

The image shows a desert landscape at sunset. In the foreground, the silhouettes of two camels are visible, one on the left and one on the right. The sun is low on the horizon, creating a bright orange and yellow glow. In the background, the silhouettes of several pyramids are visible against the sky. The overall scene is a classic representation of an Egyptian desert.

Engineering Without Borders Egypt

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Egypt at a Glance



Egypt is one of the most populous countries in [Africa](#). Due to the dry climate of Egypt, population centers are concentrated along the narrow Nile Valley and Delta, meaning that approximately 99% of the population uses only about 5.5% of the total land area



Egypt at a Glance



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EWB-Egypt– Who are we?

- Engineers
- Non Engineer Professionals
- Technical Students

Our Vision

- Promote environmental awareness;
- (ii) Encourage engineers, other professionals and engineering students to get involved with EWB-Egypt to aid the environmental, social and economical issues of the communities in Egypt; and
- (iii) Establish a cooperative relationship with government officials.

Our Mission

To provide productive development with the use of today's technology to help the social and economical aspects of Egypt, while maintaining the natural resources with a non-profitable agenda

Goals

- To grow the upcoming year and provide more services to the people of Egypt.
- Sustainable development to the needy people.
- Education to young professionals and students using e-learning and visits from developed countries

History of projects

- EWB- Egypt conducted three main projects in the past
- 1- the Black Cloud
- 2- The bird flu Awareness Program
- 3- Environmental Awareness

Normal conditions



Black Cloud



A cloud of haze hanging over Cairo.

Causes

- **Burning of Rice Straw**
- **Factory Emissions**
- **Automobile Emissions**

Rice Straw



Sustainable Solutions

- Relocating
- Manufacturing/Construction
 - Pulp/Paper Mills
 - Fiberboard
 - Bale Buildings
- Environmental Mitigation/Compost
 - Erosion Blankets
 - Bales & Loose Straw
 - Compost/Fertilizer
- Livestock Utilization
 - Animal Feed
 - Bedding
 - Export

Second project: Bird Flu

- A group of members visited hospitals and local school and educated people and the public about the bird flu Virus H5N1
- Due to the lack of education people were getting sick and even die.

Current Challenges

- The busy load of working engineers makes it hard to move projects ahead
- There is a quite a few people are seems very interested in our work and services, however, after spending month with email and phone calls they get busy or not interested.
- Dealing with government officials
- Corruption

Current Challenges

- Budget ??
- Communications and documentation
- People behavior

Solutions

- The organization is trying to attract more young people and have more of a family network.
- Having function at universities to attract more volunteers.
- Sending donations letter to big companies with a mission and vision statement and ask them for support.

Solutions

- Monthly meeting with other EWB-I countries
- Commitments
- Money is out there... just get out and get it.
- Learn from our mistakes in the past

What is next

- From International – Global
- One world. One life , same destination

The End

Thank You!!