



Chemonics Egypt
Consultants

ENGINEERING AND MANAGEMENT CONSULTANTS

COMPANY PROFILE

2025

Chemonics Egypt Consultants
Engineering and Management Consultants

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I. Who We Are

Chemonics Egypt Consultants (CE), an Egyptian Engineering and Management Consulting firm based in Cairo, was founded in 1992 as a franchise to Chemonics International, a Washington D.C. based international development consulting firm. CE has grown from a small partnership to an independent joint-stock firm capable of simultaneously implementing multiple large-scale projects, providing its advisory services to governments, public sector companies, NGO's, as well as private sector companies in the MENA region.

CE combines expertise and integrated solutions in several environmental infrastructure sectors including: water supply and sanitation, water resources management, wastewater & storm water management, municipal solid waste management and industrial waste management. CE has extensive experience in working with international development agencies and donors including World Bank, IFC, USAID, EC, KFW, GIZ, AfDB, UNDP, UNICEF, UNEP, UNIDO, EBRD and DANIDA.

With over 400 projects with budgets up to US\$760 million, CE continues to position itself as one of the leading engineering and management consulting firms in Egypt and the MENA region. CE draws on the expertise of over 150 engineering and management experts covering a wide range of engineering and management disciplines. The firm has implemented projects in Egypt, Jordan, Libya, Kingdom of Saudi Arabia, Lebanon, Tunisia, Morocco, Algeria, Syria, Iraq, Mauritania, UAE and Oman.

CE has been a continuous participant in the evolving water & sanitation sector reform process in Egypt, beginning with the decentralization program and the corporatization program of the 1990s, to recent moves toward public-private partnerships. CE has accumulated profound experience in all aspects of the water and wastewater sector, including sector strategies and policies, projects formulation, design and tender documents preparation, construction management/construction supervision, operation and maintenance and performance improvement planning.

Chemonics Egypt (CE) experience spans over 30 years, with more than 45 Waste Management projects. CE provides Engineering and Management services in developing and implementing Solid Waste Management (SWM) systems for handling municipal, healthcare, hazardous and agricultural wastes, in Egypt and the MENA region. CE worked on numerous projects that cover all aspects of the SWM sector; from policy and strategy to construction supervision and management. Throughout these projects, CE acquired solid knowledge and experience in all phases of the SWM project lifecycle. This includes experience in developing sound engineering solutions, and providing non-engineering services, including conducting needs assessment evaluations, and capacity building and training services.

CE is one of Egypt market leaders in providing industrial and commercial facilities with energy efficiency and resource efficiency services (water, energy, and material optimization). CE has provided energy efficiency (EE) services covering energy audits, full road-mapping and planning, tendering and supervision on implementation and turnkey implementation. This helped CE internal team of experts develop hands on experience not only in energy audits and studies but also implementation and practical aspects of energy efficiency.

2. Our Structure

Chemonics Egypt Consultants consists of four main divisions: The Water Engineering Division, the Waste Management Division, the Eco-Industrial Division, and Corporate Services Division.

Water Engineering and Capacity Building

Since its establishment, CE has been immensely involved in the Water Supply and Sanitation (WSS) sector in Egypt. CE's involvement covers both the institutional and engineering aspects throughout all phases of the project lifecycle, from projects identification, prioritization, evaluation, and feasibility studies to detailed design, tender documents preparation, and assistance during tendering construction supervision as well as post implementation evaluation.

Waste Management and Environment

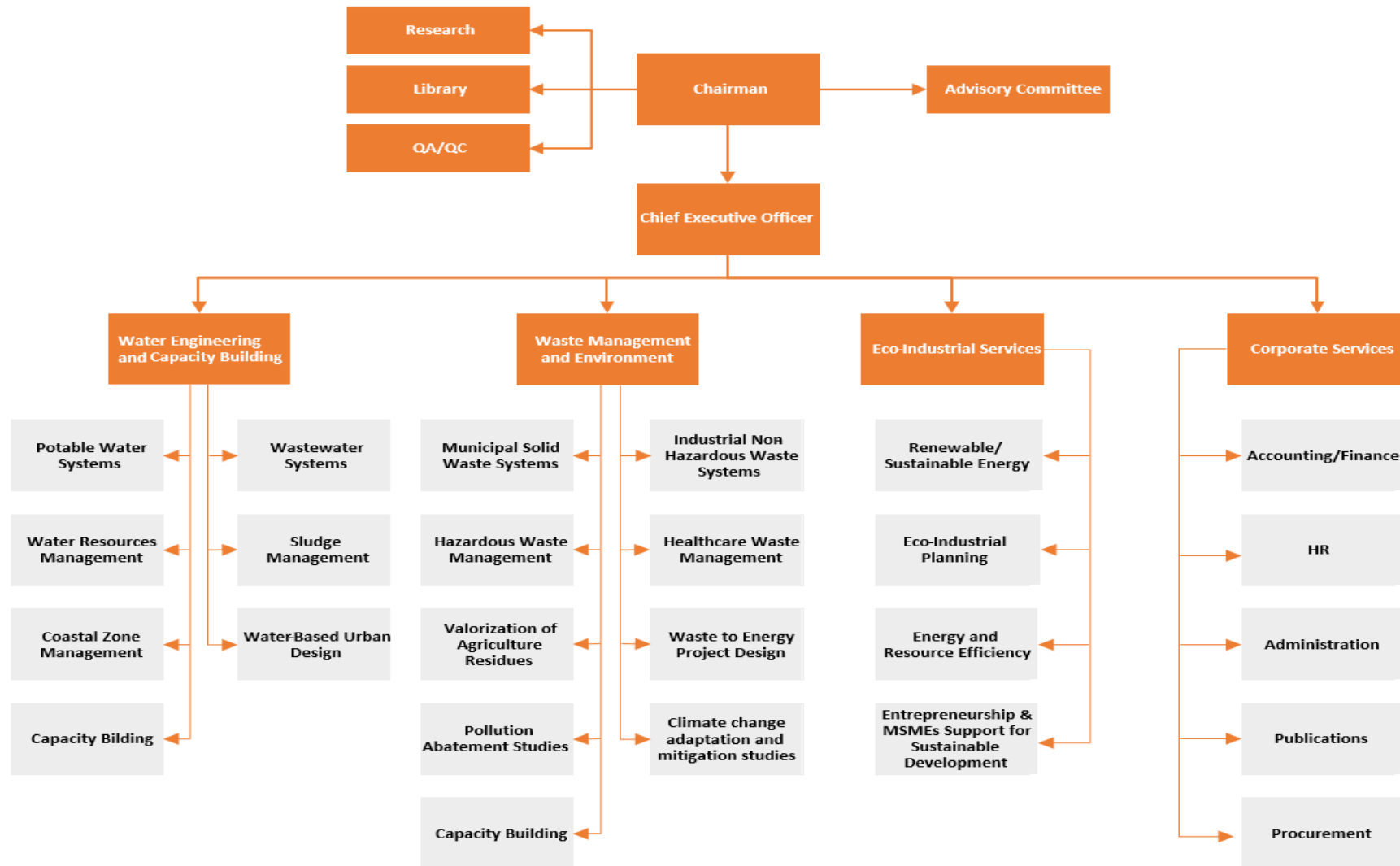
Over the past 30 years, Chemonics Egypt Consultants has been active in the Solid Waste Management (SWM) sector in Egypt and the MENA region. CE worked on numerous projects that covers all aspects of the SWM sector, from policy and strategy to construction supervision and management. Throughout these projects, CE acquired solid knowledge and experience in all phases of the SWM project lifecycle.

Eco-Industrial Services

In 2012 and in response to global, regional and local changes in the environmental sector, CE established its Eco-Industrial Division (EID) as a research and consultancy center. The EID provides a wide range of services in the areas of energy efficiency, renewable energy, clean technologies, resources efficiency and waste utilization. EID vision is that well designed innovative clean technology systems are essential for competitiveness and sustainability of industrial activities and are integral aspects of its success. The integration of clean technologies and sustainable design methods in Egypt is both a market opportunity and necessity for development of the industry and economy at large. EID offers technical consultancy, technology assessment, system design, and modeling, as well as tailored designs of sustainable solutions. In addition, EID provides consultancy services related to economic and finance aspects of clean technologies. EID provides research-based consultancy services on technical and policy aspects of clean technologies.

Corporate Services

Since its establishment, CE's back-office departments have been supporting CE's operations with the most effective tools. They are responsible for managing and overseeing all internal operations as well as responsible for the continuous performance improvement of all functions of the firm. They include the finance, human resources, information technology and management information system as well as the publications department.



3. Our Key Strengths



4. Our Sectors and Services

CE responds to the needs of its clients through a wide range of engineering and management consulting services covering all phases of the project lifecycle, from initiation to final evaluation. CE provides its consulting services in the following sectors:

- › Municipal solid waste management and recycling;
- › Water and wastewater systems;
- › Urban infrastructure and services (including housing);
- › Industrial pollution prevention and control;
- › Water resources protection and management;
- › Urban and rural development and revitalization;
- › Renewable Energy and Energy Efficiency; and
- › Entrepreneurship and MSMEs Development

CE's **Engineering Consulting** services provide appropriate, cost-effective and demand responsive solutions to our clients' needs. Our engineering work follows a disciplined project life-cycle approach, in which each stage of the project is conducted with a view to the quality requirements of successive stages in order to assure that the final product achieves design standards and satisfies the end-user.

These services include:



CE's **Management Consulting** division brings a wide and unique range of expertise, critical for bringing about needed change at its clients. Our combination of in-depth expertise in the local market coupled with our strong management consulting capabilities, including strategy and organization reform, performance improvement, IT transformation, training and capacity building and leadership development, set us apart from other consulting firms in Egypt.

5. Management Approach

CE has managed throughout the last 30 years to create a **large pool of professional experts and consultants** with specific expertise **in various engineering, institutional, management, and capacity building disciplines**. Believing there is no globally unique set of solutions capable of achieving sustainable development goals, **CE's solutions and tools are always customized and tailored to meet the needs and challenges of each and every initiative**.

CE always operates by **involving all stakeholders from governmental entities, donors, and development agencies to private sector contractors, operators, and financiers, in any development initiative**. But most importantly, local communities, whether directly or through their civil societies' agencies, as the main beneficiaries, are considered to be principle contributors to the planning, design, implementation and evaluation processes of such an initiative.

We, at CE, concentrate on making differences. We believe that sustainable development cannot be achieved without a serious and complete understanding and acceptance of crucial development concepts such as real partnership; social, economic, and cultural diversities; as well as social and environmental responsibilities while tackling clients' challenges.

6. Our Experience

Since its establishment in 1992, Chemonics Egypt Consultants successfully implemented over 350 projects and initiatives. In each and every initiative or project we undertake, we commit ourselves to our client and follow our firm belief in client participation as a crucial approach in achieving real and sustainable development. We strive to convey knowledge, functional expertise, and international best practices in every initiative we undertake. This participatory approach has proved to be most effective in addressing and resolving deeply rooted development and change related problems and established CE as a major partner to the public sector and local governments as well as the private sector and industry.

Our proven track record success demonstrates our ability to provide solutions that cross many disciplines; working in complex environments, incorporating diverse voices, and integrating strategies from various sectors are our key strengths.

Water Supply and Sanitation



Since its establishment, CE has been immensely involved in the Water Supply and Sanitation (WSS) sector in Egypt. CE's involvement covers both the institutional and engineering aspects throughout all phases of the project lifecycle, from projects identification, prioritization, evaluation, and feasibility studies to detailed design, tender documents preparation, and assistance during tendering construction supervision as well as post implementation evaluation.

CE managed to develop its own tools, guidelines and resource libraries for the development of detailed engineering designs and tender documents according to Egyptian as well as international codes of practice, best practices and standards.

CE has a long and successful track record with the key stakeholders in the Water Supply and Sanitation sector in several areas of the MENA Region. CE managed to create a fruitful and effective professional relationship with numerous key authorities, including newly established authorities, which resulted in a coherent and adequate understanding of the sector's strategies, mechanisms, challenges, and opportunities.

Chemonics Egypt advisors played important roles in building nationwide consensus for sector reform, crafting more market-based legal and regulatory frameworks, and developing action plans for national and local level restructuring. CE also participated in preparation and delivery of a nationwide training program on best practices in utility corporatization, private sector participation, and regulation. Furthermore, as part of the USAID financed Water Policy and Regulatory Reform Project (WPRR), CE has participated, in 2013, in the review and development of the Egyptian National Strategy for the Water Supply and Sanitation Services.

Solid Waste Management



Over the past 30 years, Chemonics Egypt Consultants has been active in the Solid Waste Management (SWM) sector in Egypt and the MENA region. CE worked on numerous projects that covers all aspects of the SWM sector, from policy and strategy to construction supervision and management. Throughout these projects, CE acquired solid knowledge and experience in all phases of the SWM project lifecycle.

CE managed to develop an extensive library which includes international and national guidelines, regulations and legislation, codes of practice and standards. Further, CE developed several tools for

planning and assessment of different aspects of the SWM process, i.e. collection, transportation, utilization and disposal.

CE has developed sustainable and cost-effective solutions for hazardous and medical waste management for more than 20 years. Our consultancy services range from organisational, institutional, over planning, analyses and design, to tenders, construction, supervision and optimisation of facility operations. Environmental considerations are an integrated part of all projects, and we perform environmental and risk assessments related to the operation of individual facilities as well as regional schemes. Training and capacity building are important aspects in many projects. We attach great importance to solving projects in close dialogue with the clients in order to ensure that the result meets the current need.

Over the years, CE has successfully built fruitful working relationships with several key stakeholders and authorities in the SWM sector in several areas of the MENA Region. Further, CE managed to create a team of highly qualified waste management experts and specialists whose expertise covers the key areas of waste management, including municipal, industrial, hazardous and healthcare wastes.

Eco-Industrial Projects



In 2012 and in response to global, regional and local changes in the environmental sector, CE established its Eco-Industrial Division (EID) as a research and consultancy center. The EID provides a wide range of services in the areas of energy efficiency, renewable energy, clean technologies, resources efficiency and waste utilization.

EID vision is that well designed innovative clean technology systems are essential for competitiveness and sustainability of industrial activities and are integral aspects of its success. The integration of clean technologies and sustainable design methods in Egypt is both a market opportunity and necessity for development of the industry and economy at large. EID offers technical consultancy, technology assessment, system design, and modeling, as well as tailored designs of sustainable solutions. In addition, EID provides consultancy services related to economic and finance aspects of clean technologies. EID provides research-based consultancy services on technical and policy aspects of clean technologies. Since its establishment, the EID has worked on projects involving technology assessment and transfer, energy efficiency, renewable energy, waste management, and waste to energy disciplines. These projects covered aspects related to technology assessment and development, economic feasibility with strong integration between engineering design aspects and financial aspects, system and process development as well as strategies and action plans development.

Integrated Water Resources Management



Chemonics Egypt Consultants (CE) has been continuously active in water resources protection and management in Egypt. CE has worked at local, regional (watershed), and national levels of the sector and in each of the main types of water resource groundwater, surface water, inland lakes, and coastal waters.

Environment and Pollution Control



Chemonics Egypt Consultant (CE) industrial waste services assist industries to comply with Egyptian environmental law by reducing the quantity and toxicity of their discharges to the environment, often also increasing their efficiency in the process, and assist municipalities in the environmental regulation of industry. CE combines a

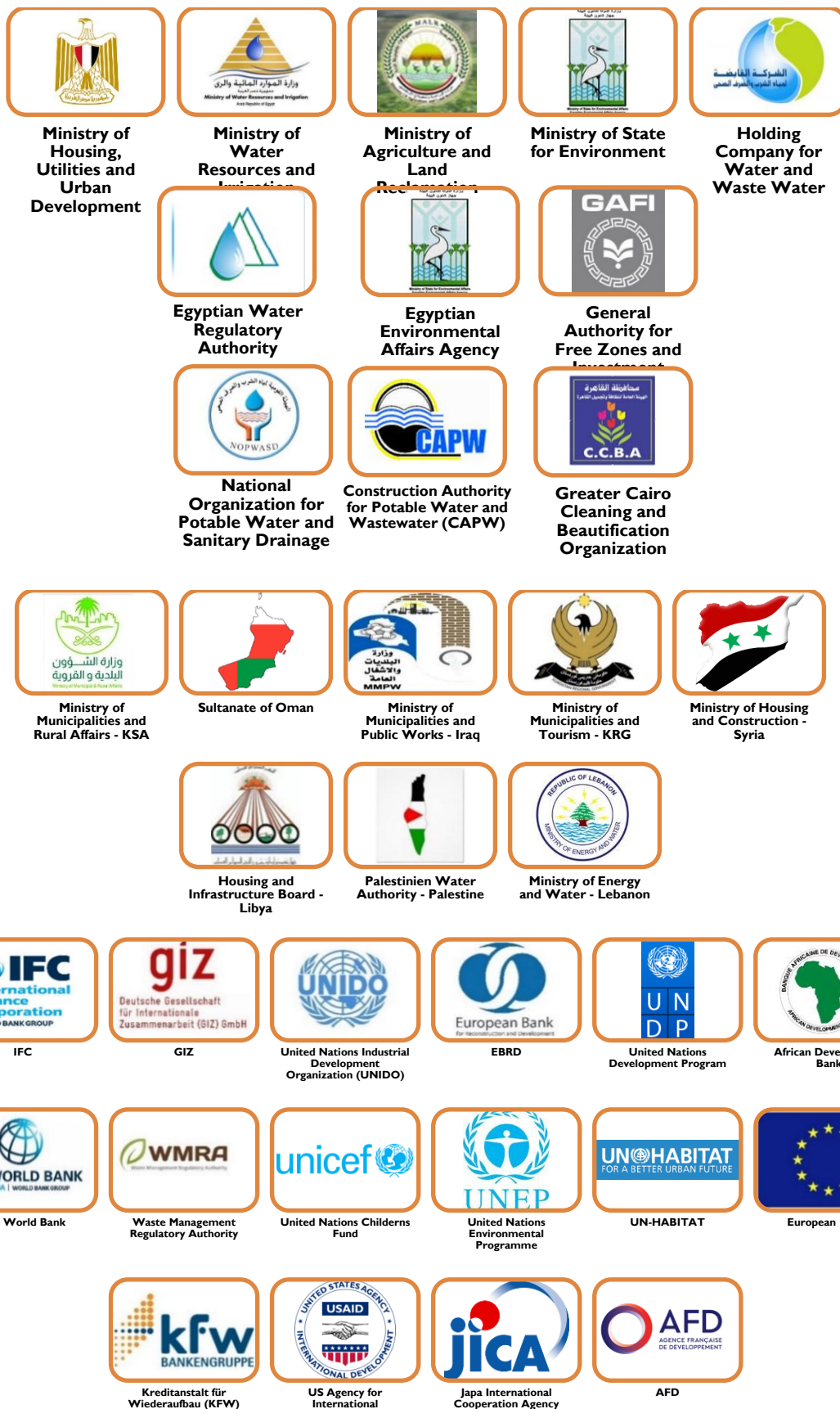
profound (and in some cases formative) understanding of Egyptian and international environmental regulation with expertise in sampling and testing, chemical engineering, industrial environmental auditing, and technical and economic analysis of waste minimization and pollution control projects in a wide range of industry sectors. CE facility compliance audits address occupational safety and health as well as environmental impacts.

Urban and Rural Development



Chemonics Egypt Consultant (CE) capabilities in urban and rural development assistance extend beyond its water and sanitation engineering and management services to governance, project packaging and financing, project management, resources mobilization, municipal revenue improvement, and economic development.

7. Our clients



8. Our Projects list.

Solid Waste Management Department



Chemonics Egypt Consultants

NO.	Location, Country	Project Name	Client	Source of funding	Prime consultant	Type of service	Project duration
1.	Egypt	(NSWMP III) Consultancy services in municipal solid waste management and circular economy	GIZ - National Solid Waste Management Programme	GIZ	CES	<ul style="list-style-type: none"> Develop Organizational and capacity of SWMUs in 4 partner governorates. Develop strategic plans for SWMUs at governorate level (planning horizon 5 years, to be updated annually) Provide technical advice to NGOs on waste segregation Establish SWMUs at district level for the operation of solid waste collection systems in communities. Introduce a digital monitoring system for secondary collection vehicles and capacity building for SWMUs for monitoring of secondary collection systems Organize knowledge-sharing between SWMUs and other operators 	11/2023 – 03/2026
2.	Egypt	Developing an Integrated Climate and Air Quality Management (IC AQMP) "Action Plan"	Greater Cairo Air Pollution Management and Climate Change Project - Ministry of Environment	World Bank Group	SUEZ Air & Climate	<ul style="list-style-type: none"> Review and assessment of current Climate and Air Quality policies and procedures. Review of key studies and literature references in the fields of interest, existing data for the GC Region, and the status of current practices in Egypt as benchmarked against best-in-class international standards. Design of potential business models and associated economic analysis. Provide Expert technical and political consultation, and coordination support to EEAA, PCU, TIU and the various Project Stakeholders. Manage a Knowledge Transfer Plan with dedicated capacity building workshops to structure the IC-AQMP for EEAA staff, and concerned Egyptian Ministries, Agencies and Institutions. Ensure the Stakeholder engagement activities are performed, while animating a transparent and constructive dialogue with all parties 	05/2024 – 11/2026
3.	Egypt	"Construction of a Sugar Factory from Beet and Sugarcane as the Feedstock Project formulation and feasibility studies"	Large private Construction Contractor	Large private Construction Contractor	Chemonics Egypt Consultant	<ul style="list-style-type: none"> Analyze the factors affecting the sugar production process. Develop different processing options for sugar production, as well as the different co-products that could be produced from the wastes and the byproducts. Conduct a prefeasibility study for different options Develop a report to the client to select best option for the project 	04/2023 - 08/2023

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4.	Tunisia	Tunisia – Technical, Economic, Social Feasibility Study, Environmental and Social Impact Study for The Creation of a Recovery and Technical Landfill Center in Tunisia as Part of a Public-Private Partnership (PPP)	Tunis Municipality	African Development Bank	Chemonics Egypt Consultant	<ul style="list-style-type: none"> • Identify the quantitative and qualitative aspects of municipal waste and similar waste management in Greater Tunisia • Identify and manage stakeholders of the management of municipal waste and similar waste. • Carry out a projection of the quantities and composition of municipal waste and similar waste for the next 20 years. • Carry out an infrastructure assessment of the current solid waste management situation in target localities and justify the need to build infrastructure and prepare a file with different alternatives. • Estimate of current greenhouse gas (GHG) emissions associated with municipal waste and related waste management. • Carry out an analysis on the current and similar waste management system: Collection/transport and treatment with a SWOT analysis. • Prepare an ESIA for each proposed site and infrastructure. • Prepare the Environmental and Social Management Plan (ESMP) • Conduct a comprehensive analysis of the potential impacts of climate change on the entire value chain, from waste generation to disposal. • Analyze the waste collection value chain. • Propose different technologies for the treatment, recovery, and final disposal of solid waste, including different scenarios with in-depth socio-economic and climatic analyses. • Conduct a critical analysis of the current regulatory and institutional framework. • Perform an analysis of existing reuse or recycling flows, with quantification of current flows of different materials. • Conduct an investment analysis to assess the success and profitability of the municipal waste recovery sector, including its integration into the PPP (public-private partnership). • Develop a report of the operational master plan for the management and recovery of municipal waste in Greater Tunisia. • Prepare a prequalification file and tender documents for the establishment of PPPs for waste management infrastructure in 	09/2023-06/2025

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NO.	Location, Country	Project Name	Client	Source of funding	Prime consultant	Type of service	Project duration
						accordance with Tunisian regulations and incorporating the African Development Bank's procurement guidelines.	
5.	Egypt	Project Structuring and Transaction Advisory Services for the Establishment of the 10th of Ramadan Integrated Solid Waste Management Facility	Ministry of Environment Greater Cairo Air Pollution Management and Climate Change Project	World Bank	Chemonics Egypt Consultant	<ul style="list-style-type: none"> Review the conceptual study prepared for the 10th of Ramadan site. Review and analyze available information, data, reports, and infrastructure related to municipal solid waste system of Qalyubia Governorate and 10th of Ramadan site. Review the existing and proposed waste collection systems and transfer stations with regards to their functioning, capacity, and requirements to facilitate efficient transportation to the proposed facility at 10th of Ramadan. Carry out necessary studies and surveys to establish accurate information on the quantity and characteristics of waste generated, collected, transported, recycled, processed/treated, and disposed by the Qalyubia Governorate. Project future quantity and characteristics of waste generated and demand for its collection, transportation, recycling, treatment, processing, and disposal. Evaluate financial and implementation modalities of the site and evaluate appropriate PPP/DBO options based on most viable economic model and provide a dynamic financial model of the Project over 20 years. Provide transaction advisory services for the establishment of an integrated solid waste management facility at 10th of Ramadan site together with the development of transfer stations and transportation of waste. Develop Project Structuring and present the implementation report including the analysis for the project's financial sustainability. Prepare all relevant Standard Procurement Documents (SPDs) in accordance with the World Bank Procurement Regulations for the whole procurement cycle. Provide technical support to the whole evaluation process including the technical and Financial Bid evaluation phases. 	02/2023-02/2024

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NO.	Location, Country	Project Name	Client	Source of funding	Prime consultant	Type of service	Project duration
						<ul style="list-style-type: none"> Assist during the entire negotiation process with the private operators 	
6.	Egypt	Management and Technical Support for Solid Waste Management Component	Ministry of Environment Greater Cairo Air Pollution Management and Climate Change Project	World Bank	Chemonics Egypt Consultant	<ul style="list-style-type: none"> Develop Detailed Work Plan and Implementation Schedule for the Waste Management Component of the Project Carry out Project Management and Construction Supervision of PPP/DBO Contract for the 'transportation, treatment, and disposal of municipal solid waste of Qalyubia Governorate at 10th of Ramadan Site Prepare the Feasibility Study, Project Structuring, Bid Process Management and Supervision Works for the Establishment of 'Construction and Demolition Waste (CDW) Facility at 10th of Ramadan Site Carry out Project Management and Construction Supervision Works for the Establishment of 'Construction and Demolition Waste (CDW) Facility at 10th of Ramadan Site Prepare the Feasibility Study, Project Structuring, Bid Process Management and Supervision Works for the Establishment of 'Health Care Waste Treatment (HCW) Facility at 10th of Ramadan Site Carry out Project Management and Construction Supervision Works for the Establishment of 'Health Care Waste Treatment (HCW) Facility at 10th of Ramadan Site Prepare the Feasibility Study and Project Structuring Study for the Establishment of 'Hazardous Waste Disposal Facility Prepare the Feasibility Study, Project Structuring, Bid Process Management and Supervision Works for the 'Closure and Rehabilitation of Abuzabal Municipal Solid Waste Disposal Site of Qalyubia Governorate Carry out Project Management and Construction Supervision Works for the 'Closure and Rehabilitation of Abuzabal Municipal Solid Waste Disposal Site of Qalyubia Governorate Prepare a Plan for the Environmental Upgradation of Al-Akrasha Industrial Area Carry out Capacity Building activities to Qalyubia Governorate 	02/2023-06/2026

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NO.	Location, Country	Project Name	Client	Source of funding	Prime consultant	Type of service	Project duration
						<ul style="list-style-type: none"> Provide Support to the Implementation of Waste Management Law and Capacity Building Support to WMRA Carry out Capacity Building activities to the SWM Executive Unit at MOLD 	
7.	Egypt	Safe Closure of the old Hazardous Waste Landfill at El Nasriah Center, Alexandria Governorate	Waste Management Regulatory Authority (WMRA)	Operational Unit for Development Assistance (OUDA)	Chemonics Egypt	<ul style="list-style-type: none"> Conduct and analyze Site topographic, Geotechnical and Geophysical Investigation.' Provide preliminary and detailed design of the safe closure for the hazardous Landfill in El-Nasriah Center, Alexandria. Prepare tender documents & Construction supervision for the site closure. Carry out the environmental and social impact assessment for the landfill closure. Prepare the health and safety manual. Provide construction supervision for the landfill closure 	12/2021 ongoing
8.	Egypt	Towards More Efficient Municipal Solid Waste Management Plan for The City of Hurghada, Red Sea	Hurghada Environnemental Protection & Conservation Association (HEPCA)	Private Sector	Chemonics Egypt	<ul style="list-style-type: none"> Review the received quotations for the procurement of 30,000 heavy-duty multiple-use shopping bags and advise the client on the best value for money and technically sound offers. Monitor activities and prepare and submit 1st MVE report. Review the received quotations for the procurement of 3 compactors and advise the client on the best value for money and technically sound offers. Review the received quotations for the procurement of 300 solid waste large metal waste containers and advise the client on the best value for money and technically sound offers. Monitor activities and prepare and submit 2nd MVE report. Review the received bids PET pelletizing line (at least 7,000 tons/year) and advise the client on the best value for money and technically sound offers. Monitor activities and prepare and submit 3rd MVE report. Prepare a final compiled report including the aggregation of the results and findings of all MVE reports. 	08/2021 06/2022
9.	Egypt	Consultancy support services in relation to	Green Tech Egypt	Private Sector	Chemonics Egypt	<ul style="list-style-type: none"> Prepare a detailed seasonal waste characterization field study. Conduct Laboratory analysis 	11/2020 On going

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NO.	Location, Country	Project Name	Client	Source of funding	Prime consultant	Type of service	Project duration
		the development of government waste-to-energy project(s) and in accordance with the gathering of information as required by green tech Egypt.				<ul style="list-style-type: none"> Determine the nature of the solid waste in terms of its bulk density, composition, and particle size during the present seasonal conditions (i.e., September 2021). Determine the quality of the solid waste by means of its calorific value, moisture content, and ash content required for the incineration technology selected for this project during the seasonal conditions (i.e., September 2021). Provide a comparison between the results of the two seasons (i.e., January 2021 and September 2021) showing the changes expected from the changes in seasonal conditions. 	
10.	Egypt	Development of an Action Plan for the implementation of the National Agricultural Residues Management Strategy	GIZ	GIZ	Chemonics Egypt	<ul style="list-style-type: none"> Review the agriculture residues strategy objectives and indicators, considering the new structure of WMRA and its mandate, the new law, and the executive regulation. Desk review on international best practices of contents of similar action plans Review stakeholder map with different roles and responsibilities, to plan the activities accordingly. Define Targets with associated action and activities with timeline and KPIs. Develop detailed draft action plan, distribute, and consult with relevant stakeholders. Conduct workshops to discuss the detailed implementation plan. Finalize the action plan and set a monitoring and evaluation tracking tool for its implementation. 	12/2021 05/2022
11.	Egypt	Technical and Engineering Services to Alwafaa & Alamal Solid Wastes Dump Site including the evaluation dump site.	Waste Management Regulatory Authority (WMRA)	State Fund	Chemonics Egypt	<ul style="list-style-type: none"> Evaluate the preliminary site studies (site topographic survey, geotechnical and hydrogeological studies) carried out by the Armed Forces Engineering Authority. Prepare technical reports on the on-site air quality assessment. Conduct a comprehensive site assessment, site reuse assessment and projected risk assessment. 	01/2021 - Present
12.	Egypt	Assistance in Developing Hazardous Waste Management Programme- Phase I	Ministry of Environment and EEAA	EBRD	COWI A/S	<ul style="list-style-type: none"> Review of current hazardous waste management related legislation and standards in Egypt Identify current waste segregation, temporary storage, collection transportation and disposal practice. 	05/2020 05/2021

Chemonics Egypt Consultants

NO.	Location, Country	Project Name	Client	Source of funding	Prime consultant	Type of service	Project duration
						<ul style="list-style-type: none"> Identify logistical, organizational, and financial constraints and disincentives for proper segregation of hazardous and non-hazardous waste. Develop the draft national programme and approach for managing hazardous waste. 	
13.	Egypt	Consultancy Services for Design, Supply and Construction of The Mechanical Biological Treatment Plants of Municipal Solid Waste	Ministry of Military Production	State Fund	Chemonics Egypt	<ul style="list-style-type: none"> Conduct technical studies for the proposed plants. Supervise all surveying works, soil tests, and designing site layouts. Prepare preliminary and detailed engineering design layouts (construction, architectural, electromechanical, sanitary, and infrastructure) for the plants within the contract scope. Provide full construction supervision services for all 50 plants mentioned within the contract to be constructed all over Egypt. Provide O&M training. 	09/2019 Ongoing
14.	Egypt	Waste Management Consultancy RDF / SRF facility in Cairo Project	Large private Construction Contractor	Large private Construction Contractor	Chemonics Egypt	<ul style="list-style-type: none"> Conduct waste quantification and waste composition Study Determine required quality of Refuse Derived Fuel Prepare conceptual design for RDF / SRF and compost processes lines. Provide Commercial Due Diligence 	10/2019 07/2020
15.	Egypt	Technical and Engineering Services to Alwafaa & Alamal Solid Wastes Dump Site including the required Mitigation Actions to Enable Safe Closure of the Dump Site	Waste Management Regulatory Authority (WMRA)	Operational Unit for Development Assistance (OUDA)	Chemonics Egypt	<ul style="list-style-type: none"> Provide Site Topographical Survey, Geotechnical and hydrogeological Studies. Prepare conceptual design and detailed design. Develop site closure master plan. Prepare Environmental Impact Assessment Prepare Traffic Study and Safety Manual Prepare tender documents & Construction supervision for the site closure. Conduct environmental monitoring activities 	09/2019 12/2020
16.	Egypt	Sustainable Investment in Solid and Agricultural Wastes in Fayoum and Minya (SISAW)	(CEDARE)	(EU-JRDP) and the Italian Cooperation	Chemonics Egypt	<ul style="list-style-type: none"> Conduct rapid review and assessment of the existing institutional framework for Municipal Solid and Agricultural Waste (MSAW) management. Conduct waste characterization study Conduct opportunity mapping for potential start-up businesses along the SAVM value chain 	12/2018 02/2019

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17.	Egypt	Develop a baseline assessment on Persistence Organic Pollutants (POPs), Unintentionally Produced Persistent Organic Pollutants (UPOPs), and associated hazardous releases (mercury, lead, cadmium) from E-waste processing	Medical and E-Waste Management Project	UNDP	Chemonics Egypt	<ul style="list-style-type: none"> • Conduct an assessment of the content of POPs, UPOPs, mercury, lead and cadmium in end-of-life equipment and sub-components with special focus on information communications technology waste. • Conduct a cost effectiveness analysis of Best Available Techniques (BAT)/Best Environmental Practices (BEP) technology options. • Identify the Best Available Technique (BAT) for the environmentally sound management/landfilling of waste containing heavy metals: containment and immobilization technologies. • Develop the guidelines for the segregation, sorting, pretreatment, and storage of hazardous components containing heavy metals based on Basel and EU classification 	09/2018 03/2019
18.	Egypt	Develop healthcare waste management (HCWM) policy, plan, and guidelines for the project model healthcare facilities (HCF) and a specialized training program	Medical and E-Waste Management Project	UNDP	Chemonics Egypt	<ul style="list-style-type: none"> • Develop healthcare waste management (HCWM) policy and action plan. • Develop the national HCWM guidelines. • Develop and implement a Training of Trainers (ToT) training programme for a total of 45 participants from twelve governorates. 	04/2018 01/2019
19.	Egypt	Consultancy service to conduct a baseline assessment for the project model healthcare facilities	Medical and E-Waste Management Project	UNDP	Chemonics Egypt	<ul style="list-style-type: none"> • Conduct basic facility data rapid assessment using the World Health Organization's (WHO)/GEF Individualized Rapid Assessment Tool (i-RAT) • Collect and analyze the waste management practices, occupational safety data, training practices, dioxin, and mercury inventory. • Conduct waste generation and waste segregation assessments for five facilities 	06/2017 02/2018
20.	Egypt	National Solid Waste Management Programme Implementation in Kafr El Sheik and Gharbia	National Solid Waste Management Programme' (NSWMP)	GIZ	COWI A/S	<ul style="list-style-type: none"> • Support the establishment and functioning of the SWMUs in the two Governorates • Support the local administration units to develop waste management master plans. • Support the organization of primary collection including separate collection. 	11/2016 07/2019

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NO.	Location, Country	Project Name	Client	Source of funding	Prime consultant	Type of service	Project duration
		(Lot B) <u>Work Package 2</u>				<ul style="list-style-type: none"> Support the identification of HR staffing requirements. Support the development of tariff systems and management of revenue collection. Conduct Marine Litter assessment for two locations in Kafr El-Sheikh Governorate 	
21.	United Arab Emirates	Integrated Waste Management Project in the UAE Northern Emirates (Umm Al Quawain and Ajman) – Phase I RDF Facility in UAQ	Ministry of Climate Change and Environment - UAE	State Fund	Tetra Tech	<ul style="list-style-type: none"> Develop an integrated project plan and prepare the preliminary scenarios for waste treatment and disposal. Prepare the technical input of the tender dossier for the MCR facility construction of the landfill. Provide technical evaluation of the bids 	1/2017 7/2018
22.	Egypt	Healthcare Hazardous Waste Management Project system in Dakahaleya Governorate	Secretariat for Economic Affairs (SECO)	Swiss Fund	CSD Engineers SA	<ul style="list-style-type: none"> Conduct feasibility study on the functioning of healthcare waste management system Provide detailed design of collection and transport system. Develop a design for a disposal facility. Preparation of tender document design and bids evaluation support Provide training and capacity building. Provide construction supervision 	02/2017 02/2019
23.	Egypt	National Solid Waste Management Programme Implementation in Kafr El Sheik and Gharbia (Lot B) <u>Work Package 1&3</u>	Waste Management regulatory Agency (WMRA)	KFW	COWI A/S	<ul style="list-style-type: none"> Prepare detailed engineering designs and technical specifications for the Sadat sanitary landfill (this landfill is designated for the disposal of municipal waste in Al- Gharbia Governorate) Prepare the preliminary engineering designs for the sanitary landfill in Baltim (This landfill is designate for the disposal of municipal waste in Kafr Al-Sheikh Governorate) Prepare the detailed designs, technical specifications, and the tendering documents for the waste recycling plant in Desouk city, Kafr Al-Sheikh Governorate Review and approve engineering designs, and supervise the implementation of the solid waste transfer stations in Zifta and Sammanoud cities, Al- Gharbia Governorate Provide technical support to both governorates with the development of master plans and waste-related projects. 	11/2016 12/2021

Chemonics Egypt Consultants

NO.	Location, Country	Project Name	Client	Source of funding	Prime consultant	Type of service	Project duration
						<ul style="list-style-type: none"> • Prepare Environmental and Social Impact Assessments (ESIAs) • Prepare tender documents needed for the equipment procurement for the governorate to operate the waste management system. 	
24.	Egypt	Industrial Waste Mapping and Design of Waste Exchange System in 10th of Ramadan	Egyptian National Cleaner Production Center (ENCPC)	African Development Bank	COWI A/S	<ul style="list-style-type: none"> • Mapped industrial waste in 10th of Ramadan industrial zone for 400 companies as well as designed of waste exchange system. • Performed a gap analysis to determine the proper techniques for industrial waste management. • Develop an inventory and an online database system for industrial waste exchange in Egypt. • Collected, verified, and analyzed the basic data of the manufacturing facilities in the 10th of Ramadan industrial city, which are about 2000 registered facilities 	11/2015 12/2016
25.	Egypt	Assessing the feasibility of implementing "Waste to Energy Converter plant	Water Management Reform Programme	GIZ	Chemonics Egypt	<ul style="list-style-type: none"> • Provide waste characterization and Technology Assessment • Identify alternative technology option for Wastewater Converter • Conduct pre-feasibility analysis of ten waste to energy technologies 	11/2014 09/2015
26.	Egypt	Alternative Fuel Usage by Cement Industry in Egypt	International Financing Corporation (IFC)	International Financing Corporation (IFC)	EXERGIA	<ul style="list-style-type: none"> • Mapped out the locations of Egyptian cement plants. • Conducted baseline survey of AF used by cement companies and identification of challenges. • Mapped out AF supply chain and logistics. • Conducted consultation meetings with main AF stakeholders and identification of policy and institutional constraints 	05/2014 11/2014
27.	Egypt	Design of Engineered Sanitary Landfill in El-Khatara – Sharkia Governorate	Sharkia Governorate	State Fund	Chemonics Egypt	<ul style="list-style-type: none"> • Develop the master plan of the landfill site including conceptual and preliminary designs for the landfill site. • Develop detailed designs. • Prepare complete sets of tender documents including Bills of Quantities and cost estimates 	05/2014 08/2014
28.	Iraq	Studies and Engineering Services for Establishing Sanitary Landfills in Karbala, Karbala Governorates	Ministry of Municipalities and Public Works	State Fund	Chemonics Egypt	<ul style="list-style-type: none"> • Conduct surveys and fieldwork including topographical surveys, soil investigations and geotechnical studies. • Conduct EIA study for each site and development of Environmental Management Plan • Conduct Feasibility study for each site including preparation of a financial plan for 20-years operation period, 	03/2014 06/2014

Chemonics Egypt Consultants

NO.	Location, Country	Project Name	Client	Source of funding	Prime consultant	Type of service	Project duration
						<ul style="list-style-type: none"> Develop the preliminary and detailed engineering designs for each site including all facilities, infrastructure, and utilities, Prepare complete sets of tender documents including Bills of Quantities and cost estimates 	
29.	Oman	Design and Construction of an Engineered Sanitary Landfill in Thumryat	Environmental Services Holding Company (be'ah)	Environmental Services Holding Company (be'ah)	ENTAG	<ul style="list-style-type: none"> Develop the master plan of the landfill site. Develop detailed engineering designs, including development of construction drawings and bills of quantities, for landfill cells. Develop detailed structural design for the landfill buildings and facilities. Provide technical support and supervision during the landfill construction 	12/2013 12/2015
30.	Iraq	Studies and Engineering Services for Establishing Sanitary Landfills in Nassiriyah, Thiqr Governorate	Ministry of Municipalities and Public Works	State Fund	Chemonics Egypt	<ul style="list-style-type: none"> Conduct surveys and field works including topographical surveys, soil investigations and geotechnical studies. Conduct EIA study for each site and development of Environmental Management Plan Conduct Feasibility study for each site including preparation of a financial plan for 20-years operation period, Develop preliminary and detailed engineering designs for each site including all facilities, infrastructure, and utilities. Prepare complete sets of tender documents including Bills of Quantities and cost estimates 	09/2013 12/2013
31.	Iraq	Studies and Engineering Services for Establishing Sanitary Landfills in Tikrit, Salah El-Din Governorate	Ministry of Municipalities and Public Works	State Fund	Chemonics Egypt	<ul style="list-style-type: none"> Conduct surveys and fieldwork including topographical surveys, soil investigations and geotechnical studies. Conduct EIA study for each site and development of Environmental Management Plan Conduct Feasibility study for each site including preparation of a financial plan for 20-years operation period, Develop preliminary and detailed engineering designs for each site including all facilities, infrastructure, and utilities. Prepare complete sets of tender documents including Bills of Quantities and cost estimates 	09/2013 12/2013
32.	Saudi Arabia	Studies, Master Planning and Detailed	Ministry of Municipal and Rural Affairs –	State Fund	Chemonics Egypt	<ul style="list-style-type: none"> Conduct surveys and fieldwork including topographical surveys, soil investigations and geotechnical studies. 	05/2013 01/2014

Chemonics Egypt Consultants

NO.	Location, Country	Project Name	Client	Source of funding	Prime consultant	Type of service	Project duration
		Engineering Services for Aslaa New Landfill	Jeddah Municipality			<ul style="list-style-type: none"> • Conduct EIA study for each site and development of Environmental Management Plan • Develop preliminary and detailed engineering designs for each site including all facilities, infrastructure, and utilities. • Prepare complete sets of tender documents including Bills of Quantities and cost estimates 	
33.	Saudi Arabia	Detailed Engineering Services for Centralized Solid Waste Management System for Riyadh Techno Valley (RTV), King Saud University	King Saud University, Riyadh	State Fund	Chemonics Egypt	<ul style="list-style-type: none"> • Conduct site assessment and data collection • Prepare waste management systems study. • Develop detailed engineering designs 	01/2013 06/2014
34.	Egypt	Feasibility Study and Operational Plan for Solid Waste Management in South Cairo District	Large private Construction Contractor	State Fund	Chemonics Egypt	<ul style="list-style-type: none"> • Review and study the existing waste management and classification system. • Design waste collection and waste transfer systems • Prepare financial feasibility study and financial modelling. • Provide capacity building and training plan 	02/2011 08/2011
35.	Iraq	Development of Integrated Solid Waste Management Master Plan for Thiqr Governorate	Ministry of Municipalities and Tourism, Kurdistan Regional Government (KRG),	UNICEF	Chemonics Egypt	<ul style="list-style-type: none"> • Develop the Integrated Solid Waste Management Master Plan • Develop the institutional framework and capacity building plan. • Develop the Investment plan. • Develop the guidelines for the management of medical and hazardous waste. 	10/2010 08/2011
36.	Iraq	Integrated Solid Waste Master Plan for Sulaimaniyah Governorate	Ministry of Municipalities and Tourism, Kurdistan Regional Government	UNICEF	Chemonics Egypt	<ul style="list-style-type: none"> • Develop the Integrated Solid Waste Management Master Plan • Develop the institutional framework and capacity building plan. • Develop the technical and operational needs assessment for the proposed HR solid waste management department. • Develop the guidelines for the management of medical and hazardous waste 	10/2010 08/2011
37.	Iraq	Integrated Solid Waste Management Master	Kurdistan Regional Government	UNICEF	Chemonics Egypt	<ul style="list-style-type: none"> • Develop the Integrated Solid Waste Management Master Plan • Carry out detailed assessment of the existing disposal facilities in Dohuk Governorate 	12/2009 06/2011

Chemonics Egypt Consultants

NO.	Location, Country	Project Name	Client	Source of funding	Prime consultant	Type of service	Project duration
		plan for Dohuk Governorate				<ul style="list-style-type: none"> Review and analyze the existing institutional set-up for Solid waste management in Dohuk governorate covering the organizational structure, administration, staffing, operational, finance and regulatory arrangements, occupational safety & health issues. Estimate the capital investment and annual recurrent costs and prepare the investment strategy 	
38.	Iraq	Training Programme for Iraqi Municipal Officials – Solid Waste Management	Ministry of Municipalities and Public Works	UNICEF	Chemonics Egypt	Provide capacity building and training in: <ul style="list-style-type: none"> Municipal Solid Waste Collection System Evaluation and Design. Maintenance Management. Waste Management Information System. Controlled Dumpsites and Landfill Operation. Training of Trainers. 	08/2009 01/2010
39.	Egypt	Design of Controlled Landfills and Transfer Stations for Solid Waste Management in Six Governorates	Egyptian Environmental Protection Agency (EEAA)	State Fund	Chemonics Egypt	<ul style="list-style-type: none"> Design of eight controlled landfills and eight transfer stations for solid waste management in El-Beheira, El-Sharkeya, El-Menya, Assiut, Suhag, and Quena governorates. Provide training and capacity building to the landfill personnel and laborer for a month to ensure efficient operation of landfill. 	10/2009 12/2011
40.	Iraq	Integrated Solid Waste Management Master plan for Basrah Governorate	Ministry of Municipalities and Public Works	UNICEF	Chemonics Egypt	<ul style="list-style-type: none"> Develop the Integrated Solid Waste Management Master Plan Analyze the existing institutional set-up for Basrah governorate including Basrah city covering the organizational structure, administration, staffing, operational, finance and regulatory arrangements, occupational safety & health issues. Propose suitable capacity building measures in the short, medium, and long-term, and recommended suitable training programs for Basrah governorate 	03/2008 06/2009
41.	Egypt	Closedown of Montazah and Abis Waste Dumpsites	Alexandria Governorate	Private Sector	Chemonics Egypt	<ul style="list-style-type: none"> Provide site and waste characterization study for Montazah and Abis waste dumpsites. Design the close-down scenarios for the dumpsites. Develop the detailed Design and Tender Documents Provide construction supervision services for the safe closure 	07/2004 12/2005

Water & Wastewater Management Department



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No.	Location, Country	Project Name	Client	Source of funding	Prime consultant	Type of service	Project duration
1.	Egypt	Suez Canal Economic Zone Desalination PPP Selection of Technical, Environmental, and Social Consultant	General Authority for the Suez Canal Economic Zone	European Bank for Reconstruction and Development (EBRD)	ARTELIA	<ul style="list-style-type: none"> Conduct feasibility studies including technical, environmental and social studies. Prepare of procurement documents under the PPP model. Provide support in conducting an internationally competitive PPP procurement process. According to both the local legislation and the EBRD Procurement Policy. Provide support with commercial and financial close entailing signing of project agreements and the financing agreements. 	12/2023 12/2026
2.	Egypt	Consulting services for design, assistance to tendering, supervision of works implementation and project management for Helwan wastewater treatment plant project.	Construction Authority for Potable Water and Wastewater (CAPW)	Funded by Agence Française de Développement (AFD), European Union (EU) and European Investment Bank (EIB)	ARTELIA	<ul style="list-style-type: none"> Prepare the design, rehabilitation and upgrading of the WWTPs Prepare design for the new sludge treatment facilities for the whole WWTP capacity including an anaerobic digestion stage for power production and OPEX reduction. Provide technical assistance to overall project management and reporting Carry out the upgrading of the Helwan sewerage system Conduct operation and maintenance (O&M) during testing period, commissioning of the plant and taking over and defect liability period (DPL). 	12/2023 12/2029
3.	Egypt	Consulting Services and Construction Supervision for the Rehabilitation of Kitchener Drain Projects in Kafr El-Sheikh	<p>The Holding Company for Water and Wastewater</p> <p>Kafr El-shiekh water supply and Sanitation Company (KSWSSC)</p>	European Investment Bank (EIB)	Chemonics Egypt Consultants	<ul style="list-style-type: none"> Provide technical assistance to the KSWSSC-PIU in the procurement process till award the contract. Provide perform condition assessment for the existing plant for all plant facilities Conduct design review, construction supervision and quality control work. Preparation of tender documents for the rehabilitation works using the FIDIC Red Book, 1999. Conduct operation and maintenance (O&M) during testing period, commissioning of the plant and taking over, financial close-out and defect liability period (DPL). Review and approve the training plan and training material prepared by the Contractor and supervise the training delivery during the DLP to the KSWSSC selected staff. 	01/2024 07/2027

Chemonics Egypt Consultants

No.	Location, Country	Project Name	Client	Source of funding	Prime consultant	Type of service	Project duration
4.	Rwanda	Consulting Services for the supervision of Works for the Construction of Kigali Centralized Sewerage system (KCSS)	Water and Sanitation Corporation Limited (WASAC Ltd)	African Development Bank (AFDB)	CES	<ul style="list-style-type: none"> • Conduct design review, construction supervision and quality control work for the Kigali centralized sewerage project • Provide capacity build of WASAC staff on operation and maintenance of sewerage system • Prepare Environmental and Social Impact Assessment (ESIA) • Prepare Stakeholder Engagement Plan (SEP) • Prepare detailed Resettlement Action Plan (RAP) to determine the extent of land acquisition impacts associated with the construction of the Centralized Wastewater Treatment Plant (WWTP) and all components and property valuation • Provide Technical Assistance to WASAC with the implementation of Resettlement Action Plan (RAP). • Conduct operation and maintenance O&M during testing period, commissioning of the plant and taking over, financial close-out and defect notification period. 	07/2023 03/2026
5.	Egypt	Egypt Seawater Desalination Plants - Environmental and Social Technical Support and Scoping Study.	International Finance Corporation (IFC) and European Bank for Reconstruction and Development (EBRD)	International Finance Corporation (IFC) and European Bank for Reconstruction and Development (EBRD)	Chemonics Egypt Consultants	<ul style="list-style-type: none"> • Prepare a preliminary E&S screening report and review national E&S Legal Framework and international guidelines • Review proposed technical design and solution selected • Conduct a preliminary stakeholder mapping and analysis • Conduct preliminary hydrodynamic modeling and brine/effluent plume dispersion analysis • Conduct a biodiversity screening • Review Egypt's National Determined Contributions (NDCs), Long-Term Strategies and/or National Climate Action Plans • Review relevant domestic and international legislation/ policies for assessing national GHG reduction targets and obligatory project adaptation measures on climate change • Design adaptation measures/strategies appropriate for the identified hazard and risk levels • Review and advise on opportunities for potential carbon credits in the context of the Projects • Prepare Terms of Reference ("TORs") for further studies (e.g., Environmental and Social Impact Assessment ("ESIA")) 	

Chemonics Egypt Consultants

No.	Location, Country	Project Name	Client	Source of funding	Prime consultant	Type of service	Project duration
6.	Egypt	Nile Delta Water Management - Leadership Development Programme for Water and Wastewater	Holding Company for Water and Wastewater (HCWW)	Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH	LOGIC Consultants	<ul style="list-style-type: none"> Develop and implement a leadership development programme which focuses on the development of 150 preidentified future leaders' behavioural competencies and leadership skillsets. Review and reaffirm the HCWW competency framework inclusive of proficiency levels considering all facets of their interviews, and understanding of HCWW leadership direction, and project team. Identify training needs, individual development plans leadership skill sets and predominant traits of the selected 120 potential leaders Develop 10 training modules and prepare training materials Conduct training sessions for the shortlisted 80 future leaders on the remaining 6 modules using innovative learning methods. Conduct one Train the Trainers session for 20 potential leaders 	12/2022 06/2024
7.	Egypt	Partner for International business development (Joint project) in cooperation with the BMWi Market Development Program (MEP) for SMEs on behalf of the Business Network Africa	Bundesamt für Wirtschaft und Ausfuhrkontroll e (Federal Office for Economic Affairs and Export Control)	Bundesamt für Wirtschaft und Ausfuhrkontrolle (Federal Office for Economic Affairs and Export Control)	trAIDe GmbH	<ul style="list-style-type: none"> Provide 2-3 knowledgeable experts so that the German participants are well prepared for their market entry in the target country for each webinar with the respective topic. Create public sector list of minimal 15 potential local authorities, ministries with relevant subsectors for German participants Organize and handle the event: focus on public sector Organize 3-5 group meeting depending on different water subsectors between public sector and German participants, and 2 project visits Organize 5 b2b meetings for each German companies Invite 3-4 relevant keynote speakers for conference part: focus on private sector Assist trAIDe for logistic planning due to on site visit Organize and handle the event: focus on local end consumers 	01/2022 On going
8.	Egypt	Integrated Water Solution Support Technical Assistance (IVSSTA)	The Holding Company for Water and	United States Agency for International	Tetra Tech	<ul style="list-style-type: none"> Develop a financial plan to ensure that operation and maintenance costs are fully covered, and that targeted subsidiary companies (Minia, Assiut, Sohag, Qena and Luxor) are self-sustaining 	03/2021 08/2023

Chemonics Egypt Consultants

No.	Location, Country	Project Name	Client	Source of funding	Prime consultant	Type of service	Project duration
			Wastewater (HCWW)	Development (USAID)		<ul style="list-style-type: none"> • Improve operational efficiency of selected subsidiaries response rate to customers complaints • Automation of Asset Management systems at targeted subsidiary companies, and develop a complete five years business (strategic) plan including replacement and rehabilitation operations. • Increase revenues in targeted subsidiary companies from water and wastewater tariffs. • Reduce percentage of unaccounted water from leakage and illegal connections. • Develop and implement a sustainability and replicability plan, including institutionalization of the above system (at HCWW-level) 	
9.	Egypt	Architecture and Engineering Design and Construction Management Services for Integrated Water Solutions Support (IWSS)	Holding Company for Water and Wastewater (HCWW)	USAID	CDM	<ul style="list-style-type: none"> • Conduct feasibility study, site investigation, and design services • Provide project management services • Provide project planning, procurement support services tendering support, construction management services • Carry out training and capacity building services • Conduct commissioning, operation and maintenance (OM) services • Provide contract administration 	02/2019 On going
10.	Egypt	Pre-feasibility Study for the National Non-Revenue Water Programme FWC SIEA 2018- LOT 2	HCWW - Alexandria Water & Wastewater Affiliated Company	EU	SUEZ Consulting	<ul style="list-style-type: none"> • Conduct pre-feasibility study including a full financial model and economic analysis 	01/2019 03/2020
11.	Egypt	Impact evaluation of UN- Habitat's water and sanitation interventions in Luxor, Assiut, Sohag and Damietta	UN HABITAT	UN HABITAT	Chemonics Egypt Consultants	<ul style="list-style-type: none"> • Identify project stakeholders at the water and wastewater sector • Conduct site visits and interviews with stakeholders • Conduct the baseline assessment for the four selected sites • Conduct site visits for sample collection • Conduct the end line assessment for the four selected sites 	12/2020 05/2021

Chemonics Egypt Consultants

No.	Location, Country	Project Name	Client	Source of funding	Prime consultant	Type of service	Project duration
						<ul style="list-style-type: none"> Conduct the workshop to present the data and results of the study reports 	
12.	Egypt	Non-Revenue Water, Energy Decision Support System and Sludge to Resources Recovery	Holding Company for Water and Waste Water	GIZ	WS Atkins International	<ul style="list-style-type: none"> Review and analysis of local standards practices, procedures and international best practices regarding NRW Analysis of the current techniques for physical losses reduction in the Nile delta Analysis of the commercial activities to assess problems that lead to commercial losses such as collection methods, the way of meter reading, types of meters used Prepare guideline for water loss reduction in rural communities (physical and commercial). Prepare training material for NRW guidelines for small and medium size communities (handbook) Conduct comprehensive training course on NRW guidelines (handbook) for NRW departments representatives Develop a new digital tool/system/module for Energy saving projects Review Egypt legal & PPP framework Review contract structures and risk allocation in PPPs Develop concept studies for at least two Wastewater Sludge to Energy projects Prepare an associated template contract and tender documents for planning, design, construction/installation and operation/management of sludge to resource recovery facilities/solutions. 	09/2020 09/2021
13.	Egypt	Develop of The National Wastewater Sludge Management Plan (NSMP)	Holding Company for Water and Wastewater (HCWW)	GIZ	Chemonics Egypt	<ul style="list-style-type: none"> Review of current status of sludge management in Egypt and future projections Analysis of the legal framework guiding sludge handling in Egypt Provide different options of more profitable and sustainable sludge reuse, including investment, O&M costs and expected revenues for each option. 	10/2018 02/2019
14.	Egypt	Technical Assistance to support the implementation of the	HCWW - Kafr El Sheikh Water &	European Investment Bank (EIB)	WS Atkins International Limited	<ul style="list-style-type: none"> Provide Technical Assistance and Support to the KSWSSC in planning and managing the implementation of the "Kafr El 	09/2018 06/2023

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No.	Location, Country	Project Name	Client	Source of funding	Prime consultant	Type of service	Project duration
		Kafr El Sheikh Wastewater Development Project	Wastewater Affiliated Company			Sheikh Wastewater Expansion Program” and assist in the defined priority districts of the Kafr El Sheikh Governorate <ul style="list-style-type: none"> • Provide preliminary and detailed design of wastewater networks • Support the KSWSSC in preparation of bills of quantities and technical specifications • Support the KSWSSC in capacity Building activities for the technical staff to enhance the skills, and competences among its personnel for designing and review its sewerage system and managing future sanitation projects • Support KSWSSC in improving its business processes and identify internal capacity improvement needs and training. 	
15.	Egypt	Pre- Feasibility Study for The Rehabilitation and Extension of Various Water and Wastewater Treatment Plants Under The National Rural Sanitation Programme	HCWW	European Commission	COWI	<ul style="list-style-type: none"> • Conduct pre- feasibility study and assessment • Carry out technical, social environmental, institutional, economic and financial baseline study for several existing WWTPs/WTPs • Conduct Strategic Environmental and Social Assessment (SESA), and Climate Risk and Vulnerability Assessment • Conduct financial and economic analysis • Prepare phased investment plan • Prepare conceptual design 	01/2018 12/2018
16.	Egypt	(IWSP I) Construction Site Supervision of Sewage Network for Tanta Al Samah and Samanoud	HCWW - Gharbia Water & Wastewater Company	IWSP I program (KfW, EC, AFD, EIB)	Chemonics Egypt	<ul style="list-style-type: none"> • Conduct design review • Carry out program management • Provide construction supervision • Assist the PIU in provisional acceptance and handover of completed construction works 	10/2017 11/2020
17.	Egypt	(IWSP I) Construction Site Supervision of Sewage Network for El Santa I & 3	HCWW - Gharbia Water & Wastewater Company	IWSP I program (KfW, EC, AFD, EIB)	Chemonics Egypt	<ul style="list-style-type: none"> • Conduct design review • Carry out program management • Provide construction supervision • Assist the PIU in provisional acceptance and handover of completed construction works 	10/2017 05/2020
18.	Egypt	(IWSP I) Construction Site Supervision for Damanhour, Shubrakhit,	HCWW - Beheira Water	IWSP I program	Chemonics Egypt	<ul style="list-style-type: none"> • Conduct design review • Provide program management • Provide construction supervision 	06/2017 10/2020

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No.	Location, Country	Project Name	Client	Source of funding	Prime consultant	Type of service	Project duration
		El-Mahmoudia Sewage Network	& Wastewater Company	(KfW, EC, AFD, EIB)		<ul style="list-style-type: none"> Assist the PIU in provisional acceptance and handover of completed construction works 	
19.	Egypt	Technical Services to Water and Wastewater Management Programme "Knowledge-Based Water Decision Support System" WDSS	HCWW	GIZ	WS Atkins International	<ul style="list-style-type: none"> Provide technical assistance Design decision support system and training manual Design strategic plan and project management toolkit Development of a consolidated national-level report 	09/2017 12/2018
20.	Egypt	Fayoum Wastewater Expansion Project	Holding Company for Water and Wastewater (HCWW)/ Fayoum Water Company	EBRD	WS Atkins International	<ul style="list-style-type: none"> Carry out baseline study (including socio-economic data, organizational and institutional review, tariff setting) Prepare long-term investment strategy Prepare Priority Investment Program (PIP) Conduct financial analysis Carry out environmental and social assessment Carry out resource efficiency assessment 	07/2016 05/2017
21.	Egypt	Non-Revenue Water Reduction Program in Sohag Governorate (WADA)	Sohag Water & Wastewater Company	USAID/COCA COLA international	Chemonics Egypt	<ul style="list-style-type: none"> Prepare practical guide (on-job training manuals) for utilities to use in reducing NRW Conduct water audit Conduct monitoring and evaluation Installing and fixing water meters Development of Intervention Implementation plan (IIP) Conduct active leak control Carry out training and capacity building services to reduce the non-revenue water by using DMA water Audit Toolkit 	06/2016 03/2018
22.	Egypt	Integrated Depollution Project for the Kitchener Drain Pre-feasibility Study	EU	EU	WS Atkins International Limited	Conduct a Pre-Feasibility Study include; <ul style="list-style-type: none"> Technical evaluation of wastewater treatment plants in three governorates in Delta Egypt with a total of (26) treatment plants Technical evaluation of the pumping stations of the Ministry of Water Resources and Irrigation Technical evaluation of the current situation of the system of collection and disposal of solid waste in the drain's water basin 	01/2016 05/2017

Chemonics Egypt Consultants

No.	Location, Country	Project Name	Client	Source of funding	Prime consultant	Type of service	Project duration
						<ul style="list-style-type: none"> • Conduct the hydraulic measurements for wastewater treatment plants and determining drainage points along the drain. • Conduct hydraulic measurements for the drain's water in (5) main section of it to determine its water flows • Conduct laboratory analyses of wastewater sample prior to discharging to the Kitchener drain and sub-drains. • Determine the economic return of the projects that will be implemented within the program 	
23.	Egypt	Construction Monitoring and Engineering Support to USAID/EGYPT	USAID	USAID	Chemonics Egypt	<ul style="list-style-type: none"> • Provide construction monitoring and engineering support to USAID Egypt during the implementation of new water/wastewater sector construction activities in Luxor, Aswan, Qena, Sohag, Assiut, Minia, Beni Suef and Sinai • Perform quality assurance reviews • Review proposals and cost estimates for new projects and provide recommendation to USAID • Inspect and monitor all construction materials, equipment, and activities in accordance with the contract specifications and USAID requirements • Ensure that all construction activities are implemented in compliance with USAID environmental requirements 	07/2015 09/2020
24.	Egypt	Support to the Kafr El-Sheikh Water and Sanitation Company for Tendering and Awarding Sewerage Infrastructure top priority Contracts in rural Clusters	HCWW - Kafr El Sheikh Water & Wastewater Company	EIB	WS Atkins International Limited	<ul style="list-style-type: none"> • Provide technical support • Carry out engineering design • Provide construction supervision services 	06/2015 11/2018
25.	Egypt	Consulting Services for Construction Supervision for Reconstruction/Extension of old El-Mahalla	HCWW - Gharbia Water & Wastewater Company	IWSP I program (KfW, EC, AFD, EIB)	Chemonics Egypt	<ul style="list-style-type: none"> • Provide design review • Carry out program management • Provide construction supervision • Assist the PIU in provisional acceptance and handover of completed works 	07/2015 12/2019

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No.	Location, Country	Project Name	Client	Source of funding	Prime consultant	Type of service	Project duration
		Water Treatment Plant in El-Mahalla El-Kubra City, Gharbia					
26.	Egypt	Technical Assistance to the Holding Company for Water and Wastewater for Technical Studies and Strategy Development	Holding Company for Water and Wastewater (HCWW)	European Union	WS Atkins International Limited	<ul style="list-style-type: none"> • Provide HCWW with a strategy and a master plan for technical losses reduction, through technical losses diagnosis • Update the Rural Sanitation Strategy and provide HCWW with a diagnosis of current situation, and strategy implementation on pre-selected pilot clusters • Carry out training and capacity building in management of reverse osmosis plants brine disposal and ESIA 	02/2015 01/2017
27.	Egypt	Preliminary Design, ESIA for the Rehabilitation of Ras El-Barr Wastewater Treatment Plant in Damietta Governorate	HCWW - Damietta Water & Wastewater Company	IWSP I program (KfW, EC, AFD, EIB)	Chemonics Egypt	<ul style="list-style-type: none"> • Provide critical review of the project feasibility study and updating the project concepts and plans • Develop of alternatives, and comparison of the proposed alternatives in terms of cost-effectiveness • Evaluate the conditions of the existing plants and the adequacy of their components to treat the present design flows • Prepare the preliminary designs for the WWTP treatment processes (extended aeration) and treatment process needs 	03/2015 03/2019
28.	Egypt	Support to Operation Optimization Measures in Affiliated Water and Wastewater Companies, Egypt	HCWW / Water and Wastewater Management Programme (WWMP)	GIZ	WS Atkins International Limited	<ul style="list-style-type: none"> • Provide technical support • Carry out capacity building and training services • Develop strategies and processes to support implementation of Action Plans of the ACs 	01/2015 08/2015
29.	Egypt	Development of a National Water Quality Management Strategy for Iraq	Ministry of Water Resources -Iraq	UNICEF	Chemonics Egypt	<ul style="list-style-type: none"> • Provide technical support • Develop Water quality strategy 	06/2014 09/2015
30.	Egypt	Transaction Advisory Services of Public Private Partnership (PPP) for Helwan Wastewater Treatment Plant Project	Construction Authority for Potable Water and Wastewater (CAPW)	African Development Bank (AFDB)	MVV Decon	<ul style="list-style-type: none"> • Prepare technical and financial feasibility study for PPP construction of the Helwan new WWTP (Capacity 500,000 m3/day) • Prepare prequalification document for contractors • Prepare tender document for the project 	02/2014 05/2015

Chemonics Egypt Consultants

No.	Location, Country	Project Name	Client	Source of funding	Prime consultant	Type of service	Project duration
						<ul style="list-style-type: none"> Assist in the evaluation of technical and financial proposal submitted by the contractors Carry out capacity building & training for CAPW/EWRA/NOPWASD staff 	
31.	Egypt	Technical Services to Water and Wastewater Management Programme "Knowledge-Based Wastewater Decision Support System" WWDSS	HCWW/ Water and Wastewater Management Programme	GIZ	WS Atkins International	<ul style="list-style-type: none"> Provide technical assistance Develop a consolidated national-level report on wastewater reuse Conduct a national-level comprehensive wastewater reuse situation analysis Conduct a national-level comprehensive sludge reuse situation Conduct a sludge reuse strategic plan Prepare design strategic plan and project management toolkit Prepare design decision support system and training manual 	10/2013 03/2017
32.	Egypt	Construction Monitoring and Engineering Support to USAID for close out activities under the Job Creation through Essential Service Delivery (JCESD)	USAID	USAID	Chemonics Egypt	<ul style="list-style-type: none"> Inspect and monitor all construction materials, equipment, and activities in accordance with the contract specifications and USAID requirements. Ensure that all construction activities are implemented in compliance with USAID environmental requirements Review and modify the new proposals and costs submitted by the AC's and provide recommendation to USAID to finance the project. Review the tender documents prepared by the AC's. Assist the AC's in tendering, evaluation and selection of the best contractor's offer. 	11/2013 06/2015
33.	Egypt	Preliminary Design, Detailed Design, ESIA, Preparation of Tender Documents, Assistance in Tendering and Construction Supervision for the Rehabilitation of 2 Large Water Treatment	HCWW - Sharkia Water & Wastewater Company	IWSP I program (KfW, EC, AFD, EIB)	Chemonics Egypt	<ul style="list-style-type: none"> Preliminary design, investigations, updating and review Preparation of Final Designs and Tender Documents Preparation of the required Environmental and Social Impacts Assessment (ESIA) study Preparation of Environmental Management Plan, mitigations measures, Emergency Response Plan, Monitoring Plan and Implementation Plan and assistance the (PIU) in obtaining Environmental Approvals from the EEAA Assistance to the PIU in Tendering and Contracting 	10/2013 11/2019

Chemonics Egypt Consultants

No.	Location, Country	Project Name	Client	Source of funding	Prime consultant	Type of service	Project duration
		Plants (Al Abassa and Zagazig) in Sharkia Governorate				<ul style="list-style-type: none"> Supervision of Construction and Program Management 	
34.	Egypt	Development of the National Strategy for Water and Sanitation Sector in Egypt, Water Policy and Regulatory Reform Project (WPRRP)	Egyptian Water Regulatory Authority (EWRA) / Ministry of Housing, Utilities and Urban Development	USAID	Chemonics International	<ul style="list-style-type: none"> Policy and strategy development Development of regulatory policies, tools, and procedures Establishment of water and wastewater operator and laboratory technician standards and certification programs Provision of transaction support for public-private partnerships in infrastructure development and service delivery Building capacity and developing models and tools for improved capital investment planning and asset management Design and implementation of management information systems and building capacity for program/construction management 	06/2013 09/2013
35.	Egypt	Preliminary Design, Detailed Design, ESIA, Tender Documents and Assistance for Tendering for the Renovation and Extension of 3 Wastewater Treatment Plants in Beheira Governorate	HCWW - Beheira Water & Wastewater Company	IWSP I program (KfW, EC, AFD, EIB)	Chemonics Egypt	<ul style="list-style-type: none"> Preliminary design, investigations, updating and review Preparation of Final Designs and Tender Documents Preparation of the required Environmental and Social Impacts Assessment (ESIA) study Preparation of Environmental Management Plan, mitigations measures, Emergency Response Plan, Monitoring Plan and Implementation Plan and assistance the (PIU) in obtaining Environmental Approvals from the EEAA Assistance to the PIU in Tendering and Contracting 	08/2013 05/2018
36.	Saudi Arabia	Detailed Engineering Services and EIA for Jeddah Wastewater Treatment Plant	Holy Mecca General Directorate of Water and Wastewater	Government funding	Chemonics Egypt	<ul style="list-style-type: none"> Prepare detailed design and technical specification for the marine outfalls Prepare an environmental impact assessment for wastewater treatment plant 	04/2005 12/2008
37.	Egypt	Rehabilitation of the Potable Water Supply Networks in West of Damanhour City, Beheira Governorate	HCWW - Beheira Water & Wastewater Company	IWSP I program (KfW, EC, AFD, EIB)	Chemonics Egypt	<ul style="list-style-type: none"> Review of design drawings Supervision of Construction and Programme Management 	02/2012 03/2014

Chemonics Egypt Consultants

No.	Location, Country	Project Name	Client	Source of funding	Prime consultant	Type of service	Project duration
38.	Egypt	Feasibility Study for The Expansion Program of Kafr El Shiekh Sanitation Services	EIB	EIB	WS Atkins International Limited	<ul style="list-style-type: none"> • Carry out Feasibility Study, including technical, financial, economic and environmental dimensions • Conduct an environmental and social impacts assessment • Develop implementation strategy and structure/mandate for the Project Implementation Unit • Conduct Financial economic and institutional assessments (including CAPEX and OPEX), • Conduct technical assessment of the current sanitation system. • Conduct needs assessment for improved sanitation systems. 	11/2011 04/2013
39.	Iraq	Development of Water and Sanitation Policy for Kurdistan Regional Government, Iraq	UNICEF	UNICEF	Chemonics Egypt	<ul style="list-style-type: none"> • Carry out technical assessment and institutional review • Prepare stakeholder identification and engagement 	11/2009 05/2010
40.	Egypt	Setting of Best Practices Environmental Principles for the Alexandria Free Zone, Alexandria, Egypt	General Authority for Free Zones and Investment (GAFI)	General Authority for Free Zones and Investment (GAFI)	Chemonics Egypt	<ul style="list-style-type: none"> • Carry out Feasibility study, including technical, financial, economic and environmental dimensions • Develop preliminary designs and action programs • Develop detailed designs, standard contracts and tender documents • Support in the tendering process 	05/2010 12/2012
41.	Egypt	Technical Consultancy to Prepare Alternatives for the 6th of October Wastewater Treatment Plant (WWTP) in Egypt	Ministry of Housing, Utilities, and Urban Development (MHUUD)	World Bank	Chemonics Egypt	<ul style="list-style-type: none"> • Preliminary conceptual design of the WWTP • Provide financial planning • Develop land use and demand assessment for Waste Water treatment capacity. 	06/2009 12/2009
42.	Egypt	Design Review, Construction Supervision, and O&M for Water and Wastewater Projects in Beheira Governorate (Mahmoudia, Damanhour, Abu	National Organization for Potable Water and Sanitary Drainage (NOPWASD)	World Bank	Chemonics Egypt	<ul style="list-style-type: none"> • Develop of detailed design and design review • Prepare tender documents and construction supervision services 	10/2008 03/2016

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No.	Location, Country	Project Name	Client	Source of funding	Prime consultant	Type of service	Project duration
		Homos, and Rashid Districts) ISSIP I					
43.	Egypt	Design, Construction Supervision and Design Review of Wastewater Projects in the Districts of Shabra Kheit, Itay El-Barood, Kom Hamada, El-Delingat, and Hosh Eisa, Beheira Governorate	National Organization for Potable Water and Sanitary Drainage (NOPWASD)	State fund	Chemonics Egypt	<ul style="list-style-type: none"> Carry out detailed design and design review Prepare tender documents and construction supervision services 	10/2008 03/2016
44.	Egypt	Egypt Water and Wastewater Sector Support (WWSS)	Holding Company for Water and Wastewater	USAID	Chemonics International	<ul style="list-style-type: none"> Provide technical assistance Carry out HR Development, training and capacity building services 	12/2008 09/2013
45.	Egypt	Development of a Financing Strategy for the Water Supply and Sanitation Sector in Egypt	Holding Company for Water and Wastewater /	OECD	COWI A/S	<ul style="list-style-type: none"> Develop financing strategy 	08/2008 03/2009
46.	Egypt	Affordability Assessment to Support the Development of a Financing Strategy for the Water Supply and Sanitation Sector in Egypt	Holding Company for Water and Wastewater /	OECD	Chemonics Egypt	<ul style="list-style-type: none"> Prepare affordability assessment, including affordability impact model 	05/2008 01/2009
47.	Egypt	Technical Assistance in Drafting a Business Plan and in the Evaluation of the organizational and staffing needs of the Holding Company for Water and Wastewater (HCWW)	Holding Company for Water and Wastewater	GIZ	Chemonics Egypt	<ul style="list-style-type: none"> Provide technical assistance Prepare business plan Conduct organizational review and TNA 	04/2008 11/2008

Chemonics Egypt Consultants

No.	Location, Country	Project Name	Client	Source of funding	Prime consultant	Type of service	Project duration
48.	Egypt	Advice to the Water and Wastewater Management Program on Egypt Levels of Service, EWRA Policy Advisory Unit	Ministry of Housing, Utilities, and Urban Development (MHUUD)	GIZ	Chemonics Egypt	<ul style="list-style-type: none"> Prepare a study on level of service targets for the water and wastewater services in Egypt. 	11/2007 05/2008
49.	Egypt	Expert Opinion on Project Management, Human Resources and Organizational Development Measures for the Improved Water and Wastewater Services Program (IWSP)	IWSP I program (KfW, EC, AFD, EIB)	IWSP I program (KfW, EC, AFD, EIB)	Chemonics Egypt	<ul style="list-style-type: none"> Provide technical support Provide institutional support and Human Resources Development 	10/2007 01/2008
50.	Egypt	Fayoum Drinking Water and Sanitation Projects (Phase V)	Fayoum Water & Wastewater Company	Netherland fund	Haskoning Nederland BV	<ul style="list-style-type: none"> Provide technical assistant services 	02/2007 06/2011
51.	Egypt	Master Plan for Water and Wastewater Systems in the Governorate of Beheira	HCWW - Beheira Water & Wastewater Company		Chemonics Egypt	<ul style="list-style-type: none"> Provide Master Plan for water and wastewater in Beheira Governorate 	02/2007 09/2009
52.	Egypt	Upgrading Water Supply Systems of Damnhour District, Beheira Governorate	HCWW - Beheira Water & Wastewater Company		Chemonics Egypt	<ul style="list-style-type: none"> Conduct technical studies Provide technical assistance during the tendering period Carry out construction supervision of proposed works Provide technical assistance for technology transfer to BWC personnel and human resources development 	04/2004 02/2007
53.	Egypt	Technical Assistance to Ministry of Water Resources and Irrigation (MWRI) / Institutional Reform Unit (IRU) in the design and implementation of a consultation process	Ministry of Water Resources and Irrigation (MWRI)	GTZ	Chemonics Egypt	<ul style="list-style-type: none"> Provide Technical Assistance Conduct Institutional and organizational support 	11/2006 06/2007

Chemonics Egypt Consultants

No.	Location, Country	Project Name	Client	Source of funding	Prime consultant	Type of service	Project duration
		with other concerned Ministries on the MWRI Vision and Strategy on Institutional Reform					
54.	Egypt	Operation and Maintenance Study for Public Works Project of SFD	Social Fund for Development (SFD)	Social Fund for Development (SFD)	Chemonics Egypt	<ul style="list-style-type: none"> Conduct Operation and Maintenance Study for Public Works 	12/2004 02/2006
55.	Syria	Pre-feasibility Study for Zabadani Water and Wastewater Project	Ministry of Housing and Construction, Syria	European Investment Bank (EIB)	Chemonics Egypt	<ul style="list-style-type: none"> Conduct Pre-Feasibility Study Conduct Financial and economic analysis 	07/2005 09/2005
56.	Libya	Updating Master Plan infrastructure of Tripoli Sewerage System & Improvement of Tripoli Sanitary and Stormwater Systems	Engineering Consultancy Office for Utilities, Tripoli Municipality	State fund	Chemonics Egypt	<ul style="list-style-type: none"> Updating Master Plan for infrastructure Prepare conceptual designs Prepare environmental impact assessment (EIA) study 	11/2003 12/2007
57.	Syria	Pre-investment Study for Banias Wastewater Project and Rehabilitation of Banias Refinery Industrial Wastewater Treatment Plant	Ministry of Housing and Construction,	UNEP/MAP	Wilbur Smith Associates	<ul style="list-style-type: none"> Conduct Pre-Investment Study Develop the Wastewater Management Plan Develop the Feasibility Report 	11/2004 06/2005
58.	Egypt	El-Annania Wastewater Treatment Project Rehabilitation, Augmentation, and Operational Improvement	Damietta Water & Wastewater Company	Ministry of Foreign Affairs of Finland Unit for the Middle East and North Africa	LEMCON Ltd., International Operations, Finland	<ul style="list-style-type: none"> Prepare a sustainable O&M plan Monitor the implementation of the plans and procedures. Provide O&M training. 	11/2004 05/2006
59.	Egypt	Consolidation of the Danish Assistance to Aswan Water and	Ministry of Housing, Utilities, and	DANIDA	COWI	<ul style="list-style-type: none"> Design a strategy for integrating the different sub-systems into a comprehensive, well structure MIS system, capable of producing crucial management information in a timely manner. 	03/2004 12/ 2004

Chemonics Egypt Consultants

No.	Location, Country	Project Name	Client	Source of funding	Prime consultant	Type of service	Project duration
		Sanitation Company, Bridging Phase	New Urban Communities				
60.	Egypt	Consultancy Services for the Feasibility Study of the Abu Rawash Wastewater Treatment Plant Extension Project Phase I & II	The Organization for the Execution of Greater Cairo Wastewater Projects (CWO)	European Investment Bank (EIB)	Soil & Water Ltd., Finland	<ul style="list-style-type: none"> • Conduct Feasibility Study • Conduct Financial and economic analysis • Provide Institutional and environmental assessment 	03/2002 10/2003
61.	Egypt	Minya City Water and Wastewater Systems Improvement Project: Detailed Engineering Services	Earth Tech Inc.	USAID	Chemonics Egypt	<ul style="list-style-type: none"> • Carry out design services (designs, plans, profiles and details) • Assist D/B Engineer in developing specifications 	12/2002 01/2004
62.	Egypt	Survey Works for Minya City Water and Wastewater Improvements Project, Middle Egypt D/B Construction Project	ABB SUSA, Inc.	USAID	Chemonics Egypt	<ul style="list-style-type: none"> • Conduct topographic survey 	10/2002 06/2003
63.	Egypt	Feasibility Study of Esna Sanitary Drainage Project and Ground Water Situation	NOPWASD	DANIDA	Chemonics Egypt	<ul style="list-style-type: none"> • Conduct feasibility study • Carry out engineering design 	08/2001 01/2002
64.	Egypt	Institutional Development Support to Aswan Water Authority	Aswan Water Authority	DANIDA	Chemonics Egypt	<ul style="list-style-type: none"> • Provide Institutional Development Support • Implement a study to forecast demand, production costs and revenue requirements. • Identify and compare strategic options for cost control. • Prepare Business Plan for sustainability showing cost and level of service and revenue requirements. • Formulate 5 years Capital Investment Plan and Budget. 	01/2001 01/2004

Chemonics Egypt Consultants

No.	Location, Country	Project Name	Client	Source of funding	Prime consultant	Type of service	Project duration
65.	Egypt	Technical Assistance and Capacity Building for Egypt Water Supply and Sanitation Sector Program Support	NOPWASD	DANIDA	Chemonics Egypt	<ul style="list-style-type: none"> • Provide technical assistance for establishment of the Technical Secretariat to the Inter-ministerial Policy Coordination Committee. • Carry out Capacity building and training at local and national levels • Review Esna wastewater project design 	01/2001 01/2004
66.	Egypt	Legal, Institutional and Regulatory Reform of the Egypt Water and Wastewater Sector (Phase I&II)	Ministry of Housing, Utilities, and Urban Communities	USAID	Chemonics International	<ul style="list-style-type: none"> • Support to operationalize the Egyptian Water and Wastewater Regulatory Authority • Support to operationalize the Private Sector Participation (PSP) Unit • Transaction support for Pilot Private Sector Participation (PSP) projects 	
67.	Egypt	Egypt Water Supply and Sanitation I Sector Program Support	Ministry of Housing, Utilities, and New Urban Communities	DANIDA	COWI	<ul style="list-style-type: none"> • Support Private sector participation. • Provide Policy, strategy, performance criteria and five-year planning. • Conduct Regulatory functions with a focus on tariff setting and technical and financial performance monitoring of utilities. 	01/2000 04/2000
68.	Egypt	Gravity Sewer Rehabilitation in the City of Suez Detailed Design Engineering Services	ABB SUSA INC. / Dellingham	USAID	Chemonics Egypt	<ul style="list-style-type: none"> • Provide detailed designs (conceptual and final) and workshop drawings. 	11/1997 05/1999
69.	Egypt	Institutional Development Services for Secondary Cities, Egypt	USAID	USAID	Chemonics International	<ul style="list-style-type: none"> • Provide technical assistance and training services 	01/1997 06/2004
70.	Egypt	Value Engineering Study Conceptual Design – Alexandria Wastewater System Expansion II Project	Alexandria General Organization for Sanitary Drainage (AGOSD)	USAID	Chemonics Egypt	<ul style="list-style-type: none"> • Provide value engineering study • Conduct Conceptual Design 	05/1998 06/1998

Chemonics Egypt Consultants

No.	Location, Country	Project Name	Client	Source of funding	Prime consultant	Type of service	Project duration
71.	Egypt	Institutional Support Project to AGOSD for Technical Operation and Maintenance Services, Training, Procurement and Management Services	Alexandria General Organization for Sanitary Drainage (AGOSD)	USAID	CH2M Hill Services International	<ul style="list-style-type: none"> • Provide Institutional Support • Provide Technical Operation and Maintenance Services, • Carry out Training, Procurement and Management Services 	09/1998 11/2003
72.	Egypt	Evaluation of Small Bore Gravity Sewer System in Egypt	U.S. Department of Agriculture (Foreign Assistance Service)	U.S. Department of Agriculture (Foreign Assistance Service)	Chemonics Egypt	<ul style="list-style-type: none"> • Conduct Studies and evaluation 	02/1996 04/1996
73.	Egypt	Water and Sanitation in Edfu Rural Areas	Edfu Primary Health Care Project	DANIDA	Chemonics Egypt	<ul style="list-style-type: none"> • Prepare preliminary construction and O&M cost estimates • Provide recommendations of institutional modalities for project implementation and operation and maintenance 	07/1995 10/1995
74.	Egypt	Management Training for the Egyptian Drinking Water and Wastewater Sector	NOPWASD	Netherlands Directorate General for International Cooperation (DGIS)	DHV Consultants BV	<ul style="list-style-type: none"> • Develop a management development training program 	11/1994 7/1998
75.	Egypt	Port Said Infiltration/Salinity Survey	NOPWASD	USAID	Morrison Knudsen Corporation	<ul style="list-style-type: none"> • Conduct hydraulic analysis • Evaluate the sewer system, • propose cost-effective sewer rehabilitation works 	06/1994 05/1996
76.	Egypt	Suez Sewer System I/S Survey	NOPWASD	USAID	Chemonics Egypt	<ul style="list-style-type: none"> • Mapping and digitizing the Suez sewer system and hydrogeological environment. • Monitoring pump station flows. • Selecting sites for flow monitoring and salinity sampling. • Evaluating the sewer system. • Performing a cost-effectiveness analysis for sewer rehabilitation works. • Planning and mapping proposed sewer rehabilitation works. 	06/1993 06/1995
77.	Egypt	O&M Management and Technical Training	USAID	USAID/ LD II Training Block Grant	Chemonics Egypt	<ul style="list-style-type: none"> • Technical training for O&M of facilities, desalination plants, collection vehicles, and roads and buildings. 	05/1993 02/1994

Chemonics Egypt Consultants

No.	Location, Country	Project Name	Client	Source of funding	Prime consultant	Type of service	Project duration
78.	Egypt	Aswan Independent Water Company Project	NOPWASD	DANIDA	Chemonics Egypt	<ul style="list-style-type: none"> • develop policies and an institutional framework for a locally autonomous water supply and sewerage authority • Governorate-wide O&M planning and budgeting to help improve the quality of service, sustain facilities, and determine the economic costs of adequate service; cost accounting and financial systems; utility-level management systems; and assistance in developing by-laws for regulating connection to municipal sewerage systems. 	11/1992 05/1995

Eco-Industrial Department



Chemonics Egypt Consultants

No.	Location, Country	Project Name	Client	Source of funding	Prime consultant	Type of service	Project duration
1.	Middle and Near East	Study to identify green FSD opportunities in the MENA region	Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH	Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH	Chemonics Egypt Consultants	<ul style="list-style-type: none"> • Collect data and information from the Client on GIZ projects and activities • Design and finalize interview forms and surveys and conduct interviews with (at least 10) relevant GIZ country directors, cluster coordinators, project managers, as well as country directors/managers • Finalize analysis templates and report structure • Map stakeholders • Map key green/climate finance MENA activities and gaps • Develop top possible collaborations based on tasks above and understandings of gaps in various countries and projects • Conduct interviews batch 2 with possible partners for implementation • Short list interventions and develop recommendations fact sheets 	03/2024 - 09/2024
2.	Egypt	Landscape Assessment of Clean-Technology Entrepreneurship and Innovation in Egypt	World Bank Group	World Bank Group	Chemonics Egypt Consultants	<ul style="list-style-type: none"> • Develop a framework to benchmark the Egyptian clean technology ecosystem • Conduct interviews with clean technology market players • Analyze policies and regulation • Develop an integrated map of the market elements and their interactions • Determine demand for clean technologies in industrial and commercial sector • Determine key barriers to growth of solution providers along with their needs as well as other market system gaps. • Define gaps in current green finance facilities offering in serving rapidly growing startups and SMEs (technology providers) and micro, small and medium commercial and industrial 	02/2024 – 04/2025

Chemonics Egypt Consultants

No.	Location, Country	Project Name	Client	Source of funding	Prime consultant	Type of service	Project duration
						<p>enterprises (by Egyptian definition, less than USD 4 million turnover)</p> <ul style="list-style-type: none"> • Define equity investment gap for green startups and SMEs • Develop draft roadmap, policy recommendations and catalytic finance interventions. • Design finance facilities to serve greening micro, small and medium end-user as well as finance green startups in SMEs using hybrid finance modalities based on market gaps 	
3.	Egypt	Feasibility Study to Identify Viable Business models for the Valorization of Organic Waste in Jordan	Global Green Growth Institute (GGGI)	Global Green Growth Institute (GGGI)	Chemonics Egypt Consultants	<ul style="list-style-type: none"> • Engage different stakeholders in Jordan, including public sector, international organizations/projects which are active in the sector as well as market leaders/investors • Map waste generation and define various sources of waste/streams. • Map value chains acting on various streams by assessing current processing schemes; landfilling, dumping, burning and valorization. • Map demand and analyze value chains (Energy, animal feed, compost, bio-pesticides, handicrafts, home furniture and other retail/consumer products, industrial inputs, etc.) • Develop extended long list of opportunities (40 – 50 opportunities), and shortlist them • Develop extended profiles of top 5 opportunities • Develop feasibility analysis frame • Conduct detailed market assessment • Develop feasibility studies, including detailed CAPEX and OPEX, Capital structure (debt, equity) , Financial indicators, cash flow, IRR, NPV, payback, etc. 	02/2024 – 11/2024

Chemonics Egypt Consultants

No.	Location, Country	Project Name	Client	Source of funding	Prime consultant	Type of service	Project duration
4.	Egypt	Phase II of Technical Assistance for Financial Institution Supports and Ecosystem Players For PV Solar Irrigation Systems - Post-implementation Monitoring	International Finance Corporation (IFC)	International Finance Corporation (IFC)	Chemonics Egypt Consultants	<ul style="list-style-type: none"> Develop assessment frame Collect relevant data Conduct six bi-annual assessments 	11/2023 – 05/2026
5.	Egypt	Adapting the agriculture sector to the impacts of sea level rise and climate change in the Northern Delta	European Investment Bank (EIB)	European Investment Bank (EIB)	AtkinsRéalis UK International Limited	<ul style="list-style-type: none"> Engage key stakeholders and collect data. Develop a climate risk assessment and identify the potential adaptation actions that can be integrated into an investment plan. Develop an integrated systems model to quantify the impacts of climate and socio-economic change on agricultural systems and value chains Develop a monthly hydrological model to estimate actual ET, runoff and groundwater recharge for the Northern Delta region of Egypt Determine impacts of climate change on agriculture (major crop types in the region) Collect data on flood extents, regional mean sea levels, sea level rise and extreme sea levels for Kafr El-Sheikh, Beheira, Dakahlia, Damietta and Port Said governorates. Develop an investment plan for the Delta 	10/2023 – 06/2024
6.	Egypt	Increasing Local Participation in Supply Chains to Support Renewable and Low Carbon Industries	European Bank for Reconstruction and Development (EBRD)	European Bank for Reconstruction and Development (EBRD)	Chemonics Egypt Consultants	<ul style="list-style-type: none"> Engage key stakeholders and implementation partners. Review international experience in developing RE value chains. Assess projected market demands on RE based on planned country strategies. Determine key barriers and skills gaps facing value chains, and develop interventions. 	09/2023 – 02/2025

Chemonics Egypt Consultants

No.	Location, Country	Project Name	Client	Source of funding	Prime consultant	Type of service	Project duration
						<ul style="list-style-type: none"> • Develop business models to capture opportunities and develop cost competitiveness studies for opportunities. • Profile top investment opportunities. • Develop an action plan for local participation 	
7.	Egypt	Digital Green Guide for SMEs in Egypt	European Bank for Reconstruction and Development (EBRD)	European Bank for Reconstruction and Development (EBRD)	Chemonics Egypt Consultants	<ul style="list-style-type: none"> • Map stakeholders and laws. • Map gaps in relevant policies to green economy as well as regulations, • Review international policies • Test the diagnostic tool with SMEs to test viability, usability and effectiveness • Conduct policy and guidebook validation focus groups • Develop guidebook 	04/2023 – 11/2023
8.	Egypt	"Global Eco Industrial Park Programme (GEIPP) - Egypt: Country level intervention Lot 2 - Policy Development Support for Eco-Industrial Parks in Egypt Lot 3 - Identify Resource Efficient and Industrial Symbiosis Interventions, And to Provide Related Trainings, At the Polaris Industrial Park (6th Of October City) In Egypt"	United Nations Industrial Development Organization (UNIDO)	United Nations Industrial Development Organization (UNIDO)	Chemonics Egypt Consultants	<p>For lot 2:</p> <ul style="list-style-type: none"> • Organize workshop to familiarize with the EIP approach • Conduct training for industrial park management authorities on how to assess the EIP performance of an industrial park. • Develop EIP vision and roadmap (the vision shall contribute to clarify an EIP definition for Egypt, based in the International EIP Framework v.2.0) • Propose specific policy and regulation changes which shall facilitate the development of EIP, industrial symbiosis and which will promote resource efficient and cleaner industrial production <p>For lot 3:</p> <ul style="list-style-type: none"> • Organize a capacity building workshop at Polaris IP to develop the capacity of park management and resident companies on the EIP concept 	<p>Lot 2 03/2023 12/2023</p> <p>Lot 3 04/2023 04/2023</p>

Chemonics Egypt Consultants

No.	Location, Country	Project Name	Client	Source of funding	Prime consultant	Type of service	Project duration
						<ul style="list-style-type: none"> Assess EIP opportunities at the industrial park Level Conduct RECP assessments of 25 resident companies at Polaris, according to the UNIDO RECP methodology Conduct a short study on possible urban-industrial symbiosis Implement and monitor RECP interventions 	
9.	Algeria, Egypt, and Saudi Arabia	Baseline study on beverage carton recycling	Large multinational packaging company	Large multinational packaging company	Chemonics Egypt Consultants	<p>For Egypt</p> <ul style="list-style-type: none"> Assess recommended recycler current technology Assess the identified facility or alternative facility if needed Assess alternative products for the reject material Determine any investments needed in the facility Determine possible challenges and opportunities in current or upcoming regulations Develop a business model and an action plan to implement the recycling project <p>For Saudi Arabia</p> <ul style="list-style-type: none"> Determine entities to be involved in collection in addition to the relation with SIG as well as role in project Determine segregation and pre-processing scheme needed Develop collection business model <p>For Algeria</p> <ul style="list-style-type: none"> Determine possible recycling markets for beverage carton Select most promising recycling markets Determine possible recyclers for beverage carton and possible entities to work on collection 	02/2023 07/2023

Chemonics Egypt Consultants

No.	Location, Country	Project Name	Client	Source of funding	Prime consultant	Type of service	Project duration
						<ul style="list-style-type: none"> • Identity needed stakeholders to establish a collection initiative • Determine possible business model for recycling beverage carton (which markets, roles and responsibilities, and possible key entities) 	
10.	Egypt	Agriculture and Food Systems Performance and Options for Competitiveness Enhancing Policies in Egypt	World Bank Group	World Bank Group	Unique Landuse (Prime Consultant)	<ul style="list-style-type: none"> • Collect, review, and analyze data from enterprise surveys as well as surveys of local financial institutions and stakeholders • Review ability of financial institutions or entities to provide financing that can be used for scaling climate technologies • Develop short, medium, and long-term recommendations on reform options to address gaps and identified barriers • Support the international green finance expert in conducting additional interviews or analyzing data 	02/2023 07/2023
11.	Cairo, Egypt	EBRD Framework Green Cities Action Plan - Consortia development - Green City Action Plan for the Cairo Governorate	European Bank for Reconstruction and Development (EBRD)	European Bank for Reconstruction and Development (EBRD)	WS Atkins International	<ul style="list-style-type: none"> • Conduct a stakeholder engagement workshop and draft a stakeholder engagement plan • Develop a policy and urban framework report • Conduct a Risk Vulnerability assessment and Map city resilience • Develop a Smart Maturity assessment report • Conduct a technical assessment for the city describing the rationale and 'sectoral' results behind the indicator database, and identified risks and vulnerabilities • Identify and prioritize challenges facing the city • Develop a green city vision and strategic goals • Map city actions against challenges, risks and vulnerabilities identified, and co-benefits • Provide training and capacity building activities for different stakeholders • Implement an M&E plan 	05/2023 05/2025

Chemonics Egypt Consultants

No.	Location, Country	Project Name	Client	Source of funding	Prime consultant	Type of service	Project duration
12.	Egypt	Recruitment of a Service Provider to Strengthen the Capacity of Entrepreneurship Support Organizations Working with Climate Action & Cleantech Startups in Egypt	African Development Bank (AfDB)	African Development Bank (AfDB)	Chemonics Egypt Consultants	<ul style="list-style-type: none"> Assess EOSs offerings and needs Review relevant CE ESO capacity building resources Develop content structure and present it to client Reach out one-on-one to certain ESOs Design and launch outreach and communication campaign Conduct 5-day capacity building program and training assessment Develop and implement M&E plan 	01/2023 11/2023
13.	Egypt	Phase II of Technical Assistance for Financial Institution Supports and Ecosystem Players for PV Solar Irrigation Systems	World Bank Group	World Bank Group	Chemonics Egypt Consultants	<ul style="list-style-type: none"> Continue support to 4FIs and provide marketing strategy implementation to ABE and NBE Support to 1-2 new FIs to launch solar irrigation products Expand farmers clusters access to solar irrigation finance Develop platform to facilitate the processing of the solar irrigation loan application defining short- and long-term impacts Support high growth companies Support gender pledge implementation Expand Growth Management Programme 	11/2022 06/2023
14.	Egypt	Promoting Industrial Symbiosis and Business Matchmaking in Sadat and Alexandria	Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH	Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH	Chemonics Egypt Consultants	<ul style="list-style-type: none"> Design data collection frame and implement it to map waste and business opportunities in supplier/client and service linkages covering at least 100 industrial firms in Sadat and Alexandria Identify technically and financially feasible matchmaking business opportunities for waste exchange and other linkages among firms in the industrial zones in Sadat and Alexandria but also with external buyers, recyclers, and services providers. 	11/2022 12/2023

Chemonics Egypt Consultants

No.	Location, Country	Project Name	Client	Source of funding	Prime consultant	Type of service	Project duration
						<ul style="list-style-type: none"> • Design and implement awareness raising and capacity building activities. • Design, organize and implement at least 4 events for Business Matchmaking and Industrial Symbiosis for waste and products exchange • Facilitate the exchange opportunities and identify return on business as well as provide after-business linkages services regarding the resource efficiency and technical implementation. 	
15.	Egypt	Identify Resource Efficient and Industrial Symbiosis Interventions, and to Provide Related Trainings, at the SIDC Industrial Park (Suez Canal Industrial Zone) in Egypt	United Nations Industrial Development Organization (UNIDO)	United Nations Industrial Development Organization (UNIDO)	Chemonics Egypt Consultants	<ul style="list-style-type: none"> • Conduct early opportunity mapping and needs assessment • Provide Park Management with Training and Orientation • Conduct capacity building workshop on EIP concept and the level of the IP • Assess EIP opportunities at the industrial park level • Assess RECP at the level of the companies • Conduct training workshops and identification of industrial symbiosis options • Conduct short study on possible urban-industrial symbiosis • Develop policy briefs on the basis of the achievements and field experience: • Conduct awareness raising events at mid-term and end of the assignment 	11/2022 11/2023
16.	Egypt, Morocco and Tunisia	Resource Efficiency Consulting Services for Pharma Manufacturers	8 private sector pharmaceutical companies	International Finance Cooperation (IFC)	Chemonics Egypt Consultants	<ul style="list-style-type: none"> • Develop basic true cost of water, recommendations for improvement of water control system, opportunities for water saving and reuse, recommendations for improvement of water control system, and technically feasible integration points and renewable energy technologies 	11/2022 On going

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No.	Location, Country	Project Name	Client	Source of funding	Prime consultant	Type of service	Project duration
						<ul style="list-style-type: none"> • Develop cost structure and tariff/pricing scenarios • Analyze sources of energy and water as well as consumption and waste centres • Refine electrical energy saving opportunities, thermal saving opportunities, and water saving and wastewater opportunities • Benchmarking and efficiency levels evaluation 	
17.	Egypt	EBRD Framework Green Cities Action Plan - 6th October City Action Plan	New Urban Community Authority (NUCA)	European Bank for Reconstruction and Development (EBRD)	WS Atkins International	<ul style="list-style-type: none"> • Conduct a stakeholder engagement workshop and draft a stakeholder engagement plan • Develop a policy and urban framework report • Support a Risk Vulnerability assessment and Map city resilience • Support a Smart Maturity assessment report • Conduct a technical assessment for the city describing the rationale and 'sectoral' results behind the indicator database, and identified risks and vulnerabilities • Identify and prioritize challenges facing the city • Develop a green city vision and strategic goals • Map city actions against challenges, risks and vulnerabilities identified, and co-benefits • Provide training and capacity building activities for different stakeholders 	07/2022 07/2024
18.	Egypt	Feasibility Study of a Program for Phasing Out Inefficient Cooling Products in the Residential and Commercial Sectors in Egypt	African Development Bank (AfDB)	African Development Bank (AfDB)	Chemonics Egypt Consultants	<ul style="list-style-type: none"> • Conduct market assessment of cooling product and determine products to be replaced • Determine policy support needed • Assess lending modalities • Design credit line and finance scheme • Design implementation plan including legal aspects • Present the assignment and its objectives and results in COP27 	08/2022 01/2023

Chemonics Egypt Consultants

No.	Location, Country	Project Name	Client	Source of funding	Prime consultant	Type of service	Project duration
19.	Egypt	Development of an electronic registry for electric motors for the Egyptian market	United Nations Industrial Development Organization (UNIDO)	United Nations Industrial Development Organization (UNIDO)	Chemonics Egypt Consultants	<ul style="list-style-type: none"> • Design & implement the framework of the platform: Partners, scope, functions, and Objectives • Develop platform material • Conduct focus group between public key stakeholders • Conduct online workshop targeting motors manufactures, suppliers and consultants • Conduct online workshop to raise awareness of users (industrial sector) and raising awareness of financial institutes • Conduct 2 Capacity building sessions on platform operation and performance analysis • Conduct Monitoring and Evaluation analysis 	08/2022 05/2023
20.	Egypt	Implementation of a sustainable finance technical assistance programme in Egypt (Lot I)	Agence Française de Développement (French Development Agency, AFD)	Agence Française de Développement (French Development Agency, AFD)	BFC consult	<ul style="list-style-type: none"> • Conduct PFI's baseline assessment • Prepare the programme's Operations Manual (according to AFD requirements) • Develop a communications plan • Organize a launch workshop for the PFIs, and other institutional partners • Organize a launch workshop for the PFIs, and other institutional partners 	07/2022 07/2025
21.	Egypt	Scalable employment models for intermediaries providing finance and business support	Palladium	Dutch Government	Humanist Institute for Cooperation with Developing Countries (Hivos)	<ul style="list-style-type: none"> • Support the Sourcing and selection of 25 Small and Growing Businesses (SGBs) • Provide Technical assistance (TA) to SGBs and their extended Micro Cluster throughout their project implementation: • Provide industry/sector focused tailored consultancies • Provide training for micro businesses run by youth • Provide environmental impact reporting training 	06/2022 06/2025

Chemonics Egypt Consultants

No.	Location, Country	Project Name	Client	Source of funding	Prime consultant	Type of service	Project duration
						<ul style="list-style-type: none"> • Provide commercial business development support: 	
22.	Egypt	Consultancy Support for the Gender and Climate Action Fast Track Initiative: Lead-up to COP27 in Sharm El-Sheikh, Egypt	European Bank for Reconstruction and Development (EBRD)	European Bank for Reconstruction and Development (EBRD)	Chemonics Egypt Consultants	<ul style="list-style-type: none"> • Conduct analysis and on ground research and review existing ecosystem support strategies • Provide ideation workshops for key stakeholders • Develop climate and gender profile for targeted sectors • Determine challenges to gender inclusion within the above sector • Develop roadmap for gender inclusion in sectors of focus • Develop toolkit for gender mainstreaming fast tracking • Prepare final GCAFTI report and support launching at COP27 	06/2022 11/2022
23.	Egypt	Phase II of TA for PV Solar Irrigation Systems	International Finance Cooperation (IFC)	International Finance Cooperation (IFC)	Chemonics Egypt Consultants	<ul style="list-style-type: none"> • Continue support to 4FIs and provide marketing strategy implementation to ABE and NBE • Support to 1-2 new FIs to launch solar irrigation products • Expand farmers clusters access to solar irrigation finance • Develop platform for ABE, including data analytics and fintech services • Support high growth companies • Support gender pledge implementation • Implement the Eco system roadmap (design and list support resources) 	04/2022 12/2022
24.	Egypt	Provision of Services Related to the Development of the Bio-Based Economy Strategy Action Plan	United Nations Industrial Development Organization (UNIDO)	United Nations Industrial Development Organization (UNIDO)	Chemonics Egypt Consultants	<ul style="list-style-type: none"> • Develop baseline and conduct gap analysis for Egypt bio-resource utilization • Conduct interactive and participatory activities with stakeholders • Develop strategy 	04/2022 11/2022

Chemonics Egypt Consultants

No.	Location, Country	Project Name	Client	Source of funding	Prime consultant	Type of service	Project duration
						<ul style="list-style-type: none"> • Develop governance structure • Correlate strategy with climate targets • Develop action plan for implementation of strategy • Design communication plan for strategy and presentation in COP27 • Present the assignment and its objectives and results in COP27 	
25.	Egypt	Green Inclusive Economic Development in Egypt	The Federal Department of Foreign Affairs (FDFA), acting through the Embassy of Switzerland in Egypt, Office for International Cooperation	The Federal Department of Foreign Affairs (FDFA), acting through the Embassy of Switzerland in Egypt, Office for International Cooperation	Chemonics Egypt Consultants	<ul style="list-style-type: none"> • Conduct a context analysis and finalize green economy assessment scheme • Develop recommendations on greening the portfolio and mainstreaming environmental aspects • Conduct a policy gap analysis for each of green sectors • Conduct a stakeholder's analysis of selected sectors • Develop and design of the Swiss engagement proposal • Develop short plan on how COP27 could be leveraged to support Swiss cooperation efforts and projects • Present the assignment and its objectives and results in COP27 	02/2022 04/2022
26.	Egypt	Incubator for Clean and Green in Upper Egypt - Oasis (New valley)	The Academy for Scientific Research and Technology (ASRT)	African Development Bank (AFDB)	Chemonics Egypt Consultants	<ul style="list-style-type: none"> • Develop and launch the call for ideas • Filter the applicants to select 15 to 20 to participate in the pre-incubation phase • Train the startup teams to prepare their business models, marketing plans, action plans, budgets, and business milestones. • Provide business, financial, technical and marketing consultations/mentorship based on the incubates needs and recommendation of the Expert Panelists and trainers 	12/2021 04/2022

Chemonics Egypt Consultants

No.	Location, Country	Project Name	Client	Source of funding	Prime consultant	Type of service	Project duration
27.	Egypt	Promoting Water Desalination using Solar Energy Technologies in Egypt	Grid-Connected-Small-Scale Photovoltaic Systems Project (Egypt PV – Industrial Modernization Center)	Grid-Connected-Small-Scale Photovoltaic Systems Project (Egypt PV – Industrial Modernization Center)	Chemonics Egypt Consultants	<ul style="list-style-type: none"> • Conduct baseline assessment, providing a quick review of commercialized desalination technologies with a comparison reflecting suitability for Egypt • Develop financial tool to assess CAPEX, OPEX, levelized cost of water with and without renewable energy • Develop a capacity building roadmap to qualify candidates in water desalination with focus on solar energy 	12/2021 03/2022
28.	Egypt	Supporting Small and Growing Industrial Businesses in Egyptian Industrial Zones – Themar 2.0	Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH	Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH	Chemonics Egypt Consultants	<ul style="list-style-type: none"> • Conduct capacity program for zone management and investors associations • Develop, design, and implement an outreach campaign to attract highly promising SMEs that targeted by the assignment • Manage SMEs selection process and preincubation phase • Manage incubation cycle • Organize and manage linkage and impact sustainability events 	12/2021 03/2023
29.	Egypt	Provision of Services Related to Strengthening the Market System for Green MSMEs	United Nations Industrial Development Organization (UNIDO)	United Nations Industrial Development Organization (UNIDO)	Chemonics Egypt Consultants	<ul style="list-style-type: none"> • Develop and implement ideation, incubation, acceleration and growth management programs (130) • Develop tailor made capacity building programs to support various • Provide 40 MSMEs with resource efficiency services • Develop 2 national roadmaps to increase manufacturing in two renewable energy markets • Develop and launch 2-3 green finance products with national banks • Develop cluster governance structure 	10/2021 09/2024

Chemonics Egypt Consultants

No.	Location, Country	Project Name	Client	Source of funding	Prime consultant	Type of service	Project duration
						<ul style="list-style-type: none"> Assist firms and banks in including climate and environmental considerations in their operations 	
30.	Alexandria , Egypt	EBRD Framework Green Cities Action Plan - Consortia development - Green City Action Plan for Alexandria Governorate	European Bank for Reconstruction and Development (EBRD)	European Bank for Reconstruction and Development (EBRD)	WS Atkins International	<ul style="list-style-type: none"> Engage with key departments and stakeholder representatives Provide assessment of social and economic conditions relevant to potential co-benefits Ensure Gender and vulnerable population representation and participation in the GCAP development Support the development of the Institutional Analysis Support the Capacity Building Sessions in response to sector related capacity gaps Provide a short analysis of the financial position and budget of the Governorate and other relevant public authorities Provide estimated capex range for potential Actions to support prioritization and estimated cost of pre-investment (feasibility and impact studies, etc.) Determine baseline conditions for energy sector. Support in development of a longlist of potential Actions to realize improvements in infrastructure and environmental conditions 	10/2022 10/2024
31.	Egypt	Coal Phase Out Framework strategy	Egyptian Environmental Affairs Agency	World Bank	Chemonics Egypt Consultants	<ul style="list-style-type: none"> Determine the current energy mix of the industry Assess cost and emissions from RDF and biomass in Egypt Develop scenarios to determine cost of energy and emissions for cement Estimate prices of green hydrogen 	09/2021 11/2021

Chemonics Egypt Consultants

No.	Location, Country	Project Name	Client	Source of funding	Prime consultant	Type of service	Project duration
						<ul style="list-style-type: none"> Determine potential energy saving in the sector as well as maximum possible alternative fuel percentages Provide a preliminary roadmap to decreasing emissions and phase out coal 	
32.	Egypt	Alcazar buildings eco-retrofit	Private Sector	Private Sector	Chemonics Egypt Consultants	<ul style="list-style-type: none"> Full design of building eco-retro fit plan Implement building eco-retrofit Conduct building post and pre assessment of material, water, and energy consumption as well ambient conditions 	08/2021 12/2021
33.	Egypt	Maximize the newly established WMRA financial resources in line with the most recent Waste Management Regulation Law No. 202 of 2020	The Ministry of Environment and the Waste Management Regulatory Authority (WMRA)	World Bank Group	Chemonics Egypt Consultants	<ul style="list-style-type: none"> Review institutional framework and governance model in the waste sector in Egypt Review WMRA's responsibilities and possible associated expenses Review similar international experiences and benchmark WMRA against international best practices experience in waste management Assess revenue generation options for WMRA and expenditure scenarios, resources and selection of revenue streams Provide recommendations and roadmap for implementation. 	08/2021 12/2021
34.	Egypt	Resource efficiency and renewable energy in a select number of textile and apparel manufacturers in Egypt	IFC (International Finance Corporation) - World Bank Group	IFC (International Finance Corporation) - World Bank Group	Chemonics Egypt Consultants	<ul style="list-style-type: none"> Conduct baseline and preliminary analysis Analyze energy/environmental management policies and practices - implementation of low-cost measures Conduct detailed diagnostics of energy, water and chemicals Assess renewable energy opportunities Select most suitable opportunities and develop an action plan Develop tendering documents and support implementation 	06/2021 06/2025

Chemonics Egypt Consultants

No.	Location, Country	Project Name	Client	Source of funding	Prime consultant	Type of service	Project duration
						<ul style="list-style-type: none"> • Monitor and evaluate action plan • Present the assignment and its objectives and results in COP27 	
35.	Egypt	Fiscal Sustainability Road Map for Desalination in Egypt	International Bank for Reconstruction and Development (World Bank Group)	International Bank for Reconstruction and Development (World Bank Group)	Chemonics Egypt Consultants	<ul style="list-style-type: none"> • Review institutional arrangements in the desalination sector • Assess the infrastructure governance framework • Map the fiscal flows for capital investments and O&M funding in the water sector • Review international experiences in mobilizing private finance • Develop scenarios for medium-term fiscal plan for desalination • Draft desalination fiscal plan (roadmap to developing the sector and attract investments) 	06/2021 12/2021
36.	Egypt	Egypt's Entrepreneurship Development Project" Incubator for Clean and Green in Upper Egypt	The Academy for Scientific Research and Technology (ASRT)	African Development Bank (AFDB)	Chemonics Egypt Consultants	<ul style="list-style-type: none"> • Develop partnerships needed to support entrepreneurs • Design an Incubation model • Develop an investment map of Clean and Green opportunities in Upper Egypt • Promote Tanmia wa Tatweer's (TwT) Incubation Program (serving at least five hundred youth and twenty stakeholders) • Identify and select participants for the Pre-Incubation Program (70 potential startups and up to 350 entrepreneurs) • Implement an incubation program for seventy potential startups • Monitor and report on project progress and results 	03/2021 09/2021
37.	Jordan	Recycling in Jordan Activity	Ministry of Environment	United States Agency for International	Chemonics International	<ul style="list-style-type: none"> • Conduct a recycling market system analysis and a business opportunity mapping study in Jordan 	02/2021 08/2025

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No.	Location, Country	Project Name	Client	Source of funding	Prime consultant	Type of service	Project duration
				Development (USAID)		<ul style="list-style-type: none"> • Develop and initiate an incubator for small and growing businesses in the waste management sector • Contribute to the capacity building programme for the Ministry of Environment • Develop and upgrade a TOT training guide to help initiate a certification programme • Provide trainings to partners and co-facilitators • Assist and monitor trainings delivered by partners, and assist with certification process • Support the partners in access to finance and in developing a business model for running the certification system, aiming at a financially independent system 	
38.	Egypt	Provision of services related to recommendation and development of operational policy tools, action plans and guidelines to promote the deployment of energy efficient motor driven systems in Egypt	United Nations Industrial Development Organization (UNIDO)	United Nations Industrial Development Organization (UNIDO)	Chemonics Egypt Consultants	<ul style="list-style-type: none"> • Conduct a baseline assessment study • Develop the operational policy tools and guidelines for the deployment of EE motors • Develop an action plan to support rewinding shops in adapting to the changes in the industrial motor's marketplace • Develop a market study to support local industries in the development of EE and clean technologies for motor systems • Develop the Energy Service Company (ESCO) market support policies and tools • Develop the stakeholder's engagement and communication plan 	01/2021 07/2024
39.	Qalyoubia and Menoufia Governorates, Egypt	Customized Business Support to SMEs in Qalyoubia and Menoufia, Egypt	United Nations Industrial Development Organization (UNIDO)	United Nations Industrial Development Organization (UNIDO)	Chemonics Egypt Consultants	<ul style="list-style-type: none"> • Develop and implement a customized business support programme for 20-25 ventures, including: trainings, coaching, technical and financial consultations, etc. • Establish aid ventures with business linkages and networking 	01/2021 04/2022

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No.	Location, Country	Project Name	Client	Source of funding	Prime consultant	Type of service	Project duration
						<ul style="list-style-type: none"> • Develop and implement a capacity building programme for key local stakeholders (institutions and private sector) • Organize an investment forum and a B2B matchmaking event, hosting the identified potential financiers and local players • Organize a stakeholder workshop to discuss gaps and design a roadmap to improve the local support system to promote entrepreneurship 	
40.	Egypt	Promotion of Small and Medium Enterprises Technical Support towards Sustainable Industrial Areas Management in Egypt	Industrial Development Authority (IDA)	Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH	Weber Sites Consulting GmbH	<ul style="list-style-type: none"> • Assess current IDA's terms and principles for developing and managing Industrial Areas (IAs) and draft changes towards Sustainable Industrial Areas (SIA) oriented terms and principles to be adopted by IDA • Develop a SIA compliance assessment system and 5-year roadmap for four pilot areas. • Develop an operational manual for two functions (investor care and service provision) for 2 IAs • Develop and conduct a needs assessment survey in each IA • Organize awareness-raising sessions for tenants in each IA on mandatory services and BDS • Develop a business model and a mechanism for the collection of the service fees (in cooperation with the IA management) for each IA • Develop a paying mechanism for one pilot paid service (by tenants) in two public IAs 	11/2020 07/2021
41.	Egypt	Supporting Entrepreneurship in the agribusiness sector in Minya	Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH	Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH	Chemonics Egypt Consultants	<ul style="list-style-type: none"> • Identify and select a sustainable Partner/incubator • Conduct a needs assessments analysis for the selected incubator • Customize the curricula and training kits • Design and implement a TOT program 	12/2020 07/2022

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No.	Location, Country	Project Name	Client	Source of funding	Prime consultant	Type of service	Project duration
						<ul style="list-style-type: none"> • Conduct outreach and awareness campaigns in collaboration with stakeholders (program call launching) • Evaluate applicants' proposals and select program participants • Conduct roll out program, Boot Camp and business workshop program • Implement an acceleration program for the existing business and linkage to market 	
42.	Mauritania	Capacity-building for incubators and entrepreneurship supporting organizations in the Mauritanian entrepreneurial ecosystem	World Bank Group	World Bank Group	Chemonics Egypt Consultants	<ul style="list-style-type: none"> • Conduct a preliminary capacity needs assessment for beneficiaries and an analysis of necessary capacities to deliver in the training program in conjunction with local consultant(s) • Conduct an outreach campaign (in collaboration with national partners) and ensure ownership and transfer of knowledge • Support national partners in ensuring ownership of training material and maximize their ability to monitor and evaluate the program's impact. • Raise the capacity of business trainers and advisers (Training of Trainers program) • Raise the capacity of incubators and other organizations. • Identify capacity-building needs of the target beneficiaries. • Develop a contextualized [capacity-building] program 	09/2020 12/2021
43.	Egypt	Supporting start-ups and small and growing businesses in the agribusiness sector in Sohag Themar III	Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH	Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH	Chemonics Egypt Consultants	<ul style="list-style-type: none"> • Conduct an acceleration program (for firms 2-5 years old) • Conduct a post acceleration program (for firms 4-10 years) • Provide access to finance services to beneficiaries. 	08/2020 07/2021

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No.	Location, Country	Project Name	Client	Source of funding	Prime consultant	Type of service	Project duration
						<ul style="list-style-type: none"> • Provide capacity building services to stakeholders enabling them to provide acceleration services 	
44.	Tunisia	Promotion of Sustainable Agriculture and Rural Development in Tunisia (PAD II): Training of trainers in ideation-concretization and capacity building of partners	Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH	Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH	Chemonics Egypt Consultants	<ul style="list-style-type: none"> • Develop an Ideation and concretization training and TOT training guide • Provide trainings to partners and co-facilitators • Assist and monitor trainings delivered by partners • Manage feedback process to refine training guide • Manage selection process to certify participants 	08/2020 02/2021
45.	Morocco, Tunisia, Algeria, Egypt, Sudan, Palestinian territories, Lebanon, Jordan, Iraq, Yemen	Water and Energy for Food MENA Regional Innovation Hub (WE4F_MENA_RIH)	United States Agency for International Development (USAID)	USAID, Dutch Foreign Ministry, Swedish international development cooperation agency (SIDA) and GIZ	Berytech Foundation	<ul style="list-style-type: none"> • Provide technical assistance to mid-to-late-stage companies and Financial Institutions (growth management and scaling up support, end user finance and financial products development) • Provide grants management and raising investments services • Provide clustering support and policy reform services • Provide Incubators, accelerators and business associations support • Present the assignment and its objectives and results in COP27 	08/2020 07/2024
46.	Egypt	Provision of Services for Green Cluster and Value Chain Analysis; Policy and Regulatory Framework Assessment in Luxor and Qena,	United Nations Industrial Development Organization (UNIDO)	United Nations Industrial Development Organization (UNIDO)	Chemonics Egypt Consultants	<ul style="list-style-type: none"> • Conduct a diagnostic study of private sector firms • Conduct a market system dynamics assessment of waste management, renewable energy, sustainable agriculture, and food production • Conduct value chains, clusters, and competitiveness analyses • Map and assess stakeholder • Develop an action plan and policy recommendations 	08/2020 12/2020

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No.	Location, Country	Project Name	Client	Source of funding	Prime consultant	Type of service	Project duration
47.	Egypt	Study on available sustainable alternative materials to plastics, and innovative packaging and recycling technologies that meet market needs in Africa to reduce plastics leakages to the environment	United Nations Industrial Development Organization (UNIDO)	United Nations Industrial Development Organization (UNIDO)	Chemonics Egypt Consultants	<ul style="list-style-type: none"> • Conduct a detailed sector overview • Map and analyze policy and regulatory frameworks • Map investment opportunities • Conduct a value chain 	07/2020 12/2020
48.	Egypt	Technical Assistance for the Application of Environmental Measures in Hotels' Operations	Mainstreaming the conservation and sustainable use of biodiversity into the tourism development and operations in threatened ecosystems in Egypt	United Nations Development Programme (UNDP)	Chemonics Egypt Consultants	<ul style="list-style-type: none"> • Conduct energy and environmental audits • Develop a best practices manual (energy saving, water saving, and environmental measures) • Provide a training of trainers (TOT) and capacity building services (environmental and energy efficiency measures and green finance principals) • Provide technical assistance to implement and finance developed measures 	05/2020 04/2021
49.	Egypt	Strategic Plans for Six Industrial Zones in Sohag and Qena in Upper Egypt	Industrial Development Authority (IDA)	World Bank and Government of Egypt	Chemonics Egypt Consultants	<ul style="list-style-type: none"> • Conduct a competitiveness analysis study • Conduct an industrial zones services gaps analysis study • Conduct an Infrastructure assessment • Conduct environmental and social impact assessments • Conduct operations barriers analysis study • Conduct a demand forecast assessment • Develop economic and financial feasibility studies • Develop strategic plans for industrial zones • Develop business models for industrial zones • Develop marketing plans for industrial zones 	05/2020 02/2021

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No.	Location, Country	Project Name	Client	Source of funding	Prime consultant	Type of service	Project duration
50.	Egypt	Egypt Commercial & Industrial sector PV NAMA (2 phases)	GIZ - Egyptian-German Joint Committee on Renewable Energy, Energy Efficiency and Environmental Protection Project (JCEE)	Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH	Chemonics Egypt Consultants	<ul style="list-style-type: none"> • Develop market sizing and segmentation for PV systems in industrial and commercial sector • Conduct surveys with 25 solar firms 30 industrial facilities • Determine gaps in access to finance for PV • Develop the structure of the facility • Assess emissions reduction • Prepare the NSP NAMA proposal • Determine CO2 emissions reduction and climate benefits of the program • Review all relevant documents as well as the NF requirements for the DPP as well as full NSP proposal documents • Develop and conduct market study on sectorial electricity consumption • Develop the criteria for SMEs to participate in the NSP • Develop the required TA with banks and solar firms • Finalize design details AND agreements of financial, technical, institutional, and other components/processes of the Egypt In-PV program in consultation with MoERE/JCEE and validation by relevant stakeholders • Draft and prepare the NSP proposal and present it in COP27 	02/2020 05/2022
51.	Egypt	Certification Procedures and Off Grid Market Development NREA/RVO Cooperation	National Renewable Energy Authority (NREA)	The Netherlands Enterprise Agency (RVO)	Darel	<ul style="list-style-type: none"> • Conduct market assessment • Conduct market baseline and gaps studies • Conduct a regulatory frame analysis • Map stakeholder • Develop and launch certification scheme 	02/2020 01/2021

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No.	Location, Country	Project Name	Client	Source of funding	Prime consultant	Type of service	Project duration
52.	Egypt	Conduct sub-sector analyses of two economic and prospective recycling streams	Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH	Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH	Chemonics Egypt Consultants	<ul style="list-style-type: none"> • Conduct an agriculture waste mapping study • Develop an interactive investment GIS map • Conduct value chain analysis • Conduct a stakeholders and private sector analysis and assessment • Conduct market assessment study • Identify and map Investment opportunities 	10/2019 01/2020
53.	Egypt	Technical Assistance for Business Modeling Design and Ecosystem Support Relevant for Solar Irrigation Systems – PV Pumping	International Finance Corporation (IFC) – World Bank Group	International Finance Corporation (IFC) – World Bank Group	Chemonics Egypt Consultants	<ul style="list-style-type: none"> • Design and launch financial products • Provide capacity building services for financial institutions • Provide growth management services • Support the development of fintech solutions • Support the entrepreneurship ecosystem in the PV pumping sector 	09/2019 08/2020
54.	Egypt	Public Schools Eco-Upgrade and Energy Retrofit	Private Sector	Private Sector	Chemonics Egypt Consultants	<ul style="list-style-type: none"> • Conduct resource efficiency assessment • Provide capacity building services for educational directorate staff on conducting energy audits • Design technical interventions • Conduct feasibility analysis for proposed solutions • Manage tendering process and supervise the implementation of proposed solution • Provide post implementation monitoring and assessment services 	09/2019 10/2021
55.	Egypt	Resource Efficiency Techno-economic planning - EDITA	EDITA	EDITA	Chemonics Egypt Consultants	<ul style="list-style-type: none"> • Conduct site surveys and collect data and measurements • Benchmark energy, water and material consumption • Identify solar thermal solutions and PV potential (technical and business model) • Identify different resources saving measures 	08/2019 12/2019

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No.	Location, Country	Project Name	Client	Source of funding	Prime consultant	Type of service	Project duration
						<ul style="list-style-type: none"> • Conduct pre-feasibility analysis of identified options • Develop and supervise implementation of intervention plan • Design solar thermal and PV systems with feasibility analysis (comparing PV instalment in factory versus show rooms) • Assess different business models for integration of PV systems (including owning the system versus PPA) • Support stakeholders in acquiring loans for energy efficiency and renewable energy finance 	
56.	Egypt	Business Opportunities Assessment for the Governorates of Menoufia and Qalyoubia	United Nations Industrial Development Organization (UNIDO)	United Nations Industrial Development Organization (UNIDO)	Chemonics Egypt Consultants	<ul style="list-style-type: none"> • Map and assess existing clusters and value chains • Map and assess business opportunities • Prioritize existing clusters and value chains • Conduct feasibility studies • Provide access to finance services • Provide technical assistance and capacity building services to financial institutions • Develop an action plan • Provide growth management services 	07/2009 10/2019
57.	, Egypt	Support in Tendering and Grid Connection for 5.5 MW PV on-grid Plant in Behera Governorate	Large Private Utility (details cannot be disclosed)	Large Private Utility (details cannot be disclosed)	Chemonics Egypt Consultants	<ul style="list-style-type: none"> • Develop and assist with the tendering process • Conduct PV simulation and LCOE calculations • Provide grid connection technical design and advisory 	05/2019 06/2019
58.	Egypt	Programme for Supporting Renewable Energy and Promoting Gender Equality in Egypt	Ministry of Electricity and Renewable Energy (MOERE)	European Bank for Reconstruction and Development	Enclude BV	<ul style="list-style-type: none"> • Conduct market study on economic opportunities for women • Identify the skills mismatches and ways to address them • Provide capacity building services for government officials and private sector actors to promote women's economic opportunities in the renewable energy sector 	01/2019 01/2022

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No.	Location, Country	Project Name	Client	Source of funding	Prime consultant	Type of service	Project duration
						<ul style="list-style-type: none"> Pilot a set of recommendations with selected stakeholders to promote women's participation in the renewable energy sector 	
59.	Egypt	Sohag Cluster Development and Industrial Zones Assessment; Supporting Start-ups and Small & Growing Businesses in the Agribusiness Sector in Sohag	Sohag Governorate/ Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH	Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH	Chemonics Egypt Consultants	<ul style="list-style-type: none"> Map stakeholders and identify investment opportunities Conduct a services and infrastructure needs assessment study for industrial zones Conduct competitiveness analysis for the agro-industry sector Provide growth management services for SMEs Provide Incubating services to selected startups Conduct resource efficiency audits Provide selected startups with access to finance services Support a selected bank in designing a credit line to a selected value chain 	09/2018 02/2020
60.	Egypt	Provision of services related to roadmap for strengthening the quality of locally manufactured products and components related to solar water heaters and solar thermal technologies in Egypt	Egyptian Ministry of Trade and Industry/ United Nations Industrial Development Organization (UNIDO)	United Nations Industrial Development Organization (UNIDO)	Chemonics Egypt Consultants	<ul style="list-style-type: none"> Conduct a market and stakeholders analysis study Identify investment opportunities Identify technical assistance needs and skills development requirements for local manufacturers Asses policy framework and market conditions Develop solar thermal heaters market and a local manufacturing roadmap Support roadmap committee in implementing the roadmap Provide training for value chain firms on best manufacturing practices and business development Develop finance schemes in collaboration with IFIs and national banks 	08/2018 09/2021

Chemonics Egypt Consultants

No.	Location, Country	Project Name	Client	Source of funding	Prime consultant	Type of service	Project duration
						<ul style="list-style-type: none"> • Provide training for banks and technical assessment on support of local manufacturing of solar thermal heating systems and components • Provide selected stakeholders with growth support and management services • Conduct industrial energy audits • Develop feasibility studies for solar thermal systems integration in industrial facilities as well as thermal energy saving measures 	
61.	Egypt	Building Technical Capacities Of Stakeholders, Coaching And Monitoring Activities In Integrated Waste Management - Specialized Training On Industrial Symbiosis in Suez, Ain Sokhna, Alexandria, Sadat, and Ouesna	Egyptian National Cleaner Production Center (ENCPC)	African Development Bank (AFDB)	Chemonics Egypt Consultants	<ul style="list-style-type: none"> • Conduct Industrial zones data analysis study • Develop generated waste estimates (door to door surveys) • Manage industrial zones stakeholders • Organize awareness workshops and facilitated waste exchange workshops were representatives of industrial facilities map symbiotic collaborations including waste exchange, sharing of resources, etc. 	09/2018 12/2018
62.	Egypt	Resource Efficiency Opportunity Identification and Assessment and Quick Wins Implementation – Major Carpet Manufacturer in 10 th of Ramadan industrial city,	World largest carpet manufacturer (Can't be disclosed)	World largest carpet manufacturer (Can't be disclosed)	Chemonics Egypt Consultants	<ul style="list-style-type: none"> • Conduct audits and benchmark to international best practices • Develop and provide potential saving opportunities • Conducting feasibility studies for proposed solutions • Developing Recommendations and Road Map • Support in implementation of zero cost solutions 	02/2018 09/2019
63.	Tunisia	Promotion of Sustainable Agriculture and Rural Development in Tunisia (PAD II): Support young	Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH	Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH	Chemonics Egypt Consultants	<ul style="list-style-type: none"> • Developing a model for workshops and capacity building/advisory to be replicated by partner institutions • Build the capacity of a community of local co-facilitators 	04/2018 10/2018

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No.	Location, Country	Project Name	Client	Source of funding	Prime consultant	Type of service	Project duration
		people in identifying innovative project ideas				<ul style="list-style-type: none"> Analyze the agriculture sector in Tunisia as well as key value chains which was reflected in the capacity building provided to entrepreneurs Analyze performance of nine hundred entrepreneurs over three workshops implemented in the period of 4 month leading to the delivery of three thousand training days in 7 governorates Design methodology, and develop content for the ideation sessions and Training of Trainers (ToT) Provide monitoring, evaluation and quality control services 	
64.	Egypt	Acceleration Programme for High Potential Waste Management Businesses (WMB)	National Solid Waste Management Programme (NSWMP)	Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH	Chemonics Egypt Consultants	<ul style="list-style-type: none"> Source, select, and train business growth advisors (BGAs) to offer strategic and technical growth advisory services to waste recycling MSMEs in Egypt Develop a Training of Trainers (ToT) manual which can be used to raise the capacity of waste recycling MSMEs to grow Source, select, and develop the capacities of 13 Waste Management Businesses (WMBs) (waste recycling MSMEs) to be able to synthesize their growth and scale-up strategies, optimize their operations, modernize their technology, improve their supply chain and organizational structure, develop their growth financial models and leverage different forms of financing Facilitate debt and equity investments towards the waste recycling MSMEs as well as provide fundraising and legal support to follow-up on the investment offers Engage stakeholders and implement a networking event for the participating firms 	01/2018 10/2018

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No.	Location, Country	Project Name	Client	Source of funding	Prime consultant	Type of service	Project duration
						<ul style="list-style-type: none"> with a focus on access to finance and business development with strategic clients and suppliers • Support financial institutions in serving the selected waste recycling MSMEs and the sector at large • Develop financial models and assist the waste recycling MSMEs with loan applications 	
65.	Egypt	Economic Study and Financial-Modelling tool on the Business Viability of Solid Waste Management Projects for Entrepreneurs and SMEs in Egypt	Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH	Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH	Chemonics Egypt Consultants	<ul style="list-style-type: none"> • Conduct Market analysis study • Conduct business diagnostics for startups and MSEs • Conduct Business opportunities assessment • Provide an overview of the access to finance through banking and non-banking facilities • Identify current and future market potential • Develop policy and regulatory recommendations to unlock certain waste recycling markets • Develop a financial tool to be used by angel investors, venture capitals, banks, and MSMEs in assessing investments in the waste recycling sector 	09/2017 04/2018
66.	Egypt	Design and Implementation Plan for a Cluster's Incubator in the New Damietta Furniture City	Social Fund for Development	African Development Bank (AfDB)	Chemonics Egypt Consultants	<ul style="list-style-type: none"> • Develop an engineering design of an incubator in the "New Damietta Furniture City" premises • Develop a management/operation plan for the designed incubator to function on a cost-recovery basis • Develop a detailed "Project Funding Proposal" to be used by the SFD to mobilize resources to equip, operate and manage the "Incubator" over its 4 years duration 	09/2017 01/2018
67.	Egypt	Clean Technology Manufacturing Value Chain Assignment – Road	World Bank Group	World Bank Group	Chemonics Egypt Consultants	<ul style="list-style-type: none"> • Conduct stakeholders mapping and engagement • Collect and analyze data 	06/2017 05/2018

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No.	Location, Country	Project Name	Client	Source of funding	Prime consultant	Type of service	Project duration
		Map Local Manufacturing of Highly Efficient Motors				<ul style="list-style-type: none"> Identify barriers that hinder local manufacturing and formulate suggested policy amends or interventions Develop a road map framework and a value chain assessment framework Identify investment opportunities Conduct market sizing and competitiveness analysis study Conduct value chain mapping and analysis studies Develop a road map as well as leverage finance and support for its activities 	
68.	Egypt	Energy Efficiency Solutions MIDOCO	MIDOCO "International Group for Modern Coatings"	MIDOCO "International Group for Modern Coatings"	Chemonics Egypt Consultants	<ul style="list-style-type: none"> Identify energy efficiency improvement measures Provide financial assessment of each identified measure in terms of payback and total saving over lifetime Provide support in implementing any zero cost measures 	04/2017 07/2017
69.	Egypt	Baseline Assessment-Solar Farming/Irrigation and Agricultural Waste Utilization in Egypt	IFC – World Bank Group	IFC – World Bank Group	Chemonics Egypt Consultants	<ul style="list-style-type: none"> Collect and analyze data Assess Egypt's startup support ecosystem against international best practices Identify high potential business opportunities Conduct market sizing and segmentation assessments of key markets Assess and analyze the markets and value chains of agriwaste and solar farming Develop recommendations for improving gender parity in the sectors of focus Develop a financial tool to be used by banks in designing financial schemes for PV pumping Conduct training for financial institutions on the use of the developed financial tool to assess PV pumping investments 	07/2017 06/2019

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No.	Location, Country	Project Name	Client	Source of funding	Prime consultant	Type of service	Project duration
70.	Egypt	Green Growth: Industrial waste Management and SME Entrepreneurship Hub in Egypt - Activation and Operation , Coaching and Mentoring Waste Management startups and MSEs	Egyptian National Cleaner Production Center (ENCPC) / Ministry of Industry	African Development Bank (AFDB)	Chemonics Egypt Consultants	<ul style="list-style-type: none"> • Operate and run an online waste exchange platform • Provide technical assistance for entities wishing to assess possibilities of waste exchange in 10th of Ramadan region • Determine key waste streams to focus on • Assess potential markets and business opportunities with focus on demand • Define investment opportunities and conduct feasibility analysis for top opportunities 	01/2017 07/2017
71.	Egypt	Business Opportunity Mapping in Suez	Nahdet el Mahrousa (NM)	Nahdet el Mahrousa (NM)	Chemonics Egypt Consultants	<ul style="list-style-type: none"> • Assess natural resources of the governorate of Suez as well as quantify available waste streams • Conduct a stakeholder mapping and engagement study • Map and prioritize Business opportunities • Conduct pre-feasibility studies for the highest-ranking business opportunities 	01/2017 08/2017
72.	Egypt	Provision of Services Related to the Support and Growth of MSE's and Other Business in Luxor	United Nations Industrial Development Organization (UNIDO)	United Nations Industrial Development Organization (UNIDO)	Chemonics Egypt Consultants	<ul style="list-style-type: none"> • Outreach, select, train, support growth, and consult startups in targeted sectors • Facilitate networking and interlinkages between stakeholders, large firms and startups and MSMEs • Facilitate debt and equity finance for supported startups and MSMEs • Provide capacity building services for financial institutes on financing green businesses • Develop a local angel investment network • Conduct a market and opportunities assessment study • Assess industrial zones needs and demand from investors • Conduct feasibility studies • Mobilize fund for industrial zone development 	02/2017 01/2018

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No.	Location, Country	Project Name	Client	Source of funding	Prime consultant	Type of service	Project duration
73.	Egypt	Supporting Egyptian Start-ups in Sohag: Agripreneurs Bootcamp	Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH	Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH	Chemonics Egypt Consultants	<ul style="list-style-type: none"> Map business opportunities Design, develop and implement an entrepreneurship support program to provide capacity building services to potential entrepreneurs Link the supported startups with clients, suppliers and future supporters, engaging the private sector in channeling their investments to Upper Egypt and creating a scalable, self-sustainable model to be further replicated in Sohag and in Upper Egypt. 	01/2017 11/2017
74.	Egypt	MED TEST II – Resource Efficiency Planning for Egyptian Industry - Charger Design and Battery Assessment	The Egypt National Cleaner Production Centre (ENCPC)	The United Nations Industrial Development Organization (UNIDO), The United Nations Environment Programme (UNEP)	Chemonics Egypt Consultants	<ul style="list-style-type: none"> Attend training on MED TEST II (Transfer of Environmentally Sound Technologies to Industry) methodology Conduct material, water and energy audits Develop potential resource efficiency solutions Support factories in implementation of resource efficiency measures Develop feasibility analysis of the proposed interventions 	06/2016 06/2017
75.	Egypt	Resource Efficiency Techno-economic planning – Hesni Textiles	Large Textile Company	Large Textile Company	Chemonics Egypt Consultants	<ul style="list-style-type: none"> Collect and analyze data Benchmark energy, water and material consumption Identify resource and energy saving measures Conduct pre-feasibility analysis of identified options Develop and supervise intervention plan Design and size solar thermal and PV systems with feasibility analysis - comparing PV instalment in factory versus show rooms Assess business models for integration of PV systems including (Owning the system versus PPA) 	10/2016 01/2017

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No.	Location, Country	Project Name	Client	Source of funding	Prime consultant	Type of service	Project duration
						<ul style="list-style-type: none"> • Support acquiring loans for energy efficiency and renewable energy finance • Support procurement of identified solution • Establish an energy committee and a resource efficiency department 	
76.	Egypt	Heliopolis University for Sustainable Development Entrepreneurship Center Creation	Heliopolis University	Heliopolis University	Chemonics Egypt Consultants	<ul style="list-style-type: none"> • Design the Entrepreneurship Center's mission, vision, objectives, KPIs, service offering and board of advisors • Conduct a business opportunity mapping to map opportunities • Identify business opportunities • Implement an 8-month entrepreneurship support program to support ten entrepreneurs and facilitate investments towards at least three startups • Support the team at HU to raise funds from the private sector for the first entrepreneurship support round • Advice on the financial sustainability of the Center and the human resources required 	08/2016 07/2017
77.	Egypt	EBNI Incubation Bootcamp	Eitesal (NGO)	Eitesal (NGO)	Chemonics Egypt Consultants	<ul style="list-style-type: none"> • Provide training and capacity building services 	07/2016 08/2016
78.	Egypt	Acceleration Programme for small growing businesses (Gazelles Accelerator)	Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH – Responsible and Inclusive Business Hub (RIBH MENA)	Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH – Responsible and Inclusive Business Hub (RIBH MENA)	Chemonics Egypt Consultants	<ul style="list-style-type: none"> • Assess small growing businesses in the energy Sector • Select ten small growing businesses to join the program and carry a needs assessment for selected businesses • Provide capacity building program that supports the growth of selected firms in addition to consultation services • Engage stakeholders and implement a networking event for participating firms with focus on access to finance and strategic clients 	08/2016 11/2016

Chemonics Egypt Consultants

No.	Location, Country	Project Name	Client	Source of funding	Prime consultant	Type of service	Project duration
						<ul style="list-style-type: none"> • Support PV firms in developing financial models for PPA and Leasing models • Support financial institutions in serving the firms and the sector 	
79.	Egypt	Resource Monitoring and Diagnostic System and Energy Efficiency Planning (Water, Thermal and Electrical Energy) Monitoring System	Food and Beverage Factory	Food and Beverage Factory	Chemonics Egypt Consultants	<ul style="list-style-type: none"> • Design and commission a digital resource monitoring system • Develop and commission an interactive software that allows for the continuous monitoring of the resource intensity (water, steam, and electricity consumption) per unit of the product • Develop and commission an interactive software use diagnostic and predictive algorithms to prevent potential system failures • Conduct measurements to identify energy consumption benchmarks • Identify technical solutions to reduce electrical and thermal energy consumption • Assess the feasibility of the identified solutions • Optimize the motor system with a focus on compressor and pumps • Develop a motor management policy • Develop solutions for waste heat recovery, boiler improvement and biogas system deployment 	07/2017 08/2019
80.	Egypt	Low Carbon and Environmentally Friendly Technologies Assessment for Food Industry	Egyptian National Cleaner Production Center (ENCPC)	United Nations Industrial Development Organization (UNIDO) – Government of Japan	Chemonics Egypt Consultants	<ul style="list-style-type: none"> • Engage industries in the project • Collect data collection and conduct measurements to determine resource efficiency in factories • Develop technological solutions to improve resource efficiency and include renewable energy in production in collaboration with factories staff 	02/2016 05/2016

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No.	Location, Country	Project Name	Client	Source of funding	Prime consultant	Type of service	Project duration
						<ul style="list-style-type: none"> Carry feasibility analysis of proposed solutions and get endorsement of factories for proposed solutions 	
81.	Egypt	"Nawart" Renewable Energy Startup Support Program	GIZ RIBH MENA & Ministry of Industry, Trade and Small Industries	Private Sector	Chemonics Egypt Consultants	<ul style="list-style-type: none"> Map and identify business opportunities Conduct outreach activities to identify fifteen potential startups and MSEs to receive support Design and implement startups and MSEs capacity building program Provide technical support for startups and MSEs Facilitate investments for MSEs 	12/2015 07/2016
82.	Egypt	Energy Efficiency in Egyptian Plastic Industry Co. (EPI)	Egyptian Plastic Industry Company (EPI)	Egyptian Plastic Industry Company (EPI)	Chemonics Egypt Consultants	<ul style="list-style-type: none"> Conduct energy audits Benchmark energy consumption to international standards Determine energy efficiency improvement solutions Develop energy efficiency improvement plan 	01/2016 12/2016
83.	Egypt	Energy Efficiency in Pegasus	Pegasus Sporting Club	Pegasus Sporting Club	Chemonics Egypt Consultants	<ul style="list-style-type: none"> Conduct energy audits Benchmark energy consumption to international standards Determine energy efficiency improvement solutions Develop energy efficiency improvement plan Implement solar thermal heaters solution Implement PV solar energy ESCO contract 	01/2016 12/2016
84.	Egypt	Design of Material Efficiency and Waste Recycling System – Japanese International Tobacco Company (JTI)	Japanese International Tobacco Company (JTI)	Japanese International Tobacco Company (JTI)	Chemonics Egypt Consultants	<ul style="list-style-type: none"> Conduct a resource efficiency audit in the facility Identify the waste streams which could be valorized Conduct a techno-economic feasibility for an on-site recycling plant Design, implement and commission a recycling plant 	10/2015 04/2016

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No.	Location, Country	Project Name	Client	Source of funding	Prime consultant	Type of service	Project duration
85.	Egypt	Industrial Waste Mapping and Design of Waste Exchange System in 10th of Ramadan	Egyptian Ministry of Trade and Industry and the National Cleaner Production Center (ENCPC)	African Development Bank	COWI A/S	<ul style="list-style-type: none"> Conduct a waste mapping and characterization study Develop inventory and database Conduct pre-feasibility and feasibility analysis Launch platform 	11/2015 12/2016
86.	Egypt	NGOs Municipal Solid Waste Management and Entrepreneurship Training / ILO 03	Misr Elkheir	UNIDO	Chemonics Egypt Consultants	<ul style="list-style-type: none"> Prepare training material Conduct training Provide individual advisory sessions to SMEs 	10/2015 11/2015
87.	Egypt	Enhancing Youth Employability and Local Economic stability and Development in Upper Egypt (Outreach I)	United Nations Industrial Development Organization (UNIDO).	United Nations Industrial Development Organization (UNIDO).	Chemonics Egypt Consultants	<ul style="list-style-type: none"> Develop and execute an outreach campaign to identify potential entrepreneurs Provide training and capacity building services Deliver technical, business, and financial consultations Facilitate investment 	11/2014 02/2015
88.	Egypt	Mapping of business opportunities in municipal and agricultural waste management in Sohag, Qena, Aswan and Luxor, as well as development of an action plan to support entrepreneurs	United Nations Industrial Development Organization (UNIDO)	United Nations Industrial Development Organization (UNIDO)	Chemonics Egypt Consultants	<ul style="list-style-type: none"> Map, asses, and prioritize business opportunities Conduct prefeasibility studies for selected opportunities Asses entrepreneurship support ecosystem and provide policy recommendations to increase the support to startups and MSEs Develop an action plan to support startups and MSEs in selected governorates 	08/2014 11/2014
89.	Egypt	Implement ILO'S Training Tool Start Your Waste Recycling Business (SYWRB) to Trainers and End Beneficiaries	Decent Jobs for Egypt's Young People (DJEP) Project	International Labor Organization (ILO)	Chemonics Egypt Consultants	<ul style="list-style-type: none"> Compile, prepare, and design layout of Training of Trainers (TOT) and business related topics. 	02/2014 – 06/2014
90.	Egypt	Waste to energy project in Egypt	The Public-Private Partnerships (PPP) Central Unit of the Ministry of Finance (MoF)	International Finance Corporation (IFC)	Chemonics Egypt Consultants	<ul style="list-style-type: none"> Conduct technical, financial, market and environmental and social assessments Determine the life cycle cost (in terms of a leveled EGP/metric ton tipping fee) for different scenarios 	07/2012 – 12/2013

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No.	Location, Country	Project Name	Client	Source of funding	Prime consultant	Type of service	Project duration
						<ul style="list-style-type: none"> • Determine the viability of the Waste to Energy Project • Provide recommendations on project parameters; location of facilities, sizing and technology, minimum quality and quantity of waste needed, expected fee required by the private sector to perform these services 	