# **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

























**SPONSORED BY** 



**PROJECT PARTNERS** 





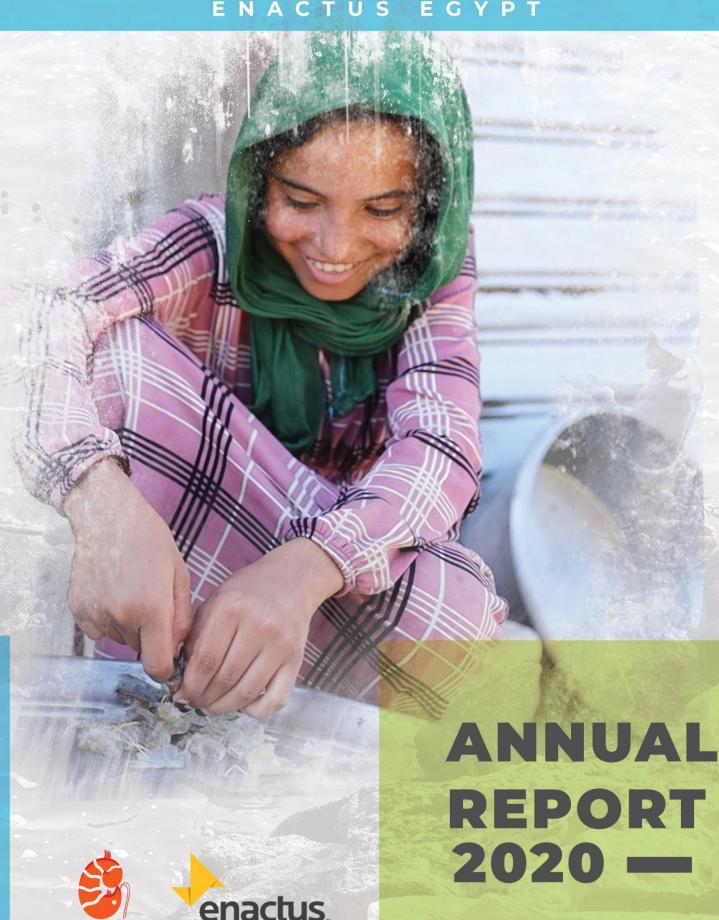








# CHITO-SHRIMP



#### **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**

- 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

- 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

- 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**

- 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**

■ Innovated a mask that includes our chitosan nanoparticles to protect **5000** doctors and nurses form **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**

# IUMAN 4

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

#### NATURAL N

- **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 (S)

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