



Union Aid Abroad-APHEDA



MA'AN Development Center

Results & Achievements:

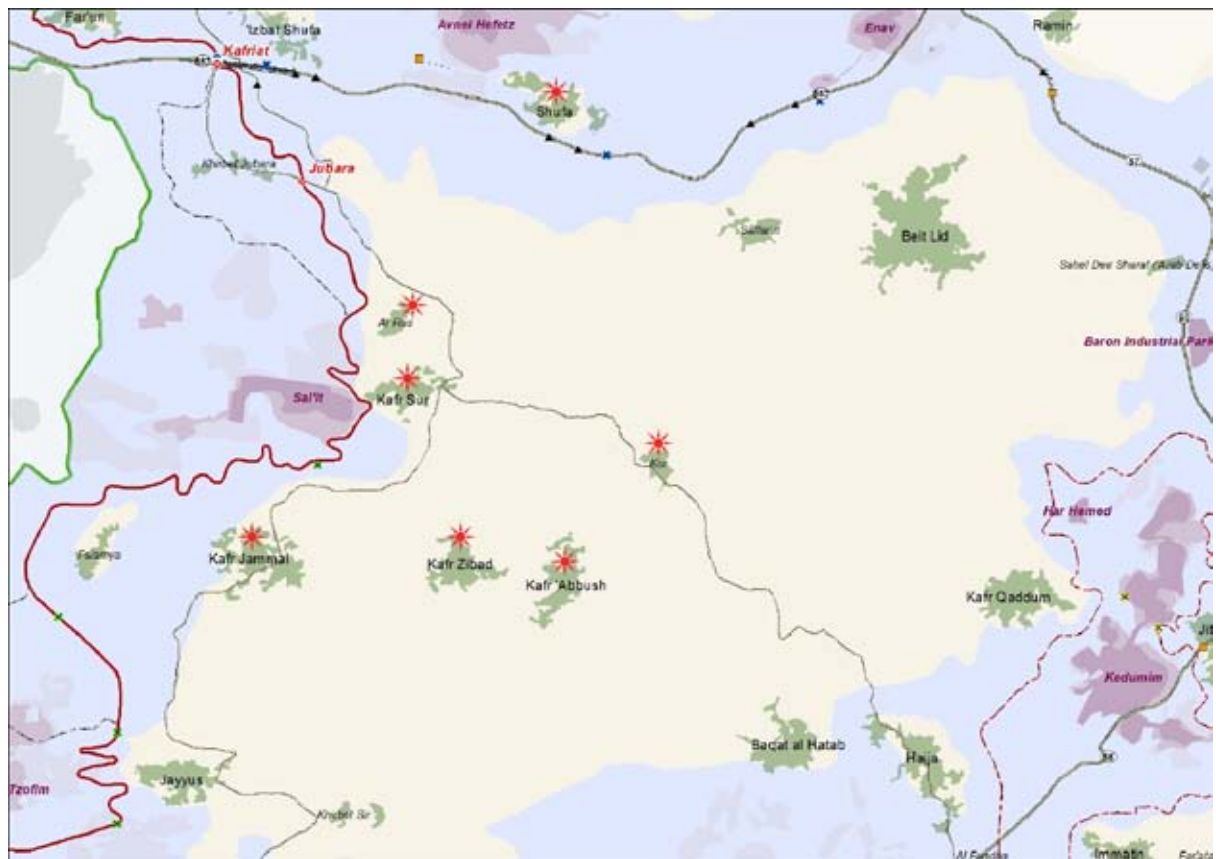
Years 1-5 (2009-2014)

AMENCA2:

Rural Livelihoods & Food Security Through Capacity Development

*Union Aid Abroad -APHEDA and MA'AN Development Center
Australia-Middle East NGO Cooperation Agreement Phase II,
supported by DFAT
Palestinian territories*

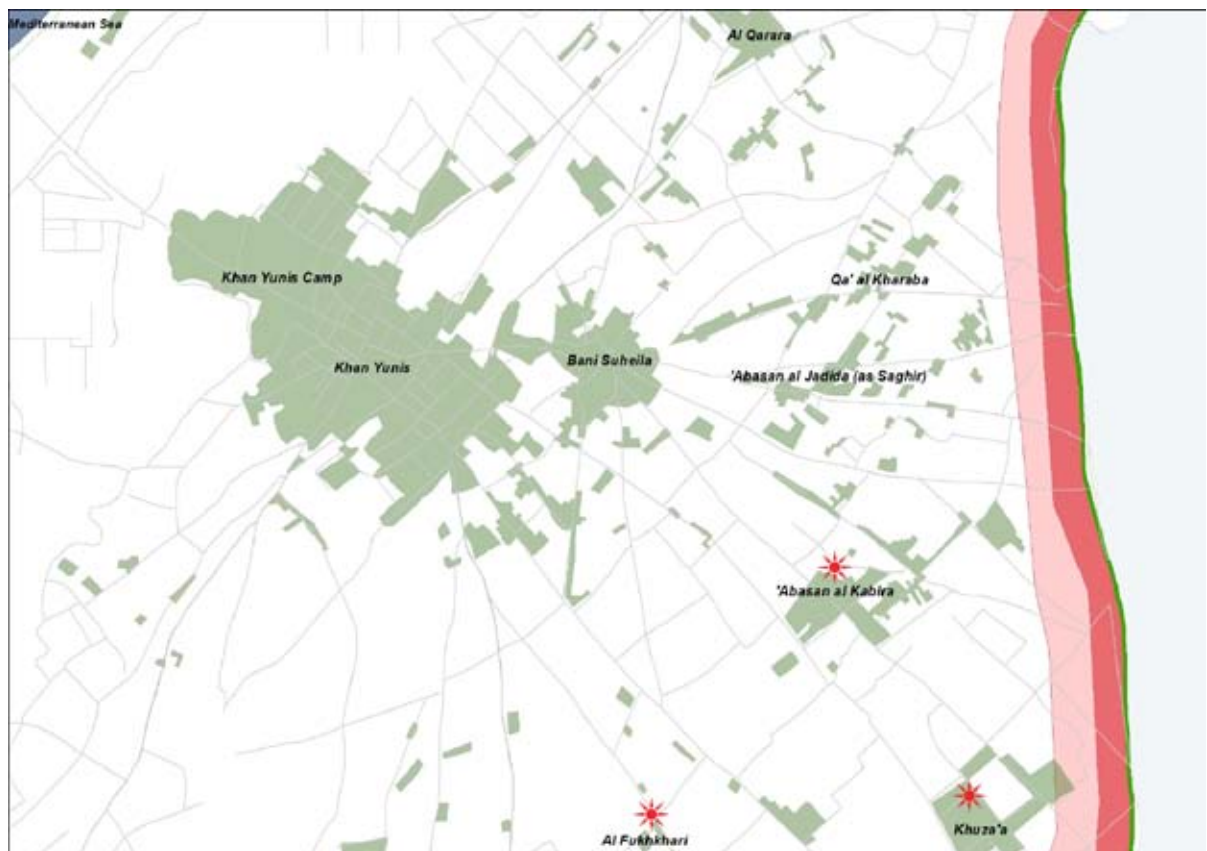
October 2014



★ West Bank - Tulkarem - project locations

— : The Wall

— : The Green Line



★ Gaza - Khan Yunis - project locations

■ : 500 Meter Israeli declared "No Go Zone"

■ : High Risk Zone

Component 1

This component focuses on reducing vulnerability and improving food security at the household and community level in ten villages in Tulkarem and Khan Younis. The main activities of this component are land rehabilitation, greenhouses, seasonal crops, cisterns and ponds, and animal husbandry units.

Household Level Interventions						
Activity (unit)	West Bank		Gaza Strip		Total (WB+GS)	
	Number of Units	Number of people	Number of Units	Number of people	Total (Units)	Total (People)
Increasing the size of cultivated land						
Land Rehabilitation (dunums)	796	247	727	267	1523	514
Land Ploughing (dunums)	330	58			330	58
Seasonal Corps (dunums)			1671	407	1671	407
Increasing the level of household food production						
Greenhouse (42 m ²)			80	80	80	80
Greenhouse (63 m ²)			72	72	72	72
Greenhouse (90 m ²)	85	85			85	85
Greenhouse (225 m ²)			33	33	33	33
Home garden (400 m ²)	59	59			59	59
Greenhouse Seedlings (dunums)			324	324	324	324
Greenhouse Maintenance (dunums)			250	250	250	250
Increasing the level of animal production						
Beehive units	429	143			429	143
Maintenance for beehive Units (empty boxes/checkmite strips)	213	154			213	154
Rabbit units			100	100	100	100
Hen units			115	115	115	115
Sheep units			93	93	93	93
Sheep pen maintenance	50	50	63	63	113	113
Integrated Interventions						
Integrated home gardens (42 m ² green house and a 21 m ² hen pen)			36	36	36	36
Improving access to water resources						
Cisterns (new), 70-80 m ³	204	204			204	204
Cistern (rehab), 70-80 m ³	49	49			49	49
Water ponds			26	26		
Water ponds maintenance			27	27	27	27
Encouraging good agricultural practices						
Olive farmer tools (unit)			62	62	62	62

Gender Analysis at the Household (HH)-Level Activities

Women's Participation in AMENCA2



Increasing Production in Local Communities

GAZA STRIP

Increasing farmers' production of staple crops such as cucumbers and tomatoes in the Gaza Strip has increased the volume and diversity of food available in three districts. The Gaza population is directly benefitting from increased agricultural production through diversification and improved availability of food, reduced prices and increased incomes for farmers.

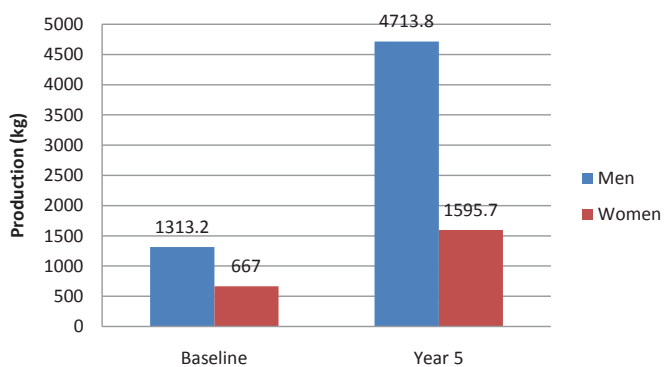
AMENCA2 tomato production contributed **7%** of the entire tomato production in the Gaza Strip (Year 4 est.)

The rehabilitation of 404 commercial greenhouses alone is estimated to have added an additional 1,484 tons of food to the annual food production of the Gaza Strip, with an estimated net value of AU\$1,815,175.

Mr. Manar Abu Mutlaq from Abasan Village stands in his rehabilitated commercial-scale greenhouse planted with tomatoes in Khuza'a in the Gaza Strip. To make an impact on food security and incomes in the Gaza Strip, the project supports large greenhouses, which increase the availability of food in the context of the economic blockade.

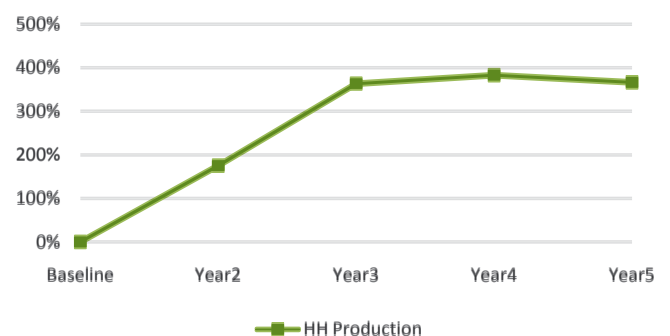


Farmers' food production in the Gaza Strip



The project supports farmers to increase their productivity and improve access to fresh food at the community level in Gaza.

Changes in household production of farmer beneficiaries in Gaza Strip (%)



Farmers increased their food production by almost 400 per cent between baseline surveys to Year 3.

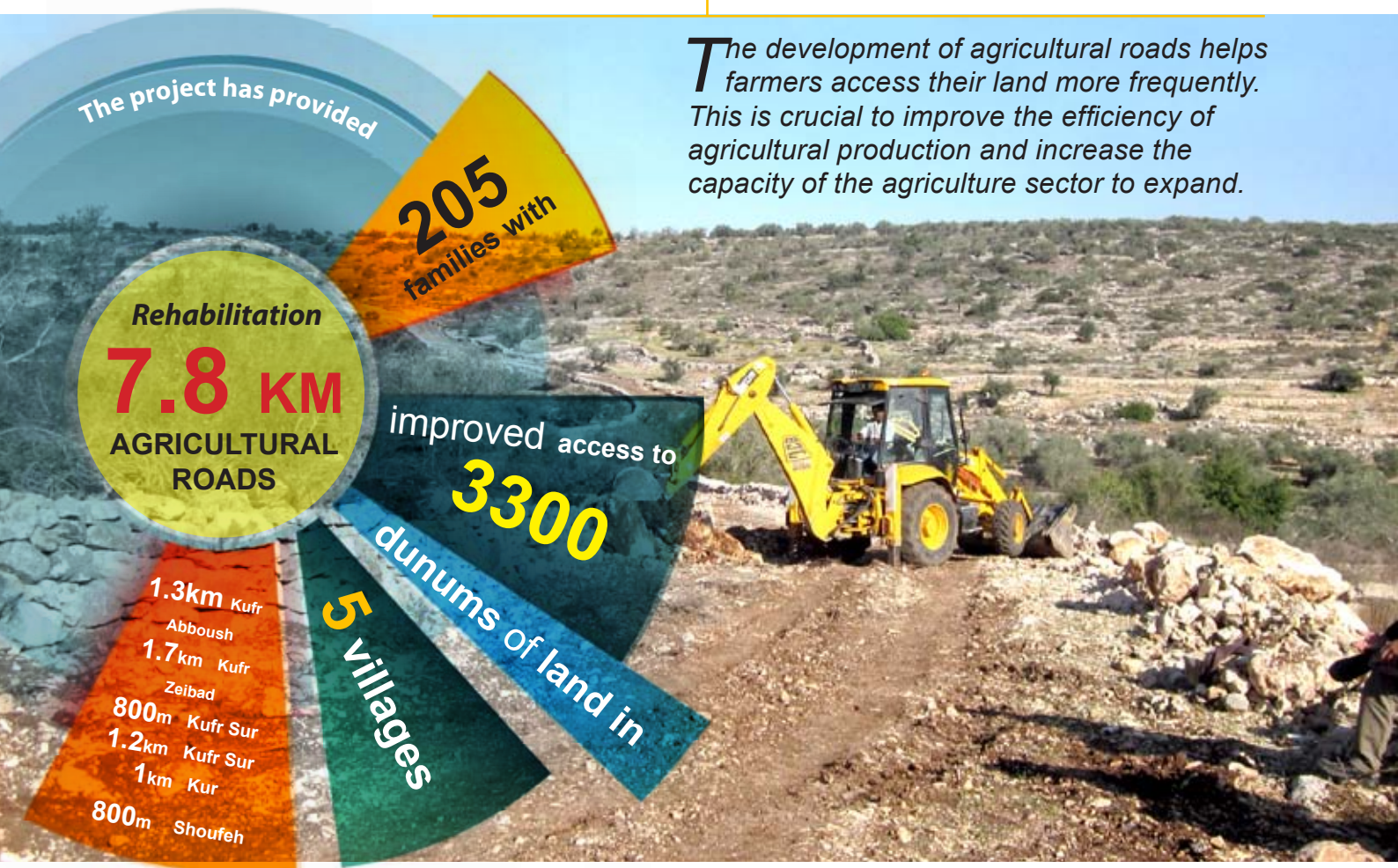


Community-Level Activities

West Bank

I: Agricultural Roads

The development of agricultural roads helps farmers access their land more frequently. This is crucial to improve the efficiency of agricultural production and increase the capacity of the agriculture sector to expand.



“It was a miracle that came true,” **Salman Bushnaq,** Village Support Committee (VSC) member from Kufr Abboush, referring to the road in his village that improved access to 1000 dunums of land

II: WATER Pipelines

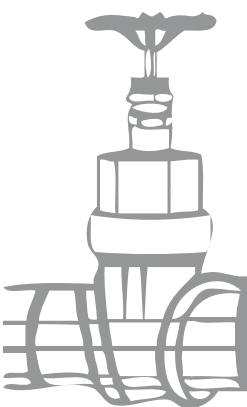
98 farmers

accessing water from 2090 metres

of pipelines in 2 villages

irrigating 1270 dunams of land

- Shoufeh Village 550m
- Kufr Jammal Village 1540m



III: Kur Village Reservoir Rehabilitation

Rainwater collection capacity enhanced for **300** people living in Kur.

- **4500**m³ of rainwater harvesting annually.

- Cost of irrigation water decreased by more than **75%**

Construction inside the reservoir



Animals drinking from the reservoir after rehabilitation



My sheep drink one cubic metre of water a day... the water for the sheep used to cost me 20NIS a day. Now, it costs me 3 NIS only. That is a substantial saving."

IV: Water Ponds

Water Control

enhanced for **27** farmers through the construction of Kufr Jammal Pond.

Problem:

Unreliable access to water reduced the quality and quantity of food farmers were able to produce

Intervention:

- Construction of **200m³** storage capacity

Pond located at an uphill above irrigated fields



Pipelines carrying water down to the fields



Results:

- Better management of irrigation timing and frequency.
- Improved quality of food produced.
- Decrease use of external water sources by 25%.
- Cost saving and increased income for farmers.

Before the intervention:

"The timing of irrigation was unpredictable... sometimes my plants would wait days without water".

After the intervention:

"The pond has made us feel more secure, it made our work easier".



Moqbil Salhab, Kufr Jammal Village

V: Other Activities WB & GS

OLIVE CAMPAIGNS

raising awareness among olive farmers, reached 698 farmers



Pea-Harvesting Campaign



02

CULTIVATING LAND



secluded by the separation barrier, plowed **300 Dunams** for **58** farmers.

01

03



AGRICULTURAL WORKSHOPS

with a special focus on women's training.

95 Workshops

- 400 hours
- **1446 women** and 823 men (total 3206 participants).

Component 2

Capacity building is the second component of this project and focuses on enhancing the capacity of community-based organisations (CBOs) to actively serve their communities and enhance active participation of women in decision-making for the communities. There are three major activities within this component: grants, training workshops and civic debates.

This component focuses on empowering women and enhancing women's role and status within their communities.

"As a member in the club, I can better communicate with youth and encourage their talents," Maha Abu Zaida, a female member in the General Assembly of Kufr Zeibad Club (a CBO benefiting from the program), explains. Maha is a teacher; she reports an improvement in communicating and empowering youth in her village through the membership of the club.



CBO Grants

*Income Generation
Community Service
Enhanced
Infrastructure*



**40
grants
for 11 CBOs**

Grants Included

- Women's Training Centre
- Agricultural Workshop
- Kindergarten Playground Rehabilitation
- CBO Office Furniture
- Women's Handicrafts & Embroidery
- Community Veterinary Service
- Sheep/Hen Units
- Media Centre
- & more

CBO TRAINING

*Administration,
Finance, Planning,
Management &
Communication Skills*



705
hours of
training

GS: 368 hrs
145 women
227 men

WB: 337 hrs
157 women
98 men

Civic Debates

Focus:
*Increasing Awareness
Community
Mobilisation*



1604
Participants
25
Civic Debates

Topics:

- Social Accountability
- Environmental Protection
- Inheritance Laws
- Gender Equality
- Parenting Skills

COMPONENT 3:



Childhood Recovery in the **Gaza Strip**

Improved psycho-social well-being of children and women in Gaza. This was a new component added to the project in 2013.

In early 2014, four playgrounds in the Gaza Strip were rehabilitated in:

1. Al-Bassah- central Gaza Strip
2. Al-Sadaqa- Khan Younis, south Gaza Strip
3. Al-Eskan Al- Abyad- Rafah, far south Gaza Strip
4. Al-Twam – Amer project area, Jabalia, north Gaza Strip



In just two months, 3300 girls and 3000 boys, including 69 children with disabilities, participated in community-based organisations (CBO) outdoor activities in the playgrounds.

This component also supported CBOs to improve their abilities to deliver safe child-friendly services:

- 16 CBOs provided direct emergency interventions in their communities and built CBO capacities to deliver child-friendly best-practice PSS.
- 64 CBO staff (four per CBO) completed 25 hours of training in child rights and child protection, delivered by professional trainers in PSS support and child protection.

MA'AN Permaculture Centre Beit Qad



MA'AN established the Beit Qad Permaculture Centre in 2013 with funding from AMENCA2 and additional support from the Kadoorie Charitable Foundation and the GEF Small Grants Program. The farm is built on four acres in the far north of the West Bank, and it produces food sustainably without chemical herbicides, pesticides or fertilisers. It also serves as a living learning centre for developing and demonstrating new and innovative strategies in sustainable farming, including water conservation, and for teaching these techniques to others.

The farm builds on the strengths of Palestinian farmers by modifying and improving farming methods already popular in the West Bank:

- Greenhouses
- Water ponds
- Apiculture

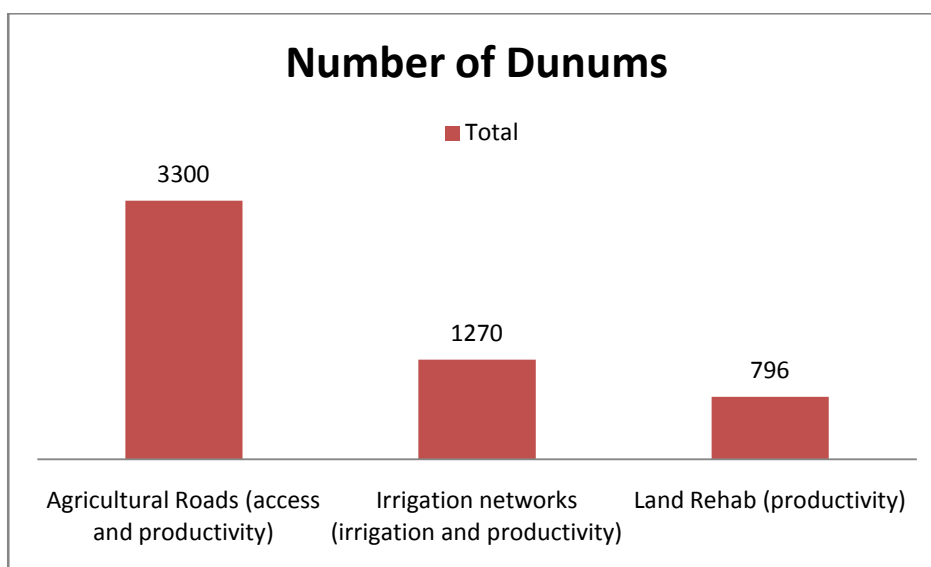
It also incorporates alternative methods from permaculture design:

- Swale systems
- Aquaponics
- Hydroponics



Key Achievements

I: Increase the productivity of land in the Tulkarem Cluster:



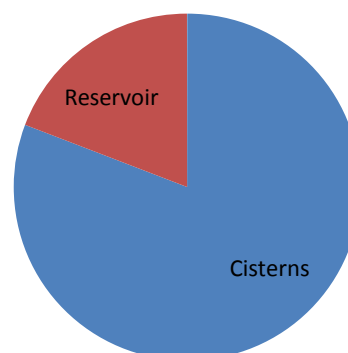
Number of Dunums with enhanced access/irrigation/productivity

Activity	# of Dunums with enhanced access/ irrigation/ productivity	% of total land in Kafryat
Land Rehab (productivity)	796	3.1%
Agricultural Roads (access and productivity)	3300	12.9%
Irrigation networks (irrigation and productivity)	1270	4.9%
Total	5366 Dunums	20.5%

AMENCA intervention has enhanced the productivity of 5366 Dunums in the Tulkarem Cluster, representing **20.5%** of land.

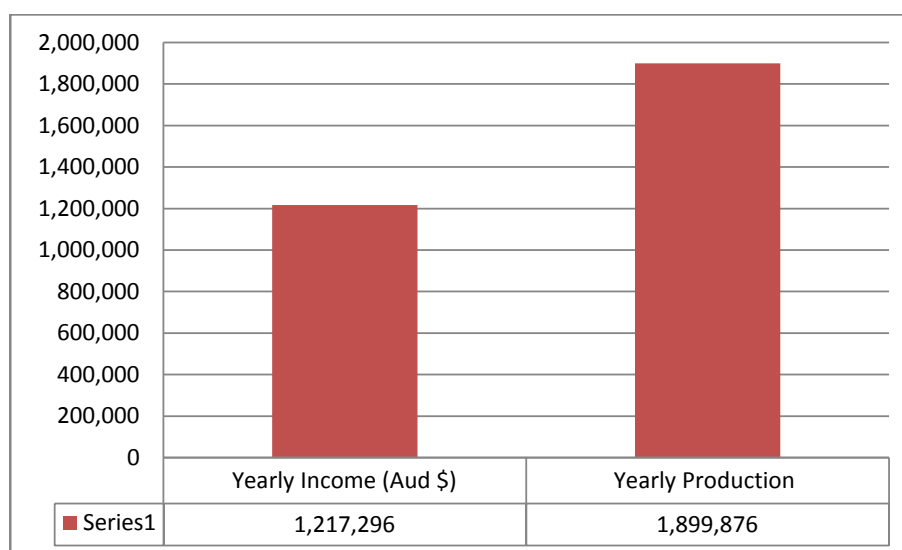
II: Increase in Harvesting from rainwater:

Activity	Yearly rainwater harvest (m³)
Cisterns	18,975
Reservoir	4,500
Total	23,475



Rain Water Harvesting

III: Increase of production and income levels for the targeted community:



D: Number of beneficiaries:

TOTAL NUMBER OF BENEFICIARIES				
Target Group	Direct Beneficiaries	Women Beneficiaries	Indirect Beneficiaries	Number of Interventions
Farmers supported with access to economic opportunities	1451	220	8480	1856
Women supported with access to economic opportunities (animal husbandry, home gardens, revolving funds, etc)	583	583	2168	915
Children under 18 benefiting from activities conducted at schools	456	130		4
Community level beneficiaries (roads, reservoirs, etc)	1144	561	2316	16
Number of persons accessing technical and capacity building training (CBO trainings)	627	302		31
Number of persons accessing awareness raising campaigns (civic debates)	1604	918		25
Total number of beneficiaries	5865	2714	12964	2847



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