




**ECOTOPIA**  
Environmental Engineering Consultants





**ECOTOPIA Environmental Engineering Consultants (EEEC) is a professional consulting firm working with clients, communities, academic entities and governmental agencies.**

## **SCOPE**

We develop and implement innovative solutions for managing risks and environmental engineering challenges.

We design, build and assess existing projects and programs that unlock opportunities, protect the environment and improve our lives.

We connect expertise across services, markets, and geographies to deliver transformative outcome.



## Mission

**Worldwide we provide answers to Occupational Safety and Health (OSH), industrial and business risks and environmental engineering problems that insure safe workplace and clean environment and sustainable projects. We provide OSH training for different levels.**



# Vision

Healthy Environment

1

2

Rational use of  
Natural resources

Conservation of Energy

3

4

Clean and Renewable  
Energy

Corporate Environment  
Responsibility

5

6

Right Sustainable Life  
for all Creatures

# OUR CEO



## **Dr. Ayman Abdelwahab**

*PhD, MEng, Founder & CEO*

Designed, implemented and tested the efficiency of Integrated Environmental Management Systems (EMSs) for the United Nations Peacekeeping Missions in Lebanon and Central African Republic (CAR), Integrated EMSs were also designed, implemented and tested for the United Nations Development Program (UNDP).

The United Nations Interim Force In Lebanon (UNIFIL) was assessed-during the leadership of Dr. Ayman I. ABDELWAHAB, Environmental Management, Safety and Health Unit (EMSHU), The assessment revealed that UNIFIL occupied the first place ahead of 16 United Nations Organizations including the United Nations Environment Program (UNEP), World Bank, FAO and other Peacekeeping Missions and UN Offices, UNIFIL was awarded the Golden Medal for that achievement.

Dr. Ayman ABDELWAHAB was awarded the Cedar Shield by UNIFIL Force Commander and Head of Mission for the same reason.



# Our CEO

- The assessment result was issued in a report: "Survey results-Level of Implementation of the Environmental Management System Milestone Framework" by "the Sustainable United Nations Facility" based in Geneva, in 2015-05-29.
- Conducting an Environmental Impact Assessment (EIA) for connecting the two camps of UNIFIL-located in Naqoura Southern of Lebanon- by a high voltage cable. A report was prepared summarizing the outcome of the EIA and was distributed on the UN HQ and other UN Peacekeeping Missions for guidance.
- Design and building a heavy metal reduction system for the removal of Arsenic, Selenium and Vanadium from industrial liquid waste at Nicholas Environment Laboratory of Stevens Institute of Technology/USA.
- The design and construction of a full-scale system for the reduction of Iron and Manganese from ground water extracted to be used as potable water at Tahanoab/Qalubiya Governorate/Egypt.

# Services

## Design and conduct integrated Occupational Safety and Health (OSH) programs

OSH programs are tailored to suite each industry or activity. We prepare and deliver training modules that cover the whole spectrum of Occupational Safety and Health for any entity. We also provide institutional support in this regard.





# Services

The background of the slide is a photograph of an industrial facility. It features several large, horizontal pipes, some of which are wrapped in orange insulation. The pipes are supported by a complex network of metal walkways, railings, and structural beams. The sky is visible in the upper right corner, showing a clear blue color. The overall scene is a detailed view of industrial infrastructure.

## Quantitative and qualitative Environmental Risk Assessment studies (ERAs)

An ERA study allows us to assess the likelihood of a project to cause harm to humans or environment. This include describing potential hazards and impacts before taking precautions to reduce the risks.



# Services

## **Environmental Impact Assessment Studies (EIA)**

An EIA is a process of evaluating the likely environmental impacts of a proposed project or development, taking into account inter-related socio-economic, cultural and human-health impacts, both beneficial and adverse.





# Services

## Implementing Environmental Management Systems (EMSs)

An EMS refers to the management of an organization's environmental programs in a comprehensive, systematic, planned and documented manner. It includes the organizational structure, planning and resources for developing, implementing and maintaining policy for environmental protection.





# Services

## **Preparing Environmental Compliance Plans (ECPs) and Correction of irregularities for industrial and touristic facilities and other economic activities**

To officially institute best practice measures that would prevent, control and mitigate the environmental degradation that may arise from a project.



# Projects



## Hesny Textile Company

Environmental Risk Assessment Study was conducted at Hesny Textile factory.





# Projects



## Life Chemicals Group (Belbais Facility)



Occupational Safety and Health (OSH) programs were designed and implemented for Life Chemicals Group at the belbais facility.

# Projects



## Life Chemicals Group (Suez Facility)



Occupational Safety and Health (OSH) programs were designed and implemented for Life Chemicals Group at the Suez facility.



# Projects



## Life Petrochem Tank Terminal



Environmental Impact Assessment and Environmental Compliance Plan are now being conducted for Life Petrochem tank terminal in adabeya port in suez.

# Projects



## New Horizon Tank Terminal

Environmental Impact Assessment is now being conducted for New Horizon Tank Terminal in West port-said Port in Port-said.







**THANK YOU**



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