

# OUR IMPACT

- 120** Active members.
- 19300** Working hours.
- 8500** Directly impacted.
- 250,689** Indirectly impacted.
- 259,189** Lives changed.
- \$5,476,980** Total revenue in one year.

## SDG'S



# CHITO-SHRIMP

ENACTUS EGYPT



SPONSORED BY



PROJECT PARTNERS



# ANNUAL REPORT 2020 —



## OVERVIEW

Qaroun lake, one of the oldest natural lakes in the world, is the most important source of shrimps in Egypt, as it contributes with **55%** of the total national production. For decades, this lake has been a vital source of income for thousands of fishermen and also a vital source of irrigation water for the surrounding agricultural lands.

## TAKING ACTION

### WASTE REDUCTION & RECYCLING 1

- The entrepreneurial approach started by producing organic spices from shrimp wastes instead of throwing or burning them.
- Established **100** spice production units to produce **100%** natural spices.
- Produced an organic fertiliser from shrimp wastes named Chitosan.
- Recycled **53 tons** of shrimp waste.

### CREATING A SUSTAINABLE, AUTO-MARKET, SELF-SUFFICIENT ENTERPRISE 2

- Established **8** educational hubs to teach fishermen the shrimp cultivation process.
- Established **20** shrimp farms to double the shrimp production.
- Partnered with **Kellogg's** to scale our spices' national and global distribution.
- Contracted with **HandInHand** Company in Belgium to continuously import our chitosan fertiliser.

### BUILDING HUMAN CAPITAL 3

- Empowered the fishermen and farmers with a training program in business ethics to develop a human centered project.
- Educated **800** women with literacy classes and hired them in managerial positions.
- Enrolled children back into school.

### EXPANSION AND SCALING UP 4

- Expanded our entrepreneurship and production hubs to **3** more villages.
- Partnered with **AMAZON** to expand our network internationally.
- Expanded our acquired know-how to another African country; **Mozambique**.

### COVID19 RESPONSE 5

- Innovated a mask that includes our chitosan nanoparticles to protect **5000** doctors and nurses from **CORONA VIRUS**.



## SEEING OPPORTUNITY

- The lake's shrimp production decreased to **10%** due to the disposal of shrimp wastes into the lake which polluted the water.
- The number of operating fishing boats decreased from **1500** to only **50**. Hence, more than **4000** fishermen became unemployed and had to immigrate.
- **800** women had to work for only **40** cents a day.
- The contaminated lake water affected the productivity of the surrounding farming lands, causing **1400** farmers to become unemployed.
- Children had to drop out of school to work and sustain their livelihoods.
- **55%** of the families were under the poverty line.

## ENABLING PROGRESS

### HUMAN

- **4100** fishermen were educated on career and financial enhancement.
- **1400** Farmers were educated on land reclaiming.
- **800** women empowered.
- **670** job opportunities created.

### SOCIAL

- **1310** children saved from child labor.
- **8500** individuals alleviated from poverty.
- Established **3** global, **4** local and **3** governmental partnerships.
- Partnered with **3** Egyptian Ministries.

### NATURAL

- **53** tons of shrimps waste recycled.
- **15** types of fish appeared survived in the lake.
- **1050** acres of lands reclaimed.
- Saved the marine life by reducing bacteria rates.

### PHYSICAL

- **4800** fishermen were given access to **100** spices production units.
- **80** fishermen were educated on building **20** shrimp farms.
- **1400** farmers were given the access to **3** chitosan production.

### FINANCIAL

- **\$2,300,450** are saved annually.
- **\$5,476,980** generated in revenue.
- **320%** increase in the beneficiaries income.