



Introductory guide

REVIVE

G A Z A

النهضة

مشروع ترميم وإنقاذ القطاع الزراعي في غزة









Restoration and rescue of the agricultural sector in the Gaza



THE GLOBAL
CAMPAIGN
TO RETURN
TO PALESTINE



Campaign Summary

Campaign Name	Campaign to Restore the Agricultural Sector in Gaza– First Stage
Target Name	Affected farmers in the Gaza Strip
Campaign Outputs	<ul style="list-style-type: none"> ● Rehabilitate 1,500,000 square meters of agricultural land <div> Plant 600,000 vegetable seedlings Plant 32,000 fruitful trees Plant 500,000 square meters of fodder grains </div> <ul style="list-style-type: none"> ● Extension of main subsidiary irrigation networks over 400,000 square meters ● Restore 100 agricultural ponds ● Restore 100 agricultural plastic homes ● Compensate 100,000 broiler chicks ● Compensate 50 destroyed fishing nets ● Compensate 1,000 destroyed beehives ● Document the campaign into a film
Number of families directly targeted	1,950 families supporting more than 12,090 people
Alignment with the Sustainable Development Goals	       
Required Budget	950,072 USD
Time Period	12 Months

About the Arab Group for the Protection of Nature (APN)

The Arab Group for the Protection of Nature was established in **2003** as an independent, non-profit organization that seeks to enhance the ability of Arab communities to sustain their natural resources and devote their sovereignty over them, especially countries under occupation and those affected by conflict while working to mobilize the efforts of civil society organizations towards Arab communities and global environmental issues and collaborate in their favor.

APN seeks to:

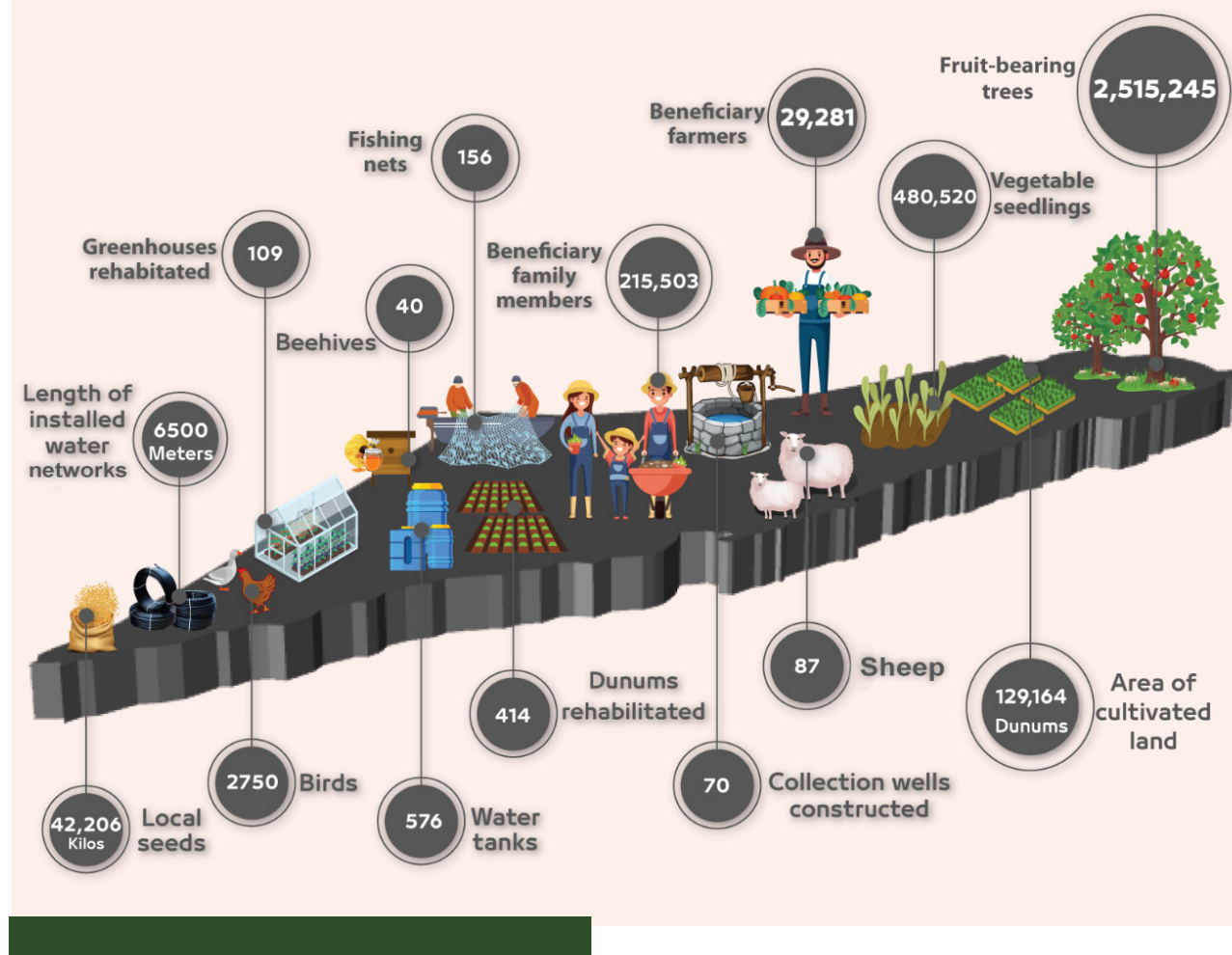
- 🌱 Contribute to the rehabilitation and sustainability of natural resources in the Arab regions affected by wars and conflicts, specifically in Jordan and Palestine.
- 🌱 Influence the formulation and implementation of relevant global environmental policies and enhancing the role of civil society bodies through effective institutional partnerships.
- 🌱 Support and encourage individual and group efforts of civil society with their roles in responding to the requirements of Arab and global environmental issues.
- 🌱 Structure the institutional capacities of APN and enable it to achieve its mission with the highest level of professionalism, effectiveness, and institutional sustainability.

APN plan consists of four basic programs, the **Million-Tree** Program in Palestine, the Green Caravan Program in Jordan, the Food Sovereignty Program to influence local, regional and international agricultural, food, and environmental policies, and the “If You Only Knew” Campaign, which raises awareness in schools, universities, and other institutions.

The Million Tree Program

To stand against these policies and the colonial settlement scheme threatening the Palestinian agricultural sector, the founders of APN launched the **Million Tree Program** in 2001 to replant fruit trees. In cooperation with its partners, APN managed to so far plant **2,515,245** olive, citrus, nut, and other types of trees in Palestine across **129,164,000** square meters.

Achievements of the million tree program from 2001 to 2020



Campaign Background

With its latest aggression on the Gaza Strip that took place in May **2021**, the Israeli occupation deliberately not only targeted innocent people and their homes but also bombed and destroyed agricultural infrastructure and lands along the border areas in systematic and malicious efforts to starve the Gaza Strip, whose large number of residents depend on farming and agricultural production in addition to small income-generating projects consisting of female-headed households.

The recent aggression has threatened nearly **20,000** farmers in the Gaza Strip, about **95%** of whom are small farmers whose land ownership ranges between **1,000** and **3,000** square meters, and they depend on family farming to compensate for the cost of production, noting that **5%** of farmers are female breadwinners.

Campaign Urgency

1- The Palestinian Ministry of Agriculture estimated the size of the losses and damages to the agricultural sector at a value exceeding **\$200** million up until the last day of bombing.

THE AGRICULTURAL SECTOR LOSSES ESTIMATION THE OCCUPATION AGGRESSION MAY 2021

DIRECT LOSSES AND DAMAGES

\$ 126,030,000

INDIRECT LOSSES AND DAMAGES

\$ 78,690,000

1

PLANTS PRODUCTION SECTOR



Field crops
\$ 2,493,000



Pesticides
\$ 2,200,000



Vegetables
\$ 43,750,000



Fruit trees
\$ 4,419,000



**Plant nursery
 whole damage**
\$ 200,000



**Seeding damage
 in the plant nursery**
\$ 700,000



**Planting
 areas fences**
\$ 33,000



**Adornment
 seedlings**
\$ 50,000



**Greenhouses, whole
 damage in the premise**
\$ 200,000



**Plants in
 greenhouses**
\$ 3,000,000



**Greenhouses, partial
 damage in the premise**
\$ 6,300,000



Planting holes
\$ 330,000



Fertilizers
\$ 1,500,000

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2

ANIMAL PRODUCTION SECTOR



**Egg
producing hens**
\$ 400,000



Sheep death
\$ 300,000



Cow death
\$ 300,000



**Sheep
and cows barns**
\$ 525,000



Milk
\$ 231,000



Bee hives
\$ 700,000



**Rabbits and house
birds deaths**
\$ 500,000



**Broiler
chicken**
\$ 4,000,000

3

FISH WEALTH



**Fish
farming farms**
\$ 1,500,000



**Fishing ships
and equipments**
\$ 500,000

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4

WATER SECTOR



Solar energy
\$ 350,000



Agricultural ponds
\$ 320,000



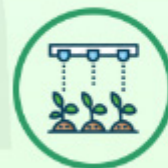
Agricultural wells
\$ 700,000



Overhead water tank
\$ 49,000



Conveying water lines
\$ 490,000



Watering networks
\$ 45,000

5

PREMISES AND MACHINES



Agricultural roads
\$ 440,000



**Machinery
 and Farming equipments**
\$ 500,000

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 PALESTINE**
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2- Losses in the agricultural sector, according to the initial report on the damages in the May 2021 war, based on the geographical distribution of governorates are as follows:

- **Death of 977,433 broiler chickens**
- **Destruction of 13,800,000 square meters of land cultivated with exposed or protected vegetables, which is more than 25% of the whole area that is cultivated**
- **The destruction of 4,063 beehives, or more than 20% of the beehives in Gaza**
- **Burning and destruction of 2,725,000 square meters of land planted with field crops, or more than 17% of the whole area**
- **The destruction of 730,000 square meters of land planted with fruit trees**
- **The destruction of 165 agricultural ponds**
- **Destruction and burning of 1,433,000 square meters of irrigation networks**
- **The destruction of 2,090 greenhouses, which is more than 17% of the number of greenhouses in the whole area.**



3- In addition to the recent aggression, Gaza is experiencing its fifteenth year under the weight of a continuous siege and repeated attacks by the Israeli occupation. This has led to the continued decline in living conditions and the economy has become in a state of severe collapse. Gaza's gross domestic product shrank by 6.1% in the first quarter of 2020, and the rate of unemployment reached 47%. This in turn contributed to the worsening of the economic reality in the Gaza Strip, and pushed more than half of the population into poverty, which reached 53% in 2017. (Palestinian Central Bureau of Statistics).

4- Farmers in the Gaza Strip are suffering from economic losses due to the great destruction inflicted on their lands.

5- The farmers' lack of financial ability to restore what was destroyed by the aggression on the agricultural sector.

6- High levels of food insecurity and a decline in the agricultural sector's contribution to the GDP.

7- The high rate of unemployment and the decline in the income of families, which negatively affects their ability to utilize their agricultural lands.

🌱 Appealing to the Ministry of Agriculture to intervene to save the agricultural sector and the food basket in the Gaza Strip.

🌱 External financing is not always in line with local needs.

Campaign Objectives

Based on the magnitude of losses suffered in the agricultural sector in Gaza, we present this vision of the project's first stage, which covers a small part of the losses, as a starting point for the consequent stages. This first stage will achieve the following objectives:

1. Contributing to the rehabilitation of the agricultural sector in the Gaza Strip.
2. Protecting the livelihoods of Gaza's farmers, who depend on farming to feed the 2.5 million people of the Strip, which has been besieged for 15 years.
3. Preventing the collapse of the food system in Gaza, especially after the occupation targeted all its components and props (plants, animals, fish, water).
4. Establishing projects that achieve sustainable benefits, prove farmers' steadfastness, and do not stop at temporary relief with temporary and limited impact.
5. Enhancing food security for affected families and contributing to achieving self-sufficiency in some crops.
6. Providing job opportunities and additional sources of income for farmers' families.
7. Enhancing water security and raising the efficiency of water use.

During the implementation of the first stage, we will carry out evaluations of all activities, and this will provide a coherent vision for the other stages of the project, in addition to:

- A. Identifying losses and actual needs based on fieldwork.
- B. Building the abilities of people to be able to complete all stages of the project.

Target groups

The farmers will be selected in coordination with the Ministry of Agriculture in the Gaza Strip, according to damage assessment reports and locations given priority.

The following factors are considered:

- 1- The average income of families (whether they are of low income or suffer from unemployment).
- 2- Families headed by women.
- 3- Families incurring university tuition.
- 4- Families caring for members living with a disability.

Direct Outputs

Rehabilitation of **1,500,000** square meters of agricultural land.

Planting



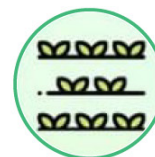
32,000

fruit trees



500,000

square meters of fodder grains



600,000

vegetable seedlings

Extension of main and subsidiary irrigation networks on an area of **400,000** square meters.

Restoration



100

greenhouses



100

water reservoirs



Compensation



1,000

destroyed beehives



100,000

broiler chicks



50

destroyed fishing nets

Campaign Outcomes

- 🌱 Securing more than **1,000,000** kilograms of various vegetables to be produced in open and protected settings, at a production rate of **5,000** kilograms of vegetables per farm. (This item, if achieved, will provide an economic return of at least **\$200,000**).
- 🌱 Securing more than **960,000** kilograms of fruit with a production of **30** kilograms of fruit per tree. (This item, if achieved, will provide an economic return of at least **\$480,000** annually after the third year of cultivation).
- 🌱 Securing more than **75,000** kilograms of fodder at a rate of **150** kilograms per farm.
- 🌱 Providing and breeding **100,000** chickens for the local market, at a rate of **180,000** kilograms of meat (this item, if achieved, will provide an economic return of at least **\$440,000**).
- 🌱 Producing **10,000** kilograms of honey annually so that one beehive produces an average of **10** kilograms annually. (This item, if achieved, will provide an economic return of at least **\$100,000** annually).
- 🌱 Providing **48,000** cubic meters of water, which will irrigate tens of kilometers of agricultural land.
- 🌱 Increasing the irrigation efficiency of **500** farms.
- 🌱 Providing **700** permanent and temporary job opportunities for the implementation and sustainability of projects.

Main Activities of the Campaign

Campaign preparation

Preparing the general campaign manual that contains the basic projects documents and includes:

- 🌱 Technical specifications for projects activities and components
- 🌱 Contracting procedures with suppliers
- 🌱 Mechanisms for documenting the projects on stages.
- 🌱 Draft supplier contracts

Organizing workshops to introduce the campaign to the concerned parties.

Selecting campaign partners from farmers' organizations, NGOs, and municipal councils.

Forming committees from municipal councils and civil society organizations to participate in all phases of the campaign according to their specializations.

Identifying beneficiaries

A survey of the areas most affected and in need of projects in coordination with the Ministry of Agriculture in the Gaza Strip.

Selecting the beneficiary farmers (for all campaign activities) based on the final criteria.

Inventory of the required quantities and their types for the various target locations in coordination with the committees.

Specifying suppliers

- Coordinate with the Palestinian Ministry of Agriculture in order to recognize licensed suppliers.
- Publish bids for the various project components in the official gazette and send them to suppliers according to the final campaign manual.
- Project staff accompanied by a specialist from the Ministry of Agriculture will visit the suppliers to verify the quantities and check their compliance with the technical specifications.

Implementation

- Visit the targeted sites and ensure their readiness.
- Arrange with farmers and suppliers to receive supplies in a timely manner based on a clear schedule.
- Coordinate with voluntary bodies to hold a number of events to implement the campaign in participation of university students and the local community in the presence of various media outlets if possible.
- Agree with contractors regarding the restoration of agricultural ponds.
- Coordination for the installation of water irrigation networks in the targeted areas.

Media

- Collaborate with a company to produce a documentary film about the campaign achievements.
- Prepare and implement a social media strategy to raise awareness about the campaign and its importance.
- Communicate with specialized companies to print media material (t-shirts, posters).

Work Plan:

Activities	Tasks	Months											
		7	8	9	10	11	12	1	2	3	4	5	6
Campaign Preparation	Prepare the general campaign guide												
	Organize introductory meetings for the projects and donors.												
	Pick projects partners												
	Form and train committees to participate in all project phases												
Identify Beneficiaries	Determine the most affected areas in collaboration with Ministry of Agriculture												
	Train committees to participate in the different project phases												
	Select beneficiaries												
	Determine the required quantities and types												
Selecting Suppliers	Identify authorized suppliers												
	Publish bids for the different components of the project												
	Visit suppliers to ensure quantities and conformity with the technical specifications												
Execution	Visit targeted sites and check their readiness												
	Delivery of supplies												
	Hold activities to implement the projects												
	Construction of wells												
	Conduct meetings with beneficiaries to ensure objectives are met and provide them with advice												
	Come up with proposals and solutions to continuously improve the campaign's performance												
	Prepare administrative and financial reports for the various stages of the campaign												
	Conduct site visits after implementation												
Media	Produce a documentary film about the campaign's achievements												
	Print media materials for the project (t-shirts and posters)												
	Prepare and implement a social media strategy												

Campaign Management and Evaluation Mechanisms

1. Forming a committee representing farmers, the Ministry of Agriculture, and the local community to participate in all stages of campaign implementation, from selecting beneficiaries, opening bids, implementation, and evaluation.
2. Conducting visits to suppliers by the committee to inspect the required materials and their compliance with the technical specifications and available quantities and to ensure that they are received at the sites within the agreed specifications.
3. Conducting meetings with beneficiaries to ensure that objectives are met and provide them with proper advice.
4. Coming up with proposals and solutions to continuously improve the campaign's performance.
5. Preparing administrative and financial reports for the different stages of the projects every three months.
6. Conducting site visits after the completion of projects periodically for two years to ensure their sustainability.



Compatibility of the proposal with strategies at the national level

The Palestinian Ministry of Agriculture, in cooperation with the Food and Agriculture Organization of the United Nations, worked for the first time to issue a strategy for the agricultural sector under the title “A Common Vision,” which was prepared by all stakeholders, including experts, specialists, and civil society organizations. This strategy came from a set of sectoral and cross-sectoral strategies that formed the general national plan adopted by the Palestinian Authority to overcome obstacles imposed by the Israeli occupation.

Compatibility with the Sustainable Development Goals



The proposal effectively contributes to achieving the Sustainable Development Goals:

-  The first goal (the eradication of poverty), the eradication of poverty in all its forms, remains one of the greatest challenges facing humanity, and the residents of the Gaza Strip bear the greatest burden of it due to the continued aggression and siege imposed on them by the occupation forces. Within this proposal, APN is working to Achieve Objectives **1.1**, **1.2**, and **1.4** of the first goal, by reviving the destroyed projects, which will provide sustainable income for more than **610** families who lost their basic source of livelihood due to the recent aggression, in addition to providing income to more than **700** people from temporary jobs in the projects included in this campaign.
-  The second goal (the complete eradication of hunger), the right to food, is considered a basic human right. In the Gaza Strip, more than **75%** of the population receives aid in light of food insecurity and restrictions on economic and social growth. APN seeks to achieve the objectives **2.1**, **2.2**, **2.3**, and **2.4** through the cultivation of productive crops of fruit trees, vegetable seedlings, and fodder, in addition to providing the main inputs of broiler chicks, beehives, and fishing nets, ensuring agricultural productivity, income for small food producers, and sustainable food production systems.

- 

between the public sector (Ministry of Agriculture in Gaza Strip), the private sector (suppliers and contractors) and active civil society partnerships (implementation and voluntary participation).

Sustainability of the Projects

1- The project stems from the real needs of the farmers and is in line with the values and customs of the community, and this guarantees the success and continuity of the projects.

2- Providing technical advice to farmers to increase their ability to manage their lands in the future.

3- Committees represented by farmers and civil society representatives are involved in all phases of the campaign.

4- The field coordinator will make follow-up and evaluation visits in addition to interviewing beneficiary farmers.

5- Training and building the abilities of people involved in the different stages of the campaign

6- Involving civil society and project coordinators to disseminate knowledge and exchange experiences.

7- Evaluations of all phases of various projects will be conducted. This will provide a coherent vision that will help with launching consequent stages of the campaign and identify real needs based on fieldwork.



Bank Account

Account Name: ARAB GROUP FOR PROT OF NATURE

Beneficiary Bank Name: QUDS BANK,
Bethlehem Branch - Palestine

Dollar IBAN: PS88 ALDN 0484 1002 7820 4200 1000 0

Swift Code is ALDNPS22

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