authorities etc.

UNDP has been assisting the Libyan organizations involved in water resource studies, development and management for years through a number of projects, previously executed by United Nations Department for Development Support (UNDDSMS) such as LIB/88/02 "Water Resources and Development" & LIB/97/008 "Strengthening National Capacity in Water Resources Monitoring", and through an on-going Regional Project "Water Governance Programme for Arab States (WGP-AS). Project LIB/97/008, which is executed by UNDDSMS in cooperation with GWA, was designed to assist the national authority in re-establishing the aforementioned monitoring systems and to further develop the monitoring network in order to address the problems of resource depletion and deterioration discussed above.

In view of the national technical capacity for water resources planning and management, GWA needs further technical support in the field of water resources research and development. This requires an external input in the form of consultancies, equipment and training opportunities to enhance the capacities of national staff. GWA therefore asked UNDP for assistance in this regard and requested to formulate a new project under NEX modality using the remaining fund for project LIB/97/008, which is now operationally and financially closed.

The organizational structure of the general water authority is composed of the following:

- 1) Office of the People Committee Affairs;
- 2) Legal Affairs Office;
- 3) General Directorate of Planning and Follow-up;
- 4) General Directorate of Water Resources;
- 5) General Directorate of Dams;
- 6) General Directorate of Irrigation & Drainage;
- 7) General Directorate of Soils;
- 8) General Directorate of Finance & Administration;
- 9) Branches of the Authority at Five Water Zones (Western, Central, Southern, Eastern and Al-kufra & Al-Sarir Zone Branch).

II. STRATEGY

Libya has accomplished significant progress in the development of national plans and strategies within the field of Water Resources Management such as the **National Strategy for Water Resources Management, 2000-2025**. The strategy includes the evaluation of existing water resources situations, future development needs and methods to achieve targets.

The principal outputs/results of this project will be:

1. Capacity building:
 - 1.1. Carrying out Capacity Needs Assessment and meeting these needs through internal and external training programmes addressing the areas of interest;
 - 1.2. Providing GWA with national, regional and international expertise;
2. Upgrading of the Central Laboratory according to international standards.

These outputs/results will contribute to achieving the CP outcomes, in particular, to make significant movement towards recognition of the relevant aspects of the Millennium Development Goals (MDG), and to increase awareness, capacities, and means to monitor and preserve the environment at global, national and local levels. UNDP is cooperating with GWA to help it meet its international commitments under the various international environmental conventions through technical assistance in the form of Enabling Activities.

The project will be executed under a National Execution (NEX) modality, and the strong and transparent cooperation with GWA is the pillar of strength for the project. GWA will provide funds for the project, assigns staff and offers political and logistical support as and when needed, while UNDP will provide expertise and facilitates the internal and external training programmes.

III. RESULTS AND RESOURCES FRAMEWORK

<p>Intended Outcome as stated in the Country Programme Results and Resource Framework: <i>Greater awareness, capacities, and means to preserve the environment at global, national and local levels (Outcome 2).</i></p>			
<p>Outcome indicators as stated in the Country Programme Results and Resources Framework, including baseline and targets:</p> <p><i>Indicator 2.3: national access to safe water and sanitation improved</i></p> <p>Baseline (2004): <i>almost 40 % of Houses estimated as not linked to sanitation system according to NIDA (MDGR draft)- No figure available for access to safe water</i></p> <p>Target: <i>develop an explicit action plan for access to safe water, sanitation and waste management in less affluent areas</i></p>			
<p>Applicable Key Result Area (from 2008-11 Strategic Plan): <i>4.1. Mainstreaming environment and energy – outcome 2: Policies, institutions and programs for environmental sustainability and energy that are pro-poor and gender sensitive developed, , funded and implemented through national development plans and systems</i></p>			
<p>Partnership Strategy: National Execution with Governmental Counterpart</p>			
<p>Project title and ID (ATLAS Award ID):</p>			
INTENDED OUTPUTS	OUTPUT TARGETS FOR (YEARS)	INDICATIVE ACTIVITIES	INPUTS
<p>Output 1: National Capacity in Water Resources Planning and Management is strengthened</p> <p>Baseline:</p> <ul style="list-style-type: none"> - Limited technical capacities in the field of geophysics, drilling, dam management and learning management. - 0 women in decision making positions. <p>Indicators:</p> <ul style="list-style-type: none"> - > 60 staff members (incl. 20 women) trained in geophysics, drilling, dam management and learning management according to international standards. - 2 women staff members placed in managerial positions. 		<p>1.1. Capacity/ Training needs assessment</p> <p>1.1.1. Conduct detailed gender sensitive capacity needs assessment at GWA level</p> <p>1.1.2. Design a training programme taking into account different needs between men and women within GWA</p> <p>1.1.3. Identify relevant experts at national or international level</p> <p>1.1.4. Organise training activities (3 events) throughout the project life cycle incorporating Gender sensitive need assessment and result based management.</p> <p>1.1.5. Training for Gender Mainstreaming</p> <p>1.2. Pool of international experts is established</p> <p>1.2.1. Preparing the TORs of the experts</p> <p>1.2.2. Preparing a correspondence letter</p> <p>1.2.3. Contacting the interested and available experts</p> <p>1.2.4. Providing GWA with technical support</p>	<ul style="list-style-type: none"> - Incentives for the NPC @ \$1,000 per month = \$12,000 - Consultants: 22 Days @ \$127/day (national) = \$2,794 - Consultants: 5 days @ \$700/day + travel = \$5,500 - 3 Training events @ \$10,000 per workshop = \$30,000 - Training for Gender mainstreaming = \$9,000 - Development of training material = \$9,000 - Equipments (printers, computers ...etc) = \$ 8,000 - Consultants: 30 days @ \$700/day + travel = \$30,000 - Project communications (Photography, press release, documentary and booklet = \$3,000

		according to the area of interest 1.2.5 project communication	
<p>Output 2:</p> <p>Central Laboratory for water quality analysis is upgraded.</p> <p>Baseline:</p> <ul style="list-style-type: none"> - Capacities for water analysis restricted to 30% effectiveness. <p>Indicators:</p> <ul style="list-style-type: none"> - Capacities for water analysis at 70% effectiveness. 		<p>2.1 Central Laboratory is upgraded</p> <p>2.1.1. Assessment of the existing equipments, devices etc within the central laboratory</p> <p>2.1.2. Finalizing the needs of the laboratory</p> <p>2.1.3. Procurement of the needed equipments, devises etc.</p>	<ul style="list-style-type: none"> - Consultants: 5 days @ \$700/day + travel = \$5,500 - Equipments = \$90,000 <p>Sub Total = \$195,794</p> <p>GMS (3,5%) = \$6,853</p> <p>TOTAL = \$202,647</p>

IV. ANNUAL WORK PLAN

Year: 2009

EXPECTED OUTPUTS	PLANNED ACTIVITIES <i>List activity results and associated actions</i>	TIMEFRAME				RESPONSIBLE PARTY	PLANNED BUDGET			Expected output cost
		Q1	Q2	Q3	Q4		Funding Source	Budget Description	Amount	
National Capacity in Water Resources Planning and Management is strengthened	Activity Result 1: Training needs assessment						Salaries (NPC)	\$12,000	\$67,294	
	1.1. Conduct detailed training needs assessment	x					consulting fees (nat. & int. consultants)	\$8,294		
	1.2. Design a training programme	x					equipment (printers, computers ...etc)	\$8,000		
	1.3. Identify relevant experts	x								
	1.4. Organize training activities		x	x	x		3 training events	\$30,000		
	1.5. Training for Gender mainstreaming			x			Training	\$9,000		
	Activity Result 2: Pool of international experts is established								\$33,000	
	2.1. Preparing the TORs of the experts	x								
	2.2. Preparing a correspondence letter	x								
	2.3. Contacting the interested and available experts	x								
	2.4. Providing GWA with technical support	x	x	x	x		30 Days @ \$700/day + travel	\$30,000		
	2.5. Project communications	x	x	x	x		Photography, press release, documentary & booklet	\$3,000		
	Central laboratory for water quality analysis is upgraded	Activity result 3: Central laboratory is upgraded								\$95,500
	3.1 Assessment of the central laboratory	x					consulting fees	\$5,500		
	3.2 Finalizing the needs of the Laboratory	x								
3.3 Procurement of the needed equipments		x	x	x		Equipment	\$90,000			
SUBTOTAL								\$195,794		
UNDP overhead (3, 5%)								\$6,853		
TOTAL								\$202,647		

BUDGET SUMMARY

Components/major activities	2009	Component Subtotal	GMS (3.5%)	Component Total
Training needs assessment	\$67,294	\$67,294	\$2,355.29	\$69,649
Pool of international experts is established	\$33,000	\$33,000	\$1,155.00	\$34,155
Central laboratory is upgraded	\$95,500	\$95,500	\$3,342.50	\$98,843
Annual Subtotal	\$195,794	\$195,794	\$6,853	\$202,647
GMS (3.5%)	\$6,853	\$6,853		
TOTAL		\$202,647		

V. MANAGEMENT ARRANGEMENTS

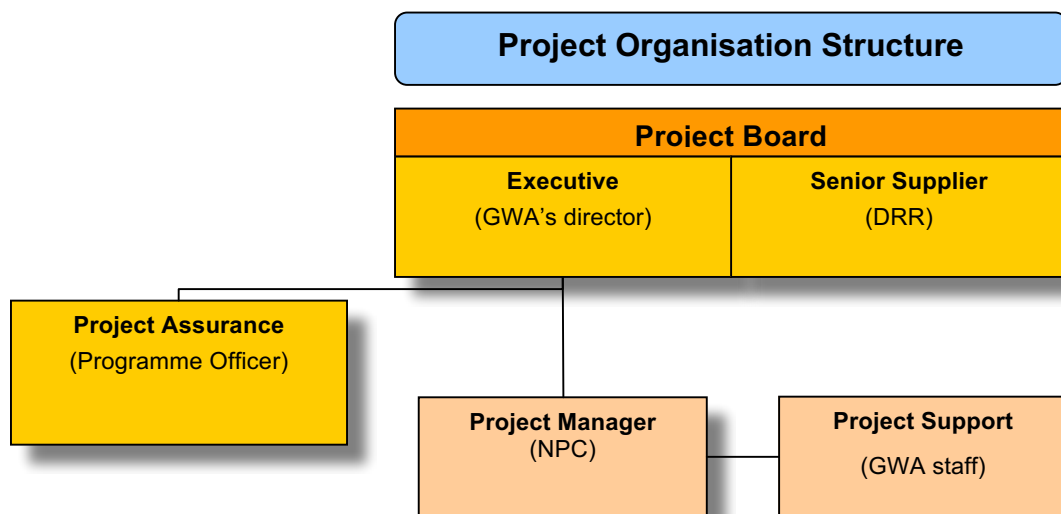
Project implementation will follow National Execution modality (NEX) and will be undertaken by GWA.

Project Manager: GWA will appoint a National Project Coordinator (NPC) who will be responsible for the coordination and the day-to-day management of the project (Annex 1).

Project Board composed of representatives from UNDP and GWA headed by GWA's director and the Deputy Resident Representative (DRR) of UNDP. The Project Board will meet on regular basis with the role of overseeing project planning, implementation and performance.

UNDP will provide both technical and administrative backstopping to ensure results-oriented management, proper administration of funds, maintain project accounts, facilitate experts/consultants recruitment and identifying well-known and trusted training firms. Financial transactions will be subject to annual audits undertaken by internationally certified auditors.

The following diagram explains the composition of the Board:



VI. MONITORING FRAMEWORK AND EVALUATION

The project executing partner (GWA) will remain responsible for delivering the outputs of the project, the actual implementation, input management, and sound administrative management.

The NPC will also be responsible for preparing the Annual Progress Report (APR), which will be submitted to UNDP, and an annual Tripartite Review Meeting will be held.

The GWA is accountable for managing the resources allocated to the project to achieve expected results in accordance with the work plan and project document. GWA will request UNDP to make direct payments to other parties for training programmes and services provided to the project by forwarding a standard form "Request for direct payment", duly completed and signed by GWA's director. UNDP will generate the Combined Delivery Report (CDR) that summarizes all project expenditures on annual basis. GWA certifies the CDR and returns it back to the UNDP-Libya CO for audit purposes.

The project is subject to auditing at least once in its lifetime, in accordance with UNDP rules and regulations. The ownership of all non-expendable equipments purchased by the project will be embraced by GWA upon completion of the project.

VII. LEGAL CONTEXT

This Project Document shall be the instrument referred to as such in Paragraph (I) of the Standard Basic Assistance Agreement between Libya and the United Nations Development Programme, signed by the parties on 20 May 1976. The host country implementing agency shall, for the purpose of the Standard Basic Assistance Agreement, refer to the government co-operating agency described in that Agreement.

The UNDP Resident Representative in Libya is authorized to effect in writing the following types of revision to this Project Document, provided that he/she has verified the agreement thereto by UNDP and is assured that the other signatories to the Project Document have no objection to the proposed changes:

- a) Revision of, or addition to, any of the annexes to the Project Document;
- b) Revisions which do not involve significant changes in the immediate objectives, outputs or activities of the project, but are caused by the rearrangement of the inputs already agreed to or by cost increases due to inflation;
- c) Mandatory annual revisions which re-phase the delivery of agreed project inputs or increased expert or other costs due to inflation or take into account agency expenditure flexibility; and
- d) Inclusion of additional annexes and attachments only as set out here in this Project Document.

VIII. ANNEX 1: DRAFT TERMS OF REFERENCE NATIONAL PROJECT COORDINATOR (NPC)

I. BACKGROUND

In order for the General Water Authority (GWA) to deal with the ever-growing concern over the water sector, it has been realized that the enhancement of its capacity is required to be placed on the top of its priority list. This project is thus designed to support General Water Authority (GWA) in this undertaking through developing a consultative process that includes training, upgrading the laboratories and providing GWA's departments with technical support.

The principal outputs/results of this project will be:

1. Carrying out internal and external training programmes addressing the areas of interest;
2. Upgrading of the Central Laboratory according to international standards;
3. Providing GWA with national, regional and international expertise.

These outputs/results will contribute to achieving the CP outcomes, in particular, greater awareness, capacities, and means to monitor and preserve the environment at global, national and local levels. UNDP is cooperating with GWA to help it meet its international commitments under the various international environmental conventions through technical assistance in the form of Enabling Activities.

II. II- SCOPE OF WORK AND TASKS

Under the supervision and guidance of GWA's director, a National Project Coordinator (NPC) will be recruited to ensure the day-to-day management of the project as well as the timely delivery of its planned activities. More specifically, the NPC shall perform the following duties:

III. GENERAL DUTIES

1. Work closely/coordinate with UNDP Programme Officer to ensure the timely delivery of national activities.
2. Coordinate the project activities with the relevant stakeholders (national, regional and global)
3. Provide technical support and advice to project partners and beneficiaries in all matters related to water resources management.

IV. SPECIFIC DUTIES

The NPC shall and ensure the timely delivery of activities in line with the project document and UNDP rules and regulation for programme implementation. This includes:

- The development and implementation of a workplan;
- Planning and management of the project resources (human and financial resources). This includes monitoring the financial picture;
- Formulating job descriptions and defining the scope of work for staff and consultants working for the project as well as monitoring their delivery and performance;
- Produce all the required reports (quarterly and annual progress reports, financial reports, donors reports);
- Ensure liaison between the project and all partners and beneficiaries;
- Organize the project's workshops, meetings and events.

V. QUALIFICATIONS

- At least a M.Sc. degree in water resources management related field of specialization.
- At least 5 years of relevant professional experience in water management issues.
- Experience in Environment and Development Project, capacity building, as well as technical and administrative management of projects,
- Excellent managerial and communication skills.
- Fluency in English and Arabic, both written and spoken.