



Goal 2 – Zero Hunger

Our Aim

2 ZERO HUNGER



Last Year Recorded

Worldwide: 207

Arab Country: 9

Egypt: 6

Our Progress through 20/21

We came up with a revolutionary solution based on restoring the soil's ability to fight salinization through utilizing live bacteria mixed with agricultural waste to enliven the inactive bacteria within Egyptian soil. Through multiple national and international collaborations, we developed a formula with an efficiency of 87% in restoring salt-damaged lands. We impacted 7 governorates in Egypt. We also positively influenced the lives of over 100 thousand individuals and raised over 1.1 million Egyptian pounds in revenue. We also helped raise incomes for unemployed agriculture engineers and increased the incomes of poverty-stricken farmers achieving the SDG of zero hunger.

We also participated in a big event in Port Said Governorate Diwan in the presence of cooperation parties of common interest; namely, Ministry of Planning and Economic Development, Ministry of Communication and Information Technology, Port Said Governorate, Civil Society Organizations, and a group of industrialists and businessmen in the Industrial Zone in Port Said. We presented a number of environmentally friendly projects related to the agricultural sector which is a cornerstone for achieving food self-sufficiency. In order to achieve SDG No.2, the meeting discussed projects related to the recycling of food waste, as well as projects to raise awareness of the Egyptian farmer about the dangers of climate change and its expected negative effects on: 1) decreasing the area of agricultural land due to erosion, 2) increasing rates of desertification and soil salinity, and 3) a decrease in the productivity of agricultural crops. This was in presence of one of the farmers in order to find out the most critical details and interests of the Egyptian farmer and his needs according to his priorities.



Policy

1. Actions Dealing with Student Hunger

a. Programs to help food insecurity

AASTMT has a partnership with grocery stores to give low-cost food for students in need.

b. AASTMT take steps forward to provide food bank for students in need

c. Food provided on campus

The university provides healthy, affordable, and sustainable food options for all students, workers, and staff, including vegetarians, vegans, and pescatarians.

2. Actions Dealing with National Hunger

a. Events provided for local farmers

Agriculture is the single largest employer in the world, providing livelihoods for 40 per cent of today's global population. It is the largest source of income and jobs for poor rural households. Women comprise on average 20 per cent of the agricultural labor force in Egypt. This is why at AASTMT we care about the local farmers (including women) and producers, one of the events that we assure to make is visiting the agricultures and give them a better medium to start their journey into the big industry, give them support, safety, and a medium where they can excel.

b. Helping local farmers gaining access to knowledge and skills

Our mission is to connect with the local farmers (including women), understand the hardship they are facing and the health issues that are straining them from having a healthy life. Our insight is to understand the constraints they may face while working in agriculture. The problems that they face are our goals to solve. We ask them to elaborate more on the issues they have. We consult some experts as a nutritionist, gynecologist, and an official expert in agriculture to discuss the complaints of the farmers and suitable solutions are elaborated. We also give them food security knowledge, skills, and technology.

c. Providing local farmers an access to our facilities

Together, working hand in hand provides a roadmap for day-to-day operations. That's why we started to take a crucial step into creating a medium between the agricultures and AASTMT. On campus, we grow the Moringa which is a fast-growing, drought-resistant tree. Such plant has a really high demand from the pharmaceutical companies because of its amazing usages and benefits. It has the ability to increase the protein in milk by 30%. We want to help our local community. We couldn't find a better way to support them so we supply them with a sufficient amount of the moringa on a frequent basis. We explain to them how to plant, harvest, and take care of the plant itself. We also give them our past experience with planting the moringa.



Sustainable Development Goals Arab Academy for Science, Technology and Maritime Transport

Adding to that we offer them organic plant pots that the team of Enactus AAST Port said produced on campus. This plant pot is organic, and only uses the agriculture waste so it can also be used as a fertilizer for the soil. Moreover, we offer them the suitable facilities that they will need so they can get all the resources from campus.

d. Prioritizing purchase of our products from local farmers

We have an agreement where we buy our food on campus from the local farm that we have a partnership with. We buy from them rice and we signed an agreement to buy other organic vegetables on the long run.

