



SHAGARA

COMMUNICATION OF ENGAGEMENT

2016-2018

RENEWALE OF COMMITMENT TO THE PRINCIPLES THE UN GLOBAL COMPACT NETWORK

I am pleased to confirm that Shagara supports the ten principles of the UN Global Compact with respect to human rights, labor, environment and anti-corruption. With this commitment, we express our intent to support the Global Compact advancing these principles, and will make a clear statement of this commitment to our stakeholders and the general public.

We also pledge to participate in and engage with the UN Global Compact in the following way(s):
Proposing partnership projects on corporate sustainability and engaging companies in Global Compact-related issues; specifically, those related to compacting global warming and achieving a positive social impact.

Sincerely yours,



Mohamed Abdel Samad

Executive Chair

ACTIONS TAKEN BY SHAGARA TO SUPPORT GLOBAL COMPACT PRINCIPLES

Shagara mainly takes action on the environmental and social aspects.

ENVIRONMENTAL

SHAGARA AT SCHOOL INITIATIVE IN AL QANATER

Shagara still support its School initiative. It involves planting indigenous plant species and installing rooftop farms in Egyptian public schools in order to achieve the following objectives: Offset global warming and air pollution, raise environmental awareness and last but not least mitigate poverty.

The pilot project that was first launched in 2013 is still maintained and functional until now. The project serves 300 students on a yearly basis, on which workshops that raises environmental awareness of the students are held.

Further, the project in the school has expanded to its surroundings, where tree and flower seedlings that exceeds the school's need are used to increase the green space in the school's neighborhood.



FIGURE 1 STUDENT WORKSHOP AT SHAGARA AT SCHOOL INITIATIVE

COOPERATION WITH ENGINEERING DEPARTMENT OF THE EGYPTIAN MINISTRY OF EDUCATION

Shagara has cooperated with the Engineering Department of the Egyptian Ministry of Education on reducing new schools' environmental footprint and cost. It included employing greener materials, passive designs, green roofs and recycling the grey water produced by the school.

GREEN MATERIALS

Shagara has acquired expertise in the use of greener materials like palm reeds and rammed earth. These materials are not only greener, however, they are also labor intensive therefore, contribute to the creation of more jobs.



FIGURE 2 RAMMED EARTH AND PALM REED LANDSCAPE CONCEPT

ENGAGEMENT WITH YOUTH MOVEMENTS AND INTERNATIONAL ORGANIZATIONS ON ENVIRONMENTAL MATTERS

Shagara is always engaged with youth movements and international organizations like the Goethe institute in Cairo, Youth Think Green, AFS, and World Bank, The World Economic Forum and Al-Gore's climate reality project to promote environmental issues. Activities involves climate change policy mitigation policy to simple tree planting in communities.



FIGURE 3 SHAGARA CO-FOUNDER, MOHAMED ABDEL SAMAD, DURING THE WORLD ECONOMIC FORUM IN AFRICA

SOCIAL

PILOTING GREEN ROOF CLASSROOMS TO REDUCE CLASSROOM DENSITIES IN EGYPTIAN PUBLIC SCHOOL

Egyptian public schools are known to suffer from high student densities. Usually classrooms that are designed to accommodate 20-25 student hold 80-100 student. This radically reduce the teaching experiences and quality. Meanwhile, schools have a lot of unutilized areas on its rooftops that can be adapted to for use as a classroom. In 2017 Shagara has donated a green roof for a public school that can be used as an open classroom. The feedback received is extremely positive and Shagara is currently in talks with the Egyptian Ministry of Education to apply the concept in more schools.



FIGURE 4 GREEN ROOF CLASSROOM DONATED BY SHAGARA

OUTSOURCING MATERIALS AND LABOR FORCE FROM MARGINALIZED COMMUNITIES
To promote social justice Shagara sources its materials from marginalized communities, like the palm reed community in Giza. It also provides them with some training to improve their productivity to ensure a smooth supply chain for Shagara.



FIGURE 5 PALM REED CRAFTSMAN

MEASUREMENTS OF OUTCOMES

ENVIRONMENTAL

OFFSETTING CARBON EMISSIONS

Shagara's activities has led to offsetting carbon emissions as a result of vegetation's effect as a carbon sink and employing materials with lower carbon footprint.

INCREASING ENVIRONMENTAL AWARENESS

300 students are exposed on a yearly basis to Shagara at School project in Al Qanater.

This exposure in addition to the workshops increases the awareness of the students regarding several environmental issues and the importance of vegetation.

SOCIAL

INCREASING THE INCOME AND PRODUCTIVITY OF PALM REED PRODUCERS

Including marginalized palm reed producers in Shagara's supply chain has contributed to increasing their income and productivity.